Draft
Environmental Impact Report

Landmark Tower Mixed-Use Development

City of Milpitas

April 2008

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PREFACE

This document has been prepared by the City of Milpitas as the Lead Agency in conformance with the California Environmental Quality Act (CEQA) and the CEQA Guidelines. The purpose of this Environmental Impact Report (EIR) is to inform decision makers and the general public of the environmental effects of the proposed project.

This document provides project-level environmental review appropriate for the proposed Landmark Tower Mixed-Use Development project, in accordance with CEQA Guidelines Sections 15121, 15146, and 15151.

In accordance with CEQA, an EIR provides objective information regarding the environmental consequences of the proposed project, both to the decision makers who will be considering and reviewing the proposed project, and to the general public.

The following guidelines are included in CEQA to clarify the role of an EIR:

> **§15121(a). Informational Document.** An EIR is an informational document, which will inform public agency decision makers, and the public of the significant environmental effects of a project, identify possible ways to minimize the significant effects, and describe reasonable alternatives to the project. The public agency shall consider the information in the EIR, along with other information which may be presented to the agency.
>
> **§15146. Degree of Specificity.** The degree of specificity required in an EIR will correspond to the degree of specificity involved in the underlying activity which is described in the EIR.
>
> (a) An EIR on a construction project will necessarily be more detailed in the specific effects of a project than will an EIR on the adoption of a local general plan or comprehensive zoning ordinance because the effects of the construction can be predicted with greater accuracy.
>
> (b) An EIR on a project such as the adoption or amendment of a comprehensive zoning ordinance or local general plan should focus on the secondary effects that can be expected to follow from the adoption or amendment, but the EIR need not be as detailed as an EIR on the specific construction project that might follow.
>
> **§15151. Standards for Adequacy of an EIR.** An EIR should be prepared with a sufficient degree of analysis to provide decision makers with information which enables them to make a decision which intelligently considers environmental consequences. An evaluation of the environmental effects of the proposed project need not be exhaustive, but the sufficiency of an EIR is to be reviewed in light of what is reasonably feasible. Disagreement among experts does not make an EIR inadequate, but the EIR should summarize the main points of disagreement among the experts. The courts have looked not for perfection, but for adequacy, completeness, and a good-faith effort at full disclosure.
>
> Copies of all documents referred to in this EIR are available for public review at the Planning Division of the City of Milpitas, located at 455 East Calaveras Boulevard, Milpitas, CA 95035

SUMMARY

Summary Description of the Proposed Project

The approximately three-acre project site is located at 600 Barber Lane, adjacent to the west side of Interstate 880 in the City of Milpitas. The proposed project is the redevelopment of the site with an 18-story mixed-use building and attached 8-level parking garage, all above three levels of below grade parking. The mixed-use building would have a maximum height of approximately 277 feet and the parking garage would have a maximum height of approximately 115 feet. A total of 148,805 gross square feet of retail uses are proposed on floors one, two, and three of the mixed-use building. Up to 48,960 gross square feet of office uses are proposed on floor four. A total of 375 residences are proposed on floors five through 18. The project also includes amendments to the City of Milpitas General Plan and Zoning Code. The project site's existing General Plan land use designation and zoning district is *General Commercial*, which the project proposes to change to *Very High Density Mixed-Use (with High Rise [HR] Overlay)*.

Summary of Impacts and Mitigation Measures

The following table summarizes the ***significant*** environmental impacts identified and discussed within the text of the EIR, and identifies the mitigation and avoidance measures proposed to reduce those impacts. Those impacts for which no feasible mitigation could be identified are characterized as Significant Unavoidable Impacts.

SIGNIFICANT ENVIRONMENTAL IMPACTS	MITIGATION AND AVOIDANCE MEASURES
Land Use	
Impact LU-1: The proposed project conflicts with the regulations adopted for the purpose of avoiding or mitigating an environmental effect.	The following measure is condition of project approval and shall be printed on all construction documents, contracts, and project plans: **MM LU-1.1:** Prior to issuance of an occupancy permit, the developer shall construct a helicopter pad meeting the requirements of the Milpitas Fire Department. **[Less than Significant Impact with Mitigation]**
Transportation and Traffic	
Impact TR-1: *McCarthy Boulevard/ BellewDrive* – Intersection operations degrade from LOS D- to LOS E during the PM peak.	**MM TR-1.1:** *McCarthy Boulevard/Bellew Drive* - Prior to issuance of a building permit, the developer shall restripe or pay a fair share contribution towards the restriping of the existing eastbound approach (i.e., one left turn,

SIGNIFICANT ENVIRONMENTAL IMPACTS	MITIGATION AND AVOIDANCE MEASURES
	one through, and one right turn lane) to provide two left turn lanes and one shared through/right turn lane, which would provide acceptable (LOS D) operations. This improvement, in conjunction with optimizing the signal coordination along the McCarthy Boulevard corridor, would also provide acceptable midday operations at this intersection. Installation of the double eastbound left turn lanes requires median island and traffic signal modification work on Bellew Drive from Barber Lane to Technology Drive and on McCarthy Boulevard from Bellew Drive to Ranch Drive. To ensure proper operation, these improvements must also be coordinated with modifications for the intersection of Bellew Drive and Cypress Drive. **[Less than Significant Impact with Mitigation]**
Impact TR-2: *SR 237/I-880 NB Ramps –* Traffic from the proposed project exacerbates LOS F operations during the PM peak hour.	**MM TR-2.1:** *SR237/I-880 NB Ramps* - Prior to issuance of a building permit, the developer shall convert the northbound center left-turn lane to a shared left- and right-turn lane, which would provide acceptable (LOS D) operations. Coordination with Caltrans will be required to implement this improvement. Coordination with Caltrans will be required to implement this improvement, which may require traffic signal and/or median island modifications. **[Less than Significant Impact with Mitigation]**
Impact TR-3: *Alder Drive/Tasman Drive –* Traffic from the proposed project exacerbates LOS F operations during the PM peak hour.	There are no feasible mitigation measures available to reduce the project impact at the intersection of Alder Drive/Tasman Drive to a less than significant level. Conversion of one southbound (Alder Drive) through lane to a left turn lane to provide a total of three southbound left turn lanes improves intersection operations; however, this improvement would impact pedestrian and bicycle activity (which would increase substantially with this and other recently approved residential projects), and degrade

SIGNIFICANT ENVIRONMENTAL IMPACTS	MITIGATION AND AVOIDANCE MEASURES
	vehicle progression and VTA light rail transit operations along Tasman Drive. Thus, the project impact at this intersection is significant and unavoidable. **MM TR-3.1:** *Alder Drive/Tasman Drive* - Prior to issuance of a building permit, the developer shall provide all funding necessary for the design and implementation of traffic operation improvements to help in signal coordination with adjacent intersections (i.e. Tasman Drive/I-880 SB Ramps and Great Mall Parkway/I-880 NB Ramps). **[Significant Unavoidable Impact]**
Impact TR-4: *Tasman Drive/I-880 SB Ramps* – Traffic from the proposed project exacerbates LOS E operations during the PM peak hour.	There is no feasible mitigation available to reduce this impact to a less than significant level. Signal coordination between the adjacent intersections will improve operations at the intersection, but will not reduce the impact to a less than significant level. **MM TR-4.1:** Prior to issuance of a building permit, the developer shall provide all funding necessary for the design and implementation of traffic operation improvements to help in signal coordination with adjacent intersections (i.e., Tasman Drive/Alder Drive and Great Mall Parkway/I-880 NB Ramps). This mitigation will improve operations at this intersection, but will not reduce the impact to a less than significant level. **[Significant Unavoidable Impact]**
Impact TR-5: *Great Mall Parkway/I-880 NB Ramps* – Traffic from the proposed project exacerbates LOS F operations during the AM peak hour.	There is no feasible mitigation available to reduce this impact to a less than significant level. Signal coordination between the adjacent intersections will improve operations at the intersection, but will not reduce the impact to a less than significant level. **MM TR-5.1:** Prior to issuance of an occupancy permit, the developer shall provide all funding necessary for the design and implementation of

SIGNIFICANT ENVIRONMENTAL IMPACTS	MITIGATION AND AVOIDANCE MEASURES
	the signal coordination with adjacent intersections (i.e., Tasman Drive/I-880 SB Ramps and Tasman Drive/Alder Drive). **[Significant Unavoidable Impact]**
Impact TR-6: *Bellew Drive/Barber Lane* – The addition of project traffic causes this intersection to degrade from LOS B- to LOS E during the PM peak hour.	**MM TR-6.1:** *Bellew Drive/Barber Lane* - The developer shall add a northbound left turn lane (which requires removal of the existing bike lanes and on-street parallel parking on a section of Barber Lane). This improvement would provide acceptable PM peak hour operations at this intersection. This improvement, in conjunction with optimizing signal operations, would also provide acceptable midday operations at this intersection. **[Less than Significant Impact with Mitigation]**
Impact TR-7: *McCarthy Boulevard-O'Toole Avenue/Montague Expressway* – Traffic from the proposed project exacerbates LOS F operations during the PM peak hour.	**MM TR-7.1:** *McCarthy Boulevard-O'Toole Avenue/Montague Expressway* - The developer shall widen or pay a fair share contribution towards the widening of the northbound approach to provide a dedicated right turn lane from northbound O'Toole Avenue to eastbound Montague Expressway, which would provide LOS D operations during the AM peak hour and LOS E operations during the PM peak hour. **[Less than Significant Impact with Mitigation]**
Impact TR-8: *E. Calaveras Boulevard/S. Milpitas Boulevard* – Traffic from the proposed project exacerbates LOS F operations during the AM peak hour.	**MM TR-8.1:** *E. Calaveras Boulevard/S. Milpitas Boulevard* - The developer shall add a third westbound through lane, which requires converting the separate right-turn lane to a shared through/right-turn lane and striping a third receiving lane past the intersection. This provides acceptable operations (LOS E-) during the AM peak hour and is consistent with the Valley Transportation Plan 2030. **[Less than Significant Impact with Mitigation]**

SIGNIFICANT ENVIRONMENTAL IMPACTS	MITIGATION AND AVOIDANCE MEASURES
Impact TR-9: *Great Mall Parkway-Capitol Ave/Montague Expressway* – Traffic from the proposed project will degrade the intersection operations from LOS E- to LOS F during the AM peak hour and exacerbate LOS F conditions during the PM peak hour.	There are no feasible mitigation measures to reduce the project impact at this intersection to a less than significant level. **MM TR-9.1:** *Great Mall Parkway-Capitol Ave/Montague Expressway* - Prior to issuance of a building permit, the developer shall pay traffic impact fees, which includes the Montague Expressway Fee. **[Significant Unavoidable Impact]**
Impact TR-10: *McCarthy Boulevard-O'Toole Avenue/Montague Expressway* – The addition of project traffic causes this intersection to degrade from LOS D to LOS E under during the AM peak hour.	**MM TR-10.1:** *McCarthy Boulevard-O'Toole Avenue/Montague Expressway* - The developer shall widen or pay a fair share contribution towards the widening of the northbound approach to provide a dedicated right turn lane from northbound O'Toole Avenue to eastbound Montague Expressway, which would provide LOS D operations during the AM peak hour and LOS E operations during the PM peak hour. **[Less than Significant Impact with Mitigation]**
Impact TR-11: *Eastbound SR 237, McCarthy Boulevard to I-880* – Traffic from the proposed project causes the freeway segment to degrade from LOS E to LOS F during the PM peak hour. **Impact TR-12:** *Westbound SR 237, I-880 to McCarthy Boulevard* – Traffic from the proposed project exacerbates LOS F operations during the AM peak hour. **Impact TR-13:** *Westbound SR 237, McCarthy Boulevard to Zanker Road* – Traffic from the proposed project exacerbates LOS F operations during the PM peak hour.	The proposed project would impact three segments of SR 237. The City of Milpitas is currently preparing a Citywide Deficiency Plan (CDP) to identify local and regional transportation improvements. The CDP will include the "Immediate Actions" list in Appendix D of the Transportation Impact Analysis Guidelines. Pending final approval of the CDP, the City of Milpitas will require the project applicant to implement, the "Immediate Actions" list in Appendix D of the Transportation Impact Analysis Guidelines (May 1998), as part of the project's approval. These actions include measures to encourage alternative modes of transportation and site design guidelines for new development. Measures from the "Immediate Actions" list (refer to Appendix A of this EIR for the full list) that are appropriate for this project include: • Improve Pedestrian Facilities (A-4)

SIGNIFICANT ENVIRONMENTAL IMPACTS	MITIGATION AND AVOIDANCE MEASURES
	• Shuttle (B-3) • Bus Stop Improvements (B-8) • Traffic signal timing and synchronization program (F-3) • HOV parking preference program (G-1) • Bike facilities (G-2) • Pedestrian circulation system (G-4) While implementation of these measures would incrementally reduce traffic, they would not reduce the project's freeway impacts to a less than significant level. For this reason, the project's freeway impacts are significant and unavoidable. **[Significant Unavoidable Impact]**
Noise	
Impact NO-1: During project construction, businesses in the vicinity of the site would be intermittently exposed to high noise levels.	**MM NO-1.1:** The developer shall implement the following measures, which would reduce short-term construction noise impacts to a less than significant level. These measures shall be printed on all construction documents, contracts, and project plans: • Construction equipment shall be well maintained and used judiciously to be as quiet as practical. • Utilize 'quiet' models of air compressors and other stationary noise sources where technology exists. • Prohibit all unnecessary idling of internal combustion engines and equip all internal combustion engine-driven equipment with mufflers, which are in good condition and appropriate for the equipment. • Locate all stationary noise-generating equipment, such as air compressors and portable power generators, as far away as possible from businesses or noise-sensitive land uses.

SIGNIFICANT ENVIRONMENTAL IMPACTS	MITIGATION AND AVOIDANCE MEASURES
	• Notify all adjacent land uses of the construction schedule in writing. • Designate a disturbance coordinator, responsible for responding to complaints about construction noise. The name and telephone number of the disturbance coordinator shall be posted at the construction site and made available to businesses, residences or noise-sensitive land uses adjacent to the construction site. • If pile driving is necessary, pre-drill foundation pile holes to minimize the number of impacts required to seat the pile. • If pile driving is necessary, when possible the project shall work with the owners and managers of adjacent commercial uses to select days and times to conduct pile-driving activities that would minimize the impact on these uses. **[Less than Significant Impact with Mitigation]**
Impact NO-2: Commercial uses north and south of the project site would be exposed to vibration during construction of the project foundation, particularly if pile driving is used as a construction method.	**MM NO-2.1:** The developer shall implement the following measures, which in addition to those measures listed above for short-term construction noise impacts, would reduce short-term construction vibration impacts to a less than significant level. These measures shall be printed on all construction documents, contracts, and project plans: • Avoid impact pile driving where possible. Drilled piles or construction of slab mat foundation cause lower vibration levels where geological conditions permit their use. • Identify any highly vibration sensitive uses located on the adjoining properties to the north and south of the site. • If impact pile driving is proposed within 50

feet of adjacent structures or within 200 feet of any highly sensitive uses identified in the adjoining buildings, a construction vibration-monitoring plan would need to be implemented to document conditions prior to, during and after vibration generating construction activities. All plan tasks shall be undertaken under the direction of a licensed Professional Structural Engineer in the State of California and in accordance with industry accepted standard methods. The construction vibration monitoring plan would include the following tasks:

- Schedule pile driving so that piles furthest from adjacent structures are driven first, and only after vibration levels are found to be within the limits is pile driving be allowed at closer distances.

- Performance of a photo survey, elevation survey, and crack monitoring survey for each impacted structure. Surveys shall be performed prior to any construction activity, in regular interval during construction and after project completion and shall include internal and external crack monitoring in structures, settlement, distress, and shall document the condition of foundations, walls and other structural elements in the interior and exterior of the structures.

- Development of a vibration monitoring and construction contingency plan to identify structures where monitoring would be completed, set up a vibration monitoring schedule, define structure-specific vibration limits, and address the need to complete photo, elevation, and crack surveys to document before and after construction conditions. Construction contingencies would be identified for when vibration levels approached the limits.

SIGNIFICANT ENVIRONMENTAL IMPACTS	MITIGATION AND AVOIDANCE MEASURES
	▪ At a minimum, vibration monitoring shall be completed during pavement demolition, excavation, and pile driving activities. Monitoring results may indicate the need for more or less intensive measurements. ▪ If vibration levels approach limits, suspend construction and implement contingencies to either lower vibration levels or secure the affected structures. ▪ Designate a person responsible for registering and investigating claims of excessive vibration. The contact information for this person shall be clearly posted on the construction site. ▪ Complete a post-construction survey on structures where either monitoring has indicated high levels or complaints of damage have been made. Make appropriate repairs or compensation where damage has occurred as a result of construction activities. ▪ The results of all vibration monitoring shall be summarized and submitted in a report shortly after substantial completion of each phase identified in the project schedule. The report shall include a description of measurement methods, equipment used, calibration certificates and any required graphics to clearly identify vibration-monitoring locations. An explanation of all events that exceeded vibration limits will be included together with proper supporting documentation. **[Less than Significant Impact with Mitigation]**
Impact NO-3: Without the provision of forced-air mechanical ventilation systems and/or implementation of sound-rated construction	**MM NO-3.1:** The developer shall implement the following measures, which would reduce the interior noise levels of the proposed residential

methods, the interior noise levels of the proposed residential units would be above the City and State standard of 45 dBA DNL.

units to a less than significant level (i.e., 45 dBA DNL or lower). These measures shall be printed on all construction documents, contracts, and project plans:

- Building design and treatments will be incorporated in to the project to ensure compliance with State and City noise standards. A project-specific acoustical analysis shall be prepared to ensure that interior noise levels will be reduced to 45 dBA DNL or lower. Building sound insulation requirements would include the provision of forced-air mechanical ventilation for all outer facing residential units, courtyard facing units on the 10th floor and higher, and the clubhouse proposed atop the parking garage, so that windows could be kept closed at the occupant's discretion to control noise. Special building construction techniques may be required for outer northwest, northeast, and southeast facing facades, courtyard units on the 13th floor and above, and the clubhouse atop the parking garage. These treatments could include sound rated windows and doors, sound rated wall constructions, acoustical caulking, etc. The analysis be submitted to the City of Milpitas for review and approval along with the building plans, prior to issuance of a building permit. Feasible construction techniques such as these would adequately reduce interior noise levels to 45 dBA DNL or lower.
- A qualified acoustical consultant shall review final site plans, building elevations, and floor plans prior to the issuance of a building permit to calculate expected interior and exterior noise levels and ensure compliance with City policies and State noise regulations.

[Less than Significant Impact with Mitigation]

SIGNIFICANT ENVIRONMENTAL IMPACTS	MITIGATION AND AVOIDANCE MEASURES
Air Quality	
Impact AI-1: The proposed project would expose sensitive receptors to objectionable odor from the San José/Santa Clara Water Pollution Control Plant (WPCP) and other odor sources in the area, including the Newby Island Landfill, Zanker Road Landfill, Newby Island Compost Facility, and salt evaporation ponds.	There are no feasible measures to reduce this impact to a less than significant level. BAAQMD advises that the most effective method of avoiding odor impacts is distance (i.e., separation between the odor source and sensitive receptors. The entire project site is exposed to WPCP odor, therefore, it is not possible for the project to provide the separation distance needed to avoid the odor. As discussed in **Section 4.3.4.3 Long-Term Noise Impacts**, forced-air mechanical ventilation is necessary to avoid significant noise impacts. The provision of forced-air mechanical ventilation would also allow residents of the project to keep windows closed when WPCP odors are noticeable. This would not, however, reduce the odor impact to a less than significant level. **[Significant Unavoidable Impact]**
Impact AI-2: Construction activities on the project site could result in PM10 levels downwind of the project site that exceed State standards.	**MM AI-2.1:** The developer shall implement the following measures, which would reduce dust generation during demolition of existing structures to a less than significant level. These measures shall be printed on all construction documents, contracts, and project plans: • Watering will be used to control dust generation during demolition of structures and break-up of pavement. • All trucks hauling demolition debris from the site will be covered. • Dust-proof chutes to load debris into trucks will be used whenever feasible. **MM AI-2.2:** The developer shall implement the following measures, which would reduce dust generation during construction to a less than significant level. These measures shall be printed on all construction documents, contracts, and project plans:

SIGNIFICANT ENVIRONMENTAL IMPACTS	MITIGATION AND AVOIDANCE MEASURES
	• Water all active construction areas at least twice daily and more often during windy periods; active areas adjacent to existing land uses shall be kept damp at all times, or shall be treated with non toxic stabilizers or dust palliatives. • Cover all trucks hauling soil, sand, and other loose materials or require all trucks to maintain at least two feet of freeboard. • Pave, apply water three times daily, or apply (non toxic) soil stabilizers on all unpaved access roads, parking areas, and staging areas at construction sites. • Sweep daily (preferably with water sweepers) all paved access roads, parking areas, and staging areas at construction sites; water sweepers shall vacuum up excess water to avoid runoff related impacts to water quality. • Sweep streets daily (preferably with water sweepers) if visible soil material is carried onto adjacent public streets. • Hydroseed or apply non toxic soil stabilizers to inactive construction areas. • Enclose, cover, water twice daily, or apply non toxic soil binders to exposed stockpiles (dirt, sand, etc.). • Limit speeds on unpaved roads to 15 mph. • Install sandbags or other erosion control measures to prevent silt runoff to public roadways. • Replant vegetation in disturbed areas as quickly as possible. • Suspend construction activities that cause visible dust plumes to extend beyond the project site.

SIGNIFICANT ENVIRONMENTAL IMPACTS	MITIGATION AND AVOIDANCE MEASURES
	• Install wheel washers for all existing trucks, or wash off the tires or tracks of all trucks and equipment leaving the site; • Install wind breaks, or plant trees/ vegetative wind breaks at windward side(s) of construction areas. • Suspend excavation and grading activities when wind gusts exceed 25 mph; and • Limit the area subject to excavation grading, and other construction activity at any one time **[Less than Significant Impact with Mitigation]**
Impact AI-3: Sensitive receptors could be exposed to elevated levels of diesel particulate during project construction.	**MM AI-3.1:** The developer shall implement the following measures, which would reduce the impact of diesel particulate matter emissions during construction to a less than significant level. These measures shall be printed on all construction documents, contracts, and project plans: • Prohibit use of "dirty" equipment. Opacity is an indicator of exhaust particulate emissions from off-road diesel powered equipment. The project shall ensure that emissions from all construction diesel powered equipment used on the project site do not exceed 40 percent opacity for more than three minutes in any one hour. Any equipment found to exceed 40 percent opacity (or Ringelmann 2.0) shall be repaired immediately. • The contractor shall install temporary electrical service whenever possible to avoid the need for independently powered equipment (e.g. compressors). • Diesel equipment standing idle for more than two minutes shall be turned off. This would include trucks waiting to deliver or

SIGNIFICANT ENVIRONMENTAL IMPACTS	MITIGATION AND AVOIDANCE MEASURES
	receive soil, aggregate, or other bulk materials. Rotating drum concrete trucks could keep their engines running continuously as long as they were onsite and staged away from residential areas. • Properly tune and maintain equipment for low emissions. **[Less than Significant Impact with Mitigation]**
Cultural Resources Impacts	
Impact CU-1: Archaeological resources could be encountered and damaged during construction of the proposed project.	**MM CU-1.1:** The developer shall implement the following measures, which would reduce impacts to archaeological resources to a less than significant level. These measures shall be printed on all construction documents, contracts, and project plans: • Prior to issuance of a grading permit, the developer shall retain a qualified archaeologist to complete mechanical subsurface presence/absence testing for the project site after the building, pavement, and landscaping have been cleared from the project site or the developer shall retain a qualified archaeologist to monitor all excavation activities on the project site that are associated with the proposed project. Testing shall consist of backhoe trenching for prehistoric deposits, combined with selected stripping of soils to search for the smaller, more discrete archaeological resources. • In the event that any archaeological deposits are discovered during presence/absence testing or during monitoring of the excavation activities on the project site, activity in the vicinity of the "find" shall cease and a program for evaluation of the deposits through hand excavation of the suspected resource shall be submitted to the Director of Planning for

SIGNIFICANT ENVIRONMENTAL IMPACTS	MITIGATION AND AVOIDANCE MEASURES
	approval. If evaluation demonstrates that the resource is eligible for inclusion on the California Register of Historic Resources, a plan for mitigation of impacts shall be prepared by a qualified archaeologist and submitted to the Director of Planning for approval. • In those cases where avoidance is not possible, mitigation can take the form of additional hand excavation to retrieve a representative sample of the archaeological resource for analysis. • If human remains are encountered, activity in the vicinity of the "find" shall cease, and the "find" shall be handled in accordance with State law and any applicable Native American agreements. All human remains and burial-associated artifacts shall be repatriated in a location that will not be subject to further disturbance. Using professionally-accepted methods, all archaeological resources shall be catalogued and analyzed and a report summarizing such work shall be prepared and provided to the Director of Planning. **[Less than Significant Impact with Mitigation]**
Biological Resources	
Impact BI-1: The proposed project will result in the removal of four ordinance-size palm trees.	**MM BI-1.1:** Prior to receiving an occupancy permit, the developer shall implement the following measures, which would reduce the impact of the loss of the four ordinance-size palm trees on the project site to a less than significant level. These measures shall be printed on all construction documents, contracts, and project plans: • In conformance with the City of Milpitas Zoning Ordinance, all trees removed from the site that measure 37 inches or greater in circumference (12-inches in diameter) at

SIGNIFICANT ENVIRONMENTAL IMPACTS	MITIGATION AND AVOIDANCE MEASURES
	four feet six inches above the ground surface will be replaced in-kind at a 3:1 ratio within the project site. • Trees that are removed but cannot be mitigated for on-site, due to lack of available planting area, will be mitigated by fees paid to the City. The funds will be deposited in the City's Tree Replacement Fund and will be used to plant trees within the City of Milpitas. **[Less than Significant Impact with Mitigation]**
Geology and Soils	
Impact SO-1: Soil conditions known to exist in the vicinity of the project site could result in the development proposed by the project to become structurally unsound and/or expose future occupants to harm. **Impact SO-2:** If not designed properly to account for the hydrostatic pressure, the proposed development could become structurally unsound and/or expose future occupants to harm.	**MM SO-1.1 & 2.1:** The developer shall implement the following measures, which would reduce geology and soils impacts to a less than significant level. These measures shall be printed on all construction documents, contracts, and project plans: • A design-level geotechnical investigation shall be completed by a qualified geologist once site development plans are complete. The design-level geotechnical investigation shall address the following issues: ▪ compressible soils, ▪ liquefaction, ▪ expansive soils, ▪ loose surficial soils, ▪ shallow groundwater, and ▪ sulfates in soil. • The design-level geotechnical investigation shall be reviewed and approved by the City Geologist, prior to approval of a Grading Permit for the project. All recommendations in the design-level geotechnical investigation shall be incorporated into the project design. • Final construction plans and specifications

SIGNIFICANT ENVIRONMENTAL IMPACTS	MITIGATION AND AVOIDANCE MEASURES
	shall be reviewed by a qualified geologist to verify they are consistent with the recommendations in the design-level geotechnical investigation. • A qualified geologist will observe earthwork and foundation installation to verify they are completed according to the recommendations in the design-level geotechnical investigation. **[Less than Significant Impact with Mitigation]**
Hydrology and Drainage	
Impact HY-1: Construction activities will increase the potential for wind and water erosion, which could cause the degradation of water quality within Coyote Creek and San Francisco Bay.	**MM HY-1.1:** The following measures, based on Regional Water Quality Control Board Best Management Practices, shall be implemented by the developer to reduce construction-related water quality impacts. The project shall also be compliant with all applicable requirements of the City's NPDES permit in place when the project application is deemed complete. All mitigation shall be implemented prior to the start of earthmoving activities on-site and will continue until construction is complete. These measures shall be printed on all construction documents, contracts, and project plans: • Burlap bags filled with drain rock will be installed around storm drains to route sediment and debris away from the drains. • Earthmoving or other dust-producing activities would be suspended during periods of high winds. • All exposed or disturbed soil surfaces would be watered at least twice daily to control dust as necessary. • Stockpiles of soil or other materials that can be blown by the wind will be watered or covered.

- All trucks hauling soil, sand, and other loose materials would be covered and all trucks would be required to maintain at least two feet of freeboard.

- All paved access roads, parking areas, staging areas and residential streets adjacent to the construction sites would be swept daily (with water sweepers). In addition, a tire wash system may be required.

- Vegetation in disturbed areas would be replanted as quickly as possible.

- All unpaved entrances to the site would be filled with rock to knock mud from truck tires prior to entering City streets. A tire wash system may also be employed at the request of the City.

- A Storm Water Permit will be administered by the Regional Water Quality Control Board. Prior to construction grading for the proposed land uses, the project proponent will file a "Notice of Intent" (NOI) to comply with the General Permit and prepare a Storm Water Pollution Prevention Plan (SWPPP) that includes measures to be implemented by the project to minimize and control construction and post-construction runoff. Measures will include, but are not limited to, the aforementioned RWQCB mitigation.

- The project proponent will submit a copy of the draft SWPPP to the City of Milpitas for review and approval prior to start of construction on the project site. The certified SWPPP will be posted at the project site and will be updated to reflect current site conditions.

- When construction is complete, a Notice of Termination (NOT) for the General Permit for Construction will be filed with the Regional Water Quality Control Board and

the City of Milpitas. The NOT will document that all elements of the SWPPP have been executed, construction materials and waste have been properly disposed of, and a post-construction storm water management plan is in place as described in the SWPPP for the site.

MM HY-1.2: The following measures, based on Regional Water Quality Control Board Best Management Practices, shall be implemented by the developer to reduce post-construction water quality impacts. The project shall also be compliant with all applicable requirements of the City's NPDES permit in place when the project application is deemed complete. These measures shall be printed on all construction documents, contracts, and project plans:

- As part of the mitigation for post-construction runoff impacts addressed in the SWPPP, the project will implement regular maintenance activities (i.e., sweeping, maintaining vegetative swales, litter control, and other activities as specified by the City) at the site to prevent soil, grease, and litter from accumulating on the project site and contaminating surface runoff. Storm water catch basins will be stenciled to discourage illegal dumping.

- In compliance with Section XI-16-6 of the Milpitas Municipal Code, the project shall include Permanent Stormwater Pollution Prevention Measures in order to reduce water quality impacts of urban runoff from the entire project site for the life of the project. These measures will include:

    - Landscape designs for stormwater treatments that meet the requirements of Provision C.3. of the City's NPDES permit will be submitted with the Site Development Plans and must be

	approved by the Planning Department prior to issuance of building permits. ▪ The proposed project will be required to sign an Operation & Management (O&M) agreement with the City to insure continued maintenance and performance of post-construction measures. **[Less than Significant Impact with Mitigation]**
Impact HY-2: Dewatering during project construction and, if needed, after construction, could pollute surface water with sediment or hazardous materials.	**MM HY-2.1:** The following measures shall be implemented by the developer to reduce water quality impacts that could result during dewatering to a less than significant level. The project shall also be compliant with all applicable requirements of the City's NPDES permit in place when the project application is deemed complete. All mitigation shall be implemented prior to the start of earthmoving activities on-site and will continue until dewatering is complete (i.e., during project construction and, if necessary, during the life of the project). These measures shall be printed on all construction documents, contracts, and project plans: • Groundwater below the project site shall be sampled and tested for contaminants. ▪ If groundwater contaminant levels are below RWQCB discharge thresholds, the project shall obtain a permit from the City of Milpitas to discharge the groundwater into the City's stormdrain system. This permit will specify the sediment removal measures to be implemented during dewatering (e.g., settling tank, particulate filters, etc.) and the frequency of ongoing water quality testing. ▪ If groundwater contaminant levels are

SIGNIFICANT ENVIRONMENTAL IMPACTS	MITIGATION AND AVOIDANCE MEASURES
	above RWQCB discharge thresholds, the project shall obtain an NPDES permit from the RWQCB prior to discharging the water into the stormdrain system. This permit will specify the groundwater treatment measures and the water quality treatment standards that shall be achieved prior to discharge into the stormdrain system, the sediment removal measures to be implemented during dewatering (e.g., settling tank, particulate filters, etc.), and the frequency of ongoing water quality testing. **[Less than Significant Impact with Mitigation]**
Hazardous Materials	
Impact HA-1: If onsite soils are contaminated with agricultural chemicals, construction personnel working on the proposed project would be exposed to these chemicals. **Impact HA-2:** If onsite soils are contaminated with agricultural chemicals, improper disposal of soil could contaminate the environment.	**MM HA-1.1 & 2.1:** Prior to the issuance of a Grading Permit, the developer shall implement the following measures, which would reduce potential impacts related to pesticide contaminated soil to a less than significant level. These measures shall be printed on all construction documents, contracts, and project plans: • Soil on the site will be sampled and tested for organochloride pesticides and associated heavy metals. • If the results of the soil sampling/testing indicate that the soil on the project site is contaminated with agricultural pesticides and/or heavy metals above regulatory agency thresholds, a Soil Management Plan (SMP) will be prepared for the proposed project. The SMP would detail the handling/ disposal of the contaminated soil in a manner that ensures workers, adjacent uses, and the environment are protected. The main objective of the SMP is to establish protocols for the contractor in

SIGNIFICANT ENVIRONMENTAL IMPACTS	MITIGATION AND AVOIDANCE MEASURES
	handling on-site soil during redevelopment of the site (e.g., preparation of a Health and Safety Plan). • If the results of the soil sampling/testing indicate that the soil on the project site is contaminated with agricultural pesticides and/or heavy metals above regulatory agency thresholds, all soil off-hauled from the project site will be disposed at an appropriate facility that is designed and operated to accept and dispose of hazardous materials safely. **[Less than Significant Impact with Mitigation]**
Utilities and Service Systems	
Impact UT-1: The proposed project would substantially increase water demand compared to the existing use.	**MM UT-1.1:** Prior to issuance of an occupancy permit, the developer shall implement the following measures, which would reduce impacts to the water system to a less than significant level. These measures shall be printed on all construction documents, contracts, and project plans: • The developer shall design and install all water lines necessary to serve the development (including fire flow), sized in accordance with the City's Water Master Plan and Guidelines. • The developer shall purchase adequate public system water capacities for the project, including costs for capacity and storage needs above the master plan capacities, as determined by the City. • Prior to receiving recycled water, the site shall be permitted by South Bay Water Recycling (SBWR). In general, a permit will be granted after the following steps have been completed: ▪ Plan Submittal and Approval

SIGNIFICANT ENVIRONMENTAL IMPACTS	MITIGATION AND AVOIDANCE MEASURES
	▪ Inspection ▪ Retailer Service Meter ▪ Customer Training **[Less than Significant Impact with Mitigation]**
Impact UT-2: The project will reduce the available limited capacity at the WPCP.	**MM UT-2.1:** Prior to issuance of an occupancy permit, the developer shall implement the following measures, which would reduce impacts to the water system to a less than significant level. These measures shall be printed on all construction documents, contracts, and project plans: • The developer shall purchase adequate public system sewage capacities for the respective development. Fees shall consist of connection fees, treatment plant fees up to the build-out master plan levels, plus additional fees for costs of sewage collection and regional plant capacity needs above the build-out master plan capacities, and proportional replacement costs for a new Main sewage pump station above the existing 2001 Master Plan capacities, as determined by the City. **[Less than Significant Impact with Mitigation]**

Summary of Alternatives

CEQA requires that an EIR identify alternatives to the project as proposed. The CEQA Guidelines [Section 15126.6(a)] specify that an EIR identify alternatives which "would feasibly attain most of the basic objectives of the project but would avoid or substantially lessen any of the significant effects of the project." **Section 6 Alternatives** of this EIR analyzes several alternatives to the proposed project. A brief summary of these alternatives and their impacts is provided below.

No Project Alternative

Under the No Project alternative, the project site would remain developed with a commercial building, which would have no new impacts. The No Project alternative would avoid all the

environmental impacts of the proposed project. The No Project alternative would not meet any of the project objectives, but it would avoid all of the impacts of the proposed project. For this reason, the No Project Alternative is an environmentally superior alternative to the proposed project.

Reduced Density Alternative

The Reduced Density alternative limits the density of the project (i.e., number of residential units and/or square footage of retail and/or office uses developed on the project site) to an amount that would not trigger the significant unavoidable traffic impacts that result from development of the proposed project.

In order to mitigate all of the project's significant unavoidable traffic impacts, the total project needs to be reduced to approximately 50 dwelling units, with no retail or office development.

In order to mitigate all of the project's significant unavoidable traffic impacts, except for the project's impact at the intersection of Great Mall Parkway-Capitol Ave/Montague Expressway, the total project needs to be reduced to approximately 225 dwelling units, with no retail or office development.

Both of the Reduced Density alternative scenarios described above would have the same significant unavoidable air quality impact as the proposed project (i.e., expose sensitive receptors to objectionable odor from the San José/Santa Clara Water Pollution Control Plant (WPCP) and other odor sources in the area).

Similar to the proposed project, any substantial development on the site, including the Reduced Density alternative, would also result significant, noise and vibration, air quality, cultural resources, biological resources, hazardous materials, and hydrology and water quality impacts. These impacts are reduced to a less than significant level with the mitigation and avoidance measures that are included in the proposed project. The vibration impacts of the project would be avoided with the smaller building size of the Reduced Density alternative, which would not require pile driving.

The Reduced Density alternative would meet all of the project objectives, except for the applicant's and City's objective to provide a mixed-use development of high-density residential, office, and retail uses. Therefore, the Reduced Density alternative is not a feasible alternative that meets all of the project objectives.

The Reduced Density alternative would avoid the significant unavoidable traffic impacts resulting from the proposed project. For this reason, the Reduced Density alternative is the environmentally superior alternative to the proposed project.

SECTION 1 INTRODUCTION, BACKGROUND, AND PROJECT OBJECTIVES

1.1 INTRODUCTION

This Environmental Impact Report (EIR) has been prepared for the proposed project in accordance with the requirements of the California Environmental Quality Act (CEQA) and the City of Milpitas. The purpose of this EIR is to provide objective information regarding the environmental consequences of the Landmark Tower Mixed-Use Development project to the decision makers who will be reviewing and considering the proposed project.

1.2 PROJECT LOCATION

The approximately three-acre project site is located at 600 Barber Lane, adjacent to the west side of Interstate 880 in the City of Milpitas. A regional map and vicinity map of the project site are shown on Figures 1 and 2, respectively.

1.3 BACKGROUND

The project site is the former location of the Billing's Chevrolet auto dealership. The site is currently designated *General Commercial* on the City of Milpitas General Plan Map and is zoned *Commercial*. The existing auto showroom building on the project site is currently vacant.

1.4 PROJECT OBJECTIVES

The applicant's stated objectives for the proposed project are as follows:

1. Construct a well-designed, economically viable mixed-use development of high-density residential, office, and retail uses that incorporates smart growth elements by being located at an infill site that is close to employment (Cisco Systems, KLA Tencor, and Maxtor), retail (Milpitas Square), and mass transit facilities (VTA Light Rail Station).

2. Provide needed housing in the City of Milpitas to aid the City in providing for its regional fair share housing needs and attaining a jobs/housing balance.

3. Provide the City of Milpitas with needed housing that utilizes existing infrastructure and does not eliminate natural habitat or open-space areas within the City.

The City's stated objectives for the proposed project are as follows:

1. Construct a well-designed, economically viable mixed-use development of high-density residential, office, and retail uses that incorporates smart growth elements by being located at an infill site that is close to employment (Cisco Systems, KLA Tencor, and Maxtor), retail (Milpitas Square), and mass transit facilities (VTA Light Rail Station).

2. Provide an attractive pedestrian-oriented environment by establishing pedestrian/bicycle linkages and streetscape improvements.

3. Provide uses and activities that draw transit investments and makes the area transit-supportive.

4. Provide recreational and open-space facilities that are attractive and functional and that encourage public gathering and interaction.

5. Limit significant environmental impacts to the highest degree possible.

6. Utilize "green" or sustainable building practices to the greatest extent possible to create a highly visible example of this important new environmentally sound practice.

7. Create a visually attractive, distinctive "Landmark" for the City of Milpitas.

8. Provide needed housing in the City of Milpitas to aid the City in providing for its regional fair share housing needs and attaining a jobs/housing balance.

9. Provide for a significant public benefit in the provision of affordable housing or equivalent in-lieu fee.

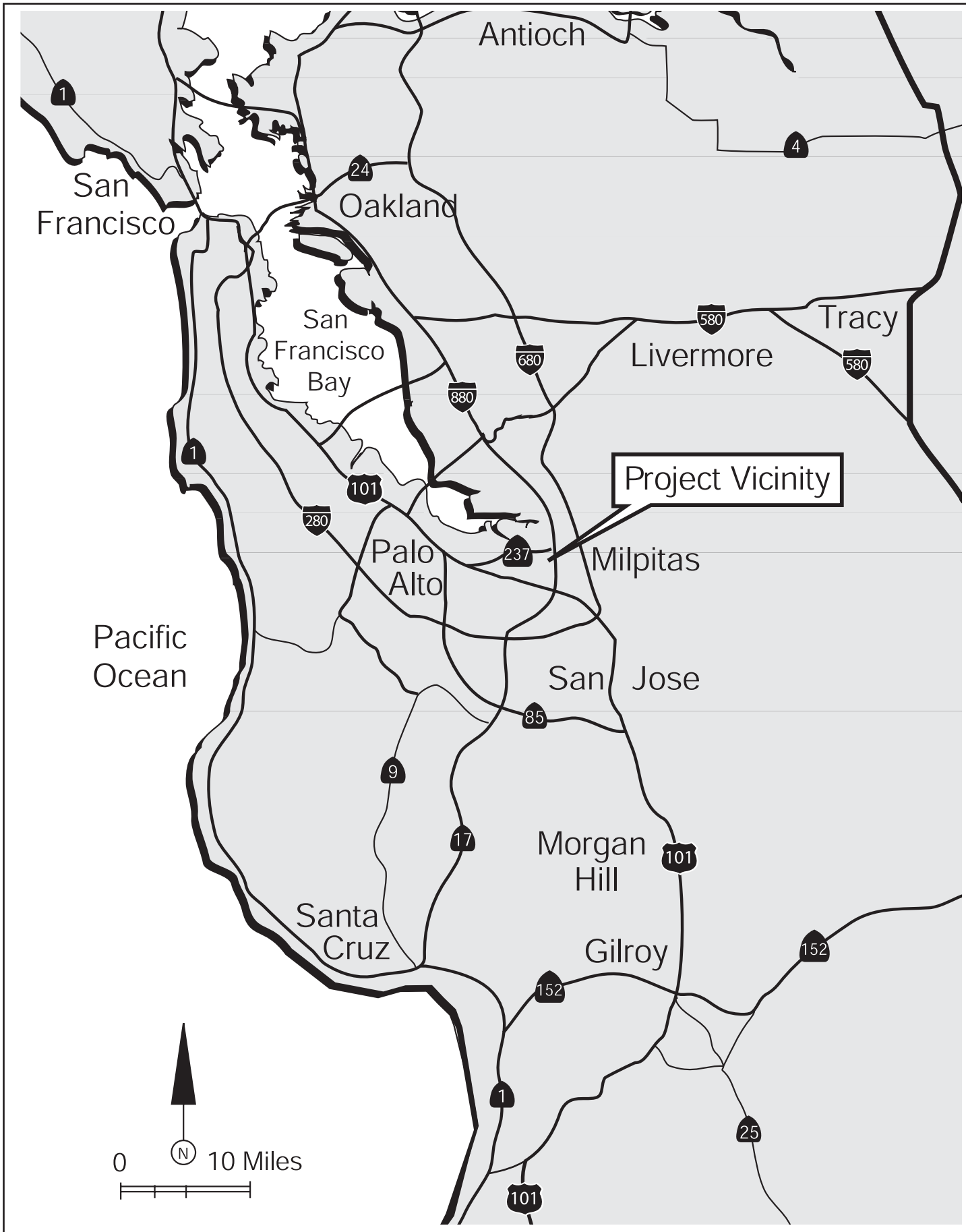
10. Provide the City of Milpitas with housing that utilizes existing infrastructure and does not eliminate natural habitat or open-space areas within the City.

1.5 USES OF THE EIR

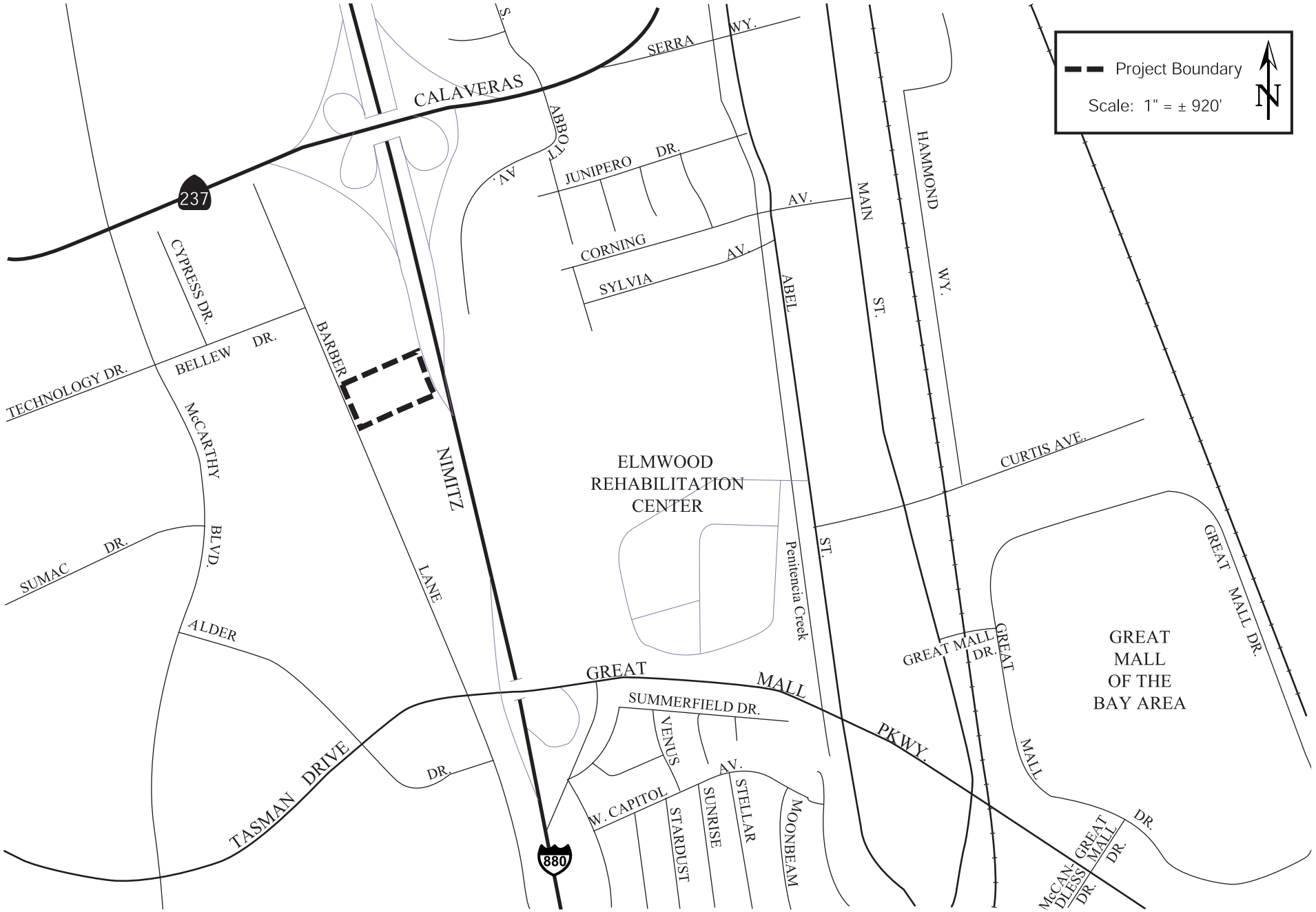
This EIR provides project-level environmental review for the development of the Landmark Tower Mixed-Use project (i.e., redevelopment of the project site with an 18-story mixed-use residential building and attached 8-story parking garage, all above three levels of below grade parking).

The information contained in this EIR will be used by the City of Milpitas (the CEQA Lead Agency) as it considers whether or not to approve the proposed project. If the project is approved, the EIR would be used by the City in conjunction with various approvals and permits including the following:

- General Plan Amendment
- Zoning Amendment
- Architecture and Site Review Permit



REGIONAL MAP FIGURE 1



VICINITY MAP

FIGURE 2

SECTION 2 DESCRIPTION OF THE PROPOSED PROJECT

2.1 DETAILED PROJECT DESCRIPTION

The proposed project consists of three components: 1) a General Plan amendment to change the land use on the site to *Very High Density Mixed-Use (with High Rise [HR] Overlay)*, 2) a Zoning amendment to change the zoning to *Very High Density Mixed-Use (with HR Overlay)* and 3) the construction of a mixed use development including the vertical integration of residential, retail and office uses on the project site.

2.1.1 General Plan Amendment

The City of Milpitas General Plan designates the existing project site *General Commercial*. The project proposes an amendment to the General Plan Land Use Element that would change the land use to *Very High Density Mixed-Use (with High Rise [HR] Overlay)*.

The *Very High Density Mixed-Use (with HR Overlay)* designation allows for commercial offices, retail and personal service, high density residential and public and quasi-public uses. Mixed-use buildings can contain a combination of residential and commercial uses. The *Very High Density Mixed-Use (with HR Overlay)* allows between 60-150 dwelling units per gross acre and a floor area ratio (FAR) of up to 2.0 and is intended for areas that are well suited for taller, high density mixed-use buildings located along freeways. The project proposes to add the *Very High Density Mixed-Use (with HR Overlay)* description to the General Plan Land Use Element and to the General Plan Land Use Map. It is probable that the description for the new land use designation will be added to the General Plan with the adoption of the Transit Area Specific Plan scheduled for Council action in June 2008.

2.1.2 Zoning Amendment

The City's Zoning Map designates the existing project site as *General Commercial District (C2)*. The project proposes an amendment to the Zoning Map that would change the zoning of the project to *Very High Density Mixed-Use (MXD3) with an HR Overlay*. This amendment is part of the Transit Area Specific Plan scheduled for Council review in June 2008.

The *MXD3* zoning district would allow for commercial offices, retail and personal service, high density residential and public and quasi-public uses with a density between 41-60 dwelling units per gross-acre and a FAR of up to 1.5.

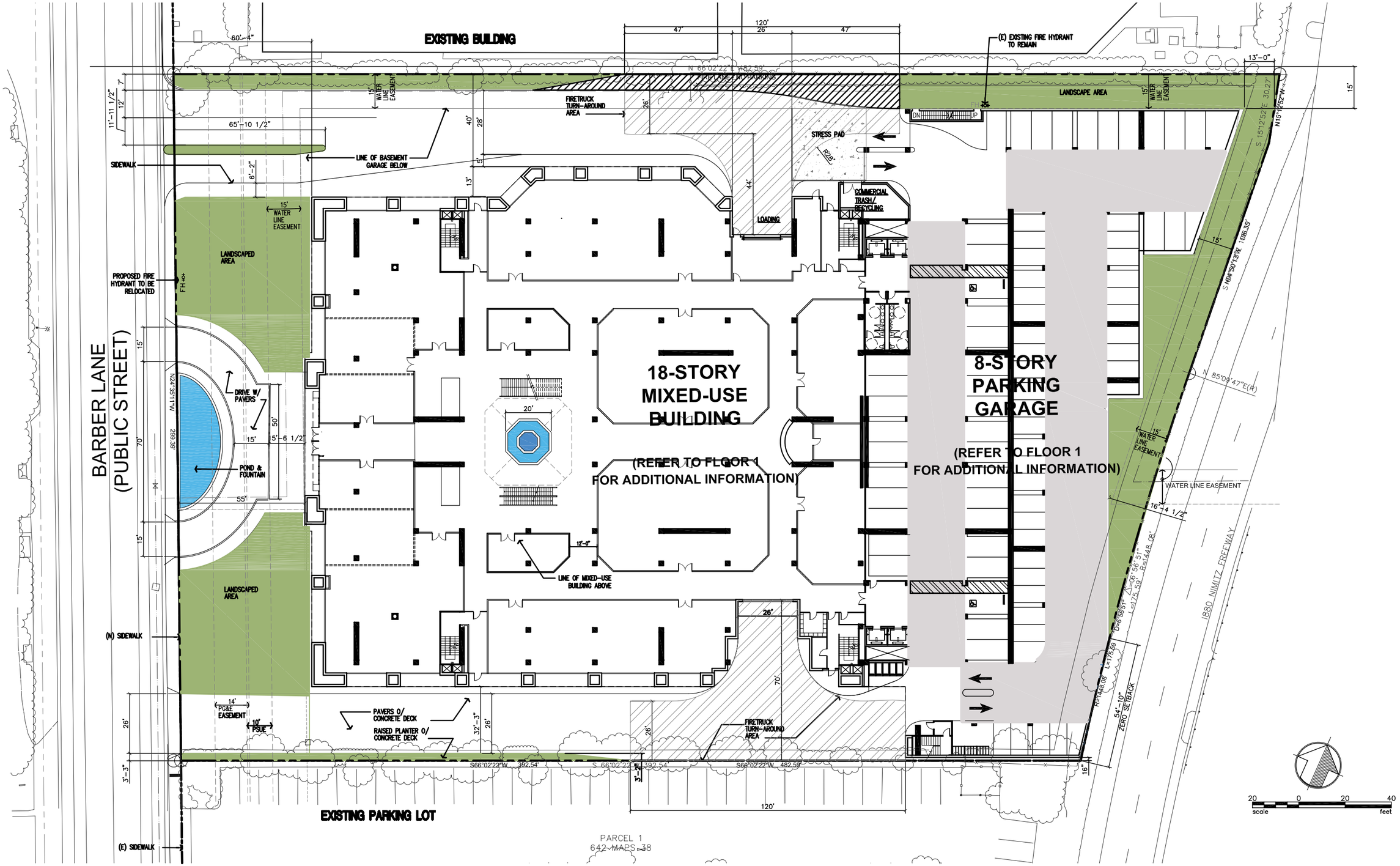
As proposed, the *High-rise Overlay District* can be used with high density mixed-use zones. When overlayed with *MXD3*, it allows densities between 60-150 dwelling units per gross-acre and a FAR of up to 2.0. The project proposes to add the *HR Overlay* description to the Zoning Ordinance and Zoning Map.

2.1.3 Proposed Development

The project proposes to redevelop the site with an 18-story mixed-use building and attached 8-level parking garage, all above three levels of below grade parking. The mixed-use building would have a maximum height of approximately 277 feet (i.e., tip of spire) and the parking garage would have a maximum height of approximately 115 feet (i.e., top of clubhouse). A conceptual site plan of the

proposed project is shown on Figure 3. Conceptual elevations of the proposed project are shown on Figures 4, 5, and 6.

Retail uses are proposed on floors one, two, and three of the mixed-use building, and would include up to 148,805 gross square feet (sf) of retail uses, including an approximately 8,000 sf food court area.



CONCEPTUAL SITE PLAN

FIGURE 3

CONCEPTUAL FRONT ELEVATION

FIGURE 4

CONCEPTUAL SIDE ELEVATION

FIGURE 5

CONCEPTUAL REAR ELEVATION

FIGURE 6

Office uses are proposed on floor four of the building, which would include up to 48,960 sf of office space.

Up to 375 residences are proposed on floors five through 18 of the building, which would include a mix of approximately 223 one-bedroom units, 132 two-bedroom units, and 20 three-bedroom units.

The size of the project site is three acres (i.e., 130,680 square feet). Based on the total square footage of retail and office uses and the number of residences proposed by the project, the project non-residential floor area ratio (FAR) is approximately 1.5 and the project density is 125 dwelling units per acre.

2.1.4 Parking

The eight-story parking garage and below grade parking proposed by the project would provide a total of 1,392 parking spaces. An eight-story parking garage is proposed on the east side of the project site, between the mixed-use building and Interstate 880 (I-880), which would provide approximately 634 parking spaces. The mixed-use building and parking garage would be constructed atop three levels of below-grade parking, which would provide approximately 758 parking spaces.

2.1.5 Common Open-Space

The proposed project includes three common open-space areas, which would provide a total of 72,193 sf of common open-space for use by the residents of the proposed project. A central courtyard common open-space area is proposed on the fifth floor of the mixed-use building and rooftop common open-space areas are proposed atop the mixed-use building and the parking garage.

The central courtyard common open-space area would provide 15,525 sf of outdoor open-space on the fifth floor of the mixed-use building. The central courtyard is envisioned to be landscaped with raised planters and includes features such as walkways, benches, tot lots, and a fountain.

The mixed-use building rooftop common open-space area would provide 27,504 sf of outdoor open-space areas atop the 18th floor of the mixed-use building. The rooftop is envisioned to be landscaped with raised planters and include features such as walkways and benches. A four-foot glass windbreak over a three-foot solid wall is proposed around the outside perimeter of the rooftop open-space area.

The parking garage rooftop common open-space area would provide 15,260 sf of indoor common open-space areas and 13,864 sf of outdoor common open-space areas atop of the eighth level of the parking garage. The indoor common open-space areas are envisioned to include a bar/lounge and an exercise/fitness room. The outdoor common open-space areas are envisioned to include a garden area landscaped with raised planters and a pool with a spa. A four-foot glass windbreak over a three-foot solid wall is proposed around the outside perimeter of the rooftop open-space area.

2.1.6 Private Open-space

Each residence would include a private patio or balcony.

2.1.7 Access

Two driveways from Barber Lane would provide access to the project site: one driveway would be located adjacent to the north boundary of the project site (north driveway) and the other would be located adjacent to the south boundary (south driveway). The north driveway would provide ingress and egress for residents, commercial customers, and employees. The south driveway would provide ingress and egress for service vehicles only.

Both the north and south driveways will provide emergency vehicle access to the proposed development. As shown on the conceptual site plan (Figure 3), an area for fire trucks and other emergency vehicles to turn around is provided at the end of each driveway. Access to the project site will be designed to meet the requirements of the Milpitas Fire Department.

2.1.8 Setbacks

The proposed building would be oriented with the front facing Barber Lane. The building would be set back 55 feet from the back of the Barber Lane sidewalk, 40 feet from the north boundary of the project site, and 32.25 feet from the south boundary of the project site. The setback from Barber Lane would be landscaped with trees and a water feature. The side setback areas would mostly be developed with driveways and a small strip of landscaping adjacent to the property lines.

The proposed parking structure would be set back a minimum of 15 feet from the north property line and a minimum of 16 inches from the south property line. Parking structure setbacks from the (rear) east property line would range from zero to 15 feet.

The setbacks will be designed to meet the requirements of the Milpitas Fire Department.

SECTION 3 CONSISTENCY WITH ADOPTED PLANS

This section complies with CEQA Guidelines Section 15125(d), which requires that an EIR discuss any inconsistencies between the proposed project and applicable general plans and regional plans.

3.1 CITY OF MILPITAS GENERAL PLAN

The Milpitas General Plan is a comprehensive, long-term plan that represents the City's official development policy. The following is a summary of major strategies and policies that apply to the proposed project.

General Plan Map

The City of Milpitas General Plan Map designates the project site *General Commercial*. This designation allows for a wide range of retail sales, and personal and business services accessed primarily by the automobile. The maximum allowed floor area ratio (FAR) is 0.5. The designation does not allow residential uses at the project site.

Consistency: The proposed project includes up to 375 residences (i.e, 125 dwelling units per acre) and up to 197,765 square feet of commercial uses (i.e., 1.5 FAR). The proposed project is not consistent with the site's existing General Plan land use designation (i.e., *General Commercial)*, because the existing designation does not allow residential development on the site and the project FAR is triple the FAR allowed under the *General Commercial* land use designation. To correct this inconsistency, the project proposes an amendment to the City of Milpitas General Plan that would change the land use designation of the project site to *Mixed-Use (with HR Overlay)* (refer to **Section 2 Project Description**). The proposed land use designation would allow a density of 60 to 150 dwelling units per acre and an FAR of up to 2.0, and is intended for areas that are well suited for taller, high density mixed-use buildings located along freeways. The residential density (i.e, 125 dwelling units per acre) and commercial FAR (i.e., 1.5 FAR) proposed by the project is consistent with the proposed land use designation and the site is located adjacent to Interstate 880 and in close proximity to transit and existing and planned jobs. For these reasons, the project is consistent with the proposed General Plan land use designation.

Land Use Element

The Land Use Element correlates land use policies contained in the other elements of the Milpitas General Plan. Land Use designations on the General Plan diagram and building densities and intensity standards contained in the Land Use Element, provide a basis for determining future traffic conditions and the need for capital facilities, such as street improvements, parks, and schools.

Policy 2.a-G-2: Maintain a relatively compact urban form.

Policy 2.a-G-3: Provide for a variety of housing types and densities that meet the needs of individuals and families.

Policy 2.a-I-1: New developments should not exceed the building intensity limits established in the General Plan.[1]

[1] Unless permitted pursuant to access-mandated density bonuses for affordable housing as shown on page 2-11 of the Milpitas General Plan.

Policy 2.a-I-2: Promote development within the incorporated limits which acts to fill-in the urban fabric rather than providing costly expansion of urban services into outlying areas.

Policy 2.a-I-12: Use zoning for new residential developments to encourage a variety and mix in housing types and costs.

Policy 2.a-I-13: Geographically disperse similar development types throughout the community so that denser districts are not concentrated within a single area of the City.

Policy 2.b-I-2: Consider locating housing in close proximity to industrial developments where they can be served by existing city services and facilities.

Policy 2.b-I-3: Provide housing opportunities in Milpitas by meeting the City's regional fair-share housing obligations.

Consistency: The proposed development will assist the City of Milpitas maintain a compact form by redeveloping a centrally located, underutilized infill site with high-density housing, commercial, and office uses. The project proposes an amendment to the General Plan allowing the proposed development. The proposed project will provide high density housing in close proximity to existing and planned jobs and will help the City meet its fair share housing obligation. The project, therefore, is consistent with the policies of the General Plan Land Use Element.

Circulation Element

The Circulation Element is correlated with the Land Use Element, which includes policies related to the physical framework for development that the circulation system is designed to serve. It is also related to the recreational plans and policies identified in the Open-Space and Environmental Conservation Element.

Policy 3.a-G-1 Continue to utilize the City's adopted Level of Service standards in evaluating development proposals and capital improvements.

Policy 3.a-G-2 Maintain acceptable service standards for major streets and intersections.

Policy 3.a-I-1: Strive to maintain CMP LOS standards and goals for the CMP Roadway System in Milpitas.

Policy 3.a-I-5 Continue to monitor traffic service levels and implement Circulation Element improvements prior to deterioration in levels of service to below the stated standard.

Policy 3.b-I-1 Require new development to pay its share of street and other traffic improvements based on its impacts.

Policy 3.b-I-2 Require all projects that generate more than 100 peak-hour (A.M. or P.M.) trips to submit a transportation impact analysis that follows guidelines established by CMP.

Policy 3.d-I-15 Encourage new and existing developments to provide end-of-trip facilities such as secure bicycle parking, on-site showers and clothing storage lockers, etc.

Consistency: A transportation impact analysis (refer to **Section 4.2 Transportation and Traffic**) was prepared for the proposed project. Traffic from the proposed project would significantly impact six signalized intersections. Mitigation measures included in the project would reduce impacts at two of the six signalized intersections to a less than significant level by improving operations to an acceptable level of service (i.e., McCarthy Boulevard/Tasman Drive) or providing a fair-share contribution towards funding the grade separation of Montague Expressway over McCarthy Boulevard (i.e., McCarthy Boulevard-O'Toole Avenue/Montague Expressway). There are no feasible mitigation measures available to reduce project impacts at four intersections to a less than significant level. Traffic from the proposed project exacerbates LOS E operations at the intersection of Bellew Drive/McCarthy Boulevard during the PM peak hour, exacerbates LOS F operations at the intersection of Alder Drive/Tasman Drive during the PM peak hour, exacerbates LOS F operations during the AM peak hour at the intersection of Great Mall Parkway/I-880 Northbound Ramps and exacerbates LOS E operations during the PM peak hour at the intersection of Tasman Drive/I-880 Southbound Ramps.

In accordance with the Congestion Management Agency Transportation Impact Analysis Guidelines, the City will require the project to implement the "Immediate Actions" list in Appendix D of the Draft Countywide Deficiency Plan as part of the project's approval. These actions (e.g., sidewalks, paths, and crosswalks) encourage the use of non-automobile modes. The proposed project would result in a significant unavoidable impact at four intersections. For this reason, the proposed project is not consistent with the Circulation Element of the City of Milpitas General Plan.

Open-Space & Environmental Conservation Element

The purpose of the Conservation Element is to assure the conservation, development, and use of natural resources including water, forests, soils, rivers, fisheries, wildlife, minerals, and other natural resources. Similarly, the purpose of the Open-Space Element is to assure the continued availability of land for the managed production of resources, to protect the enjoyment of scenic beauty and ensure provision of recreation, to identify and preserve lands whose indiscriminate development could compromise public health and safety, and to preserve natural resources.

Policy 4.a-I-1: Provide five acres of neighborhood and community parks for every 1,000 residents outside of the Midtown Specific Plan Area, and 3.5 acres of special use parks for every 1,000 residents within the Midtown Specific Plan Area.

Policy 4.a-I-2: For areas outside the Midtown Specific Plan Area, require land dedication or in lieu fees equivalent to the five acres/1,000 resident standard, but allow credit for private open-space for up to two acres/1,000 residents for private open-space provided in accordance with the criteria specified in the Subdivision Regulations.

Policy 4.d-I-1: Continue implementing the National Pollutant Discharge Elimination System (NPDES) requirements for the Regional Water Quality Control Board.

Consistency: The project site is a developed urban site. Development of the project site will not result in the loss of natural resources. The proposed project will comply with the City's residential park requirement (see **Section 5 Availability of Public Services** of this EIR) and the provisions of the NPDES permit (see **Section 4.8 Hydrology and Water Quality** of this EIR). The project, therefore, is consistent with the Open-Space Element of the General Plan.

Seismic and Safety Element

State Law requires "…safety element for the protection of the community from any unreasonable risks associates with the effects of seismically induced surface rupture, ground shaking, ground failure, …dam failure; slope instability leading to mudslides and landslides, subsidence, liquefaction and other seismic hazards identified pursuant to Chapter 7.8 of the Public Resources Code and other geologic hazards known to the legislative body; flooding; and wild land and urban fires…."

Policy 5.a-G-1 Minimize threat to life and property from seismic and geologic hazards.

Policy 5.a-I-3: Require projects to comply with the guidelines prescribed in the City's Geotechnical Hazards Evaluation manual.

Policy 5.c-G-1: Provide high quality, effective and efficient fire protection services for the Milpitas area residents.

Consistency: The proposed project will comply with the requirements of the Uniform Building Code for Seismic Zone 4 (see **Section 4.7 Geology and Soils** of this EIR). The Uniform Building Code for Seismic Zone 4 addresses all the geotechnical hazards outlined in the City's *Geotechnical Hazards Evaluation Manual*. The project site is not within a 100-year floodplain and is not subject to wildland fires. Because the project site is an infill site, the proposed project would require the extension of existing fire protection services and, therefore, supports the City's goal to provide high quality, effective and efficient fire protection services. For these reasons, the proposed project is consistent with the Seismic and Safety Element of the General Plan.

Noise Element

The Noise Element provides an understanding of existing and future noise conditions in the Planning Area, establishes a basis for evaluating potential noise level impacts on future development, and includes policy statements to guide public and private planning to attain and maintain acceptable noise levels.

Policy 6-I-2: Require an acoustical analysis for projects located within a "conditionally acceptable" or "normally unacceptable" exterior noise exposure area. Require mitigation measures to reduce noise to acceptable levels.

Policy 6-I-4: Where actual or projected rear yard and exterior common open-space noise exposure exceeds the "normally acceptable" levels for new single-family and multi-family residential projects, use mitigation measures to reduce sound levels in those areas to acceptable levels.

Policy 6-I-5: All new residential development (single family and multi-family) and lodging facilities must have interior noise levels of 45 dB DNL or less. Mechanical ventilation will be required where use of windows for ventilation will result in higher than 45 dB DNL interior noise levels.

Policy 6-I-13: Restrict the hours of operation, technique, and equipment used in all public and private construction activities to minimize noise impact. Include noise specifications in requests for bids and equipment information.

Consistency: Interstate 880 is the dominating noise source at the project site. Using the guidelines in Table 6-1 (Noise and Land Use Compatibility) of the General Plan Noise Element as review criteria for development projects, existing noise levels on the project site range from levels that are normally unacceptable for residential development (i.e., 80 dBA DNL adjacent to Interstate 880) to levels that are conditionally acceptable for residential development (i.e., 65 dBA DNL adjacent to Barber Lane). Therefore, an acoustical analysis was prepared for the proposed project. The acoustical analysis identified measures to reduce project and interior noise levels to acceptable levels, and these measures are included in the proposed project **(refer to Section 4.3 Noise of this EIR)**. Although all residents would have access to common outdoor use areas that meet the 65 dBA DNL criteria, including the central courtyard outdoor area on the fifth floor, the majority of the mixed-use building rooftop outdoor area, and the western portion of the parking garage rooftop outdoor area, portions of the rooftop outdoor common open-space areas would be exposed to noise levels above the General Plan's 65 dBA DNL criteria. For these reasons, the proposed project is consistent with Noise Element of the General Plan.

3.2 BAY AREA 2005 OZONE STRATEGY

The Bay Area Air Quality Management District (BAAQMD), in cooperation with the Metropolitan Transportation Commission (MTC) and Association of Bay Area Governments (ABAG), prepared the Bay Area 2005 Ozone Strategy (Ozone Strategy). The Ozone Strategy serves as a roadmap showing how the San Francisco Bay Area will achieve compliance with the state one-hour air quality standard for ozone as expeditiously as practicable and how the region will reduce transport of ozone and ozone precursors to neighboring air basins. The Ozone Strategy updates Vehicle Miles Traveled (VMT) and other assumptions in the 2000 Clean Air Plan (CAP) related to the reduction of ozone in the atmosphere and serves as the current CAP for the Bay Area. The consistency of the proposed project with this regional plan is primarily a question of consistency with population/employment assumptions utilized in developing the Ozone Strategy, which were based on ABAG Projections 2002.

Consistency: The project will increase the amount of traffic on local streets and freeways compared to the existing land use. This increase in traffic would be a source of increased air pollution emissions, which would contribute to exceedences of regional air quality standards. Construction activities associated with future development would also generate minor temporary air quality pollution impacts. The provision of a significant number of housing units in close proximity to the job centers of north Santa Clara County and to existing and planned transit facilities is compatible with the overall goals and policy direction of the Ozone Strategy. Because this site is not currently designated residential, however, the housing proposed by the project is not consistent with the current assumptions reflected in the adopted Ozone Strategy.

3.3 STATE WATER QUALITY CONTROL BOARD NATIONAL POLLUTANT DISCHARGE ELIMINATION SYSTEM PERMIT

The Federal Clean Water Act requires local municipalities to implement measures to control construction and post-construction pollution entering local storm drainage systems to the maximum extent practicable. In compliance with the Federal Clean Water Act, the State Water Resources Control Board (SWRCB) manages the National Pollution Discharge Elimination System (NPDES) General Permit for Construction Activities and the Regional Water Quality Control Board (RWQCB) manages the Municipal Storm Water NPDES Permit. Two programs, the Nonpoint Source Pollution Program and the Santa Clara Valley Urban Runoff Pollution Prevention Program (SCVURPPP),

have been implemented under the NPDES permit to regulate construction and post-construction runoff.

3.3.1 *Nonpoint Source Pollution Program*

In 1988 the SWRCB adopted the Nonpoint Source Management Plan in an effort to control nonpoint source pollution in California. In December 1999, the Plan was updated to comply with the requirements of Section 319 of the Clean Water Act and Section 6217 of the Coastal Zone Act Reauthorization Amendment of 1990. The Nonpoint Source Management Program requires individual permits to control discharge associated with construction activities. The Nonpoint Source Program is managed by the SWRCB under the NPDES General Permit for Construction Activities. Projects must comply with the requirements of the Nonpoint Source Program if:

- they disturb one or more acres of soil; or
- if they disturb less than one acre of soil but are part of a larger development that, in total, disturbs one acre or more of soil.

The NPDES General Permit for Construction Activities requires the developer to submit a Notice of Intent (NOI) to the SWRCB and to prepare a Stormwater Pollution Prevention Plan (SWPPP) to control discharge associated with construction activities.

Consistency: The proposed development would not increase storm water runoff. Development on the site will conform to the requirements of the City of Milpitas Stormwater C.3 Guidebook and the countywide National Pollutant Discharge Elimination System (NPDES) permit regarding erosion and sedimentation control during construction (refer to **Section 4.8 Hydrology and Water Quality**).[2]

3.3.2 *Santa Clara Valley Urban Runoff Pollution Prevention Program*

The Santa Clara Valley Urban Runoff Pollution Prevention Program (Program) is an association of thirteen cities (including the City of Milpitas) and towns in the Santa Clara Valley, together with Santa Clara County and the Santa Clara Valley Water District. Program participants, referred to as Co-permittees, share a common permit to discharge stormwater to South San Francisco Bay. This common permit is the Municipal NPDES storm water permit. The Program incorporates regulatory, monitoring and outreach measures aimed at improving the water quality of South San Francisco Bay and the streams of the Santa Clara Valley to reduce pollution in urban runoff to the "maximum" extent practicable. The Municipal NPDES storm water permit includes provisions requiring regulation of storm water discharges associated with new development that creates or adds 10,000 square feet or more of impervious surfaces and development of an area-wide watershed management strategy. The permit also identifies recommended actions for the preservation, restoration, and enhancement of the San Francisco Bay Delta Estuary.

Consistency: As discussed in **Section 4.8 Hydrology and Water Quality**, the proposed project includes applicable Best Management Practices (BMPs) during and after construction. These BMPs will ensure that contaminants do not enter the stormwater system, erosion or sedimentation does not impact local waterways, and stormwater runoff from the project site is reduced to the maximum extent practicable. The implementation of erosion control and storm water management practices

[2] The Regional Water Quality Control Board is currently preparing a new Municipal Regional Permit, which will replace the existing NPDES permit. The proposed project will be subject to all requirements in place when the project application is deemed complete.

during and after project construction will be in accordance with the SCVURPPP, NPDES permit requirements, and the City's Stormwater C.3 Guidebook. The proposed project would not result in an impact upon the conservation and restoration of streams and riparian zones or areas of special or unique ecological significance. For these reasons, the proposed project would be consistent with the SCVURPPP and NPDES permit process.

3.4 SANTA CLARA COUNTY CONGESTION MANAGEMENT PROGRAM

The Santa Clara Valley Transportation Authority (VTA) is the Congestion Management Agency (CMA) for Santa Clara County and oversees the Santa Clara County *Congestion Management Program* (CMP), last updated in July 1995. The relevant State legislation requires that all urbanized counties in California prepare a CMP in order to obtain each county's share of increased gas tax revenues. The CMP legislation requires that each CMP contain five mandatory elements: 1) a system definition and traffic level of service (LOS) standard element; 2) a transit service and standards element; 3) a transportation demand management and trip reduction element; 4) a land use impact analysis element; and 5) a capital improvement element. Santa Clara County's CMP includes the five mandated elements and three additional elements, including a county-wide transportation model and database element, an annual monitoring and conformance element, and a deficiency plan element.

The Santa Clara County CMP includes intersections within Milpitas that are identified as CMA intersections. The CMA intersections in the immediate vicinity of the project site that would be affected by project-generated traffic include West Calaveras Boulevard/South Abel Street, East Calaveras Boulevard/South Milpitas Boulevard, Great Mall Parkway-East Capitol Avenue/Montague Expressway, and McCarthy Boulevard/Montague Expressway.

The CMP also includes freeway segments. The five CMA freeway segments that would be affected by project-generated traffic include:

- I-880: SR 237 to Great Mall Parkway
- I-880: Great Mall Parkway to Montague Expressway
- I-880: Montague Expressway to Brokaw Road
- SR 237: Zanker Road to McCarthy Boulevard
- SR 237: McCarthy Boulevard to I-880

Consistency: The Transportation Impact Analysis prepared for the proposed project meets the requirements of the City of Milpitas and the Congestion Management Agency Transportation Impact Analysis Guidelines. As discussed in **Section 4.2 Transportation and Traffic**, the traffic impact analysis of the proposed project conforms to the requirements of the CMA.

SECTION 4 ENVIRONMENTAL SETTING, IMPACTS AND MITIGATION

4.1 LAND USE

4.1.1 Regulatory Setting

4.1.1.1 *City of Milpitas General Plan and Zoning Ordinance*

The City of Milpitas General Plan is an adopted statement of goals and policies for the future character and quality of development of the community. The Zoning Ordinance establishes various districts within the City and specifies the lawful and unlawful uses within the districts to encourage the most appropriate use of land within the City.

4.1.2 Existing Conditions

The following discussion identifies the existing conditions on and surrounding the project site in terms of land uses. An aerial photograph of the project site and surrounding land uses is shown on Figure 7.

4.1.2.1 *Land Uses on the Project Site*

The approximately 3-acre project site is located immediately west of Interstate 880 (I-880) at 600 Barber Lane in the City of Milpitas (see Figures 1 and 2). The project site is the former location of Billing's Chevrolet, and is currently developed with a two-story auto showroom building that is surrounded by a parking lot. The auto showroom building is currently vacant. A water line easement is located along the east and north boundaries of the project site.

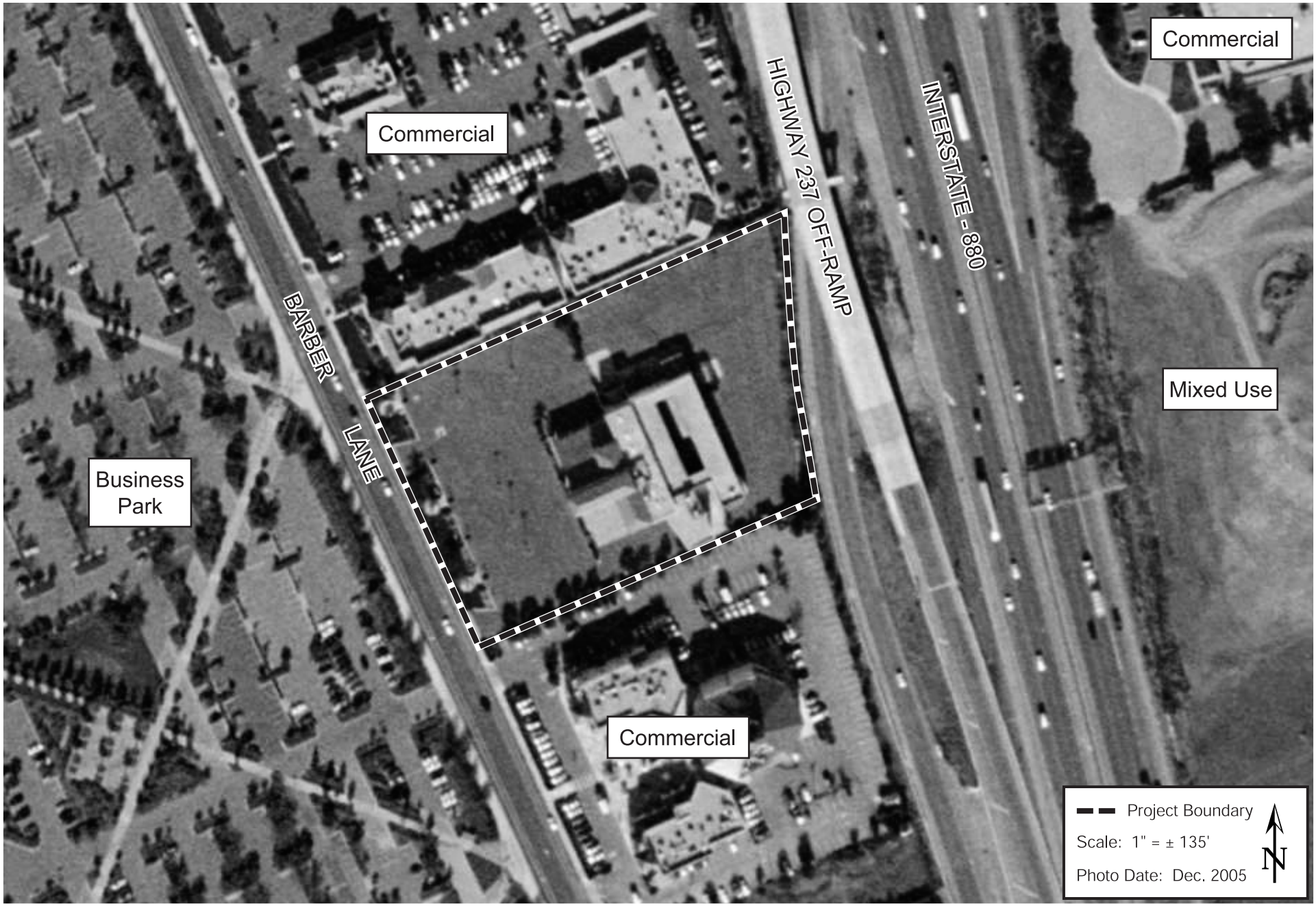
4.1.2.2 *Land Uses Surrounding the Project Site*

The project site is bounded on the west by Barber Lane; across Barber Lane is a business park developed with a large, landscaped parking lot and five office buildings reaching up to three-stories in height. Immediately north of the project site is a shopping center with one-story buildings and a surface parking lot. Immediately east of the project site is I-880, including an elevated on-ramp from westbound Highway 237 to southbound I-880. Immediately south of the project site is a shopping center with two-story buildings and a surface parking lot.

4.1.2.3 *Land Use Plans, Policies, and Regulations*

The project site's existing General Plan land use designation is *General Commercial*. The *General Commercial* land use designation allows for a wide range of retail sales as well as personal and business services. Consistent with the General Plan, the existing project site is zoned *C-2 General Commercial District*.

The project site is not the subject of any other land use plans, policies, or regulations.



AERIAL PHOTOGRAPH

FIGURE 7

4.1.3 Land Use Impacts

4.1.3.1 *Thresholds of Significance*

For the purposes of this EIR, a significant land use impact will occur if the project would:

- convert land designated by the California Resources Agency as Prime Farmland, Unique Farmland, or Farmland of Statewide Importance (Farmland), to non-agricultural use; or
- conflict with existing zoning for agricultural use, or a Williamson Act contract; or
- involve other changes in the existing environment which, due to their location or nature, could result in conversion of Farmland to non-agricultural use; or
- physically divide an established community; or
- place incompatible land uses adjacent to existing uses; or
- conflict with any applicable land use plan, policy, or regulation of an agency with jurisdiction over the project (including, but not limited to, the general plan, specific plan, local coastal program, or zoning ordinance) adopted for the purpose of avoiding or mitigating an environmental effect; or
- conflict with any applicable habitat conservation plan (HCP) or natural community conservation plan (NCCP).

The existing project site is developed and located within an urbanized commercial/industrial area. The site is not designated by the California Resources Agency as Farmland of any type, and is not under a Williamson Act contract. There are no open-space uses on or adjacent to the project site. The site is not within the boundaries of a habitat conservation plan (HCP) or natural community conservation plan (NCCP). The project will not create a physical barrier within an established community. For these reasons, the proposed project would not result in the loss of farmland directly or indirectly, conflict with a conservation plan or land use plan, or divide an established community.

4.1.3.2 *Land Use Conflicts*

Land use conflicts can arise from two basic causes: 1) a new development or land use may cause impacts to persons or the physical environment in the vicinity of the project site or elsewhere; or 2) conditions on or near the project site may have impacts on the persons or development introduced onto the site by the proposed project. Both of these circumstances are aspects of land use compatibility. Incompatibility may arise from placing a particular development or land use at an inappropriate location, or from some aspect of the project's design or scope. Depending on the nature of the impact and its severity, land use compatibility conflicts can range from minor irritations and nuisance to potentially significant effects on human health and safety. The discussion below distinguishes between potential impacts *from* the project *upon* persons and the physical environment, and potential impacts *from* the project's surroundings *upon* the project itself.

Land Use Impacts from the Project

The proposed project is generally compatible with the existing commercial and office uses and the existing freeway located adjacent to the project site. The existing water line easement along the east and west boundaries of the project site will remain accessible with the proposed project. The proposed building will be located outside the easement and the contractor will protect the existing water line within the easement from excess loads during project construction. The project is not expected to result in land use impacts upon these surrounding uses. **[Less than Significant Impact]**

Land Use Impacts to the Project

The proposed residential uses would be affected by noise and air pollutant emissions from the adjacent freeway. The noise and air quality impacts upon the proposed project from the adjacent freeway are discussed in **Section 4.3 Noise** and **Section 4.4 Air Quality**, respectively. Hazardous material impacts upon the proposed project from existing industrial uses in the project area are discussed in **Section 4.9 Hazardous Materials**. The adjacent commercial and office uses that surround the project site do not have outdoor operations or storage areas that generate noise or dust or would otherwise adversely affect the proposed project. **[Less than Significant Impact]**

4.1.3.3 *City of Milpitas General Plan and Zoning Ordinance*

The proposed project includes up to 375 residences (i.e, 125 dwelling units per acre) and up to 197,765 square feet of commercial uses (i.e., 1.5 floor area ratio). This is not consistent with the site's existing General Plan land use designation (i.e., *General Commercial*) or the existing zoning district (i.e., C-2 *General Commercial District*), because neither allow residential development and the FAR proposed by the project is higher than allowed under both the existing land use designation and zoning.

The project proposes and amendment to the General Plan Land Use Element that would change the site's land use to *Very High Density Mixed-Use (with High Rise [HR] Overlay*). The *Very High Density Mixed-Use (with HR Overlay)* designation allows for commercial offices, retail and personal service, high density residential and public and quasi-public uses. Mixed-use buildings can contain a combination of residential and commercial uses. The *Very High Density Mixed-Use with an HR Overlay* allows between 60-150 dwelling units per gross acre and a floor area ratio (FAR) of up to 2.0 and is intended for areas that are well suited for taller, high density mixed-use buildings located along freeways.

The project proposes an amendment to the Zoning Map that would change the site's zoning to *Very High Density Mixed-Use (MXD3) with an HR Overlay*. This amendment is part of the Transit Area Specific Plan scheduled for Council review in June 2008. The *MXD3* zoning district would allow for commercial offices, retail and personal service, high density residential and public and quasi-public uses with a density between 41-60 dwelling units per gross-acre and a FAR of up to 1.5. As proposed, the *High-rise Overlay District* can be used with high density mixed-use zones. When overlayed with *MXD3*, it allows densities between 60-150 dwelling units per gross-acre and a FAR of up to 2.0.

As discussed in this section, the proposed construction of a mixed-use building that could include up to 148,805 square feet of retail uses, 48,960 square feet of office space, and 375 residential units would not result in land use conflicts upon the surrounding land uses and vice-versa, or any other land use impacts. Therefore, the amendment to the General Plan and Zoning Ordinance proposed by the project is not considered to result in a significant impact related to land use compatibility. **[Less than Significant Impact]**

4.1.3.4 *California Fire Code*

The California Fire Code section 1001.12 (as amended by the Milpitas Municipal Code, Title V, Chapter 300-2.39) requires buildings greater than 150 feet in height (above the lowest level of Fire Department access) to provide a helicopter pad meeting the requirements of the Fire Department. The proposed project would have a maximum height of approximately 277 feet. The proposed

project does not include a helicopter pad. As a condition of project approval, the project shall be required to construct a helicopter pad meeting the requirements of the Milpitas Fire Department.

Impact LU-1: The proposed project conflicts with the regulations adopted for the purpose of avoiding or mitigating an environmental effect. **[Significant Impact]**

4.1.4 Mitigation and Avoidance Measures for Land Use Impacts

The following measure is condition of project approval and shall be printed on all construction documents, contracts, and project plans:

MM LU-1.1: Prior to issuance of an occupancy permit, the developer shall construct a helicopter pad meeting the requirements of the Milpitas Fire Department.

4.1.5 Land Use Conclusion

The proposed project, including the condition of project approval requiring the construction of a helicopter pad, would not result in land use conflicts upon the surrounding land uses and vice-versa, or any other land use impacts. **[Less than Significant Impact with Mitigation]**

4.2 TRANSPORTATION AND TRAFFIC

This section is primarily based upon a Transportation Impact Analysis (TIA) prepared for the proposed project by *Fehr & Peers Associates, Inc.* in April 2008. The TIA was completed to identify impacts to the transportation system that could result from the proposed project and to identify feasible mitigation measures for any significant impacts. The complete TIA is included as Appendix A of this EIR.

4.2.1 Regulatory Setting

4.2.1.1 *Santa Clara Valley Transportation Authority*

The Santa Clara Valley Transportation Authority (VTA) is the Congestion Management Agency (CMA) for Santa Clara County and oversees the Santa Clara County *Congestion Management Program* (CMP). The CMP identifies regional intersections in the county that are under the control of the CMA. The CMA requires a Transportation Impact Analysis if 100 or more peak hour vehicle trips are generated by a proposed project. CMA's traffic level of service standard for CMA intersections in the county is LOS E. Where LOS F was the level of service originally measured, traffic conditions may not increase by more than the CMA traffic level of service thresholds, which are as follows:

- Urban arterials (intersection): The addition of project traffic increases the average stopped delay for the critical movements by four seconds or more and increase critical V/C by 0.01 or more. The exception to this threshold is when the addition of project traffic reduces the amount of average stopped delay for critical movements (i.e. the change is average stopped delay for critical movements is negative). In this case, the threshold is when the project increases the critical V/C value by 0.01 or more.
- Freeway: The number of vehicle trips added is more than 1 percent of the freeway capacity.

Projects that affect CMA intersections operating below the CMA standard are required to mitigate their traffic impacts or to implement deficiency plan actions commensurate with their impacts.

4.2.1.2 *City of Milpitas Level of Service Policies*

The General Plan of the City of Milpitas states that the level of service goal for the local roadway system is LOS D, and LOS E for regional CMA intersections.

4.2.2 Existing Setting

4.2.2.1 *Transportation System*

The transportation system includes the roadway network, pedestrian and bicycle facilities, and public transit. These components of the transportation system as they related to the project site are discussed in further detail below.

Roadway Network

Regional access to the project site is provided by I-880, I-680, SR 237, Montague Expressway, and Tasman Drive/Great Mall Parkway. Local access to the site is provided by McCarthy Boulevard, Barber Lane, and Alder Drive. The roadway network is shown on Figure 8 and described in further detail below.

I-880 is a north-south freeway east of the project site ending in the City of San Jose to the south and the City of Oakland to the north. In the vicinity of the project site, the freeway includes eight and six lanes to the north and south of State Route (SR) 237/Calaveras Boulevard, respectively. The I-880/SR 237 interchange includes direct ramp connections for High Occupancy Vehicle (HOV) lanes between the west and north legs of the interchange. Regional access to the project site is provided via the interchange at Tasman Drive/Great Mall Parkway. Although both travel directions are congested during the PM peak hour, the peak direction of travel is southbound during the AM peak hour and northbound during the PM peak hour. .

I-680 is a north-south freeway east of the project site ending in the City of San Jose to the south and Solano County to the north. In the vicinity of the project site, the freeway includes six mixed-flow lanes plus a southbound HOV lane and eight mixed-flow lanes to the north and south of Calaveras Boulevard (SR 237), respectively. Access to the site is provided via an interchange at Calaveras Boulevard. Southbound I-680 is the commute direction during the AM peak hour, and northbound I-680 is the commute direction during the PM peak hour.

SR 237 is an east-west roadway that includes two distinct facilities: a six-lane freeway extending from I-880 west to US 101, and a four- to six-lane arterial roadway between I-880 and I-680 with an elevated section over the Union Pacific Railroad tracks and Main Street. The arterial section is locally designated as Calaveras Boulevard and is six lanes, except on the bridge over the Union Pacific railroad tracks and Main Street, where it is four lanes. Calaveras Boulevard serves as a major commute route with heavy directional travel during the peak hours (westbound in the morning and eastbound in the afternoon). Regional access to the project site is provided via the interchange at McCarthy Boulevard.

Montague Expressway is an east-west, six- to eight-lane divided arterial roadway extending from US 101 east to I-680. This facility is designated San Tomas Expressway west of US 101 and Landess Avenue east of I- 680. Montague Expressway includes directional HOV lanes during peak periods (westbound during the morning and eastbound during the afternoon commute hours). Montague Expressway connects with I-880 via a full cloverleaf interchange.

Tasman Drive is an east-west, six-lane divided arterial roadway extending from I-880 west into the Cities of San Jose, Santa Clara, and Sunnyvale. Great Mall Parkway is an east-west, six-lane divided arterial roadway extending from I-880 east to Montague Expressway. Tasman Drive is designated Great Mall Parkway east of I-880 and extends to Montague Expressway. Great Mall Parkway becomes Capitol Avenue east of Montague Expressway and continues south through the City of San Jose. VTA operates light-rail transit (LRT) service along the median of Tasman Drive/Great Mall Parkway/Capitol Avenue.

McCarthy Boulevard is a north-south, four- to six-lane arterial roadway extending from Dixon Landing Road (north of Ranch Drive) south to Montague Expressway. McCarthy Boulevard is designated as O'Toole Avenue south of Montague Expressway.

Barber Lane is a north-south, two-lane collector roadway extending from Bellew Drive south to McCarthy Boulevard (near Montague Expressway). Barber Lane runs parallel to and between McCarthy Boulevard and I-880. Barber Lane crosses under Tasman Drive, which is accessed via Alder Drive.

Alder Drive is an east-west, four-lane collector roadway extending from McCarthy Boulevard east to Barber Lane. Alder Drive serves as the connection between Barber Lane and Tasman Drive.

Pedestrian Facilities

Pedestrian facilities are comprised of sidewalks, crosswalks, and off-street paths. In the project area, sidewalks are provided on both sides of Barber Lane, Bellew Drive, and Tasman Drive. As shown on Figure 9, a pedestrian path, parallel to Tasman Drive, provides a connection from Alder Drive to the sidewalk on the west side of Barber Lane. There are no sidewalks on Barber Lane south of the Tasman Drive overpass. Sidewalks are also provided on one or both sides of Alder Drive, and McCarthy Boulevard near the site. Crosswalks are located at all signalized intersections in the project area and a crosswalk across Barber Lane is located approximately 500 feet south of the project site.

Bicycle Facilities

Bicycle facilities are comprised of paths (Class I), lanes (Class II), and routes (Class III). Bicycle paths are paved trails that are separate from roadways. Bicycle lanes are lanes on roadways designated for bicycle use by striping, pavement legends, and signs. Bicycle routes are roadways designated for bicycle use by signs only. The various bicycle facilities in the project area are described below and Figure 9 shows the existing bicycle facilities in the project area.

Class I bicycle paths are located on both sides of SR 237 west of McCarthy Boulevard and on the east side of Coyote Creek north of SR 237. Class II bicycle lanes are located on both sides of Barber Lane, Alder Drive, and Tasman Drive/Great Mall Parkway. Class III bicycle routes are located on McCarthy Boulevard and Ranch Drive.

Public Transit

Public transit in the immediate project area includes bus and light rail service operated by the Santa Clara Valley Transportation Authority (VTA). The bus routes and the light rail facility that operate in the project area are described below and shown on Figure 10. Table 1 summarizes the destinations, hours and days of operation, and service frequencies for the bus routes and light-rail line.

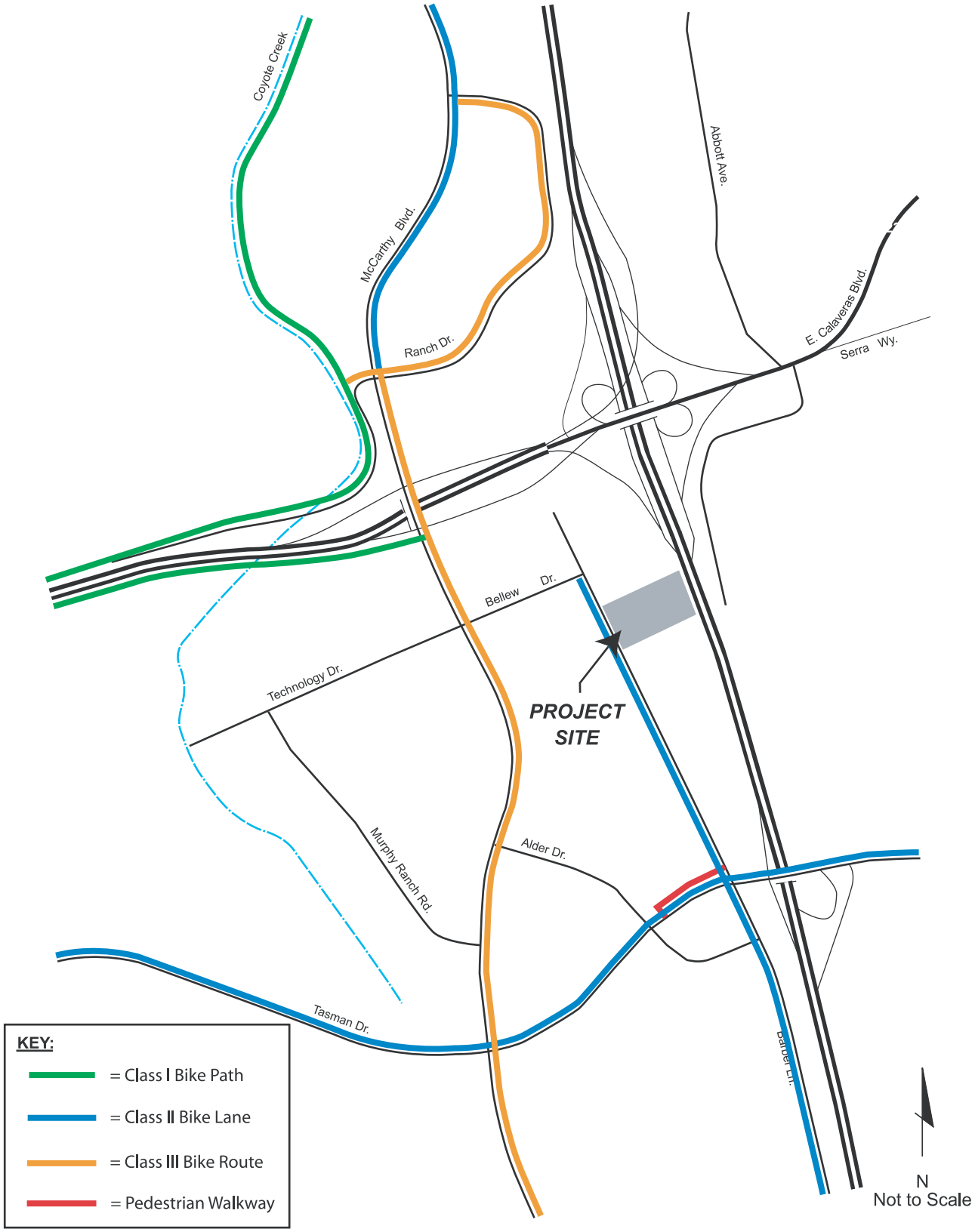
Bus Service

Bus Route 33 operates on Barber Lane adjacent to the project site. The Altamont Commuter Express (ACE) Purple Shuttle (Bus Route 825) and ACE Violet Shuttle (Bus Route 831) operate on portions of McCarthy Ranch Boulevard with stops located at Bellew Drive for both routes. Bus routes 140 and 330 operate on Tasman Drive with stops located at Alder Drive. Bus route 180 and 181 pass through the I-880/Tasman Drive interchange without making stops in the project area. Bus routes 104 and 120 operate along SR 237 without making stops in the project area.

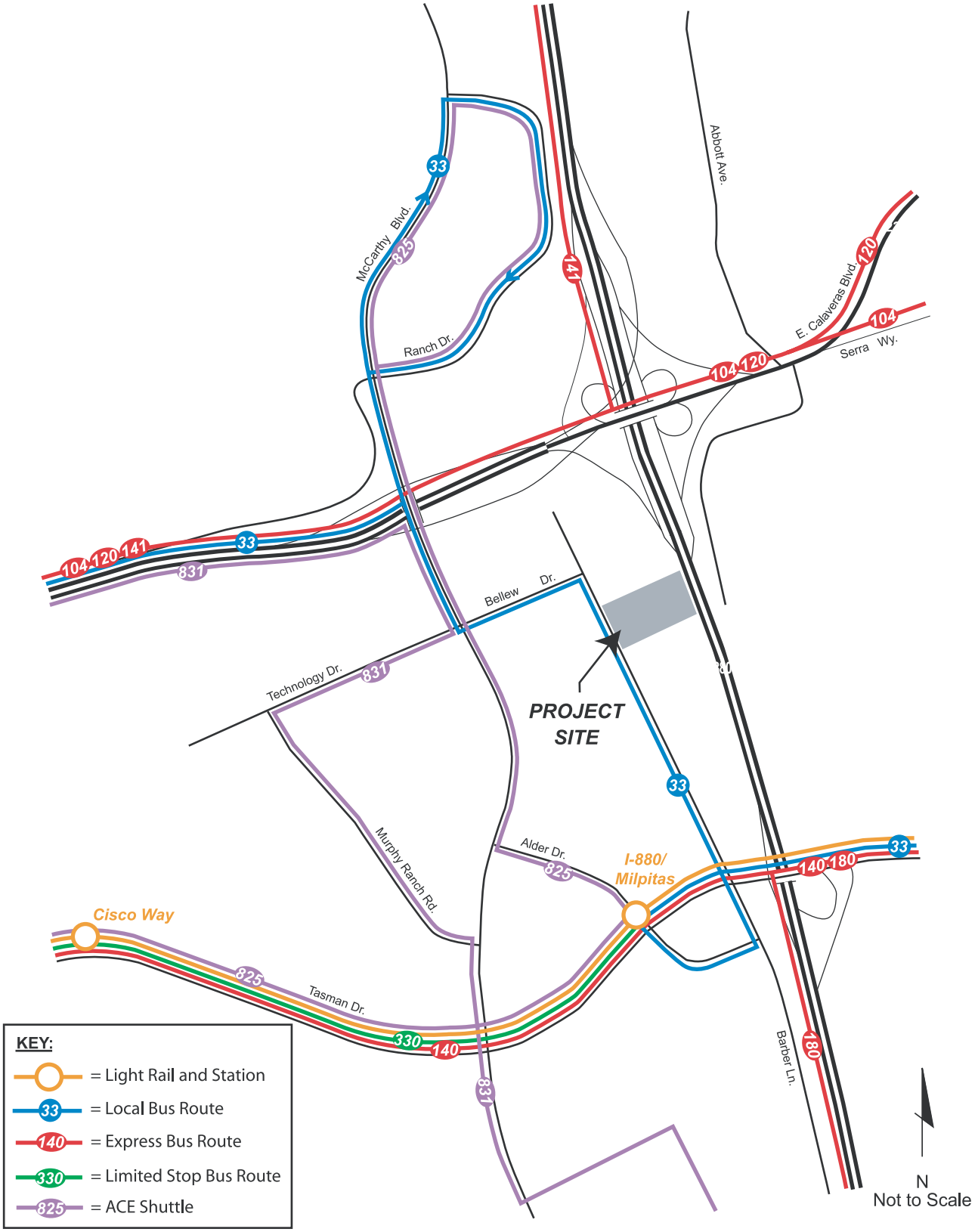
Light Rail Service

The Santa Teresa-Alum Rock light rail line operates on Tasman Drive with stops located at Alder Drive, approximately 2,200 feet southwest of the project site.

ROADWAY NETWORK FIGURE 8



EXISTING BICYCLE FACILITIES FIGURE 9



EXISTING TRANSIT FACILITY FIGURE 10

Table 1
Existing Weekday Public Transit Service

Route	From	To	Hours of Operation	Peak Headways	Non-Peak Headways
LRT	Santa Teresa	Alum Rock	4:20AM – 2:15AM	15	15
33	Baypointe Station	Great Mall/Main Station	6:10AM – 9:20PM	30	30
104	Penetencia Creek Station	Palo Alto	6:15AM– 9:00AM 4:00PM – 7:00PM	35-45	–
120	Fremont BART Station	Lockheed Martin	6:00AM – 9:25AM 4:00PM – 7:20PM	60-80	–
140	Fremont BART Station	Sunnyvale Caltrain Station	6:00AM – 9:25AM 4:00PM – 7:20PM	30-60	–
180	Fremont BART Station	San José Diridon Station	5:10AM – 12:30AM	15-20	30
181	Fremont BART Station	San José Diridon Station	6:00AM – 6:45PM	15-20	30
330	Almaden/Camden	I-880/Milpitas Station (Tasman/Alder)	6:25AM – 9:05AM 4:20PM – 7:10PM	40-55	–
825	Great America ACE/Amtrak Station	McCarthy Ranch (Tasman/Alder)	6:35AM – 9:00AM 3:20AM – 5:30PM	60-75	–
831	Great America ACE/Amtrak Station	McCarthy Ranch (McCarthy/Barber)	6:40AM – 9:00AM 3:10PM – 5:15PM	60-75	–

4.2.2.2 *Existing Traffic Operations*

The operations of 37 study intersections were evaluated during the weekday AM and PM peak hours. Intersection operations were evaluated for the highest one-hour volume between 7:00 and 9:00 AM and between 4:00 and 6:00 PM. The location of the study intersections are shown on Figure 8. Figures showing the existing AM and PM peak-hour turning movement volumes and existing intersection lane configurations and traffic control devices at the study intersections are included in Appendix A. The key intersections evaluated are listed in Table 4.

Level of Service Methodology

The operations of roadway facilities are described with the term Level of Service. Level of Service (LOS) is a qualitative description of traffic flow based on such factors as speed, travel time, delay, and freedom to maneuver. Six levels are defined from LOS A, as the best operating conditions, to LOS F, or the worst operating conditions. LOS E represents operations with high delay values indicating poor progression, long cycle lengths, and high volume to capacity (V/C) ratios. When volumes exceed capacity, stop-and-go conditions result, and operations are designated as LOS F.

Signalized Intersections

The level of service methodology approved by the City of Milpitas and the Santa Clara Congestion Management Agency (CMA) analyzes a signalized intersection's operation based on average control vehicular delay, which is calculated using the method described in Chapter 16 of the 2000 Highway Capacity Manual (HCM). [3] The average control delay for signalized intersections is calculated using TRAFFIX analysis software and is correlated to a LOS designation, as shown in Table 2. The LOS standard (i.e., minimum acceptable operations) for signalized intersections in the City of Milpitas and the City of Santa Clara is LOS D for non-CMA intersections and LOS E for CMA intersections. The LOS standard for all intersections within the City of San Jose and City of Fremont is LOS D.

[3] Average Control Delay time includes the time for initial deceleration delay, queue move-up time, stopped delay, and final acceleration.

Table 2
Signalized Intersection Level of Service Definitions

LOS	Description	Average Control Delay (Seconds)
A	Operations with very low delay occurring with favorable progression and/or short cycle lengths.	≤ 10.0
B+	Operations with low delay occurring with good progression and/or short cycle lengths.	10.1 to 12.0
B		12.1 to 18.0
B-		18.1 to 20.0
C+	Operations with average delays resulting from fair progression and/or longer cycle lengths. Individual cycle failures begin to appear.	20.1 to 23.0
C		23.1 to 32.0
C-		32.1 to 35.0
D+	Operations with longer delays due to a combination of unfavorable progression, long cycle lengths, and high V/C ratios. Many vehicles stop and individual cycle failures are noticeable.	35.1 to 39.0
D		39.1 to 51.0
D-		51.1 to 55.0
E+	Operations with high delay values indicating poor progression, long cycle lengths, and high V/C ratios. Individual cycle failures are frequent occurrences.	55.1 to 60.0
E		60.1 to 75.0
E-		75.1 to 80.0
F	Operations with delays unacceptable to most drivers occurring due to over-saturation, poor progression, or very long cycle lengths.	> 80.0

Source: Santa Clara Valley Transportation Authority, *Congestion Management Program (CMP) Traffic Level of Service Analysis Guidelines*, June 2003, and Transportation Research Board, *Highway Capacity Manual*, 2000.

Freeway Segments

Freeway segments were evaluated using the CMA analysis procedure, which is based on the density of the traffic flow using methods. Density is expressed in passenger cars per mile per lane. The CMA range of densities for freeway segment level of service is shown in Table 3. These ranges are based on the 2000 HCM level of service threshold with adjustments to reflect local (Santa Clara County) conditions. According to CMA guidelines, the level of service standard for freeway segments is LOS E, and freeway segments to which a proposed development will add trips equal to or greater than one percent of the freeway segment's capacity must be evaluated.

Table 3
Freeway Level of Service

Level of Service	Density (vehicles/mile/lane)
A	≤ 11.0
B	11.0 to 18.0
C	18.1 to 26.0
D	26.1 to 46.0
E	46.1 to 58.0
F	> 58.0

Source: VTA, *CMP Traffic Level of Service Analysis Guidelines*, June 2003.

Existing Intersection Levels of Service

Existing intersection lane configurations and peak-hour turning movement volumes were used to calculate the existing LOS for the key intersections during each peak hour. Four intersections currently operate unacceptably during the PM peak hour (SR 237/I-880, Montague Expwy./McCarthy Blvd.-O'Toole, Montague Expwy./Zanker Rd., and Montague Expwy./N. First St.). The results of the existing intersection LOS analysis are shown in Table 4.

Table 4
Existing Intersection Levels of Service

Intersection	Peak Hour	Delay[1]	LOS[2]
1. McCarthy Blvd/SR 237 WB Ramps [M]	AM	16.4	B
	PM	18.1	B-
2. McCarthy Blvd/SR 237 EB Ramps [M]	AM	16.3	B
	PM	15.1	B
3. SR 237/I-880 SB Ramps [M]	AM	11.3	B+
	PM	8.4	A
4. Calaveras Blvd (SR237)/I-880 NB Ramps [M]	AM	22.9	C+
	PM	69.4	E
5. Calaveras Blvd/Abel Street [CMA/M]	AM	55.4	E+
	PM	43.5	D
6. Calaveras Blvd/Milpitas Blvd [CMA/M]	AM	70.2	E
	PM	41.6	D
7. McCarthy Blvd/Bellew Dr [M]	AM	20.3	C+
	PM	32.2	C-
8. Bellew Dr/Barber Ln [M]	AM	11.8	B+
	PM	17.2	B
9. McCarthy Blvd/Alder Dr [M]	AM	20.5	C+
	PM	16.4	B
10. McCarthy Blvd/Tasman Dr [M]	AM	51.3	D-
	PM	37.5	D+
11. Tasman Dr/Alder Dr [M]	AM	14.5	B
	PM	46.6	D
12. Barber Ln/Alder Dr [M]	AM	13.1	B
	PM	15.9	B
13. Tasman Dr/I-880 SB Ramps [M]	AM	20.4	C+
	PM	19.7	B-
14. Great Mall Parkway/I-880 NB Ramps [M]	AM	23.0	C
	PM	27.4	C
15. McCarthy Blvd/Barber Ln [M]	AM	15.3	B
	PM	21.6	C
16. McCarthy Blvd-O'Toole/Montague Expy [CMA/SJ/M]	AM	40.8	D
	PM	65.1	E
17. Montague Expy/Great Mall Parkway-Capitol Ave [CMA/M]	AM	46.6	D
	PM	53.6	D-
18. Montague Expy/Trimble Rd [CMA/SJ]	AM	27.2	C
	PM	38.9	D+
19. Montague Expy/River Oaks Parkway-E. Plumeria Rd [SJ]	AM	33.0	C-
	PM	28.1	C
20. Montague Expy/Zanker Rd [CMA/SJ]	AM	39.9	D-
	PM	56.5	E
21. Montague Expy/N. 1st St. [CMA/SJ]	AM	54.6	D
	PM	72.5	E+
22. Montague Expy/De la Cruz Blvd – Agnew Rd [CMA/SC]	AM	40.1	D
	PM	41.0	D
23. Capitol Ave/Cropley Dr-Trade Zone Blvd [SJ]	AM	35.8	D+
	PM	56.1	E+
24. Great Mall Parkway/Main Street [M]	AM	27.9	C
	PM	40.7	D
25. Great Mall Parkway/Abel St [M]	AM	40.6	D
	PM	39.3	D
26. Tasman Dr./Zanker Rd [SJ]	AM	33.5	C-
	PM	31.3	C
27. Tasman Dr./N. 1st St. [SJ]	AM	31.2	C
	PM	37.0	D+

Table 4
Existing Intersection Levels of Service

Intersection	Peak Hour	Delay[1]	LOS[2]
101. Dixon Landing Rd/McCarthy Blvd [F]	AM	9.7	A
	PM	7.9	A
102. Dixon Landing Rd/I-880 SB Ramps [M]	AM	9.5	A
	PM	9.2	A
103. Dixon Landing Rd/I-880 NB Ramps – California Circle [M]	AM	16.6	B
	PM	20.8	C+
104. California Circle/I-880 NB Ramps [M]	AM	12.2	B
	PM	14.6	B
105. Dixon Landing Rd/N. Milpitas Blvd [M]	AM	52.3	D-
	PM	50.1	D
106. Scott Creek Rd./Warm Springs Blvd. [F]	AM	27.5	C
	PM	36.0	D+
107. Scott Creek Rd./I-680 SB Ramps [Unsignalized] [F]	AM	18.4	C
	PM	13.5	B
108. Scott Creek Rd./I-680 NB Ramps [Unsignalized] [F]	AM	8.0	A
	PM	9.4	A
109. McCarthy Blvd/Ranch Dr North [M]	AM	6.8	A
	PM	11.3	B+
110. McCarthy Blvd/Ranch Dr South [M]	AM	12.8	B
	PM	15.6	B

Notes:
[1]Whole intersection weighted average control delay expressed in seconds per vehicle calculated using methods described in the 2000 HCM, with adjusted saturation flow rates to reflect Santa Clara County Conditions for signalized intersections. Total control delay for the worst movement is presented for side-street stop-controlled intersections. (CMA) Congestion Management Agency intersection, (F) City of Fremont intersection, (M) City of Milpitas intersection, (SC) City of Santa Clara intersection, (SJ) City of San Jose intersection

Existing Freeway Segment Levels of Service

Freeway segment densities reported in VTA's 2004 Monitoring and Conformance Report were used to calculate the levels of service during the AM and PM peak hours for the freeway segments to which a proposed development will add trips equal to or greater than one percent of the freeway segment's capacity. The results of the freeway segment LOS analysis are shown in Table 5.

The following eleven freeway segments operate at unacceptable levels (LOS F) under Existing Conditions:

- I-880 Northbound, Dixon Landing Road to Mission Boulevard (PM peak hour)
- I-880 Northbound, SR 237 to Dixon Landing Road (PM peak hour)
- I-880 Southbound, Great Mall Parkway to Montague Expressway (PM peak hour)
- I-880 Southbound, Montague Expressway to Brokaw Road (PM peak hour)
- SR 237 Westbound, I-880 to Zanker Road (AM peak hour)
- SR 237 Westbound, McCarthy Boulevard to Zanker Road (AM and PM peak hours)
- I-680 Northbound, Calaveras Boulevard to Jacklin Road (PM peak hour)
- I-680 Northbound, Jacklin Road to Scott Creek Road (PM peak hour)
- I-680 Northbound, Scott Creek Road to Mission Boulevard (PM peak hour)
- I-680 Southbound, Yosemite Drive to Montague Expressway (PM peak hour)
- I-680 Southbound, Montague Expressway to Capitol Avenue (PM peak hour)

Table 5
Existing Freeway Segment Levels of Service

Freeway	Direction	From	To	Peak Hour	Lanes	Density[1]	LOS[2]
I-880	Northbound	Brokaw Road	Montague Expressway	AM PM	3 3	31 26	D C
		Montague Expressway	Great Mall Parkway	AM PM	3 3	26 26	C C
		Great Mall Parkway	SR 237	AM PM	3 3	31 46	D D
		SR 237	Dixon Landing Road	AM PM	4 4	35 112	D F
		Dixon Landing Road	Mission Blvd. (SR 262)[3]	AM PM	3 3	38 107	D F
	Southbound	Mission Blvd. (SR 262)	Dixon Landing Road[3]	AM PM	3 3	43 24	D C
		Dixon Landing Road	SR 237	AM PM	4 4	45 23	D C
		SR 237	Great Mall Parkway	AM PM	3 3	22 21	C C
		Great Mall Parkway	Montague Expressway	AM PM	3 3	29 85	D F
		Montague Expressway	Brokaw Road	AM PM	3 3	26 80	C F
SR 237[4]	Eastbound	Zanker Road	McCarthy Boulevard	AM PM	2 2	26 42	C D
		McCarthy Boulevard	I-880	AM PM	2 2	15 54	B E
	Westbound	I-880	McCarthy Boulevard	AM PM	2 2	164 29	F D
		McCarthy Boulevard	Zanker Road	AM PM	2 2	147 94	F F
I-680[4]	Northbound	Capitol Avenue	Montague Expressway	AM PM	4 4	39 22	D C
		Montague Expressway	Yosemite Drive	AM PM	4 4	30 28	D D
		Yosemite Drive	Calaveras Blvd. (SR 237)	AM PM	4 4	48 44	E D
		Calaveras Blvd. (SR 237)	Jacklin Road	AM PM	3 3	41 95	D F
		Jacklin Road	Scott Creek Road	AM PM	3 3	35 80	D F
		Scott Creek Road	Mission Blvd. (SR 262)3	AM PM	3 3	33 73	D F
	Southbound	Mission Blvd. (SR 262)	Scott Creek Road3	AM PM	3 3	38 28	D D
		Scott Creek Road	Jacklin Road	AM PM	3 3	33 29	D D
		Jacklin Road	Calaveras Blvd. (SR 237)	AM PM	3 3	36 28	D D
		Calaveras Blvd. (SR 237)	Yosemite Drive	AM PM	4 4	25 53	C E

Table 5
Existing Freeway Segment Levels of Service

Freeway	Direction	From	To	Peak Hour	Lanes	Density[1]	LOS[2]
		Yosemite Drive	Montague Expressway	AM PM	4 4	31 92	D F
		Montague Expressway	Capitol Avenue	AM PM	4 4	23 98	C F

Notes:
[1]Measured in passenger cars per mile per lane.
[2]LOS = level of service.
[3]Density is calculated by using the travel speed from the adjacent segment, as well as the volume (flow) from the adjacent segment adjusted by the volume entering/exiting the freeway at the interchange.
[4]The high-occupancy vehicle (HOV) lanes were not analyzed because project traffic is expected to utilize the mixed-flow lanes while entering and exiting the freeway.
Source: VTA, December 2006.

4.2.2.3 *Background Traffic Operations*

The following discussion describes background traffic conditions in the project area. Background Conditions are conditions anticipated to exist prior to completion of the proposed project. Traffic volumes for Background Conditions comprise existing volumes plus traffic generated by approved but not yet constructed projects. Traffic generated by Phase 1 of the North San José Development Policies Update project is included in this scenario.[4] Background Conditions also include planned intersection or roadway improvements, such as improvements required as mitigation for previously approved projects that have not yet been constructed, including the following:

- Montague Expressway will be widened from six to eight lanes between Centre Pointe Drive and I-680 to provide three mixed-flow lanes and one HOV lane in each direction. The HOV lanes are expected to operate in both directions during AM and PM commute periods on Montague Expressway at Great Mall Parkway.
- The County of Santa Clara is planning to construct a flyover to serve westbound Montague Expressway to southbound Trimble Road. No other background improvements were identified at the other study intersections.

Figures showing the background AM and PM peak-hour turning movement volumes and existing intersection lane configurations and traffic control devices at the study intersections are included in Appendix A.

Background Intersection Levels of Service

Level of service calculations were completed for the study intersections to evaluate Background Condition operations. The results of the Background LOS analysis are shown in Table 6. The corresponding calculation sheets are included in Appendix A. The following 14 intersections are projected to exceed LOS standards and operate at unacceptable levels under Background Conditions:

- Calaveras Boulevard/I-880 SB Ramps (LOS F, PM peak)
- W. Calaveras Boulevard/Abel Street (LOS F, AM peak)

[4] The North San José Development Policies Update project includes the construction of up to 26.7 million square feet of new industrial, office, and research development and up to 32,000 new dwelling units.

- E. Calaveras Boulevard/S. Milpitas Boulevard (LOS F, AM peak)
- Alder Drive/McCarthy Boulevard (LOS E, PM peak)
- McCarthy Boulevard/Tasman Drive (LOS F, AM peak)
- Alder Drive/Tasman Drive (LOS F, PM peak)
- Tasman Drive/I-880 SB Ramps (LOS E, PM peak)
- Great Mall Parkway/I-880 NB Ramps (LOS E, AM peak; LOS E+, PM peak)
- McCarthy Boulevard-O'Toole Avenue/Montague Expressway (LOS F, PM peak)
- Montague Expressway/Great Mall Parkway-Capitol Avenue (LOS F, PM peak)
- Montague Expressway/ Zanker Road (LOS E, PM peak)
- Montague Expressway/First Street (LOS F, AM and PM peak)
- Capitol Avenue/Cropley Drive – Trade Zone Boulevard (LOS E, PM peak)
- Dixon Landing Road/N. Milpitas Boulevard (LOS E, AM and PM peak)

Table 6
Background Intersection Levels of Service

Intersection	Peak Hour	Delay[1]	LOS[2]
1. McCarthy Blvd/SR 237 WB Ramps [M]	AM	17.9	B
	PM	24.9	C
2. McCarthy Blvd/SR 237 EB Ramps [M]	AM	15.9	B
	PM	16.6	B
3. SR 237/I-880 SB Ramps [M]	AM	11.2	B+
	PM	9.5	A
4. Calaveras Blvd (SR237)/I-880 NB Ramps [M]	AM	22.6	C+
	PM	89.3	F
5. Calaveras Blvd/Abel Street [CMA/M]	AM	89.2	F
	PM	53.0	D-
6. Calaveras Blvd/Milpitas Blvd [CMA/M]	AM	127.0	F
	PM	45.7	D
7. McCarthy Blvd/Bellew Dr [M]	AM	24.0	C
	PM	51.1	D-
8. Bellew Dr/Barber Ln [M]	AM	10.9	B+
	PM	18.5	B-
9. McCarthy Blvd/Alder Dr [M]	AM	17.2	B
	PM	61.5	E
10. McCarthy Blvd/Tasman Dr [M]	AM	108.0	F
	PM	43.1	D
11. Tasman Dr/Alder Dr [M]	AM	21.4	C+
	PM	137.0	F
12. Barber Ln/Alder Dr [M]	AM	14.0	B
	PM	13.7	B
13. Tasman Dr/I-880 SB Ramps [M]	AM	23.0	C+
	PM	61.7	E
14. Great Mall Parkway/I-880 NB Ramps [M]	AM	61.0	E
	PM	58.7	E+
15. McCarthy Blvd/Barber Ln [M]	AM	17.3	B
	PM	24.0	C
16. McCarthy Blvd-O'Toole/Montague Expy [CMA/SJ/M]	AM	53.4	D-
	PM	116.3	F
17. Montague Expy/Great Mall Parkway-Capitol Ave [CMA/M]	AM	79.8	F
	PM	96.6	F
18. Montague Expy/Trimble Rd [CMA/SJ]	AM	26.2	C
	PM	38.9	D+
19. Montague Expy/River Oaks Parkway-E. Plumeria Rd [SJ]	AM	44.0	D
	PM	43.7	D
20. Montague Expy/Zanker Rd [CMA/SJ]	AM	50.8	D
	PM	71.8	E

Table 6
Background Intersection Levels of Service

Intersection	Peak Hour	Delay[1]	LOS[2]
21. Montague Expy/N. 1st St. [CMA/SJ]	AM	146.0	F
	PM	> 150	F
22. Montague Expy/De la Cruz Blvd – Agnew Rd [CMA/SC]	AM	40.3	D
	PM	47.6	D
23. Capitol Ave/Cropley Dr-Trade Zone Blvd [SJ]	AM	36.4	D+
	PM	62.1	E
24. Great Mall Parkway/Main Street [M]	AM	31.8	C
	PM	39.6	D
25. Great Mall Parkway/Abel St [M]	AM	41.2	D
	PM	44.8	D
26. Tasman Dr./Zanker Rd [SJ]	AM	39.5	D
	PM	39.1	D
27. Tasman Dr./N. 1st St. [SJ]	AM	39.9	D
	PM	49.0	D
101. Dixon Landing Rd/McCarthy Blvd [F]	AM	10.0	B+
	PM	9.4	A
102. Dixon Landing Rd/I-880 SB Ramps [M]	AM	9.9	A
	PM	7.8	A
103. Dixon Landing Rd/I-880 NB Ramps – California Circle [M]	AM	16.9	B
	PM	21.5	C+
104. California Circle/I-880 NB Ramps [M]	AM	12.6	B
	PM	15.3	B
105. Dixon Landing Rd/N. Milpitas Blvd [M]	AM	67.0	E
	PM	62.2	E
106. Scott Creek Rd./Warm Springs Blvd. [F]	AM	28.1	C
	PM	36.3	D+
107. Scott Creek Rd./I-680 SB Ramps [Unsignalized] [F]	AM	19.8	C
	PM	13.6	B
108. Scott Creek Rd./I-680 NB Ramps [Unsignalized] [F]	AM	8.2	A
	PM	9.5	A
109. McCarthy Blvd/Ranch Dr North [M]	AM	11.6	B+
	PM	14.0	B
110. McCarthy Blvd/Ranch Dr South [M]	AM	14.6	B
	PM	20.9	C+

Notes:
Whole intersection weighted average control delay expressed in seconds per vehicle calculated using methods described in the 2000 HCM, with adjusted saturation flow rates to reflect Santa Clara County Conditions for signalized intersections. Total control delay for the worst movement is presented for side-street stop-controlled intersections.
LOS = Level of service. LOS calculations conducted using the TRAFFIX level of service analysis software package.
(CMA) Congestion Management Agency intersection, (F) City of Fremont intersection, (M) City of Milpitas intersection,
(SC) City of Santa Clara intersection, (SJ) City of San Jose intersection

4.2.3 Transportation and Traffic Impacts

4.2.3.1 *Thresholds of Significance*

For the purposes of this EIR, a transportation and traffic impact is considered significant if the project would:

- cause the level of service at a non-CMA City of Milpitas or City of Santa Clara intersection or any City of San Jose or City of Fremont intersection operating at LOS D or better under Background Conditions to deteriorate to LOS E or F.
- cause an increase in the critical movement delay at any City of Milpitas or City of Santa Clara non-CMA intersection or any City of San Jose intersection with unacceptable operations (LOS E

or F) under Background Conditions of four (4) or more seconds and an increase in the critical V/C ratio by 0.01 or more.

- cause an increase in the V/C ratio of 0.01 or more at any City of Milpitas or City of Santa Clara non-CMA intersection or any City of San Jose intersection with unacceptable operations (LOS E or F) under Background Conditions when the change in critical delay is negative (i.e., decreases). This can occur if the critical movements change.
- cause an increase of the average delay at any City of Fremont intersection with unacceptable operations (LOS E or F) under Background Conditions of four (4) or more seconds.
- cause the level of service at a CMA intersection operating at LOS E or better under Background Conditions to deteriorate to LOS F,
- cause an increase in the critical movement delay at a CMA intersection with unacceptable operations (LOS F) under Background Conditions of four (4) or more seconds and an increase in the critical V/C ratio by 0.01 or more,
- cause an increase in the V/C ratio of 0.01 or more at any CMA intersection with unacceptable operations (LOS F) under Background Conditions when the change in critical delay is negative (i.e., decreases). This can occur if the critical movements change.
- cause a freeway segment to operate at LOS F, or contribute traffic in excess of one percent (1%) of segment capacity to a freeway segment already operating at LOS F,
- substantially increase hazards due to a design feature (e.g., dangerous intersection) or incompatible uses,
- result in inadequate emergency access,
- result in inadequate parking capacity, or
- conflict with adopted plans or policies supporting alternative transportation.

4.2.3.2 *Project Traffic Operations*

Project Conditions are the conditions anticipated to occur if the project is implemented as proposed. The amount of traffic added to the roadway system by the proposed development is estimated using a three-step process: (1) trip generation, (2) trip distribution, and (3) trip assignment. The first step estimates the amount of traffic added to the roadway network. The second step estimates the direction of travel to and from the project site. The trips are assigned to specific street segments and intersection turning movements during the third step. The results of the process for the proposed project are described in the following sections.

Trip Generation

The amount of traffic added to the surrounding roadway system by the proposed project was estimated by applying the appropriate trip generation rates to each component of the proposed development (i.e., retail, office, and residential). The trip generation rates for the proposed project are shown in Table 7.[5]

[5] The trip generation rates for Condominium, Office, and Specialty Retail land uses that are identified in *San Diego Traffic Generators* (San Diego Association of Governments, April 2002) were used to estimate project trip generation. While the traffic for the existing auto dealership may be in the approved trip inventory, the dealership was non-operational when traffic counts completed and its trips were not on the road.

Table 7
Project Trip Generation Rates and Estimates

Land Use	Size (sf or units)	Daily	AM			PM		
			In	Out	Total	In	Out	Total
Trip Rates								
Condominium	1 unit	8	0.128	0.512	0.64	0.56	0.24	0.80
Standard Commercial Office	1,000 sf	20	2.53	0.28	2.80	0.52	2.08	2.60
Specialty Retail/Strip Commercial	1,000 sf	40	0.72	0.48	1.20	1.80	1.80	3.60
Trip Estimates								
Retail	148,805 sf	5,952	107	72	179	268	268	536
Housing-Retail Reduction (13% off housing)[1]		-390	-14	-9	-23	-12	-27	-39
Employment-Retail Reduction (3% off office)		-29	0	-4	-4	-3	-1	-4
Diverted Link Trips (25% off retail)		-1,488	-23	-22	-45	-67	-66	-133
Net Retail Trips		5,952	70	37	107	186	174	360
Office	48,960 sf	979	123	14	137	25	102	127
Housing-Employment Reduction (3% off office)		-29	-4	0	-4	-1	-3	-4
Employment-Retail Reduction (3% off office)		-29	-4	0	-4	-1	-3	-4
Net Office Trips		921	115	14	129	23	96	119
Condominiums	375 units	3,000	48	192	240	210	90	300
Housing-Employment Reduction (3% off office)		-29	0	-4	-4	-3	-1	-4
Housing-Retail Reduction (13% off housing)		-390	-9	-14	-23	-27	-12	-39
Net Residential Trips		2,581	39	174	213	180	77	257
Net Total Trips		**9,454**	**224**	**225**	**449**	**389**	**347**	**736**

[1]Housing-retail reduction taken off the smaller trip generator. Housing is the smaller generator for daily and PM peak hour trips; Retail is the smaller generator during the AM peak hour.
Source: SANDAG, *San Diego Traffic Generators*, April 2002.

According to VTA guidelines (Transportation Impact Analysis Guidelines, May 1998), reductions may be applied to the trip estimates for mixed-use projects. The following mixed-use reductions were applied:

- 13% reduction for retail and housing,
- 3% reduction for employment and retail, and
- 3% reductions for employment and housing.

In addition, a 25-percent reduction for diverted-link trips was applied to the retail use to account for vehicles that are already traveling on the roadways adjacent to the project site. These trips are included in the analysis of traffic that enters and exits the project site but are not considered "new" trips that are added to the street system by the project.

The proposed project is estimated to generate 9,454 net new daily trips, 449 net new AM peak-hour trips (224 inbound and 225 outbound) and 736 net new PM peak-hour trips (389 inbound and 347 outbound). The project trip generation estimates are shown in Table 7.

Trip Distribution

The major directions of approach and departure are the trip distribution pattern for the traffic generated by the proposed project. The directions of approach and departure for the project traffic were estimated using VTA's travel demand forecasting model and existing travel patterns and the relative locations of complementary land uses (e.g., employment, housing, and retail) in the project area. Refer to Appendix A for a detailed trip distribution discussion and figures illustrating the trip distribution of the proposed project.

Trip Assignment

The placement of project generated traffic onto the roadway system is trip assignment. Traffic generated by the proposed project was assigned to the roadway system using the directions of approach and departure discussed above, information from previous studies, and knowledge of the travel patterns in the area. The peak-hour trip assignments for the proposed project were added to the background traffic volumes to create project condition intersection volumes. Refer to Appendix A for a detailed discussion of the trip assignment for the proposed development, including figures showing the trips assigned to each turning movement and the intersection volumes for Project Conditions.

Project Intersection Levels of Service

The results of the intersection level of service calculations for Project Conditions are shown in Table 8 and the corresponding calculation sheets are included in Appendix A. The results for Background Conditions are included in Table 8 for comparison purposes, along with the projected increases in critical delay and critical volume-to-capacity (V/C) ratios. Critical delay represents the delay associated with the critical movements of the intersection, or the movements that require the most "green time" and have the greatest effect on overall intersection operations. As described at the beginning of this section, changes in critical delay and critical V/C ratio between Background and Project Conditions are used to identify significant impacts.

Table 8
Project Intersection Levels of Service

Intersection	Peak Hour	Background		Project			
		Delay[1]	LOS[2]	Delay[1]	LOS[2]	Δ in Crit. V/C[3]	Δ in Crit. Delay[4]
1. McCarthy Blvd/SR 237 WB Ramps [M]	AM	17.9	B	18.1	B-	0.013	0.3
	PM	24.9	C	25.4	C	0.008	1.1
2. McCarthy Blvd/SR 237 EB Ramps [M]	AM	15.9	B	16.5	B	0.052	1.0
	PM	16.6	B	17.4	B	0.053	1.5
3. SR 237/I-880 SB Ramps [M]	AM	11.2	B+	12.0	B	0.025	1.1
	PM	9.5	A	10.9	B+	0.043	2.2
4. Calaveras Blvd (SR237)/I-880 NB Ramps [M]	AM	22.6	C+	22.8	C+	0.009	0.2
	PM	89.3	F	**92.8**	**F**	**0.014**	**6.0**
5. Calaveras Blvd/Abel Street [CMA/M]	AM	89.2	F	91.6	F	0.009	4.0
	PM	53.0	D-	54.1	D-	0.011	1.3

Table 8
Project Intersection Levels of Service

Intersection	Peak Hour	Background		Project			
		Delay[1]	LOS[2]	Delay[1]	LOS[2]	Δ in Crit. V/C[3]	Δ in Crit. Delay[4]
6. Calaveras Blvd/Milpitas Blvd [CMA/M]	**AM**	127.0	F	**130.5**	**F**	**0.013**	**5.3**
	PM	45.7	D	46.3	D	0.016	1.5
7. McCarthy Blvd/Bellew Dr [M]	AM	24.0	C	24.7	C	0.003	1.9
	PM	51.1	D-	**76.3**	**E-**	**0.091**	**43.6**
8. Bellew Dr/Barber Ln [M]	AM	10.9	B+	13.3	B	0.210	29.2
	PM	18.5	B-	**68.6**	**E**	**0.178**	**79.5**
9. McCarthy Blvd/Alder Dr [M]	AM	17.2	B	17.2	B	0.000	0.0
	PM	61.5	E	62.0	E	0.002	0.9
10. McCarthy Blvd/Tasman Dr [M]	AM	108.0	F	109.0	F	0.003	1.5
	PM	43.1	D	43.2	D	0.005	0.2
11. Tasman Dr/Alder Dr [M]	AM	21.4	C+	22.0	C+	0.007	0.2
	PM	137.0	F	**> 150**	**F**	**0.102**	**28.8**
12. Barber Ln/Alder Dr [M]	AM	14.0	B	15.2	B	0.066	0.4
	PM	13.7	B	17.1	B	0.201	6.6
13. Tasman Dr/I-880 SB Ramps [M]	AM	23.0	C+	23.3	C	0.009	0.3
	PM	61.7	E	**66.1**	**E**	**0.033**	**13.6**
14. Great Mall Parkway/I-880 NB Ramps [M]	**AM**	61.0	E	**87.6**	**F**	**0.011**	**36.0**
	PM	58.7	E+	60.6	E	0.003	3.8
15. McCarthy Blvd/Barber Ln [M]	AM	17.3	B	17.8	B	0.024	2.5
	PM	24.0	C	24.3	C	0.035	1.2
16. McCarthy Blvd-O'Toole/Montague Expy [CMA/CSJ/M]	**AM**	53.4	D-	**55.9**	**E+**	**0.011**	**3.7**
	PM	116.3	F	**119.7**	**F**	**0.110**	**5.0**
17. Montague Expy/Great Mall Parkway-Capitol Ave [CMA/M]	**AM**	79.8	E-	**81**	**F**	**0.004**	**1.5**
	PM	96.6	F	**97.9**	**F**	**0.010**	**4.1**
18. Montague Expy/Trimble Rd [CMA/SJ]	AM	26.2	C	26.2	C	0.003	0.1
	PM	38.9	D+	44.1	D	0.007	0.3
19. Montague Expy/River Oaks Parkway-E. Plumeria Rd [SJ]	AM	44.0	D	42.5	D	0.003	-0.1
	PM	43.7	D	44.8	D	0.024	1.9
20. Montague Expy/Zanker Rd [CMA/SJ]	AM	50.8	D	50.8	D	0.003	0.0
	PM	71.8	E	72.2	E	0.003	0.7
21. Montague Expy/N. 1st St. [CMA/SJ]	AM	146.0	F	146.8	F	0.003	1.5
	PM	> 150	F	> 150	F	0.005	1.9
22. Montague Expy/De la Cruz Blvd – Agnew Rd [CMA/SC]	AM	40.3	D	40.3	D	0.002	0.0
	PM	47.6	D	47.8	D	0.003	0.5
23. Capitol Ave/Cropley Dr-Trade Zone Blvd [SJ]	AM	36.4	D+	39.4	D	0.055	3.2
	PM	62.1	E	62.9	E	0.005	1.1
24. Great Mall Parkway/Main Street [M]	AM	31.8	C	31.8	C	0.002	-0.1
	PM	39.6	D	39.6	D	0.003	-0.1

Table 8
Project Intersection Levels of Service

Intersection	Peak Hour	Background		Project			
		Delay[1]	LOS[2]	Delay[1]	LOS[2]	Δ in Crit. V/C[3]	Δ in Crit. Delay[4]
25. Great Mall Parkway/Abel St [M]	AM	41.2	D	41.2	D	0.003	0.1
	PM	44.8	D	44.9	D	0.003	0.1
26. Tasman Dr./Zanker Rd [CSJ]	AM	39.5	D	39.5	D	0.003	0.2
	PM	39.1	D	39.2	D	0.004	0.1
27. Tasman Dr./N. 1st St. [SJ]	AM	39.9	D	40.0	D	0.002	0.2
	PM	49.0	D	49.3	D	0.003	0.6
101. Dixon Landing Rd/McCarthy Blvd [F]	AM	10.0	B+	10.0	B+	0.001	0.0
	PM	9.4	A	9.5	A	0.006	-4.5
102. Dixon Landing Rd/I-880 SB Ramps [M]	AM	9.9	A	9.8	A	0.001	0.0
	PM	7.8	A	13.4	B	0.089	5.3
103. Dixon Landing Rd/I-880 NB Ramps –	AM	16.9	B	16.9	B	0.001	0.0
California Circle [M]	PM	21.5	C+	21.5	C+	0.001	0.0
104. California Circle/I-880 NB Ramps [M]	AM	12.6	B	12.6	B	0.000	0.0
	PM	15.3	B	15.3	B	0.000	0.0
105. Dixon Landing Rd/N. Milpitas Blvd [M]	AM	67.0	E	68.5	E	0.009	2.4
	PM	62.2	E	63.3	E	0.010	2.5
106. Scott Creek Rd./Warm Springs Blvd. [F]	AM	28.1	C	28.3	C	0.003	0.2
	PM	36.3	D+	36.3	D+	0.000	0.0
107. Scott Creek Rd./I-680 SB Ramps	AM	19.8	C	19.8	C		
[Unsignalized] [F]	PM	13.6	B	13.6	B		
108. Scott Creek Rd./I-680 NB Ramps	AM	8.2	A	8.2	A		
[Unsignalized] [F]	PM	9.5	A	9.7	A		
109. McCarthy Blvd/Ranch Dr North [M]	AM	11.6	B+	13.2	B	0.003	0.0
	PM	14.0	B	16.8	B	0.002	0.0
110. McCarthy Blvd/Ranch Dr South [M]	AM	14.6	B	19.8	B-	0.004	9.2
	PM	20.9	C+	20.6	C+	-0.233	-1.5

Notes:
[1]Whole intersection weighted average control delay expressed in seconds per vehicle calculated using methods described in the 2000 HCM, with adjusted saturation flow rates to reflect Santa Clara County Conditions for signalized intersections. Total control delay for the worst movement is presented for side-street stop-controlled intersections.
[2]LOS = Level of service. LOS calculations conducted using the TRAFFIX level of service analysis software package.
[3]Change in the critical volume-to-capacity ratio (V/C) between Background and Project Conditions.
[4]Change in critical movement delay between Background and Project Conditions.
(CMA) Congestion Management Agency intersection, (F) City of Fremont intersection, (M) City of Milpitas intersection, (SC) City of Santa Clara intersection, (SJ) City of San Jose intersection
Bold text denotes intersections with significant impacts.

Project Intersection Impacts

The impacts of the project were evaluated by comparing the results of the level of service calculations under Project Conditions to the results under Background Conditions. The proposed

project would have a significant impact at nine study intersections. These impacts are described below.[6]

City of Milpitas Intersection Impacts

Based on the thresholds of significance listed at the beginning of this section, the results shown in Table 8 indicate the project would have a significant impact at the following City of Milpitas intersections:

Impact TR-1: *McCarthy Boulevard/BellewDrive* – Intersection operations degrade from LOS D- to LOS E- during the PM peak hour. **[Significant Impact]**

Impact TR-2: *SR 237/I-880 NB Ramps* – Traffic from the proposed project exacerbates LOS F operations during the PM peak hour. **[Significant Impact]**

Impact TR-3: *Alder Drive/Tasman Drive* – Traffic from the proposed project exacerbates LOS F operations during the PM peak hour. **[Significant Impact]**

Impact TR-4: *Tasman Drive/I-880 SB Ramps* – Traffic from the proposed project exacerbates LOS E operations during the PM peak hour. **[Significant Impact]**

Impact TR-5: *Great Mall Parkway/I-880 NB Ramps* – Intersection operations degrade from LOS E to LOS F during the AM peak hour. **[Significant Impact]**

Impact TR-6: *Bellew Drive/Barber Lane* – Intersection operations degrade from LOS B- to LOS E during the PM peak hour. **[Significant Impact]**

CMA Intersection Impacts

Based on the thresholds of significance listed at the beginning of this section, the results shown in Table 8 indicate the project would have a significant impact at the following CMA intersection:

Impact TR-7: *McCarthy Boulevard-O'Toole Avenue/Montague Expressway* – Traffic from the proposed project degrades intersection operations from LOS D- to LOS E+ in the AM peak hour and exacerbates LOS F operations during the PM peak hour. **[Significant Impact]**

Impact TR-8: *E. Calaveras Boulevard/S. Milpitas Boulevard* – Traffic from the proposed project exacerbates LOS F operations during the AM peak hour. **[Significant Impact]**

Impact TR-9: *Great Mall Parkway-Capitol Ave/Montague Expressway* – Traffic from the proposed project degrades intersection operations from LOS E- to LOS F during the AM peak hour and exacerbates LOS F conditions during the PM peak hour. **[Significant Impact]**

[6] Although only nine intersections are significantly impacted by the project, 10 impacts are listed. This is because the McCarthy Boulevard-O'Toole Avenue/Montague Expressway intersection is under the jurisdiction of both the CMA and the City of San Jose. Because the CMA and the City of San Jose have different thresholds of significance, this intersection has a significant impact during the PM peak hour under the CMA thresholds and an AM peak hour impact under the City of San Jose thresholds and, therefore, is listed twice.

San Jose Intersections

Impact TR-10: *McCarthy Boulevard-O'Toole Avenue/Montague Expressway* – The addition of project traffic causes this intersection to degrade from LOS D to LOS E under during the AM peak hour. **[Significant Impact]**

Project Freeway Segment Levels of Service

Project-generated traffic was added to existing traffic volumes for each freeway mainline segment. These volumes were then used to re-calculate the density for each segment under Project Conditions. The results of the freeway segment level of service analysis are shown in Table 9.

Table 9
Project Freeway Segment Levels of Service

Freeway Direction	From	To	Peak Hour	Existing Conditions		Project Conditions			
				Density[1]	LOS[2]	Trips	Density[1]	LOS[2]	% Impact[3]
I-880 Northbound	Brokaw Road	Montague Expressway	AM	31	D	38	31	D	0.55
			PM	26	C	55	26	D	0.80
	Montague Expressway	Great Mall Parkway	AM	26	C	36	26	D	0.52
			PM	26	C	55	26	D	0.80
	Great Mall Parkway	SR 237	AM	31	D	13	31	D	0.19
			PM	46	D	27	46	E	0.39
	SR 237	Dixon Landing Road	AM	35	D	25	33	D	0.30
			PM	112	F	42	107	F	0.51
	Dixon Landing Road	Mission Blvd. (SR 262)	AM	38	D	25	39	D	0.36
			PM	107	F	42	109	F	0.61
I-880 Southbound	Mission Blvd. (SR 262)	Dixon Landing Road	AM	43	D	31	44	D	0.45
			PM	24	C	42	24	C	0.61
	Dixon Landing Road	SR 237	AM	45	D	31	38	D	0.34
			PM	23	C	42	20	C	0.46
	SR 237	Great Mall Parkway	AM	22	C	15	22	C	0.22
			PM	21	C	10	21	C	0.14
	Great Mall Parkway	Montague Expressway	AM	29	D	31	29	D	0.45
			PM	85	F	53	86	F	0.77
	Montague Expressway	Brokaw Road	AM	26	C	31	26	D	0.45
			PM	80	F	53	81	F	0.77
SR 237 Eastbound	Zanker Road	McCarthy Boulevard	AM	26	C	45	26	D	0.98
			PM	42	D	61	43	D	1.33
	McCarthy Boulevard	**I-880**	AM	15	B	55	23	C	1.20
			PM	54	E	**112**	**83**	**F**	**2.43**
SR 237 Westbound	**I-880**	**McCarthy Boulevard**	**AM**	164	F	**81**	**168**	**F**	**1.17**
			PM	29	D	124	30	D	1.80
	McCarthy Boulevard	**Zanker Road**	AM	147	F	42	150	F	0.76
			PM	94	F	**58**	**96**	**F**	**1.05**
I-680 Northbound	Capitol Avenue	Montague Expressway	AM	39	D	8	39	D	0.09
			PM	22	C	2	22	C	0.02
	Montague Expressway	Yosemite Drive	AM	30	D	4	30	D	0.04
			PM	28	D	1	28	D	0.01
	Yosemite Drive	Calaveras Blvd. (SR 237)	AM	48	E	4	55	E	0.05
			PM	44	D	1	50	E	0.01
	Calaveras Blvd. (SR 237)	Jacklin Road	AM	41	D	3	41	D	0.05
			PM	95	F	16	95	F	0.23
	Jacklin Road	Scott Creek Road	AM	35	D	1	35	D	0.01
			PM	80	F	10	80	F	0.14

Table 9
Project Freeway Segment Levels of Service

Freeway Direction	From	To	Peak Hour	Existing Conditions		Project Conditions			
				Density[1]	LOS[2]	Trips	Density[1]	LOS[2]	% Impact[3]
	Scott Creek Road	Mission Blvd. (SR 262)	AM	33	D	1	33	D	0.01
			PM	73	F	10	73	F	0.14
I-680 Southbound	Mission Blvd. (SR 262)	Scott Creek Road	AM	38	D	12	38	D	0.17
			PM	28	D	2	28	D	0.03
	Scott Creek Road	Jacklin Road	AM	33	D	12	33	D	0.17
			PM	29	D	2	29	D	0.03
	Jacklin Road	Calaveras Blvd. (SR 237)	AM	36	D	14	36	D	0.20
			PM	28	D	6	28	D	0.09
	Calaveras Blvd. (SR 237)	Yosemite Drive	AM	25	C	0	25	C	0.00
			PM	53	E	3	53	E	0.03
	Yosemite Drive	Montague Expressway	AM	31	D	0	31	D	0.00
			PM	92	F	7	92	F	0.08
	Montague Expressway	Capitol Avenue	AM	23	C	1	23	C	0.01
			PM	98	F	7	98	F	0.08

Notes:
[1]Measured in passenger cars per mile per lane.
[2]LOS = level of service.
[3]Percent impact on mixed flow lanes determined by dividing the number of project trips by the freeway segment's capacity.
Bold text denotes freeway segments with significant impacts.
Source: VTA, December 2006.

Project Freeway Segment Impacts

The impacts of the project were evaluated by comparing the results of the level of service calculations under Project Conditions to the results under Existing Conditions. The proposed project would significantly impact three freeway segments. These impacts are described below.

Impact TR-11: Eastbound SR 237, McCarthy Boulevard to I-880 – Traffic from the proposed project causes the freeway segment to degrade from LOS E to LOS F during the PM peak hour. **[Significant Impact]**

Impact TR-12: Westbound SR 237, I-880 to McCarthy Boulevard – Traffic from the proposed project exacerbates LOS F operations during the AM peak hour. **[Significant Impact]**

Impact TR-13: Westbound SR 237, McCarthy Boulevard to Zanker Road – Traffic from the proposed project exacerbates LOS F operations during the PM peak hour. **[Significant Impact]**

Project Midday Intersection Level of Service

Due to the existing midday traffic in the immediate vicinity of the project site that is associated with the adjacent retail and restaurant development (i.e., Milpitas Square), a midday traffic analysis was completed for three intersections in the immediate vicinity of the site (i.e., McCarthy Boulevard/Bellew Drive, Bellew Drive/Barber Lane, and Barber Lane/Alder Drive). Table 10 shows the results of the midday analysis.

Table 10
Project Midday Intersection Levels of Service

Intersection	Peak Hour	Existing		Project			
		Delay[1]	LOS[2]	Delay[1]	LOS[2]	Δ in Crit. V/C[3]	Δ in Crit. Delay[4]
7. **McCarthy Blvd/Bellew Dr** [M]	**Mid**	24.8	C	89.4	F	0.410	76.8
8. **Bellew Dr/Barber Ln** [M]	**Mid**	43.5	D	197.0	F	0.466	131.0
12. Barber Ln/Alder Dr [M]	Mid	15.9	B	19.8	B-	0.090	5.1

Notes:
[1]Whole intersection weighted average control delay expressed in seconds per vehicle calculated using methods described in the 2000 HCM, with adjusted saturation flow rates to reflect Santa Clara County Conditions for signalized intersections. Total control delay for the worst movement is presented for side-street stop-controlled intersections.
[2]LOS = Level of service. LOS calculations conducted using the TRAFFIX level of service analysis software package.
[3]Change in the critical volume-to-capacity ratio (V/C) between Existing and Project Conditions.
[4]Change in critical movement delay between Existing and Project Conditions.
(CMP) Congestion Management Program intersection, (F) City of Fremont intersection, (M) City of Milpitas intersection, (SC) City of Santa Clara intersection, (SJ) City of San Jose intersection
Bold text denotes intersections with significant impacts.

The addition of traffic from Landmark Towers is projected to degrade midday peak-hour operations at McCarthy Boulevard/Bellew Drive and Bellew Drive/Barber Lane to unacceptable operations.

Impact TR-14: *McCarthy Boulevard*/*BellewDrive* – Intersection operations degrade from LOS C to LOS F during the midday peak hour. **[Significant Impact]**

Impact TR-15: *Bellew Drive/Barber Lane* – The addition of project traffic causes this intersection to degrade from LOS D to LOS F during the midday peak hour. **[Significant Impact]**

Pedestrian, Bicycle, and Public Transit Facilities

The project would generate pedestrian, bicycle, and transit demand. The project site is well served by existing pedestrian, bicycle, and transit services. Existing sidewalks and a path that connects Barber Lane to Tasman Drive are provided adjacent to and in the vicinity of the site. Sidewalks and the path provide direct links to adjacent land uses and to the VTA light rail station on Tasman Drive. Crosswalks are provided at all major intersections in the project area. Bicycle lanes are provided on Barber Lane and bicycle facilities are provided on other roadways near the site. The project site is served by fixed-route bus service with stops located immediately south of the project site. These existing facilities would accommodate the increased demand generated by the proposed development. The proposed project would not interfere with the operation of existing or planned pedestrian, bicycle, or public transit facilities. **[Less than Significant Impact]**

Vehicular Site Access

The conceptual site plan for the proposed project is shown on Figure 3. Access to the project site will be provided from Barber Lane via two driveways. The north driveway will provide access to the parking garage, which is located at the rear of the site. The south driveway will provide access to the commercial loading zone. In addition, a drop-off loop will be located between the two driveways that will shift passenger loading and unloading functions off of Barber Lane onto the site. Vehicular access to and from the project site will not create a hazardous condition. **[Less than Significant Impact]**

Emergency Vehicle Site Access

Both the north and south driveways will provide emergency vehicle access. As shown on the conceptual site plan (Figure 3), an area for fire trucks and other emergency vehicles to turn around is provided at the end of each driveway. **[Less than Significant Impact]**

Parking

The project proposes 1,392 total parking spaces. The proposed project includes Retail, Commercial, and Residential uses; therefore, the Mixed-Use District parking rate in the City of Milpitas Municipal Code (§XI-10-38.06) is applicable to the proposed project. The rates and respective parking requirement for the proposed project are identified in Table 11.

Table 11
Parking Requirements

Land Use	Size	Rate	Stalls Required
Retail	148,805 sf	1 per 250 sf	595
Office	48,960 sf	3.3. per 1,000 sf	162
Commercial Subtotal			757
1 Bedroom Condominium	223 units	1.5 per unit	335
2+ Bedroom Condominium	152	2 per unit	304
Guest Parking	15% of Residential Total		96
Residential Subtotal			735
Total			**1,492**

Source: City of Milpitas Municipal Code (§XI-10-38.06)

Using the Mixed-Use District Rate, the parking supply proposed by the project is 100 spaces deficient.

Because the proposed project contains a mix of retail, office and residential uses, each with different parking characteristics, a shared parking analysis was completed for the project. The shared parking analysis estimates the number of parking spaces needed to accommodate the overall peak demand of the site. The parking demand for retail, office, and residential land uses have different peak times; therefore, combinations of these land uses generate less total parking demand than the demand for each individual land use added together. The shared parking analysis is included in Appendix A of this EIR.

Based on the shared parking analysis, it is estimated that the peak parking demand for the proposed project (i.e., holiday shopping in December on the weekdays before Christmas) would be between 1,286 and 1,356 parking spaces.[7] For this reason, the parking proposed by the project (1,392 spaces) is sufficient to meet the parking demand of the project, and the proposed project would not result in significant impacts related to an on-site parking shortage (e.g., excessive or illegal on-street parking blocking emergency vehicle access). **[Less than Significant Impact]**

[7] The shared parking analysis assumes that 375 parking spaces of the total parking spaces proposed by the project (i.e., 1,392) would be reserved for the residences and the remaining parking spaces (i.e., 1,017) would be shared.

4.2.4 Mitigation and Avoidance Measures for Traffic Impacts

4.2.4.1 *McCarthy Boulevard/Bellew Drive*

The developer shall implement the following measures, which would reduce the project's impact at the intersection of McCarthy Boulevard/Bellew Drive to a less than significant level. These measures shall be printed on all construction documents, contracts, and project plans:

MM TR-1.1: ***McCarthy Boulevard/Bellew Drive***

Prior to issuance of a building permit, the developer shall restripe or pay a fair share contribution towards the restriping of the existing eastbound approach (i.e., one left turn, one through, and one right turn lane) to provide two left turn lanes and one shared through/right turn lane, which would provide acceptable (LOS D) operations. This improvement, in conjunction with optimizing the signal coordination along the McCarthy Boulevard corridor, would also provide acceptable midday operations at this intersection. Installation of the double eastbound left turn lanes requires median island and traffic signal modification work on Bellew Drive from Barber Lane to Technology Drive and on McCarthy Boulevard from Bellew Drive to Ranch Drive. To ensure proper operation, these improvements must also be coordinated with modifications for the intersection of Bellew Drive and Cypress Drive.

4.2.4.2 *SR237/I-880 NB Ramps*

The developer shall implement the following measure, which would reduce the project's impact at the intersection of SR237/I-880 NB Ramps to a less than significant level. This measure shall be printed on all construction documents, contracts, and project plans:

MM TR-2.1: ***SR237/I-880 NB Ramps***

Prior to issuance of a building permit, the developer shall convert the northbound center left turn lane to a shared left- and right turn lane, which would provide acceptable (LOS D) operations. Coordination with Caltrans will be required to implement this improvement, which may require traffic signal and/or median island modifications.

4.2.4.3 *Alder Drive/Tasman Drive*

Traffic from the proposed project exacerbates LOS F operations during the PM peak hour. There are no feasible mitigation measures available to reduce the project impact at the intersection of Alder Drive/Tasman Drive to a less than significant level. Conversion of one southbound (Alder Drive) through lane to a left turn lane to provide a total of three southbound left turn lanes improves intersection operations; however, this improvement would impact pedestrian and bicycle activity, which would increase substantially with this and other recently approved residential projects. This improvement would also degrade vehicle progression and VTA light rail transit operations along Tasman Drive. Thus, the identified mitigation is not considered feasible and the project impact at this intersection is significant and unavoidable.

The following measures are included in the project to reduce the impact at the signalized intersection to the greatest extent feasible.

MM TR-3.1: ***Alder Drive/Tasman Drive***

There are no feasible mitigation measures available to reduce the project impact at the intersection of Alder Drive/Tasman Drive to a less than significant level. Conversion of one southbound (Alder Drive) through lane to a left turn lane to provide a total of three southbound left turn lanes improves intersection operations; however, this improvement would impact pedestrian and bicycle activity (which would increase substantially with this and other recently approved residential projects), and degrade vehicle progression and VTA light rail transit operations along Tasman Drive. Thus, the project impact at this intersection is significant and unavoidable. Prior to issuance of a building permit, the developer shall provide all funding necessary for the design and implementation of traffic operation improvements to help in signal coordination with adjacent intersections (i.e. Tasman Drive/I-880 SB Ramps and Great Mall Parkway/I-880 NB Ramps).

4.2.4.4 *Tasman Drive/I-880 SB Ramps and Great Mall Parkway /I-880 NB Ramps*

There are no feasible mitigation measures available to reduce project impacts at the intersections of Tasman Drive/I-880 SB Ramps and Great Mall Parkway /I-880 NB Ramps to a less than significant level.

The following measures are included in the proposed project to reduce project impacts at these signalized intersections to the greatest extent feasible. These measures shall be printed on all construction documents, contracts, and project plans:

MM TR-4.1: ***Tasman Drive/I-880 SB Ramps***

Prior to issuance of a building permit, the developer shall provide all funding necessary for the design and implementation of traffic operation improvements to help in signal coordination with adjacent intersections (i.e., Tasman Drive/Alder Drive and Great Mall Parkway/I-880 NB Ramps). This mitigation will improve operations at this intersection, but will not reduce the impact to a less than significant level.

MM TR-5.1: ***Great Mall Parkway /I-880 NB Ramps***

Prior to issuance of a building permit, the developer shall provide all funding necessary for the design and implementation of traffic operation improvements to help in signal coordination with adjacent intersections (i.e. Tasman Drive/I-880 SB Ramps and Tasman Drive/Alder Drive). This mitigation will improve operations at this intersection, but will not reduce the impact to a less than significant level.

4.2.4.5 *Bellew Drive/Barber Lane*

The developer shall implement the following measures, which would reduce the project's impact at the intersection of *Bellew Drive/Barber Lane* to a less than significant level. These measures shall be printed on all construction documents, contracts, and project plans:

MM TR-6.1: ***Bellew Drive/Barber Lane***

The developer shall add a northbound left turn lane (which requires removal of the existing bike lanes and on-street parallel parking on a section of Barber Lane). This improvement would provide acceptable PM peak hour operations at this intersection. This improvement, in conjunction with optimizing signal operations, would also provide acceptable midday operations at this intersection.

4.2.4.6 *McCarthy Boulevard-O'Toole Avenue/Montague Expressway*

The developer shall implement the following measure, which would reduce the project's impact at the intersection of McCarthy Boulevard-O'Toole Avenue /Montague Expressway to a less than significant level. This measure shall be printed on all construction documents, contracts, and project plans:

MM TR-7.1: ***McCarthy Boulevard-O'Toole Avenue/Montague Expressway***

The developer shall widen or pay a fair share contribution towards the widening of the northbound approach to provide a dedicated right turn lane from northbound O'Toole Avenue to eastbound Montague Expressway, which would provide LOS D operations during the AM peak hour and LOS E operations during the PM peak hour.

4.2.4.7 *E. Calaveras Boulevard/S. Milpitas Boulevard*

The developer shall implement the following measure, which would reduce the project's impact at the intersection of E. Calaveras Boulevard/S. Milpitas Boulevard to a less than significant level. This measure shall be printed on all construction documents, contracts, and project plans:

MM TR-8.1: ***E. Calaveras Boulevard/S. Milpitas Boulevard***

The developer shall add a third westbound through lane, which requires converting the separate right turn lane to a shared through/right turn lane and striping a third receiving lane past the intersection. This improvement provides acceptable operations (LOS E-) during the AM peak hour and is consistent with the Valley Transportation Plan 2030.

4.2.4.8 *Great Mall Parkway-Capitol Ave/Montague Expressway*

There are no feasible mitigation measures to reduce project impacts at this intersection to a less than significant level.

The following measure is included in the proposed project to reduce to reduce this impact to the greatest extent feasible. This measure shall be printed on all construction documents, contracts, and project plans:

MM TR-9.1: ***Great Mall Parkway-Capitol Ave/Montague Expressway***

Prior to issuance of a building permit, the developer shall pay traffic impact fees, which includes the Montague Expressway traffic fee (see discussion below).

4.2.4.9 *Traffic Impact Fees*

In addition to the mitigation measures described above, the project shall also pay traffic impact fees. The Montague Expressway traffic impact fee goes towards the widening of Montague Expressway. The Milpitas Business Park traffic impact fee goes towards payment of all the existing improvements in the project area (e.g., signal lights, street medians, etc.). The Calaveras Boulevard traffic impact fee goes towards the widening of the Calaveras bridge over the railroad tracks from four to six lanes and also increasing the lanes between I-680 and I-880.

MM TR-10.1: ***Traffic Impact Fees***

The developer shall provide the following traffic impact fees:

- Montague Expressway traffic impact fee
- Milpitas Business Park traffic impact fee
- Calaveras Boulevard traffic impact fee

4.2.4.10 *Freeway Segment Impacts*

The proposed project would impact three segments of SR 237. The City of Milpitas is currently preparing a Citywide Deficiency Plan (CDP) to identify local and regional transportation improvements. The CDP will include the "Immediate Actions" list in Appendix D of the Transportation Impact Analysis Guidelines. Pending final approval of the CDP, the City of Milpitas will require the project applicant to implement, the "Immediate Actions" list in Appendix D of the Transportation Impact Analysis Guidelines (May 1998), as part of the project's approval. These actions include measures to encourage alternative modes of transportation and site design guidelines for new development. Measures from the "Immediate Actions" list (refer to Appendix A of this EIR for the full list) that are appropriate for this project include:

- Improve Pedestrian Facilities (A-4)
- Shuttle (B-3)
- Bus Stop Improvements (B-8)
- Traffic signal timing and synchronization program (F-3)
- HOV parking preference program (G-1)
- Bike facilities (G-2)
- Pedestrian circulation system (G-4)

While implementation of these measures would incrementally reduce traffic, they would not reduce the project's freeway impacts to a less than significant level. For this reason and those listed above, the project's freeway impacts are significant and unavoidable.

4.2.5 Conclusions Regarding Transportation and Traffic Impacts

Traffic from the proposed project would significantly impact nine signalized intersections. The mitigation measures described above would reduce impacts at five of the nine signalized intersections to a less than significant level by improving operations to an acceptable level of service. **[Less than Significant Impact with Mitigation]**

Traffic from the proposed project exacerbates LOS F operations at the intersection of Alder Drive/Tasman Drive during the PM peak hour. There are no feasible mitigation measures available to reduce this impact to a less than significant level. Conversion of one southbound (Alder Drive) through lane to a left turn lane to provide a total of three southbound left turn lanes improves intersection operations; however, this improvement would impact pedestrian and bicycle activity, which would increase substantially with this and other recently approved residential projects. This improvement would also degrade vehicle progression and VTA light rail transit operations along Tasman Drive. The project shall provide all funding necessary for the design and implementation of traffic operation improvements to help in signal coordination with adjacent intersections (i.e. Tasman Drive/I-880 SB Ramps and Great Mall Parkway/I-880 NB Ramps), which will help improve overall traffic circulation in the project area; however, it will not fund specific improvements necessary to mitigate the project's impact. Thus, the project impact at this intersection is significant and unavoidable. **[Significant Unavoidable Impact]**

Traffic from the proposed project exacerbates LOS F operations during the AM peak hour at the intersection of Great Mall Parkway/I-880 NB Ramps and LOS E operations during the PM peak hour at the intersection of Tasman Drive/I-880 SB Ramps. Signal coordination between these intersections and Tasman Drive/Alder Drive will improve operations at these intersections, but will not reduce these impacts to a less than significant level. There is no feasible mitigation available to reduce these impacts to a less than significant level. The project shall provide all funding necessary for the design and implementation of traffic operation improvements to help in signal coordination with Tasman Drive/Alder Drive, which will help improve overall traffic circulation in the project area; however, it will not fund specific improvements necessary to mitigate the project's impact. Thus, the project impact at these intersections is significant and unavoidable. **[Significant Unavoidable Impact]**

Project-generated traffic will degrade intersection operations from LOS E- to LOS F during the AM peak hour and exacerbate LOS F conditions during the PM peak hour at the intersection of Great Mall Parkway-Capitol Ave/Montague Expressway. Prior to issuance of a building permit, the developer shall pay the Montague Expressway traffic fee, which goes towards the widening of Montague Expressway. The widening of Montague Expressway is not fully funded and, therefore, it is unknown when Montague Expressway will be widened. There are no feasible mitigation measures to reduce project impacts at this intersection to a less than significant level. **[Significant Unavoidable Impact]**

4.3 NOISE & VIBRATION

This section is based upon an Environmental Noise Impact Assessment prepared for the proposed project by *Illingworth & Rodkin* in March 2007. The report is included as Appendix B of this EIR.

4.3.1 Regulatory Setting

4.3.1.1 *2001 California Building Code*

Title 24, Appendix Chapter 12, Section 1208A.8.2 of the California Building Code, which is applicable to multi-family and attached dwellings, specifies that interior noise levels attributable to exterior noise sources shall not exceed 45 dB DNL or CNEL in any habitable room.

4.3.1.2 *City of Milpitas General Plan*

The Noise Element of the City of Milpitas' General Plan identifies noise and land use compatibility standards for various land uses. The City's goal is to, "maintain land use compatibility with noise levels similar to those set by State guidelines" and to "minimize unnecessary, annoying, or injurious noise."

4.3.1.3 *City of Milpitas Municipal Code*

The Public Heath, Safety, and Welfare Chapter of the City of Milpitas Municipal Code states that no person shall engage or permit others to engage in construction of any building or related road or walkway, pool or landscape improvement or in the construction operations related thereto, including, delivery of construction materials, supplies, or improvements on or to a construction site except within the hours of 7:00 a.m. to 7:00 p.m. on weekdays and weekends. No construction work shall be conducted or performed on the holidays indicated in Section V-213-2-2.05 of this chapter.

4.3.1.4 *California Department of Transportation (Caltrans)*

Caltrans uses a vibration limit of 12.7 mm/sec (0.5 inches/sec), ppv for buildings structurally sound and designed to modern engineering standards. A conservative vibration limit of 5 mm/sec (0.2 inches/sec), ppv has been used for buildings that are found to be structurally sound but structural damage is a major concern. For historic buildings or buildings that are documented to be structurally weakened, a conservative limit of 2 mm/sec (0.08 inches/sec), ppv is often used to provide the highest level of protection. All of these limits have been used successfully and compliance to these limits has not been known to result in appreciable structural damage. All vibration limits referred to herein apply on the ground level and take into account the response of structural elements (i.e. walls and floors) to ground-borne excitation.

4.3.2 Existing Setting

4.3.2.1 *Fundamentals of Noise*

Noise is defined as unwanted sound. Airborne sound is a rapid fluctuation of air pressure above and below atmospheric pressure. Sound levels are usually measured and expressed in decibels (dB) with 0 dB corresponding roughly to the threshold of hearing.

Most sounds heard in the environment do not consist of a single frequency, but rather a broad band of frequencies, with each frequency differing in sound level. The intensities of each frequency add

together to generate a sound. The method commonly used to quantify environmental sounds consists of evaluating all of the frequencies of a sound and weighting those to which the human ear is most sensitive (i.e., mid-range frequencies). This is called "A" weighting, and the decibel level so measured is called the A-weighted sound level (dBA).

Although the A-weighted noise level may adequately indicate the level of environmental noise at any instant in time, community noise levels vary continuously and, therefore, need to be averaged. In determining the daily level of environmental noise, it is important to account for the difference in response of people to daytime and nighttime noises. Because it is quieter and most people sleep at night, people are more sensitive to nighttime noise intrusion. The DNL (day/night average sound level) descriptor accounts for this sensitivity by weighing nighttime (10:00 PM to 7:00 AM) noise 10 dB higher than the daytime noise level.

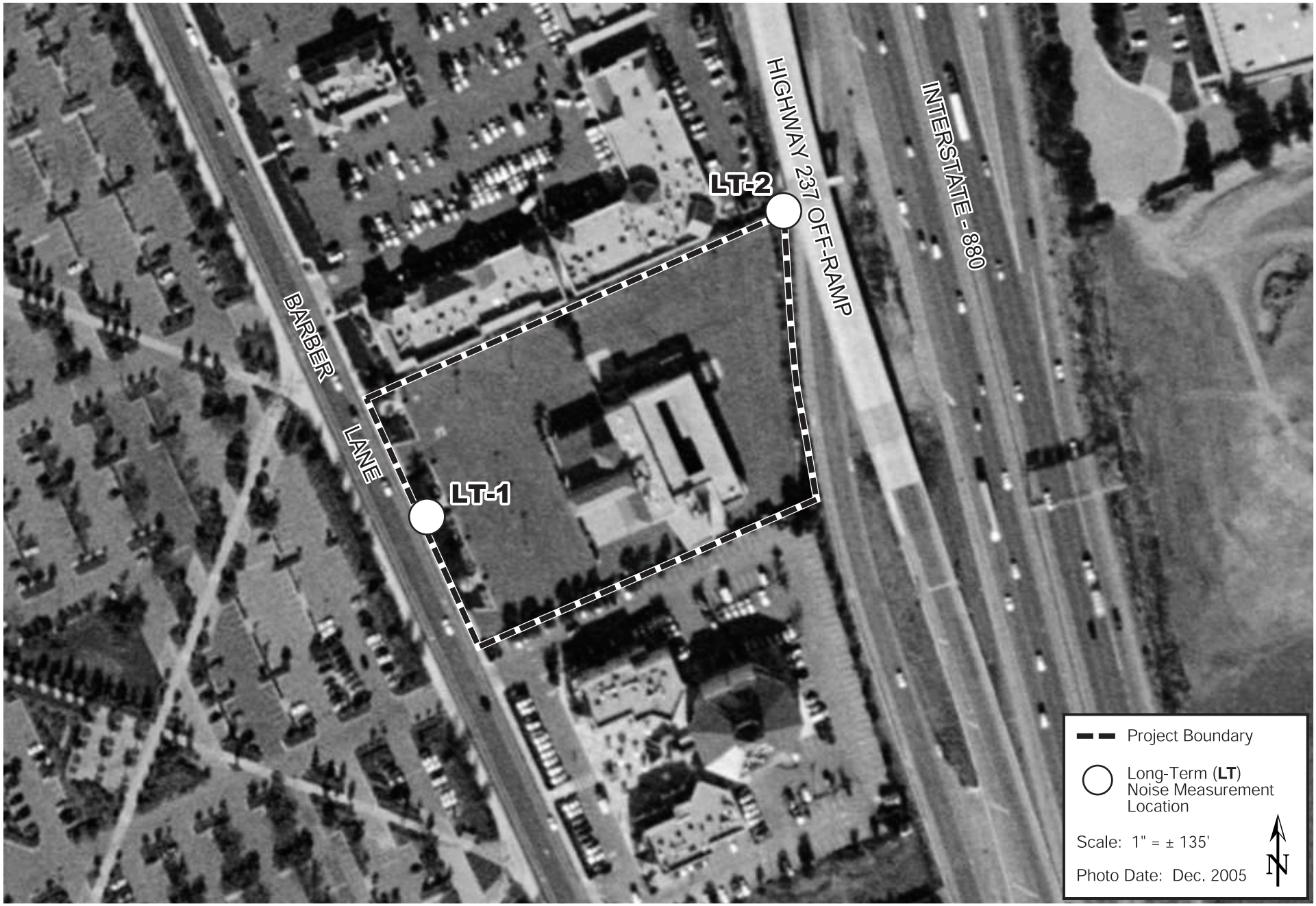
A single number descriptor called the Leq is also widely used. The Leq is the average A-weighted noise level during a stated period of time.

4.3.2.2 *Fundamentals of Groundborne Vibration*

Ground vibration consists of rapidly fluctuating motions or waves. Several different methods are typically used to quantify vibration velocity, including peak particle velocity (ppv), which is used in this section. The disturbance created by vibration depends on the individual and/or the type of activity. For example, certain manufacturing processes necessitate a vibration-free environment. Low-level vibrations frequently cause irritating secondary vibration, such as a slight rattling of windows, doors or stacked dishes.

4.3.2.3 *Existing Noise Sources and Levels*

The project site is bounded by Barber Lane to the west and Interstate 880 to the east. Commercial uses bound the project site to the north and south. Vehicular noise from Interstate 880 dominates the noise environment at the project site. Two long-term noise measurements were completed at the project site to measure the noise levels during the daytime and nighttime hours. The location of one noise measurement was approximately 50 feet from the centerline of Barber Lane and the location of the other measurement was approximately 200 feet from the centerline of Interstate 880. The noise measurement locations are shown on Figure 11. Based on the results of these two long-term noise measurements, noise levels on the project site are projected to range from 80 dBA DNL adjacent to Interstate 880 to 65 dBA DNL adjacent to Barber Lane.



NOISE MEASUREMENT LOCATIONS

FIGURE 11

4.3.3 Noise Impacts

4.3.3.1 *Thresholds of Significance*

For the purposes of this project, a noise impact is considered significant if the project would result in:

- exposure of persons to or generation of noise levels in excess of standards established in the local general plan or noise ordinance, or applicable standards of other agencies; or
- exposure of persons to, or generation of, excessive groundborne vibration or groundborne noise levels; or
- a substantial permanent increase in ambient noise levels in the project vicinity above levels existing without the project; or
- a substantial temporary or periodic increase in ambient noise levels in the project vicinity above levels existing without the project.

While CEQA does not specifically define what amount of noise level increase is considered significant, generally in high noise environments a project is considered by the City to have a significant impact if the project would: 1) substantially and permanently increase existing noise levels by more than three dBA DNL (three decibels is the minimum increase generally perceptible to the human ear); or 2) would cause ambient noise levels to exceed General Plan guidelines.

4.3.3.2 *Short-Term Construction Noise and Vibration Impacts*

Construction Noise Impacts

Construction of the project would involve site improvements such as the establishment of utilities, removal of existing pavement, substantial excavation to create the underground parking garage and to lay foundations, building erection, paving, and landscaping. Pile driving could be used to construct the foundation. Noise impacts from construction activities depend on the various pieces of construction equipment, the timing and length of noise generating activities, the distance between the noise generating construction activities and receptors that would be affected by the noise, and shielding. Construction activities for individual projects are typically carried out in stages. During each stage of construction, there would be a different mix of equipment operating. Construction noise levels would vary by stage and vary within stages based on the amount of equipment in operation and location where the equipment is operating. Most demolition and construction noise is in the range of 80 to 90 dBA at a distance of 50 feet from the source.

The highest noise levels would be generated during grading, excavation, and foundation construction. The erection of large buildings from steel structures can also cause considerable noise for fairly long durations and would not typically be shielded by the surrounding structures. Jackhammers typically generate maximum noise levels of 85 dBA at a distance of 50 feet. Large pieces of earth-moving equipment, such as graders, scrapers, and bulldozers, generate maximum noise levels of 85 to 90 dBA at a distance of 50 feet. Pile driving can produce very high noise levels of about 105 dBA at 100 feet. Mat slab construction would generate lower noise levels than pile driving activities, but would introduce a large number of trucks into the construction area.

Commercial uses are located to the north, west, and south of the project area. During construction, noise levels would be elevated at these nearby businesses. Due to the proximity of the site to Interstate 880, existing ambient noise levels at the site are high. Daytime noise levels at adjacent

uses are estimated to range from 74 to 77 dBA Leq in areas adjacent to and in line-of-sight with I-880 to about 62 dBA Leq in areas that are well shielded and located west of the freeway. There are no noise sensitive exterior uses in the vicinity of the project site. Noise levels are typically about 30 dBA lower inside commercial structures, which are anticipated to be fully ventilated with windows normally closed. Average exterior noise levels at a distance of 100 feet from typical construction activities at the project site would range from 70 to 80 dBA. These noise levels drop off at a rate of about 6 dBA per doubling of distance between the noise source and receptor. Noise levels inside adjacent commercial structures could reach 40 to 50 dBA during busy construction periods and could reach 75 dBA during pile driving activities. Most construction activities would typically be similar to or below noise levels generated by activities within these uses (i.e., conversations, ambient music, etc.). Pile-driving activities would generate noise levels that would be anticipated to disturb occupants, but activities would be intermittent over a short duration within the overall construction schedule.

Impact NO-1: During project construction, businesses in the vicinity of the site would be intermittently exposed to high noise levels. **[Significant Impact]**

Construction Vibration Impacts

Commercial uses adjoin the project site to the north and south. The commercial structure to the north is located less than 20 feet from the project site and the commercial structure to the south is located about 75 feet from the project site. Pile driving may be required to construct the building foundation of the proposed project. The vibration that would be caused by pile driving on the project site has the potential to cause structural and/or architectural damage to the commercial structure to the north of the project site and/or architectural damage to the commercial structure to the south of the project site. Other project construction activities, such as drilling, the use of jackhammers, rock drills and other high-power or vibratory tools, and rolling stock equipment (e.g., tracked vehicles, compactors, etc.) would also generate vibration in the immediate vicinity, but is not anticipated to cause structural or architectural damage to adjacent structures.

Impact NO-2: Commercial uses north and south of the project site would be exposed to vibration during construction of the project foundation, particularly if pile driving is used as a construction method. **[Significant Impact]**

4.3.3.3 *Long-Term Noise Impacts*

Outdoor Use Areas

The City of Milpitas General Plan requires noise levels at common outdoor areas for residential uses to be 65 dBA DNL or less. The proposed project includes three outdoor use areas. These include: 1) a central courtyard on the fifth floor of the mixed-use building, 2) a rooftop outdoor area atop the 18th story of the mixed-use building, and 3) a rooftop outdoor area atop the eighth level of the parking garage structure. The projected noise level contours at these outdoor use areas is shown on Figure 12. Noise levels would be below 60 dBA DNL throughout the courtyard garden area, which is well shielded from noise (i.e., I-880) by the project structure. Noise levels across the majority of the mixed-use rooftop outdoor area would be less than 65 dBA DNL, with higher noise levels on the portions closest to the freeway to the east. Noise levels at the central and western portions of the parking garage rooftop outdoor area would be 65 dBA DNL or less, with higher noise levels also on the portion closest to the freeway to the east.

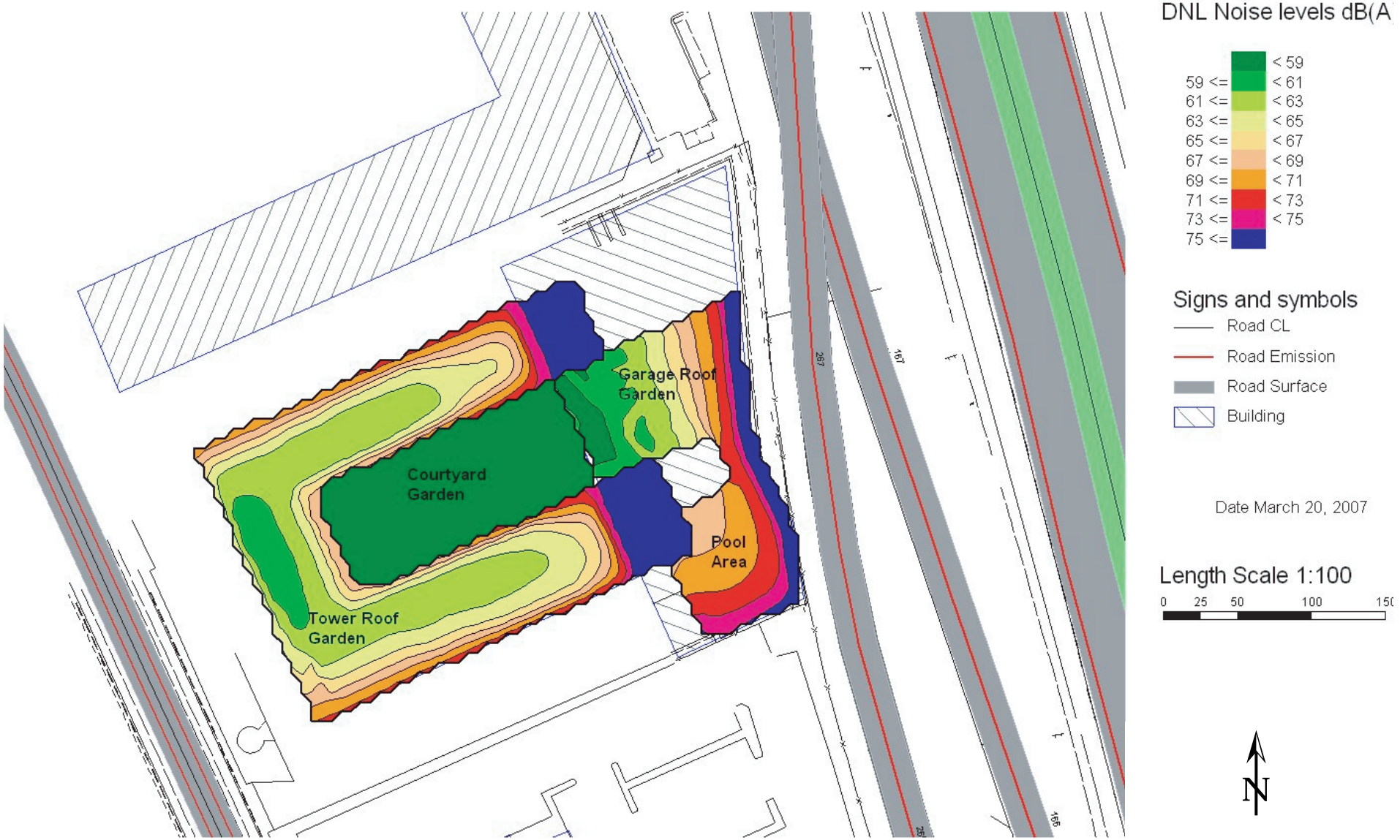
Although the proposed project includes a four-foot glass windbreak/noise barrier over a three-foot solid wall around the outside perimeter of both the rooftop outdoor areas (refer to **Section 2.1.5 Outdoor Use Areas**), portions of both rooftop outdoor areas atop the mixed-use building and the garage would be exposed to noise levels that exceed the 65 dBA DNL criteria established by the City of Milpitas General Plan.

The results of the noise barrier modeling completed for the outdoor rooftop areas show that noise barriers would not reduce noise levels to a less than significant level. A 6-foot high barrier was found to reduce noise levels by about 1 dBA and a 12-foot high barrier was found to reduce noise levels by about 2 dBA. Therefore, the noise levels would continue to exceed 65 dBA DNL in portions of the parking garage rooftop outdoor area, even with the construction of a 12-foot high barrier around the perimeter of the roof.

Because residents of the proposed project would have access outdoor areas that meet the City's 65 dBA DNL criteria, including the central courtyard outdoor area on the fifth floor, the majority of the mixed-use rooftop outdoor area, and the western portion of the parking garage rooftop outdoor area, the exposure of portions of the outdoor common open-space areas to noise levels above the 65 dBA DNL criteria is less than significant. Residents would also have the enclosed clubhouse atop the parking garage. The portions of the rooftop outdoor areas that do not meet the 65 dBA DNL criteria, however, will not count towards the project's park land dedication requirement (refer to **Section 5.5 Parks**). **[Less than Significant Impact]**

Interior Noise Levels

The City of Milpitas and State standards require interior noise levels of residential units to be 45 dBA DNL or lower. Proposed residential unit facades would be exposed to exterior noise levels of up to 76 dBA DNL and the eastern facing façade of the enclosed clubhouse area atop the parking garage would be exposed to an exterior noise level of about 78 dBA DNL. While the clubhouse is not technically considered to be a residential structure, it is included as part of a residential project to be used by residents of the proposed project. Therefore, the 45 dBA DNL interior noise standard is applicable to noise sensitive areas within the clubhouse, as well as to the residential units. Where exterior day-night average noise levels are less than 65 to 70 dBA DNL, interior noise level can typically be maintained below City and State standards with the incorporation of forced air mechanical ventilation systems. Where noise levels exceed 65 to 70 dBA DNL, forced-air mechanical ventilation systems and sound-rated construction would be required to reduce interior noise levels to 45 dBA DNL. Due to traffic noise from I-880, all residential units on the exterior portion of the tower and the central courtyard facing units on the 10th floor and above would be exposed to exterior noise levels of 60 dBA DNL or higher and would require forced-air mechanical ventilation to meet the 45 dBA DNL criteria. Residential units on the outer northwest, northeast, and southeast facing facades and courtyard units on the 13th floor and above would be exposed to exterior noise levels of 65 dBA DNL or higher and would require sound-rated construction in addition to mechanical ventilation. Exterior noise levels at the northeastern facing residential façade would require construction materials and methods with high sound ratings to meet the City and State standards. The clubhouse would be exposed to exterior noise levels of 78 dBA DNL or higher and would also require forced-air mechanical ventilation and construction materials and methods with high sound ratings.



NOISE CONTOURS

FIGURE 12

Impact NO-3: Without the provision of forced-air mechanical ventilation systems and/or implementation of sound-rated construction methods, the interior noise levels of the proposed residential units would be above the City and State standard of 45 dBA DNL. **[Significant Impact]**

Project-Generated Traffic

The development of the project would result in increased traffic on the roadway network. Traffic data prepared for this EIR was reviewed to determine whether or not there would be significant localized or area wide increases in vehicular traffic noise as a result of project-generated traffic. A comparison of future traffic volumes with the project to traffic volumes that would occur without the project indicates that traffic noise levels would increase by less than 1 dBA DNL for the roadway segments most affected by project-generated traffic. This increase is not considered substantial because it would be less than a 3 dBA perceptible change in the noise level. For these reasons, the noise increase resulting from project-generated vehicular traffic would not result in a significant noise impact. **[Less than Significant Impact]**

4.3.4 Mitigation and Avoidance Measures for Noise and Vibration Impacts

4.3.4.1 *Short-Term Construction Noise Impacts*

MM NO-1.1: The developer shall implement the following measures, which would reduce short-term construction noise impacts to a less than significant level. These measures shall be printed on all construction documents, contracts, and project plans:

- Construction equipment shall be well maintained and used judiciously to be as quiet as practical.
- Utilize 'quiet' models of air compressors and other stationary noise sources where technology exists.
- Prohibit all unnecessary idling of internal combustion engines and equip all internal combustion engine-driven equipment with mufflers, which are in good condition and appropriate for the equipment.
- Locate all stationary noise-generating equipment, such as air compressors and portable power generators, as far away as possible from businesses or noise-sensitive land uses.
- Notify all adjacent land uses of the construction schedule in writing.
- Designate a disturbance coordinator, responsible for responding to complaints about construction noise. The name and telephone number of the disturbance coordinator shall be posted at the construction site and made available to businesses, residences or noise-sensitive land uses adjacent to the construction site.
- If pile driving is necessary, pre-drill foundation pile holes to minimize the number of impacts required to seat the pile.

- If pile driving is necessary, when possible the project shall work with the owners and managers of adjacent commercial uses to select days and times to conduct pile-driving activities that would minimize the impact on these uses.

4.3.4.2 *Short-Term Construction Vibration Impacts*

MM NO-2.1: The developer shall implement the following measures, which in addition to those measures listed above for short-term construction noise impacts, would reduce short-term construction vibration impacts to a less than significant level. These measures shall be printed on all construction documents, contracts, and project plans:

- Avoid impact pile driving where possible. Drilled piles or construction of slab mat foundation cause lower vibration levels where geological conditions permit their use.

- Identify any highly vibration sensitive uses located on the adjoining properties to the north and south of the site.

- If impact pile driving is proposed within 50 feet of adjacent structures or within 200 feet of any highly sensitive uses identified in the adjoining buildings, a construction vibration-monitoring plan would need to be implemented to document conditions prior to, during and after vibration generating construction activities. All plan tasks shall be undertaken under the direction of a licensed Professional Structural Engineer in the State of California and in accordance with industry accepted standard methods. The construction vibration monitoring plan would include the following tasks:

  - Schedule pile driving so that piles furthest from adjacent structures are driven first, and only after vibration levels are found to be within the limits is pile driving be allowed at closer distances.

  - Performance of a photo survey, elevation survey, and crack monitoring survey for each impacted structure. Surveys shall be performed prior to any construction activity, in regular interval during construction and after project completion and shall include internal and external crack monitoring in structures, settlement, distress, and shall document the condition of foundations, walls and other structural elements in the interior and exterior of the structures.

  - Development of a vibration monitoring and construction contingency plan to identify structures where monitoring would be completed, set up a vibration monitoring schedule, define structure-specific vibration limits, and address the need to complete photo, elevation, and crack surveys to document before and after construction conditions. Construction contingencies would be identified for when vibration levels approached the limits.

- At a minimum, vibration monitoring shall be completed during pavement demolition, excavation, and pile driving activities. Monitoring results may indicate the need for more or less intensive measurements.

- If vibration levels approach limits, suspend construction and implement contingencies to either lower vibration levels or secure the affected structures.

- Designate a person responsible for registering and investigating claims of excessive vibration. The contact information of the contact person shall be clearly posted on the construction site.

- Complete a post-construction survey on structures where either monitoring has indicated high levels or complaints of damage have been made. Make appropriate repairs or compensation where damage has occurred as a result of construction activities.

- The results of all vibration monitoring shall be summarized and submitted in a report shortly after substantial completion of each phase identified in the project schedule. The report shall include a description of measurement methods, equipment used, calibration certificates and any required graphics to clearly identify vibration-monitoring locations. An explanation of all events that exceeded vibration limits will be included together with proper supporting documentation.

4.3.4.3 *Long-Term Noise Impacts*

MM NO-3.1: The developer shall implement the following measures, which would reduce the interior noise levels of the proposed residential units to a less than significant level (i.e., 45 dBA DNL or lower). These measures shall be printed on all construction documents, contracts, and project plans:

- Building design and treatments will be incorporated in to the project to ensure compliance with State and City noise standards. A project-specific acoustical analysis shall be prepared to ensure that interior noise levels will be reduced to 45 dBA DNL or lower. Building sound insulation requirements would include the provision of forced-air mechanical ventilation for all outer facing residential units, courtyard facing units on the 10th floor and higher, and the clubhouse proposed atop the parking garage, so that windows could be kept closed at the occupant's discretion to control noise. Special building construction techniques may be required for outer northwest, northeast, and southeast facing facades, courtyard units on the 13th floor and above, and the clubhouse atop the parking garage. These treatments could include sound rated windows and doors, sound rated wall constructions, acoustical caulking, etc. Results of the analysis, including the description of the necessary noise control treatments, would be submitted to the City of Milpitas for review and approval along with the building plans, prior to issuance of a building permit. Feasible construction techniques such as these would adequately reduce interior noise levels to 45 dBA DNL or lower.

- A qualified acoustical consultant shall review final site plans, building elevations, and floor plans prior to the issuance of a building permit to calculate expected interior and exterior noise levels and ensure compliance with City policies and State noise regulations.

4.3.5 Conclusions Regarding Noise and Vibration Impacts

Incorporation of the mitigation and avoidance measures described above would reduce or avoid all significant noise and vibration impacts to a less than significant level.

Short-term noise impacts during project construction are usually the result of construction during the early morning or late evening, improperly maintained equipment, and the general lack of consideration of noise generation at construction sites. Implementation of mitigation and avoidance measures MM NO-1 would reduce construction noise impacts to a less than significant level by limiting hours of construction and holding the developer responsible for implementing feasible construction noise mitigation measures. **[Less than Significant Impact with Mitigation]**

The vibration resulting from pile driving on the project site has the potential to cause structural and/or architectural damage to the commercial structure to the north of the project site and/or architectural damage to the commercial structure to the south of the project site. Implementation of mitigation and avoidance measures MM NO-2 would reduce construction vibration impacts to a less than significant level by holding the developer responsible for completing structural and/or architectural surveys before and after pile driving to document any damage that may have occurred and monitoring vibration during pile driving. **[Less than Significant Impact with Mitigation]**

Without the provision of forced-air mechanical ventilation systems and/or implementation of sound-rated construction methods, the interior noise levels of the proposed residential units would be above the City and State standard of 45 dBA DNL. Implementation of mitigation and avoidance measures MM NO-3 would reduce interior noise levels to a less than significant level by holding the developer responsible for submitting a project-specific acoustical analysis prepared by a qualified acoustical consultant that includes the provision of forced-air mechanical ventilation and all necessary sound-rated construction methods. **[Less than Significant Impact with Mitigation]**

Because residents of the proposed project would have access outdoor areas that meet the City's 65 dBA DNL criteria, including the central courtyard outdoor area on the fifth floor, the majority of the mixed-use rooftop outdoor area, and the western portion of the parking garage rooftop outdoor area, the exposure of portions of the rooftop outdoor common open-space areas to noise levels above the 65 dBA DNL criteria is less than significant. Residents would also have the enclosed clubhouse atop the parking garage. The portions of the rooftop outdoor areas that do not meet the 65 dBA DNL criteria, however, will not count towards the project's park land dedication requirement (refer to **Section 5.5 Parks**). **[Less than Significant Impact]**

4.4 AIR QUALITY

This section is based upon an Air Quality Study prepared for the proposed project by *Illingworth & Rodkin* in March 2006. This analysis evaluates the air quality impacts of the proposed project that could result from construction, new vehicle traffic, and/or placement of new sensitive receptors near Interstate 880. The report is included as Appendix C of this EIR.

4.4.1 Introduction and Regulatory Framework

Air pollution typically refers to air that contains chemicals in concentrations that are high enough to cause adverse effects to humans, other animals, vegetation, or materials. Air pollutants include those from natural sources (e.g., forest fires, volcanic eruptions, windstorms, etc.) and human sources (e.g., factories, transportation, power plants, etc.). In the Santa Clara Valley, vehicular emissions are the predominant source of air pollutants.

In recognition of the adverse effects of degraded air quality, Congress and the California Legislature enacted the Federal and California Clean Air Acts, respectively. As a result of these laws, the Environmental Protection Agency (EPA) and the California Air Resources Board (CARB) have established ambient air quality standards for what are commonly referred to as "criteria pollutants", because they set the criteria for attainment of good air quality. Criteria pollutants include carbon monoxide, ozone, nitrogen dioxide, sulfur dioxide, and particulate matter.[8] In general, the California standards are more stringent than the federal standards. Table 12 lists these pollutants, their sources and effects, and the related standards.

The Bay Area Air Quality Management District (BAAQMD) oversees air quality in the San Francisco Bay Area. BAAQMD periodically prepares and updates plans to achieve the goal of healthy air. The BAAQMD plans are prepared with the cooperation of the Metropolitan Transportation Commission (MTC) and the Association of Bay Area Governments (ABAG). The Bay Area 2005 Ozone Strategy (Ozone Strategy) is the most recent plan prepared by BAAQMD. The Ozone Strategy serves as a roadmap showing how the San Francisco Bay Area will achieve compliance with the state one-hour air quality standard for ozone and how the region will reduce transport of ozone and ozone precursors to neighboring air basins. The Ozone Strategy updates Vehicle Miles Traveled (VMT) and other assumptions in the 2000 Clean Air Plan (CAP) related to ozone in the atmosphere and is the current plan to achieve healthy air for the Bay Area.

BAAQMD also operates its Toxic Air Contaminant Control Program, which implements and enforces all Maximum Achievable Control Technology (MACT) standards and Airborne Toxic Control Measures (ATCMs) pertaining to stationary source emissions of these substances. This program also monitors toxic air contaminants at various locations in the Bay Area.

[8] In addition, state standards have been established for lead, sulfates, hydrogen sulfide and visibility reducing particles. The state also recognizes vinyl chloride as a toxic air contaminant. Discussion of these criteria pollutants in this EIR, however, will be limited, because the project is not expected to emit these pollutants. Vinyl chloride and hydrogen sulfide emissions are generally generated from mining, milling, refining, smelting, landfills, sewer plants, cement manufacturing, or the manufacturing or decomposition of organic matter. Because the proposed project does not contain any of these uses, they need not be addressed further in this EIR. As to lead, sulfate and visibility reducing particles, the state standards are not exceeded anywhere in the Bay Area; therefore, these pollutants are not relevant to air quality planning and regulation and need not be further addressed in this EIR.

Table 12
Major Criteria Air Pollutants and Standards

	POLLUTANT					
	Ozone	Carbon Dioxide	Nitrogen Dioxide	Sulfur Dioxide	PM_{10}	PM2.5
Health Effects	Eye irritation, respiratory function impairment	Aggravation Of cardiovascular disease, fatigue, headache, confusion, dizziness, can be fatal	Increased risk of acute and chronic respiratory disease	Aggravation of lung disease, increased risk of acute and chronic respiratory disease	Aggravation of chronic disease and heart/lung disease symptoms	Aggravation of chronic disease and heart/lung disease symptoms
Major Sources	Combustion sources, evaporation of solvents and fuels	Combustion of fuel, combustion of wood in stoves and fireplaces	Motor vehicle exhaust, industrial processes, fossil-fueled power plants	Diesel exhaust, oil-powered power plants, industrial processes	Combustion, cars, field burning, factories, unpaved roads, construction	Combustion, cars, field burning, factories, unpaved roads, construction
Federal Standard	1-hr: n/a 8-hr: .08 ppm	1-hr: 35 ppm 8-hr: 9 ppm	1-hr: n/a AA: .05 ppm	1-hr: n/a 24-hr: .14 ppm AA: .03 ppm	24-hr: 150 µg/m3 AA: 50 µg/m3	24-hr: 65 µg/m3 AA: 15 µg/m3
State Standard	1-hr: .09 ppm 8-hr: .07 ppm	1-hr: 20 ppm 8-hr: 9 ppm	1-hr: .25 ppm AA: n/a	1-hr: .25 ppm 24-hr: .04 ppm AA: n/a	24-hr: 50 µg/m3 AA: 20 µg/m3	24-hr: n/a AA: 12 µg/m3
Bay Area Attainment Status	N	A	A	A	federal - A state - N	federal - A state - N

PM_{10} = particulate matter, 10 microns in size PM2.5 = particulate matter, 2.5 microns in size
AA = annual average 1-hr = 1-hour average 8-hr = 8-hour average 24-hr = 24-hour average
ppm = parts per million µG/m3 = micrograms per cubic meter n/a = not applicable
Attainment Status: A = attainment N = nonattainment

Source: U.S. EPA, Bay Area Air Quality Management District, 2005.

4.4.2 Existing Setting

4.4.2.1 *Existing Air Quality*

The project is located in the northern Santa Clara Valley. The valley is bounded to the north by the San Francisco Bay and by mountains to the east, south, and west. The surrounding terrain greatly influences winds in the valley, resulting in a prevailing wind that follows along the valley's northwest-southeast axis. Wind data collected at Alviso and Mineta San José International Airport characterize wind flow at the project site. Winds are mostly from the northwest (off the bay), occurring about 50 percent of the time. Wind flow from the southeast occurs about 25% of the time, with light and variable winds occurring the other 25 percent of the time. Wind speed on average is about five miles per hour.

Air Monitoring Data

Air quality in the region is controlled by the rate of pollutant emissions and meteorological conditions. Long-term variations in air quality typically result from changes in air pollutant emissions, while frequent, short-term variations result from changes in atmospheric conditions. The San Francisco Bay Area is considered to be one of the cleanest metropolitan areas in the country with respect to air quality. The BAAQMD monitors air quality conditions at over 30 locations throughout the Bay Area. The BAAMQD air quality monitoring station located in downtown San José is the closest to the project site. Table 13 shows the number of days that an ambient air quality standard was exceeded at the downtown San José air quality monitoring station from 2003 to 2005. The pollutant of most concern in the project area is ozone, because prevailing summertime wind conditions tend to cause a build up of ozone in the Santa Clara Valley. Ozone levels measured in San José have not exceeded federal standards in the past five years. The state ozone standard has not been exceeded since 2003, during that year it was exceeded four times. The state PM_{10} standard has been exceeded every year since 2003, up to four days per year.

Table 13
Summary of Recent Air Quality Monitoring Data in San José
[Expressed as Number of Days Exceeding the Standard]

Pollutant	Standard	Downtown San José		
		2003	2004	2005
Ozone	State 1-Hour	4	0	0
Ozone	Federal 8-Hour	0	0	0
CO	State/Federal 8-Hour	0	0	0
NO_2	State 1-Hour	0	0	0
PM_{10}	Federal 24-Hour	0	0	0
PM_{10}	State 24-Hour	3	4	1
$PM_{2.5}$	Federal 24-Hour	0	0	0

CO = carbon monoxide NO_2 = nitrogen dioxide PM = particulate matter
Source: Bay Area Air Quality Management District, 2005.

Odors

There are several sources of odors located east of the project site. These include the Newby Island Landfill and Zanker Road Landfill, the Newby Island Compost Facility, the San Jose/Santa Clara Water Pollution Control Plant (WPCP), and the salt evaporation ponds. The project site is approximately one and one-half miles southeast of the WPCP. The WPCP includes treatment facilities and sludge drying beds that sometimes generate odors that are perceptible off-site. The prevailing wind direction in the project area is generally from the northwest. Wind blows across the WPCP towards the project site approximately 20 percent of the time. When WPCP facilities generate odors and the wind is blowing across the WPCP towards the project site, the odors are perceptible at the project site.

The Bay Area Air Quality Management District (BAAQMD) is responsible for receiving and confirming odor complaints. According to information provided by BAAQMD, between July 2004 and July 2007, there have been a total of 30 WPCP odor complaints in the project area from locations greater in distance from the WPCP compared to the project site. Of these 30 complaints, nine were confirmed and 21 were unconfirmed by BAAQMD (i.e., a BAAQMD representative went to the location of the complaint and verified the odor).

4.4.2.2 *Sensitive Receptors*

Some groups of people are more affected by air pollution than others. The California Air Resources Board identified the following people as most likely to be affected by air pollution: children under 14, the elderly over 65, athletes, and people with cardiovascular and chronic respiratory diseases. These groups are classified as sensitive receptors. Locations that may contain a high concentration of these sensitive population groups include residential areas, hospitals, daycare facilities, elder care facilities, elementary schools, and parks. The nearest existing population of sensitive receptors is a daycare center located approximately 450 feet south of the project site.

4.4.3 Air Quality Impacts

4.4.3.1 *Thresholds of Significance*

For the purposes of this EIR, an air quality impact is considered significant if the project would:

- Conflict with or obstruct implementation of the applicable air quality plan,
- Violate any air quality standard or contribute substantially to an existing or projected air quality violation,
- Result in a cumulatively considerable net increase of any criteria pollutant for which the project region is non-attainment under an applicable federal or state ambient air quality standard (including releasing emissions which exceed quantitative thresholds for ozone precursors),
- Expose sensitive receptors to substantial pollutant concentrations, or
- Create objectionable odors affecting a substantial number of people.

4.4.3.2 *Long-Term Air Quality Impacts*

Bay Area 2005 Ozone Strategy

The Ozone Strategy serves is the current plan to achieve healthy air for the Bay Area. The consistency of the proposed project with the Ozone Strategy is primarily a question of consistency with population/employment assumptions utilized in developing this regional plan. The population/employment assumptions are based on Association of Bay Area Governments (ABAG) Projections 2002. In turn, ABAG Projections 2002 are based on the General Plan's of the City's that comprise the Bay Area, including the City of Milpitas.

The City of Milpitas has substantially more jobs than employed residences (a jobs/housing ratio of about 1.4). The proposed project is infill development that would create additional residential development and will incrementally improve the jobs/housing balance in the City. Providing housing for more of the City's workers is expected to help reduce traffic congestion, commute times, and regional air pollution levels. The project includes and is located adjacent to commercial and retail services that would accommodate the residential development proposed by the project. In addition, the project is served by local transit with direct connections to regional transit. Regional transit is located approximately ½-mile from the project site. However, the project would result in a General Plan amendment that would change the land use designation of the site from a non-residential use to a residential use, which would increase population beyond that anticipated in the General Plan, ABAG Projections 2002, and the Ozone Strategy. Therefore, although the project is anticipated to reduce air pollution levels, the project is technically inconsistent with the Ozone Strategy. This inconsistency would exist until the ABAG projections are updated to include the revised land use designation and the Ozone Strategy is updated to reflect those projections. Because the project is anticipated to reduce air pollution levels, this inconsistency would not result in a significant air quality impact. **[Less than Significant Impact]**

Impacts on Regional Air Quality

The Bay Area is considered a non-attainment area for ground-level ozone under both the federal Clean Air Act and the California Clean Air Act. The area is also considered non-attainment for respirable particulates or particulate matter with a diameter of less than 10 micrometers (PM_{10}) under the California Clean Air Act, but not the federal act. Vehicle trips generated by the project would result in air pollutant emissions affecting the entire San Francisco Bay Air Basin. Regional emissions associated with project vehicle use have been calculated using the URBEMIS2002 emission model. The methodology used to estimate vehicular emissions is described in Appendix C.

The incremental daily emission increase associated with the project is identified in Table 14 for reactive organic gases and oxides of nitrogen (two precursors of ozone) and PM_{10}. The Bay Area Air Quality Management District established a threshold of significance for ozone precursors and PM_{10} of 80 pounds per day. The project emissions shown in Table 14 do not exceed these thresholds of significance; therefore, the proposed project would have a less than significant effect on regional air quality. **[Less than Significant Impact]**

Table 14 Project Regional Emissions in Pounds Per Day			
	Reactive Organic Gases	Nitrogen Oxides	PM_{10}
Vehicular Emissions	41.7	46.9	57.7
Area Source Emissions	26.6	3.8	0
Total	68.3	50.7	57.7
BAAQMD Significance Threshold	80.0	80.0	80.0

Impacts on Local Air Quality

The project would increase traffic on the local street network, increasing carbon monoxide levels along roadways used by project traffic. Carbon monoxide is an odorless, colorless poisonous gas whose primary source in the Bay Area is automobiles. Concentrations of this gas are highest near major roadway intersections that are highly congested.

Two intersections, South Abel Street/West Calaveras Boulevard and Alder Drive/Tasman Drive are considered the worst intersections (in terms of elevated carbon monoxide levels from traffic) that may be affected by project-generated traffic. Future carbon monoxide levels were predicted near these intersections for existing, background, and project conditions. Emissions were calculated using the EMFAC2002 model, developed by the California Air Resources Board, with conservative assumptions for atmospheric conditions and intersection lane configurations. The results are shown in Table 15. The highest 8-hour concentration with the proposed project is predicted to be 7.2 parts per million (ppm), and would occur at the intersection of South Abel Street/West Calaveras Boulevard. Lower concentrations would occur at other intersections affected by project traffic. The results of this screening analysis indicate that project levels would be below the established BAAQMD significance threshold of 9.0 ppm. For this reason, carbon monoxide emissions from project generated traffic are considered less than significant. **[Less than Significant Impact]**

Table 15 Worst Case Carbon Monoxide 8-Hour Concentrations in Parts Per Million			
Intersection	Existing 2006	Background 2015	Project 2015
South Abel Street/West Calaveras Boulevard	10.3	7.2	7.2
Alder Drive/Tasman Drive	8.4	6.8	6.8
BAAQMD Thresholds	**9.0**	**9.0**	**9.0**
Note: Lower carbon monoxide levels in the future are the result of decreased vehicle emissions from new cars.			

Toxic Air Contaminants

In 1998 the California Air Resources Board (CARB) identified particulate matter from diesel fueled engines as a toxic air contaminant (TAC) because it is known to cause cancer. CARB has completed a risk management process that identified potential cancer risks for a range of activities using diesel-

fueled engines. High volume freeways, stationary diesel engines, and facilities attracting heavy and constant diesel vehicle traffic (e.g., distribution centers and truckstops) were identified as having the highest associated risk. The project site is located immediately adjacent to I-880.

An analysis to assess the risk of exposing residents of the proposed project to future diesel particulate matter (DPM) emissions from traffic on I-880 was completed. Emission factors were developed for 2010, 2020, and 2030. Maximum concentrations of DPM would occur at the first row of proposed residences closest to I-880. The maximum individual cancer risks were computed using the methods recommended by BAAQMD and the California Office of Environmental Health Hazard Assessment (OEHHA). Over the course of a 70-year lifetime exposure, the Maximally Exposed Individual (MEI) of the proposed project would increase their chance of contracting cancer nine chances in a million. The BAAQMD CEQA Guidelines threshold of significance is an incremental risk of greater than 10 chances per million at the MEI, which is greater than the incremental risk from the proposed project (i.e., nine chances per million). For this reason, the increased DPM exposure to residents of the proposed project is less than significant. **[Less than Significant Impact]**

Odors

The BAAQMD CEQA Guidelines state that a significant odor impact should be identified if a project is locating near an existing odor source and the project site is closer to the existing odor source than any location where there has been:

1) more than one confirmed complaint per year averaged over a three year period, or
2) three unconfirmed complaints per year averaged over a three year period.

Between April 25, 2002 and April 25, 2005, there were a total of 30 odor complaints (nine confirmed and 21 unconfirmed) from locations in the project area that are further from the WPCP than the project site. This number of complaints is more than one confirmed complaint per year averaged over a three year period and more than three unconfirmed complaints per year averaged over a three year period. Per the BAAQMD CEQA Guidelines, the proposed project would expose future residents to WPCP odors and, therefore, result in a significant odor impact.

Impact AI-1: The proposed project would expose sensitive receptors to objectionable odor from the San José/Santa Clara Water Pollution Control Plant (WPCP) and other odor sources in the area, including the Newby Island Landfill, Zanker Road Landfill, Newby Island Compost Facility, and salt evaporation ponds. **[Significant Impact]**

4.4.3.3 *Short-Term Air Quality Impacts*

Construction Dust Emissions

Dust created during construction of the proposed project would affect local air quality. The dry, windy climate of the area during the summer months creates a high potential for dust generation when and if underlying soils are exposed to the atmosphere. The proposed project would require substantial excavation and earthmoving. The movement of earth on the site is a construction activity with a high potential for creating air pollutants (i.e., PM_{10}). After grading, dust would continue to affect local air quality during construction of the project. If uncontrolled, construction of the proposed project would produce increased dustfall and locally elevated levels of PM_{10} downwind of construction activity.

Impact AI-2: Construction activities on the project site could result in PM_{10} levels downwind of the project site that exceed State standards. **[Significant Impact]**

Construction Ozone Emissions

According to the BAAQMD CEQA Guidelines, emissions of ozone precursors (ROG and NOx) and carbon monoxide related to construction equipment are already included in the emission inventory that is the basis for regional air quality plans, and thus are not expected to impede attainment or maintenance of ozone and carbon monoxide standards in the Bay Area. Therefore, the emission of ozone precursors and carbon monoxide from construction equipment is less than significant. **[Less than Significant Impact]**

Construction TAC Emissions

Health risks from Toxic Air Contaminants are function of both concentration and duration of exposure. Concentrations of diesel emissions are highest within 500 feet of the source. Unlike the exposure of project residents to diesel particulate matter from I-880, construction diesel emissions are temporary, affecting an area for limited period of time. The prevailing wind direction in the project area is from the northwest, which means that the greatest exposure to project construction diesel emissions would be to the southeast, towards a childcare facility that is located approximately 450 feet south of the project site.

Impact AI-3: Sensitive receptors could be exposed to elevated levels of diesel particulate during project construction. **[Significant Impact]**

4.4.4 Mitigation and Avoidance Measures for Air Quality Impacts

4.4.4.1 *Short-Term Air Quality Impacts*

Construction Dust Emissions

MM AI-2.1: The developer shall implement the following measures, which would reduce dust generation to a less than significant level during demolition of existing structures. These measures shall be printed on all construction documents, contracts, and project plans:

- Watering will be used to control dust generation during demolition of structures and break-up of pavement.
- All trucks hauling demolition debris from the site will be covered.
- Dust-proof chutes to load debris into trucks will be used whenever feasible.

MM AI-2.2: The developer shall implement the following measures, which would reduce dust generation during construction to a less than significant level. These measures shall be printed on all construction documents, contracts, and project plans:

- Water all active construction areas at least twice daily and more often during windy periods; active areas adjacent to existing land uses shall be kept damp at all times, or shall be treated with non toxic stabilizers or dust palliatives.

- Cover all trucks hauling soil, sand, and other loose materials or require all trucks to maintain at least two feet of freeboard.
- Pave, apply water three times daily, or apply (non toxic) soil stabilizers on all unpaved access roads, parking areas, and staging areas at construction sites.
- Sweep daily (preferably with water sweepers) all paved access roads, parking areas, and staging areas at construction sites; water sweepers shall vacuum up excess water to avoid runoff related impacts to water quality.
- Sweep streets daily (preferably with water sweepers) if visible soil material is carried onto adjacent public streets.
- Hydroseed or apply non toxic soil stabilizers to inactive construction areas.
- Enclose, cover, water twice daily, or apply non toxic soil binders to exposed stockpiles (dirt, sand, etc.).
- Limit traffic speeds on unpaved roads to 15 mph.
- Install sandbags or other erosion control measures to prevent silt runoff to public roadways.
- Replant vegetation in disturbed areas as quickly as possible.
- Suspend construction activities that cause visible dust plumes to extend beyond the project site.
- Install wheel washers for all existing trucks, or wash off the tires or tracks of all trucks and equipment leaving the site;
- Install wind breaks, or plant trees/ vegetative wind breaks at windward side(s) of construction areas.
- Suspend excavation and grading activities when winds instantaneous gusts exceed 25 mph; and
- Limit the area subject to excavation grading, and other construction activity at any one time

MM AI-3.1: The developer shall implement the following measures, which would reduce the impact of diesel particulate matter emissions during construction to a less than significant level. These measures shall be printed on all construction documents, contracts, and project plans:

- Prohibit use of "dirty" equipment. Opacity is an indicator of exhaust particulate emissions from off-road diesel powered equipment. The project shall ensure that emissions from all construction diesel powered equipment used on the project site do not exceed 40 percent opacity for more than three

minutes in any one hour. Any equipment found to exceed 40 percent opacity (or Ringelmann 2.0) shall be repaired immediately.

- The contractor shall install temporary electrical service whenever possible to avoid the need for independently powered equipment (e.g. compressors).

- Diesel equipment standing idle for more than two minutes shall be turned off. This would include trucks waiting to deliver or receive soil, aggregate, or other bulk materials. Rotating drum concrete trucks could keep their engines running continuously as long as they were on-site and staged away from residential areas.

- Properly tune and maintain equipment for low emissions.

4.4.5 Conclusions Regarding Air Quality Impacts

The population assumptions in the Ozone Strategy are based on the General Plans of each city in the Bay Area, including the City of Milpitas. The project requires a General Plan amendment that would change the land use designation of the project site from a non-residential use to a residential use and, therefore, is inconsistent with the Ozone Strategy. Because the project is infill development that improves the jobs/housing balance in the City, includes and is located adjacent to commercial and retail services, and is served by local transit with direct connections to regional transit and, therefore is anticipated to reduce air pollution levels, this inconsistency would not result in a significant air quality impact. **[Less than Significant Impact]**

Dustfall and locally elevated levels of PM_{10} downwind of construction activity is usually the result of uncontrolled construction activity. Implementation of mitigation and avoidance measures MM AI-3.1 and MM AI-3.2 would reduce dust emission impacts to a less than significant level by holding the developer responsible for implementing controls (e.g., using water to control dust, covering trucks hauling material, and sweeping streets) to reduce dust generation during demolition and construction on the site. **[Less than Significant Impact with Mitigation]**

Diesel emissions during construction is usually the result of improperly tuned and the overuse of diesel equipment. Implementation of mitigation and avoidance measures MM AI-4.1 would reduce diesel emission during construction by holding the developer responsible using properly tuned equipment and reducing the use of diesel equipment to the greatest extent practicable during construction on the site. **[Less than Significant Impact with Mitigation]**

The project would expose sensitive receptors to objectionable odor from the San José/Santa Clara Water Pollution Control Plant (WPCP). BAAQMD advises that the most effective method of avoiding odor impacts is distance (i.e., separation between the odor source and sensitive receptors). The entire project site is exposed to WPCP odor, therefore, it is not possible for the project to provide the separation distance needed to avoid the odor. As discussed in **Section 4.3.4.3 Long-Term Noise Impacts**, forced-air mechanical ventilation is necessary to avoid significant noise impacts. The provision of forced-air mechanical ventilation would also allow residents of the project to keep windows closed when WPCP odors are noticeable. This would not, however, reduce the odor impact to a less than significant level. There are no feasible measures to reduce this impact to a less than significant level. **[Significant Unavoidable Impact]**

4.5 CULTURAL RESOURCES

The following discussion is based upon an archaeological literature review prepared by *Holman & Associates* in September 2006. Because this report may discuss the location of specific archaeological sites, it is considered administratively confidential and is not included in this EIR. Qualified personnel may request a copy from the City's Planning Department located at 455 East Calaveras Boulevard, during normal business hours.

4.5.1 Regulatory Setting

4.5.1.1 *California Public Resources Code*

California Public Resources Code, Sections 21083.2 and 21084.1 defines archaeological and historical resources, respectively. These include resources listed on or eligible for the California Register of Historical Resources (CRHR) or the National Register of Historic Places and those resources listed on a local register. Public Resources Code, Sections 5020.1 through 5024.6 (effective 1992) creates the California Register of Historical Resources (CRHR) and sets forth requirements for protection of historic cultural resources.

4.5.2 Existing Setting

4.5.2.1 *Archaeological Resources*

The project site is located within an area of high archaeological sensitivity due to its proximity to Coyote Creek, which is located approximately 4,700 feet west of the project site. Therefore, a review of archaeological maps and records on file at the Northwest Information Center (NWIC) located at Sonoma State University was completed for the project site by a qualified archaeologist. The archaeological literature review determined that the project site was surveyed in the past and was found to contain no recorded archaeological material. It is possible, however, that the negative finding was caused by the deposition of alluvial soils in the project area, as the project site is located within the former flood zone of Coyote Creek. These alluvial materials may have buried archaeological resources on the project site. Development in the project area over the past thirty years has led to the discovery of numerous buried prehistoric archaeological sites that were found below three feet or more of alluvial materials.

There are two recorded archaeological sites within one-half mile of the project site.
The Elmwood Jail, located east of the project site across Interstate 880, contains a large recorded archaeological site. An additional recorded archaeological site is located north of the project site near the convergence of Highway 237 and Interstate 880.

4.5.2.2 *Historic Resources*

The existing building on the site was constructed in the early 1990's. Because the building is less than 45 years old and vernacular in construction, it is not considered a historic building and no further analysis is warranted.

4.5.2.3 *Other Cultural Resources*

There are no known paleontological resources (i.e., fossils), geologic features (e.g., cavern, crater, river, etc.), or human remains on or adjacent to the project site. The nearest geologic feature to the project site is Coyote Creek.

4.5.3 Cultural Resource Impacts

4.5.3.1 *Thresholds of Significance*

For the purposes of this project, a cultural resources impact is considered significant if the project will:

- cause a substantial adverse change in the significance of a historic resource as defined in §15064.5 of the CEQA Guidelines,
- cause a substantial adverse change in the significance of an archaeological resource pursuant to §15064.5 of the CEQA Guidelines,
- directly or indirectly destroy a unique paleontological resource or site or unique geologic feature,
- disturb any human remains, including those interred outside of formal cemeteries.

4.5.3.2 *Impacts to Archaeological Resources*

Construction of the proposed project would require substantial excavation of soil on the project site. The three levels of below grade parking proposed by the project would require excavating approximately 25 feet below the ground surface across most of the site. Although the site has been surveyed in the past and there are no known archaeological resources on the project site, the site is located in an area of high archaeological sensitivity. If archaeological resources exist on the project, they would likely be buried by three or more fee to alluvial soil. Therefore, it is possible that archaeological resources could be encountered and damaged during construction of the proposed project (i.e., excavating 25 feet below the ground surface).

Impact CU-1: Archaeological resources could be encountered and damaged during construction of the proposed project. **[Significant Impact]**

4.5.3.3 *Impacts to Other Cultural Resources*

The existing building on the project site is not a historic resource. There are no known paleontological resources (i.e., fossils) or geologic features (e.g., cavern, crater, river, etc.) on or adjacent to the project site, and they are not expected to occur on the project site. For these reasons, demolition of the existing structure on the project site and construction of the proposed mixed-use development would not affect cultural resources, except possibly archaeological resources (refer to previous discussion). **[Less than Significant Impact]**

4.5.4 Mitigation and Avoidance Measures for Impacts to Cultural Resources

4.5.4.1 *Archaeological Resources*

MM CU-1.1: The developer shall implement the following measures, which would reduce impacts to archaeological resources to a less than significant level. These measures shall be printed on all construction documents, contracts, and project plans:

- Prior to issuance of a grading permit, the developer shall retain a qualified archaeologist to complete mechanical subsurface presence/absence testing for the project site after the building, pavement, and landscaping are cleared from the project site or the developer shall retain a qualified archaeologist to

monitor all excavation activities on the project site that are associated with the proposed project. Testing shall consist of backhoe trenching for prehistoric deposits, combined with selected stripping of soils to search for the smaller, more discrete archaeological resources.

- In the event that any archaeological deposits are discovered during presence/absence testing or during monitoring of the excavation activities on the project site, activity in the vicinity of the "find" shall cease and a program for evaluation of the deposits through hand excavation of the suspected resource shall be submitted to the Director of Planning for approval. If evaluation demonstrates that the resource is eligible for inclusion on the California Register of Historic Resources, a plan for mitigation of impacts shall be prepared by a qualified archaeologist and submitted to the Director of Planning for approval. The mitigation shall be completely reported in a comprehensive manner, incorporating all methods used and data gained, thorough contemporary scientific analysis of all data, and interpretation of any archaeological resources within a regional archaeological framework. Qualified professional archaeologists shall complete the report to best contemporary standards, and the data shall be made available to other qualified researchers following completion of the Final Report, and a copy shall be provided to the Director of Planning. Appropriate specialized, focused scientific analytic techniques shall be applied (e.g., radiocarbon dating, obsidian sourcing and hydration, typological studies, geomorphological studies, faunal analysis, historic research, etc.).

- In those cases where avoidance is not possible, mitigation shall take the form of additional hand excavation to retrieve a representative sample of the archaeological resource for analysis.

- If human remains are encountered, activity in the vicinity of the "find" shall cease, and the "find" shall be handled in accordance with State law and any applicable Native American agreements. All human remains and burial-associated artifacts shall be repatriated in a location that will not be subject to further disturbance. Using professionally-accepted methods, all archaeological resources shall be catalogued and analyzed and a report summarizing such work shall be prepared and provided to the Director of Planning.

4.5.5 Conclusion regarding Cultural Resources Impacts

Archaeological resources could be encountered and damaged during construction of the proposed project. Implementation of measures MM CU-1.1 would determine is archaeological resources are present on the project site and, if archaeological resources are present, ensure the project does not significantly impact the resources through the implementation of mitigation or avoidance measures. **[Less than Significant Impact]**

4.6 BIOLOGICAL RESOURCES

The following discussion is based in part upon a tree survey completed for the proposed project by *David J. Powers and Associates*, Inc. in August 2006. The tree survey is included as Appendix D of this EIR.

4.6.1 Regulatory Setting

Biological resources include plants and animals and the habitats that support them. Individual plant and animal species that are listed as rare, threatened or endangered under the state and/or federal Endangered Species Act, and the natural communities or habitats that support them, are of particular concern. Sensitive natural communities (e.g., wetlands, riparian woodlands, and oak woodland) that are critical to wildlife or ecosystem function are also important biological resources.

The avoidance and mitigation of significant impacts to biological resources under CEQA is consistent with and complementary to various federal, state, and local laws and regulations that are designed to protect these resources. These regulations often mandate that project sponsors obtain permits that include measures to avoid and/or mitigate impacts required as permit conditions, prior to the commencement of development activities.

4.6.2 Existing Biological Resources

4.6.2.1 *Habitat*

The project site is fully developed and located in a developed urbanized area adjacent to a major freeway. The project site, an auto showroom building surrounded by a paved parking lot, has extremely low value in terms of biological habitat. The most substantial habitat on and adjacent to the project site is landscaping. There are no streams, creeks, or other waterways on or adjacent to the project site. The project site does not function as a wildlife corridor or nursery site, and is not within the boundaries of a conservation plan.

4.6.2.2 *Special Status Species*

Special status species are those plants and animals listed under the state and federal Endangered Species Acts (including candidate species); plants listed on the California Native Plant Society's Inventory of Rare and Endangered Vascular Plants of California (1994); and animals designated as Species of Special Concern by the California Department of Fish and Game. Special status species do not occur on the project site. This conclusion is based upon the fact that the project site and surrounding area is developed and, as a result, does not contain suitable habitat for special status species known to occur in the project area (i.e., marsh, wetland, or serpentine soils). Due to their small size, the landscape trees on the project site do not provide nesting habitat for raptors.

4.6.2.3 *Trees*

On developed commercial property, such as the project site, the City of Milpitas Tree Ordinance defines an ordinance-sized tree as any tree having a trunk that measures 37 inches or greater in circumference at a height of four feet and one-half feet above the ground. A multi-stem tree is considered a single tree and is ordinance-size if any one of its trunks measures 37 inches or greater in circumference. A tree removal permit is required from the City for the removal of ordinance-sized trees.

The tree survey completed for the proposed project identified a total of 37 landscape trees planted on the project site. The landscape trees planted on the site are range in size from seven to 80 inches in circumference at a height of four and one-half feet above the ground. Four palm trees on the site are protected by the City of Milpitas Tree Ordinance. For a complete list of the landscape trees planted on the site and an aerial photo showing their location, refer to Appendix D of this EIR.

4.6.3 Biological Resources Impacts

4.6.3.1 *Thresholds of Significance*

For the purposes of this EIR, a biological resources impact is considered significant if the project would:

- have a substantial adverse effect, either directly or through habitat modifications, on any species identified as a candidate, sensitive, or special status species in local or regional plans, policies, or regulations, or by the California Department of Fish and Game or U.S. Fish and Wildlife Service;
- have a substantial adverse effect on any riparian habitat or other sensitive natural community identified in local or regional plans, policies, or regulations or by the California Department of Fish and Game or U.S. Fish and Wildlife Service;
- have a substantial adverse effect on federally protected wetlands as defined by Section 404 of the Clean Water Act (including, but not limited to, marsh, vernal pool, coastal, etc.) through direct removal, filling, hydrological interruption, or other means;
- interfere substantially with the movement of any native resident or migratory fish or wildlife species or with established native resident or migratory wildlife corridors, or impede the use of native wildlife nursery sites;
- conflict with any local ordinances protecting biological resources, such as a tree preservation ordinance; or
- conflict with the provisions of an adopted Habitat Conservation Plan, Natural Community Conservation Plan, or other approved local, regional, or state habitat conservation plan.

The project site is developed and located in a developed urbanized area adjacent to a major freeway. Development of the proposed project will not directly affect special status plant or animal species, sensitive habitat, wildlife movement, wildlife nurseries, or wetlands, and will not conflict with any local ordinances protecting biological resources or with the provisions of a conservation plan.

The increased density of development on the project site proposed by the project would incrementally increase the amount of non-point source water pollutants (e.g., automobile tire rubber, brake pad dust, and litter) entering waterways (e.g., Coyote Creek and San Francisco Bay) and will incrementally increase air pollutants (e.g., carbon monoxide) in the project area. These indirect impacts to biological resources that would result from the proposed project are not considered substantial. The air and water quality impacts of the proposed project are discussed in detail in **Section 4.4 Air Quality** and **Section 4.8 Hydrology and Water Quality** of this EIR. **[Less Than Significant Impact]**

4.6.3.2 *Trees*

The City of Milpitas Tree Ordinance defines an ordinance-size tree as any woody perennial plant characterized by having a main stem or trunk which measures 37-inches or greater in diameter. The

proposed project will result in the removal of four ordinance-size palm trees measuring 80, 39, 38, and 37 inches in circumference at a height of four and one-half feet above the ground.

Impact BI-1: The proposed project will result in the removal of four ordinance-size palm trees. **[Significant Impact]**

4.6.4 Mitigation Measures for Impact to Biological Resources

MM BI-1.1 Prior to receiving an occupancy permit, the developer shall implement the following measures, which would reduce the impact of the loss of the four ordinance-size palm trees on the project site to a less than significant level. These measures shall be printed on all construction documents, contracts, and project plans:

- In conformance with the City of Milpitas Zoning Ordinance, all trees removed from the site that measure 37 inches or greater in circumference (12-inches in diameter) at four feet six inches above the ground surface will be replaced in-kind at a 3:1 ratio within the project site.

- Trees that are removed but cannot be mitigated for on-site, due to lack of available planting area, will be mitigated by fees paid to the City. The funds will be deposited in the City's Tree Replacement Fund and will be used to plant trees within the City of Milpitas.

4.6.5 Conclusions Regarding Biological Resource Impacts

The project would not result in substantial direct or indirect impacts to biological resources. With implementation of the mitigation measure MM BI-1.1, the proposed project would conform to the City of Milpitas Zoning Ordinance as it pertains to the removal of trees measuring 37 inches or greater in circumference. **[Less Than Significant Impact with Mitigation]**

4.7 GEOLOGY AND SOILS

The following discussion is based upon a Geotechnical Feasibility Investigation prepared for the proposed project by *TRC Lowney* on July 25, 2006. The Geotechnical Feasibility Investigation is included as Appendix E of this EIR.

4.7.1 Regulatory Setting

California Code of Regulations (CCR), Title 24, also known as the California Building Standards Code, ensure buildings in the State of California are properly constructed. It is a compilation of three types of building standards from three different origins:

- Building standards that have been adopted by state agencies without change from building standards contained in national model codes.
- Building standards that have been adopted and adapted from the national model code standards to meet California conditions.
- Building standards, authorized by the California legislature, that constitute extensive additions not covered by the model codes that have been adopted to address particular California concerns.

4.7.2 Existing Setting

4.7.2.1 *Regional Geology*

The City of Milpitas is located in the Santa Clara Valley, an alluvial plain lying between the Santa Cruz Mountains to the west and the Diablo Range to the east. The Santa Clara Valley and the entire San Francisco Bay region are within an area where the geology is dominated by the deformation of the earth's surface due to the movement of the Pacific and North American tectonic plates.

4.7.2.2 *Soils*

The project site is located near the central portion of the Santa Clara Valley and is underlain by stiff alluvial soil that was deposited by meandering rivers and streams.

4.7.2.3 *On-site Geology and Soils Hazards*

Topography

The project site is located on the floor of the Santa Clara Valley at an elevation of approximately 22 feet above mean sea level (msl). The project site slopes gently to the west towards the San Francisco Bay. Because the project site and surrounding area are relatively flat, the possibility for landslides and erosion to occur on the site is low. The project site is not mapped within a landslide hazard zone.[9]

Soils

Based on soil conditions known to exist in the vicinity of the project site, loose surficial, expansive, and compressible soils may exist at the site. In addition, soils on the project site may contain sulfates.

[9] County of Santa Clara, County Geologic Hazard Zones, February 26, 2002.

Groundwater

Groundwater levels in the project vicinity range from five to ten feet below the ground surface (bgs). Fluctuations in the level of groundwater may occur due to variations in rainfall and local underground drainage patterns.

Fault Rupture

The San Francisco Bay Area is one of the most seismically active regions in the United States. Earthquakes that occur in the Bay Area are generally associated with the active fault zones of the San Andreas Fault system, which regionally trend in a northwest direction. The project site is not located within a currently designated Alquist-Priolo Fault Zone or a Santa Clara County Fault Hazard Zone. The nearest active fault zones to the project site are the Silver Creek Fault Zone, Hayward Fault Zone, and the Calaveras Fault Zone, which are located 0.75 miles west, 2.8 miles west, and 7.5 miles southwest of the project site, respectively. A fault zone map is shown on Figure 13. Because of the deep depth of alluvial soil in the project area (i.e., approximately 500 feet) and because no known surface expression of a fault crosses the site, fault rupture through the site is not anticipated.

Ground Shaking

There is a high probability that the project site will experience ground shaking in the next 30 years as the result of a major earthquake in the region.

Liquefaction

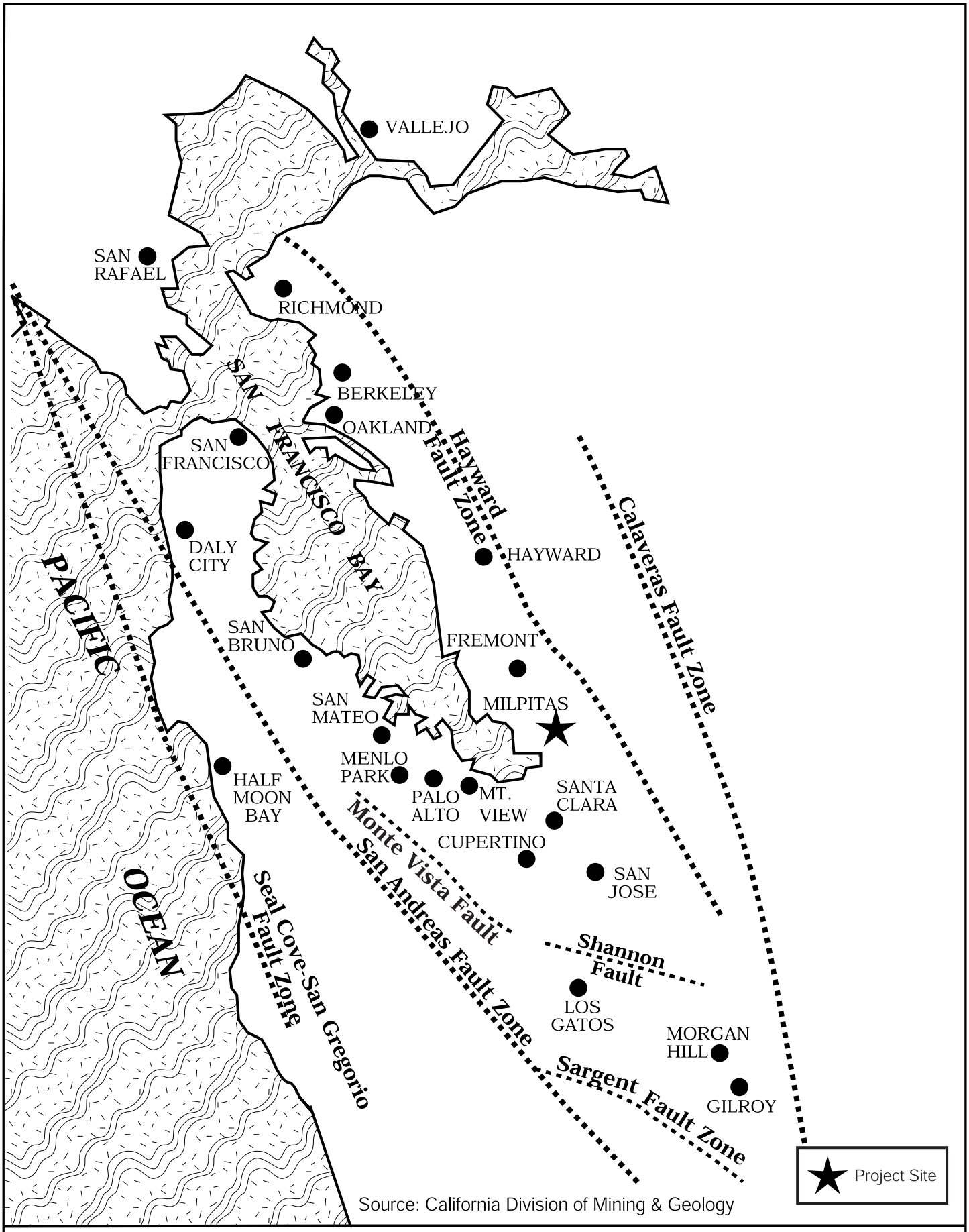
The project site is located in an area mapped by the State of California and the County of Santa Clara as having potential for seismically induced liquefaction hazards. Soil liquefaction is a phenomenon in which saturated, cohesionless soils undergo a temporary loss of strength during earthquake ground shaking. Soils most susceptible to liquefaction are loose to moderately dense, saturated non-cohesive soils, such as sands and silts. These types of soils were encountered in soil borings across Barber Lane from the project site.

Differential Settlement

If near-surface soils vary in composition both vertically and horizontally, strong earthquake shaking can cause non-uniform settlement of unsaturated soil. Soils highly susceptible to differential settlement were encountered across Barber Lane from the project site.

Lateral Spreading

Lateral spreading typically occurs as a form of horizontal displacement of relatively level alluvial material toward an open face such as a body of water, channel, or excavation. Lateral spreading is commonly associated with liquefaction. Coyote Creek is located approximately 3,400 feet west of the project site. Lateral spreading has not been known to occur on the project site, but has been documented in the project vicinity on sites closer to Coyote Creek.



FAULTS OF CONCERN IN THE SAN FRANCISCO BAY AREA FIGURE 13

4.7.3 Geology and Soil Impacts

4.7.3.1 *Thresholds of Significance*

For the purposes of this project, a geologic impact is considered significant if the project would:

- expose people or structures to substantial adverse effects including the risk of loss, injury or death involving rupture of a known earthquake fault, strong seismic ground shaking, seismic related ground failure (including liquefaction), landslides, or expansive soil; or
- expose people or property to major geologic or soils hazards that cannot be mitigated through the use of standard engineering design and seismic safety techniques; or
- result in substantial soil erosion or the loss of top soils.

The primary geology and soils issues that could impact the proposed project include the presence of moderately compressible soils, potential for liquefaction-induced total and differential settlement, possible presence of moderately to highly expansive soils on the site, possible presence of loose surficial soils on the site, presence of shallow groundwater, and possible high levels of sulfates in the surficial soil. These issues are discussed in further detail below.

4.7.3.2 *Soils Impacts*

Based on soil conditions known to exist in the vicinity of the project site, loose surficial, expansive, and compressible soils may exist at the project site. In addition, soils on the project site may contain sulfates. If present, any one of these soil conditions could result in the development proposed by the project to become structurally unsound and/or expose future occupants to harm. Loose surficial soils could result in static and seismic settlement for shallow foundation supported structures. Expansive soils could damage foundations and/or surface improvements due to shrinking and swelling. Compressible soils could create conditions that are unsuitable for shallow foundations. Chemical reactions with sulfates in the soil could damage below-grade concrete and steel.

Impact SO-1: Soil conditions known to exist in the vicinity of the project site could result in the development proposed by the project to become structurally unsound and/or expose future occupants to harm. **[Significant Impact]**

4.7.3.3 *Groundwater Impacts*

Groundwater levels in the project vicinity range from five to ten feet below the ground surface. Shallow groundwater could significantly impact grading and underground construction. These impacts include wet and unstable subgrade soils, difficulty achieving compaction, and difficult underground utility installation. In addition, up to three levels of below-grade parking are proposed by the project, which would extend approximately 25 feet below ground level and would be subject to hydrostatic pressure from existing groundwater below the site. If not designed properly to account for the hydrostatic pressure, the proposed development could become structurally unsound and/or expose future occupants to harm.

Impact SO-2: If not designed properly to account for the hydrostatic pressure, the proposed development could become structurally unsound and/or expose future occupants to harm. **[Significant Impact]**

4.7.3.4 *Seismic Impacts*

While there are no faults running through the project site, the project would be subject to shaking during an earthquake in the area. The impacts of seismic shaking, however, can be mitigated using standard engineering design and seismic safety techniques. The project would be constructed in conformance with the Uniform Building Code guidelines for Seismic Zone 4 to avoid or minimize potential damage from seismic shaking and seismic-related hazards on the site. **[Less than Significant Impact]**

4.7.4 Mitigation and Avoidance Measures for Geology and Soil Impacts

MM SO-1.1 & 2.1: The developer shall implement the following measures, which would reduce geology and soils impacts to a less than significant level. These measures shall be printed on all construction documents, contracts, and project plans:

- A design-level geotechnical investigation shall be completed by a qualified geologist once site development plans are complete. The design-level geotechnical investigation shall address the following issues:
  - compressible soils,
  - liquefaction,
  - expansive soils,
  - loose surficial soils,
  - shallow groundwater, and
  - sulfates in soil.
- The design-level geotechnical investigation shall be reviewed and approved by the City Geologist, prior to approval of a Grading Permit for the project. All recommendations in the design-level geotechnical investigation shall be incorporated into the project design.
- Final construction plans and specifications shall be reviewed by a qualified geologist to verify they are consistent with the recommendations in the design-level geotechnical investigation.
- A qualified geologist will observe earthwork and foundation installation to verify they are completed according to the recommendations in the design-level geotechnical investigation.

4.7.5 Conclusions Regarding Geology and Soils Impacts

The proposed project will include standard engineering techniques in conformance with the Uniform Building Code requirements for Seismic Zone 4 with the mitigation measures described above. This will reduce the potential for geology and soils hazards on the site to affect the proposed project to a less than significant level. **[Less than Significant Impact]**

4.8 HYDROLOGY AND WATER QUALITY

The analysis in this section is partially based on a Stormwater Control Plan prepared for the proposed project by *Mark Thomas & Company, Inc.* in January 2007. The report is included as Appendix F of this EIR.

4.8.1 Regulatory Setting

The **Federal Clean Water Act** and **California's Porter-Cologne Water Quality Control Act** are the primary laws related to water quality. Regulations set forth by the U.S. Environmental Protection Agency (EPA) and the State Water Resources Control Board have been developed to fulfill the requirements of this legislation. EPA's regulations include the National Pollutant Discharge Elimination System (NPDES) permit program, which controls sources that discharge pollutants into waters of the United States (e.g., streams, lakes, bays, etc.). These regulations are implemented at the regional level by water quality control boards. The project site is under the jurisdiction of the San Francisco Bay Regional Water Quality Control Board (RWQCB).[10]

The **Santa Clara Valley Urban Runoff Pollution Prevention Program**, of which the City of Milpitas is a participant, was developed in accordance with the requirements of the RWQCB's San Francisco Bay Basin Water Quality Control Plan, as well as the requirements of EPA's NPDES permit program. Additional water quality control measures were approved in October 2001 (revised in 2005), when the RWQCB adopted an amendment to the NPDES permit for Santa Clara County. This amendment, which is commonly referred to as "C3" (referring to the applicable section of the permit amendment), requires all new and redevelopment projects that result in the addition or replacement of impervious surfaces totaling 10,000 square feet or more to be designed with Best Management Practices (BMPs) that reduce stormwater pollution through source control measures and stormwater treatment measures. In practical terms, the C3 requirements seek to reduce water pollution by both reducing the volume of stormwater runoff and the amount of pollutants that are contained within the runoff. The methods used to achieve these objectives vary from site to site, but can include reducing impervious surfaces, on-site detention facilities, biofiltratration swales, settlement/debris basins, etc.

Hydromodification Management Plan: Pursuant to the C3 requirements, the Santa Clara Valley Urban Runoff Pollution Prevention Program prepared and approved a Hydromodification Management Plan (HMP) for the purpose managing increases in the magnitude, volume, and duration of stormwater runoff from project sites to protect streams from increased erosion or other adverse effects of increased stormwater runoff.[11]

[10]Historically, efforts to prevent water pollution focused on "point" sources (e.g., a sewage treatment plant, power plant, factory, etc.). Recent efforts focus on pollution caused by "non-point" sources, meaning the discharge comes from multiple locations. The best example of this latter category is urban stormwater runoff, the source of which is a myriad of impervious surfaces (e.g., highways, rooftops, parking lots, etc.) that are found in a typical city or town.

[11]Source: "Hydromodification Management Plan", Santa Clara Valley Urban Runoff Pollution Prevention Program, April 2005.

4.8.2 Existing Setting

4.8.2.1 *Drainage and Flooding*

The existing three-acre project site is developed with a building and paved parking. The topography of the site is generally flat. Approximately 89 percent of the existing site is covered with impervious surface (i.e. pavement and building). Pervious surfaces on the existing site consist of landscaping. Stormwater runoff is collected on-site by an underground storm drain system and discharged to the existing 42-inch stormwater main in Barber Lane. The site is not located in a 100-year floodplain.[12] The project area is protected by a levee that contains 100-year flows within the San Francisco Bay. The project area is not subject to inundation from a seiche, tsunami, mudflow or dam failure.

4.8.2.2 *Water Quality*

Urban runoff is a significant source of water pollution in the San Francisco Bay Area. Runoff from most developed areas flows untreated to local creeks and rivers, and the Bay, carrying pollutants that are detrimental to the beneficial uses of these water bodies. Examples of pollutants commonly generated in the San Francisco Bay Area include: sediment from construction sites; products of internal combustion engine operation such as hydrocarbons from automobiles; metals, such as copper from automobile brake pad wear and zinc from tire wear; dioxin as a product of combustion; mercury from atmospheric deposition; and naturally-occurring minerals from local geology.

Section 303(d) of the federal Clean Water Act requires that each state develop a list of water bodies that do not meet water quality standards, establish priority rankings for waters on the list, and develop action plans, called Total Maximum Daily Loads (TMDLs), to improve water quality. Stormwater runoff from the project site enters two water bodies that are listed by the RWQCB and the EPA as impaired: Coyote Creek and San Francisco Bay.[13] Coyote Creek is impaired due to diazinon that is contained within urban runoff. San Francisco Bay is impaired due to chlordane, DDT, diazinon, dieldrin, mercury, and PCBs, all of which are constituents of urban runoff.[14] Although Coyote Creek appears on the list of impaired water bodies, no TMDL has been developed or implemented to date.

In addition to the pollution issue, the increased peak flows and volumes of stormwater associated with existing urbanization have led to adverse impacts such as bank erosion, channel widening, flooding, channel modification and loss of the natural floodplain. This occurs because development typically increases the amount of impervious surface area within a watershed by converting natural ground cover to impervious surfaces such as paved highways, streets, rooftops, and parking lots, thereby diminishing the stormwater retention, detention and purification characteristics provided by the vegetated soils.

[12] Flood Insurance Rate Map, City of Milpitas California Santa Clara County Community-Panel Number 060344 0003 G, June 22, 1998

[13] Coyote Creek and San Francisco Bay are located approximately 3,300 feet and 2.4 miles west of the project site, respectively.

[14] Source: http://www.swrcb.ca.gov/rwqcb2/303dlist.htm

4.8.3 Hydrology and Water Quality Impacts

4.8.3.1 *Thresholds of Significance*

For the purposes of this project, a hydrology and water quality impact is considered significant if the project would:

- violate any water quality standards or waste discharge requirements; or
- substantially deplete groundwater supplies or interfere substantially with groundwater recharge such that there would be a net deficit in aquifer volume or a lowering of the local groundwater table level (e.g., the production rate of pre-existing nearby wells would drop to a level which would not support existing land uses or planned uses for which permits have been granted); or
- substantially alter the existing drainage pattern of the site or area, including through the alteration of the course of a stream or river, in a manner which would result in substantial erosion or siltation on-or off-site; or
- substantially alter the existing drainage pattern of the site or area, including through the alteration of the course of a stream or river, or substantially increase the rate or amount of surface runoff in a manner which would result in flooding on-or off-site; or
- create or contribute runoff water which would exceed the capacity of existing or planned storm water drainage systems or provide substantial additional sources of polluted runoff or otherwise substantially degrade water quality; or
- place housing within a 100-year flood hazard area as mapped on a Federal Flood Hazard Boundary or Flood Insurance Rate Map or other flood hazard delineation map; or
- place structures within a 100-year flood hazard area, such that flood flows would be impeded or redirected; or
- expose people or structures to a significant risk of loss, injury, or death involving flooding, including flooding as a result of the failure of a levee or dam; or be subject to inundation by seiche, tsunami, or mudflow.

4.8.3.2 *Long-Term Water Quality Impacts*

There are two components of development that can result in long-term water quality degradation. These are stormwater volume and the pollutant load of stormwater runoff. Increased stormwater volume can result in erosion and/or the need to channelize waterways. Erosion and/or channelization degrades water quality.

Because the project will replace more than 10,000 square feet of impervious surface area to the project site, the project must comply with the City of Milpitas Stormwater C.3 requirements and the SWRCB NPDES permit.[15] In conformance with the City's Stormwater C.3 Guidebook, a Stormwater Control Plan was prepared for the project (refer to Appendix F). Compared to existing conditions, the proposed project will increase the amount of pervious surfaces on the project site by approximately three percent and all stormwater runoff from the site will flow over on-site grassy swales (refer to Appendix F). The increase of pervious surfaces and the on-site treatment of stormwater runoff would reduce both the rate and amount of stormwater runoff from the project site.

[15]The Regional Water Quality Control Board is currently preparing a new Municipal Regional Permit, which will replace the existing NPDES permit. The proposed project will be subject to all requirements in place when the project application is deemed complete.

This is specifically consistent with adopted HMP criteria. Therefore, the volume of post-project stormwater discharges will not increase erosion or cause other adverse effects in local streams. **[Less than Significant Impact]**

Pollutants in post-project stormwater will result from activities associated with the residential, commercial, and office development proposed by the project. Hydrocarbons, grease, oil, and metals from automobiles are typical runoff pollutants generated from impervious road, driveway and parking lot surfaces. Building roofs also generate hydrocarbons from atmospheric deposition, and metals from roofing materials. In addition, pesticides, and nutrients (from fertilizers and other landscape maintenance products) detergents, coliform bacteria (from pet waste), and trash are all common stormwater pollutants that can be expected from the proposed development. In conformance with the City's Stormwater C.3 Guidebook, a Stormwater Control Plan was prepared for the project (refer to Appendix F). Compared to existing conditions, the proposed project will reduce the amount of impervious surfaces by approximately three percent and all stormwater runoff from the project site will flow over on-site grassy swales (refer to Appendix F). The grassy swales will filter pollutants from the stormwater runoff. Through these features, the operation of the project will not result in long-term significant water quality impacts.[16] **[Less than Significant Impact]**

4.8.3.3 *Short-Term Water Quality Impacts during Construction*

Construction activities including excavation and grading will result in piles of loose soil and will increase the potential for erosion and sedimentation until paving and planting are completed. Once construction is complete and all disturbed soil surfaces have been planted, erosion from the site and associated sedimentation entering Coyote Creek will be minimal.

Dewatering

Groundwater levels in the project vicinity range from five to ten feet below the ground surface (bgs). Fluctuations in the level of groundwater may occur due to variations in rainfall and local underground drainage patterns. The proposed project, which includes up to three levels of below grade parking approximately 25 feet below the ground surface, would require dewatering during construction. Groundwater pumped from below the project has the potential to pollute surface water with sediment or hazardous materials, if the groundwater is contaminated. Dewatering may also be necessary throughout the life of the project, if groundwater enters the below grade parking.

Impact HY-1: Construction activities will increase the potential for wind and water erosion, which could cause the degradation of water quality within Coyote Creek and San Francisco Bay. **[Significant Impact]**

Impact HY-2: Dewatering during project construction and, if needed, after construction, could pollute surface water with sediment or hazardous materials. **[Significant Impact]**

[16] The Regional Water Quality Control Board is currently preparing a new Municipal Regional Permit, which will replace the existing NPDES permit. The proposed project will be subject to all requirements in place when the project application is deemed complete.

4.8.4 Mitigation and Avoidance Measures for Hydrology and Water Quality Impacts

4.8.4.1 *Construction and Post-Construction Water Quality Mitigation Measures*

MM HY-1.1: The following measures, based on Regional Water Quality Control Board Best Management Practices, shall be implemented by the developer to reduce construction-related water quality impacts. The project shall also be compliant with all applicable requirements of the City's NPDES permit in place when the project application is deemed complete. All mitigation shall be implemented prior to the start of earthmoving activities on-site and will continue until the construction is complete. These measures shall be printed on all construction documents, contracts, and project plans:[17]

- Burlap bags filled with drain rock will be installed around storm drains to route sediment and other debris away from the drains.
- Earthmoving or other dust-producing activities would be suspended during periods of high winds.
- All exposed or disturbed soil surfaces would be watered at least twice daily to control dust as necessary.
- Stockpiles of soil or other materials that can be blown by the wind would be watered or covered.
- All trucks hauling soil, sand, and other loose materials would be covered and all trucks would be required to maintain at least two feet of freeboard.
- All paved access roads, parking areas, staging areas and residential streets adjacent to the construction sites would be swept daily (with water sweepers). In addition, a tire wash system may be required.
- Vegetation in disturbed areas would be replanted as quickly as possible.
- All unpaved entrances to the site would be filled with rock to knock mud from truck tires prior to entering City streets. A tire wash system may also be employed at the request of the City.
- A Storm Water Permit will be administered by the State Water Resources Control Board (SWRCB). Prior to construction grading for the proposed land uses, the project proponent will file a "Notice of Intent" (NOI) to comply with the General Permit and prepare a Storm Water Pollution Prevention Plan (SWPPP) that includes measures to be implemented by the project to minimize and control construction and post-construction runoff. Measures will include, but are not limited to, the aforementioned RWQCB mitigation.

[17] Additional measures may be required to prevent water quality impacts.

- The project proponent will submit a copy of the draft SWPPP to the City of Milpitas for review and approval prior to start of construction on the project site. The certified SWPPP will be posted at the project site and will be updated to reflect current site conditions.

- When construction is complete, a Notice of Termination (NOT) for the General Permit for Construction will be filed with the Regional Water Quality Control Board and the City of Milpitas. The NOT will document that all elements of the SWPPP have been executed, construction materials and waste have been properly disposed of, and a post-construction storm water management plan is in place as described in the SWPPP for the site.

MM HY-1.2: The following measures, based on Regional Water Quality Control Board Best Management Practices, shall be implemented by the developer to reduce post-construction water quality impacts. The project shall also be compliant with all applicable requirements of the City's NPDES permit in place when the project application is deemed complete. These measures shall be printed on all construction documents, contracts, and project plans:

- As part of the mitigation for post-construction runoff impacts addressed in the SWPPP, the project will implement regular maintenance activities (i.e., sweeping, maintaining vegetative swales, litter control, and other activities as specified by the City) at the site to prevent soil, grease, and litter from accumulating on the project site and contaminating surface runoff. Storm water catch basins will be stenciled to discourage illegal dumping.

- In compliance with Section XI-16-6 of the Milpitas Municipal Code, the project shall include Permanent Stormwater Pollution Prevention Measures in order to reduce water quality impacts of urban runoff from the entire project site for the life of the project. These measures will include:

  - Landscape designs for stormwater treatments that meet the requirements of Provision C.3. of the City's NPDES permit will be submitted with the Site Development Plans and must be approved by the Planning Department prior to issuance of building permits.

  - The proposed project will be required to sign an Operation & Management (O&M) agreement with the City to insure continued maintenance and performance of post-construction measures.

MM HY-2.1: The following measures shall be implemented by the developer to reduce water quality impacts that could result during dewatering to a less than significant level. The project shall also be compliant with all applicable requirements of the City's NPDES permit in place when the project application is deemed complete. All mitigation shall be implemented prior to the start of earthmoving activities on-site and will continue until dewatering is complete (i.e., during project construction and, if necessary, during the life of the project). These measures shall be printed on all construction documents, contracts, and project plans:

Groundwater below the project site shall be sampled and tested for contaminants.

- If groundwater contaminant levels are below RWQCB discharge thresholds, the project shall obtain a permit from the City of Milpitas to discharge the groundwater pumped from below the site into the City's stormdrain system. This permit will specify the sediment removal measures to be implemented during dewatering (e.g., settling tank, particulate filters, etc.) and the frequency of ongoing water quality testing.

- If groundwater contaminant levels are above RWQCB discharge thresholds, the project shall obtain an NPDES permit from the RWQCB prior to discharging the water into the stormdrain system. This permit will specify the groundwater treatment measures and the water quality treatment standards that shall be achieved prior to discharge into the stormdrain system, the sediment removal measures to be implemented during dewatering (e.g., settling tank, particulate filters, etc.), and the frequency of ongoing water quality testing.

4.8.5 Conclusions Regarding Hydrology and Water Quality Impacts

The project will not deplete the groundwater supply, substantially alter the existing drainage pattern, substantially degrade water quality, subject residents to flood hazards, or increase storm water runoff beyond the capacity of the existing stormwater drainage system. Water quality impacts during and after project construction are usually of soil and contaminants entering the stormwater system. Implementation of measures MM HY-1.1 and MM HY-3.1, and compliance with all applicable requirements of the City's NPDES permit in place when the project application is deemed complete will reduce construction and post-construction water quality impacts to a less than significant level. Implementation of measures HY-2.1 and HY-3.2 will reduce water quality impacts that could occur during dewatering to a less than significant level. **[Less than Significant Impact with Mitigation]**

4.9 HAZARDS AND HAZARDOUS MATERIALS

The following discussion is based upon Phase I Environmental Site Assessment completed for the project site by *TRC Lowney* in September 2006, a Vicinity Hazardous Material Users Survey completed by Belinda Blackie, PE, REA, in March 2007, and a Screening Level Chemical Risk Appraisal completed by Toxichem Management Systems in April 2007; these reports are included as Appendix G, H, and I of this EIR, respectively.

4.9.1 Regulatory Setting

Hazardous materials encompass a wide range of substances, some of which are naturally-occurring and some of which are man-made. Examples include pesticides, herbicides, petroleum products, metals (e.g., lead, mercury, arsenic), asbestos, and chemical compounds used in various manufacturing processes. Determining if such substances are present on or near project sites is important because exposure to hazardous materials can result in adverse health effects on humans, as well as harm to plant and wildlife ecology.

Due to the fact that these substances have properties that are toxic to humans and/or the ecosystem, there are multiple regulatory programs in place that are designed to minimize the chance for unintended releases and/or exposures to occur. Other programs identify remediation requirements at sites where contamination has occurred. Table 16 summarizes many of these regulations.

Table 16
Regulation of Hazardous Materials

Agency	Responsibilities
U.S. Environmental Protection Agency (EPA)	Oversees Superfund sites; evaluates remediation technologies; develops standards for hazmat disposal & cleanup of contamination; implements Clean Air & Clean Water Acts.
U.S. Department of Transportation (DOT)	Regulates and oversees the transportation of hazardous materials.
U.S. Occupational Safety & Health Administration (OSHA)	Implements federal regulations and develops programs & procedures regarding the handling of hazmat for the protection of workers.
CA Department of Toxic Substances Control (DTSC)	Authorized by EPA to implement & enforce various federal hazmat laws & regulations; implements state hazmat regulations; oversees remediation of contamination at various sites.
CA Occupational Safety & Health (Cal-OSHA)	Implements state regulations and develops programs & procedures regarding the handling of hazmat for the protection of workers.
CA Air Resources Board/Bay Area Air Quality Management District (BAAQMD)	Regulates emissions of toxic air contaminants & requires information regarding the risk of such emissions to be available to the public.
CA Water Resources Control Board/Regional Water Quality Control Board (RWQCB)	Regulates the discharge of hazmat to surface and ground waters; oversees remediation of contamination at various sites.
Santa Clara County Department of Environmental Health (SCCDEH)	Oversees & enforces state/local regulations pertaining to hazardous waste generators and risk management programs, including the California Accidental Release Program.
City of San José Fire Department (SJFD)	Implements City's Toxic Gas and Hazardous Material Storage Ordinances; requires businesses that use or store hazmat to prepare a management plan; regulates installation & removal of above- and below-ground storage tanks; reviews plans for compliance with the Uniform Fire and the Flammable & Combustible Liquids Codes.

4.9.2 Existing Setting

The approximately three-acre project site is currently developed with an auto showroom building that is two stories in height and surrounded by a parking lot. The auto showroom building is currently vacant.

A review of relevant records, maps, and historical aerial photographs indicate that the project site was agriculturally cultivated with row crops until at least the mid-1980s. The current on-site building appears to have been constructed in 1992 or 1993. It was occupied by a vehicle sales and repair facility until 2005. Because of its recent construction date, the building is not expected to contain asbestos, lead-based paint, or other hazardous building materials.

A review of published agency documents, agency files, and other pertinent documents was performed for the project site and surrounding area. The project site is not included on a list of hazardous materials sites compiled pursuant to Government Code Section 65962.5 (Cortese List). Based on information regarding the type of release, current case status, and distance and direction from the site, there are no reported hazardous materials spills or releases in the project area that could substantially affect the site.

4.9.2.1 *Pesticides*

Organochloride pesticides (e.g., DDT and DDE) and associated heavy metals (e.g., arsenic and lead) are known to persist in soil long after their application has ceased. Because the project site was used for agricultural purposes in the past, there is a possibility that soil on the project site may be contaminated with organochloride pesticides and/or associated heavy metals.

4.9.2.2 *On-site Chemical Storage and Use*

The project site was previously used as a vehicle sales and repair facility. Automotive repair activities that required the use of hazardous materials took place on-site. Gasoline, motor oil, automatic transmission fluid, coolant, parts cleaning solvent, and other chemicals were stored on-site in above-grade containers. In 2005, the vehicle sales and repair facility was closed and the remaining hazardous materials were removed. The closure of the vehicle sales and repair facility was documented and deemed complete by the Milpitas Fire Department in May 2005.

4.9.3 Hazards and Hazardous Materials Impacts

4.9.3.1 *Thresholds of Significance*

For the purposes of this EIR, a hazardous materials impact is considered significant if the project would:

- create a significant hazard to the public or the environment as a result of the routine transport, use or disposal of hazardous materials; or
- create a significant hazard to the public or the environment through reasonably foreseeable upset and accident conditions involving the release of hazardous materials into the environment; or
- emit hazardous emissions or handle hazardous or acutely hazardous materials, substances or waste within one-quarter mile of an existing or proposed school; or

- create a significant hazard to the public or the environment from existing hazardous materials contamination by exposing future occupants or users of the site to contamination in excess of soil and ground water cleanup goals developed for the site; or
- (for a project located within an airport land use plan) result in a safety hazard for people residing or working in the project area; or
- (for a project within the vicinity of a private airstrip) result in a safety hazard for people residing or working in the project area; or
- impair implementation of or physically interfere with an adopted emergency response plan or emergency evacuation route; or
- expose people or structures to a significant risk of loss, injury or death involving wildland fires, including where wildlands are adjacent to urbanized areas or where residences are intermixed with wildlands.

4.9.3.2 *Agricultural Pesticides*

The project site was used for agricultural purposes in the past. Because organochloride pesticides and associated heavy metals are known to persist in soil long after their use has ceased, there is a possibility that soil on the project site may be contaminated with organochloride pesticides and/or heavy metals. If soils are contaminated with agricultural chemicals, construction personnel working on the proposed project would be exposed to these chemicals.

Impact HA-1: If on-site soils are contaminated with agricultural chemicals, construction personnel working on the proposed project would be exposed to these chemicals. **[Significant Impact]**

The proposed project would require substantial excavation and disposal of on-site soil. If soils are contaminated with agricultural chemicals and the soil is not disposed at a facility designed and operated to accept contaminated soil, then disposal of the soil could contaminate the environment.

Impact HA-2: If on-site soils are contaminated with agricultural chemicals, improper disposal of soil could contaminate the environment. **[Significant Impact]**

The proposed mixed-use building and parking structure would be built above three levels of below grade parking and all other areas on the project site would be paved or landscaped. For these reasons, residents, employees, and visitors of the proposed mixed-use development would not come in contact with the native soils on the project site that are possibly contaminated with agricultural chemicals.

4.9.3.3 *Hazardous Material Use in the Project Vicinity*

Hazardous material use in the project vicinity was evaluated following the recommendations of the City of Milpitas Fire Department and their Guidelines for Preparation of Risk Assessments, due to the location of industrial uses in the vicinity of the project site. The first step of this evaluation included a Vicinity Hazardous Material Users Survey to determine the types and quantities of hazardous materials that are used in the project vicinity. Based on the information gained from the Vicinity Hazardous Material Users Survey, a Screening Level Chemical Risk Appraisal was completed to identify those chemical uses in the project vicinity that may have off-site consequences in the event of an accidental release, and to provide a conservative assessment of possible impacts to

the proposed project. The Screening Level Chemical Risk Appraisal included worst-case release modeling for the chemical use/storage at the following facilities:

- Milpitas Gas Terminal - 3,000 gallon storage tank containing hydrocarbon compounds.
- Watkins Johnson - 260 cubic feet of arsine gas and 775 gallons of liquid hydrogen.
- Silicon Microstructures - 500 gallons hydrofluoric acid and 330 cubic feet of phosphine gas.
- Fairchild Imaging – 60 pounds of hydrogen chloride gas and 1,500 gallons of liquid hydrogen.

The results of the modeling indicate that worst-case releases from the above facilities would not substantially affect people on the project site. Based on the results of the above described evaluation (refer to Appendices H and I), existing hazardous material use in the project vicinity is not anticipated to substantially affect the proposed project in the event of an accidental release. **[Less than Significant Impact]**

4.9.3.4 *Other Hazard and Hazardous Material Concerns*

The project site is not included on a list of hazardous materials sites compiled pursuant to Government Code Section 65962.5 (Cortese List) and is not affected by any known hazardous material releases in the project area. The project site is not located within two miles of a public airport. Development of the proposed project will not affect an emergency response plan or emergency evacuation plan. The site is not located within an area subject to wildfires. The project does not propose any on-site use of hazardous materials other than those commonly used by residential, commercial, and retail uses. The use, storage, and transportation of these materials would be managed in accordance with federal, state, and local laws and regulations. The implementation of the proposed project in accordance with federal, state, and local laws and regulations would ensure that the on-site use of chemicals does not result in a significant hazardous materials impact. **[Less than Significant Impact]**

4.9.4 Mitigation Measures for Hazards and Hazardous Material Impacts

MM HA-1.1 & 2.1: Prior to the issuance of a Grading Permit, the developer shall implement the following measures, which would reduce potential impacts related to pesticide contaminated soil to a less than significant level. These measures shall be printed on all construction documents, contracts, and project plans:

- Soil on the site will be sampled and tested for organochloride pesticides and associated heavy metals.

- If the results of the soil sampling/testing indicate that the soil on the project site is contaminated with agricultural pesticides and/or heavy metals above regulatory agency thresholds, a Soil Management Plan (SMP) will be prepared for the proposed project. The SMP would detail the handling/ disposal of the contaminated soil in a manner that ensures workers, adjacent uses, and the environment are protected. The main objective of the SMP is to establish protocols for the contractor in handling on-site soil during redevelopment of the site (e.g., preparation of a Health and Safety Plan).

- If the results of the soil sampling/testing indicate that the soil on the project site is contaminated with agricultural pesticides and/or heavy metals above regulatory agency thresholds, all soil off-hauled from the project site will be disposed at an appropriate facility that is designed and operated to accept and dispose of hazardous materials safely.

4.9.5 Conclusions Regarding Hazards and Hazardous Materials Impacts

If soil on the project site is contaminated with agricultural chemicals, construction personnel could be exposed to the chemicals, and the improper disposal of the soil could contaminate the environment. Implementation of measures MM HA 1.1 & 2.1 would ensure soil on the site is tested prior to the issuance of a grading permit and, if it is contaminated, properly handled The proposed project, including the mitigation measures identified above, would not result in significant hazards and hazardous materials impacts**. [Less than Significant Impact with Mitigation]**

4.10 VISUAL AND AESTHETICS

4.10.1 Existing Conditions

4.10.1.1 *Visual Character of the Project Area*

The project site is located in an urban area adjacent to a major freeway and is currently developed with a non-descript two-story showroom building, a large paved parking lot, and minimal landscaping. The site has not been well maintained since the auto showroom closed. Development in the project area includes modern commercial and light industrial uses with building heights up to 12 stories tall. The project site is bordered to the east by I-880 and an elevated freeway on-ramp that is approximately 50 feet tall. Currently under construction across I-880 from the project is a 59-acre project that at full build out will contain 315 condos, 165 detached homes, 203 townhomes, and three auto dealerships. The project site is bordered to the north and south by newer shopping centers with two-story buildings and paved surface parking lots. The project site is bordered to the west by Barber Lane. Across Barber Lane from the project site is a newer business park developed with two and three story buildings and large, landscaped surface parking lots. The tallest existing building in the project area is the 12-story Crowne Plaza Hotel, which is located approximately 1,500 feet north of the project site at the corner of Bellew Drive and Barber Lane. Photos of the project site and nearby uses are shown in Photos 1 thru 4 on the following pages.

4.10.1.2 *Scenic Views and Resources*

The project site and the surrounding area are flat, and as a result, the site is only visible from the immediate area. The project area is not a designated scenic corridor and I-880 is not a designated state scenic highway. Scenic views in the project area include the east hills. Due to the flat topography and existing development in the project area, views of the east hills from the project site and the surrounding area are limited.

4.10.1.3 *Light and Glare*

Sources of light and glare are abundant in the urban environment of the project area, including but not limited to street lights, parking lot lights, security lights, vehicular headlights, internal building lights, and reflective building surfaces and windows.

4.10.2 Visual/Aesthetic Impacts

4.10.2.1 *Thresholds of Significance*

For the purposes of this EIR, a visual/aesthetic impact is considered significant if the project would:

- have a substantial adverse effect on a scenic vista; or
- substantially damage scenic resources, including, but not limited to, trees, rock outcroppings, and historic buildings within a state scenic highway; or
- substantially degrade the existing visual character or quality of the site or surroundings; or
- create a new source of substantial light or glare which would adversely affect day or nighttime views in the area.

Photo 1 - View of the existing project site from Barber Lane.

Photo 2 - View of the existing shopping center that is located north of the project site.

PHOTOS 1 AND 2

Photo 3 - View of the existing shopping center that is located south of the project site.

Photo 4 - View of the Crowne Plaza Hotel.

PHOTOS 3 AND 4

Aesthetic values are largely subjective. Particular viewpoints as to what constitutes an adverse visual impact will differ among individuals. The discussion below, therefore, focuses on change in visual perception and views, without placing value on the aesthetic quality of a particular condition.

4.10.2.2 *Change in Visual Character*

The project site is currently developed with a non-descript two-story showroom building, a large paved parking lot, and minimal landscaping. The site has not been well maintained since the auto showroom closed in 2005. The site is located immediately adjacent to an elevated (approximately 50-foot tall) freeway on-ramp and eight-lane freeway in a highly urbanized area that is developed with low to mid-rise industrial and commercial buildings. There is no established residential neighborhood in the project vicinity.

The proposed project would be the tallest building in the City of Milpitas. Buildings similar in height and mass to the project located near the project site and within the City of Milpitas include the 12-story Crowne Plaza Hotel (located approximately 1,500 feet north of the site) and the 10-story Embassy Suites Hotel (located approximately 8,500 feet east of the site). The mass of the proposed project is compared to the Crown Plaza Hotel and the Embassy Suites Hotel on Figure 14. Although taller, the mass of the project is generally comparable to the Embassy Suites Hotel.

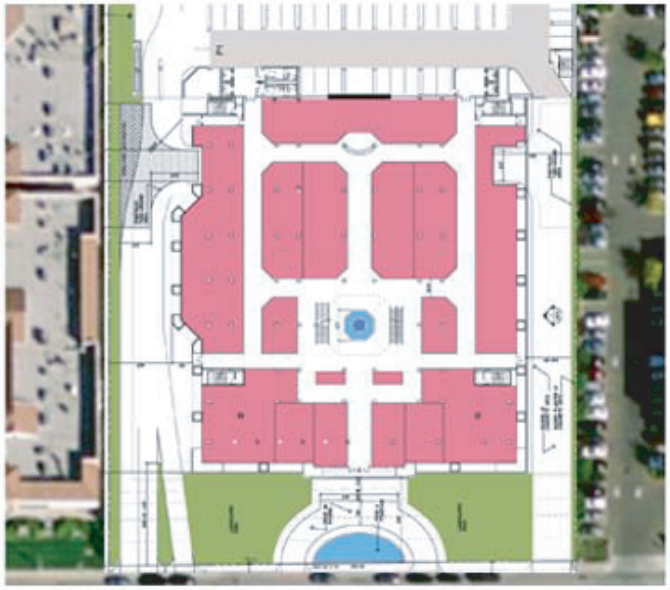
In order to evaluate the impacts of the project on the existing skyline profile, photosimulations of the project were prepared that illustrate the proposed building massing and scale in its surroundings, from a variety of vantage points in the City. The photosimulations are based on building elevations provided by the project architect. Eight views from within the City were selected to illustrate the visual character with and without the project. Views one thru four are from the surrounding area, and views five thru eight are from the immediate vicinity. A map of the view point locations is shown on Figure 15. Figures 16-23 show each of the eight views under existing conditions and photosimulations of how each view would appear with development of the proposed project.

While the proposed project will be substantially taller than the buildings located on surrounding properties, it is not completely out of character with the existing development in the project area. The project area is highly urbanized. There is a 12-story building (Crowne Plaza Hotel) located approximately 1,500 feet north of the site. Interstate 880 and an elevated onramp to Interstate 880 are located immediately east of the project site. Due to the flat topography and existing urban development in the project area, views further from the project site would not substantially change with development of the proposed project. As shown in Figures 16-19, the visual change between the existing views and those with the proposed development is not blatantly observable. The proposed project will be subject to architectural and design review as a part of the City permitting process, to ensure that the final design is a high quality development. For these reasons, the redevelopment of the project site with a modern, mixed-use 18-story high-rise building would not substantially degrade the existing visual character of the site or its surroundings. **[Less than Significant Impact]**

EMBASSY SUITES HOTEL - CALAVERAS BLVD.

CROWN PLAZA HOTEL- BELLEW DRIVE

LANDMARK TOWER - BARBER LANE



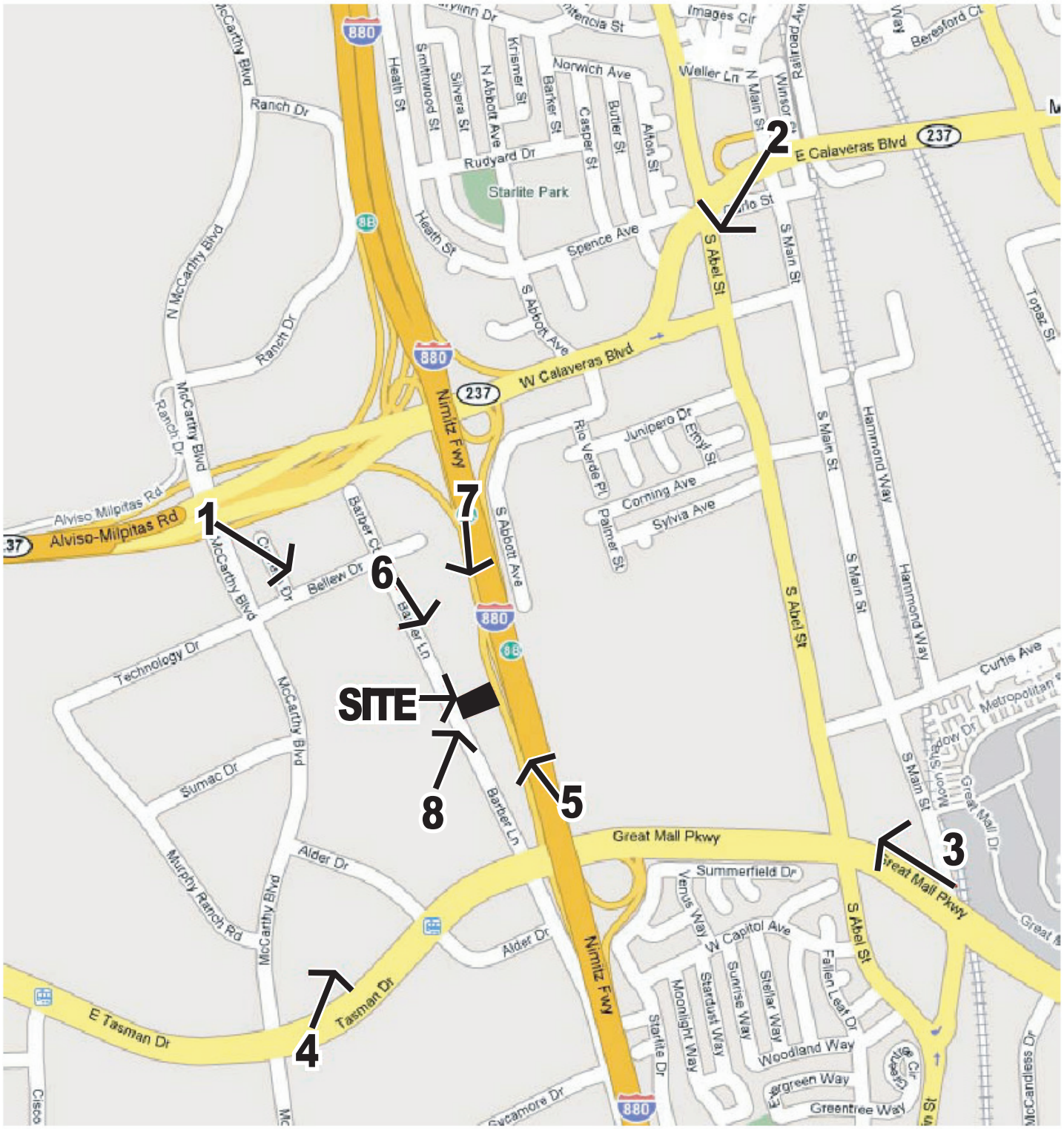
EMBASSY SUITES HOTEL -
CALAVERAS BLVD.

CROWN PLAZA HOTEL- BELLEW DRIVE

LANDMARK TOWER - BARBER LANE

BUILDING MASS COMPARISON

FIGURE 14



PHOTOSIMULATION VANTAGE POINTS

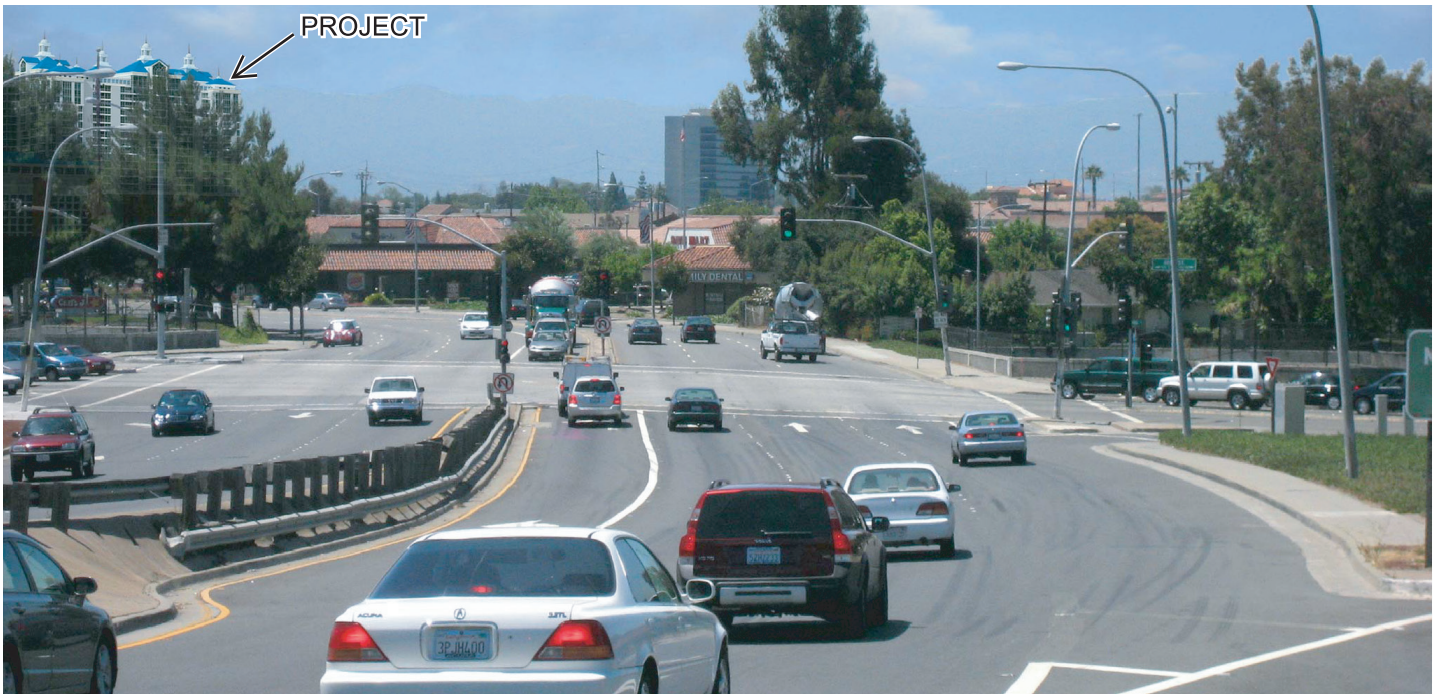
FIGURE 15

EXISTING VIEW - LOOKING SOUTHEAST FROM McCARTHY BLVD. AND STATE ROUTE 237

PROPOSED VIEW - LOOKING SOUTHEAST FROM McCARTHY BLVD. AND STATE ROUTE 237

PHOTOSIMULATION - VIEW 1 FIGURE 16

EXISTING VIEW - LOOKING SOUTHWEST FROM CALAVERAS BLVD. AT THE RAILROAD OVERPASS



PROPOSED VIEW - LOOKING SOUTHWEST FROM CALAVERAS BLVD. AT THE RAILROAD OVERPASS

PHOTOSIMULATION - VIEW 2 FIGURE 17

EXISTING VIEW - LOOKING NORTHWEST FROM SOUTH ABEL STREET AT GREAT MALL PARKWAY

PROPOSED VIEW - LOOKING NORTHWEST FROM SOUTH ABEL STREET AT GREAT MALL PARKWAY

PHOTOSIMULATION - VIEW 3 FIGURE 18

EXISTING VIEW - LOOKING NORTHEAST FROM TASMAN DRIVE AT McCARTHY BLVD.

PROPOSED VIEW - LOOKING NORTHEAST FROM TASMAN DRIVE AT McCARTHY BLVD.

PHOTOSIMULATION - VIEW 4 FIGURE 19

EXISTING VIEW - LOOKING NORTHWEST FROM 880 NORTHBOUND AT GREAT MALL PARKWAY

PROPOSED VIEW - LOOKING NORTHWEST FROM 880 NORTHBOUND AT GREAT MALL PARKWAY

PHOTOSIMULATION - VIEW 5 FIGURE 20

EXISTING VIEW - LOOKING SOUTH FROM BARBER LANE AT BELLEW DRIVE

PROPOSED VIEW - LOOKING SOUTH FROM BARBER LANE AT BELLEW DRIVE

PHOTOSIMULATION - VIEW 6 FIGURE 21

EXISTING VIEW - 880 SOUTHBOUND AT STATE ROUTE 237

PROPOSED VIEW - 880 SOUTHBOUND AT STATE ROUTE 237

PHOTOSIMULATION - VIEW 7 FIGURE 22

EXISTING VIEW - BABER LANE

PROPOSED VIEW - BABER LANE

PHOTOSIMULATION - VIEW 8 FIGURE 23

4.10.2.3 *Effect on Scenic Views*

The Diablo Range foothills to the east provide the only visible natural habitat in the project area. The City of Milpitas General Plan designates the hilltops, hillsides, and ridgelines within Ed Levine Park scenic resources. There are no designated scenic view corridors in the project area. The existing views of the east hills from the project site and the surrounding area are limited, due to the flat topography and existing freeway ramp and intervening development. Existing development west of the project site is industrial. Therefore, the proposed development of an 18-story mixed-use residential building on the site would not block existing residential views of the scenic Diablo Range foothills to the east. **[Less than Significant Impact]**

4.10.2.4 *Light and Glare*

The developed project site is located adjacent to I-880 in a highly urbanized area of Milpitas that is developed with shopping centers and business parks and contains numerous existing sources of light and glare. The proposed project would incrementally add to the existing light and glare in the project area. The project includes outdoor security night lighting along walkways and in the parking structure and entrance areas and light standards would be located along the driveways. Outdoor lighting would also be provided in the common open-space areas including the rooftop common open-space areas proposed atop the parking garage and the residential tower. Lighting on the project site would be directed downward to avoid spillover onto adjacent areas. The headlights of vehicles traveling to and from the project site and within the parking structure would also incrementally add to existing light levels in the project area. Similar to the existing development in the project area, the proposed project will include reflective surfaces such as window panes and trim. The sun reflecting off these surfaces would create glare. Compared to the existing sources of light and glare on and adjacent to the project site, the light and glare created by the proposed project would not be substantial. **[Less than Significant Impact]**

4.10.3 Conclusions Regarding Visual and Aesthetic Impacts

The development of an 18-story mixed-use building on the site would not block scenic views. Compared to the existing sources of light and glare on and adjacent to the project site, the light and glare created by the proposed project would not be substantial. **[Less than Significant Impact]**

The project site is currently developed and is located in a highly urbanized area that is immediately adjacent to an elevated freeway on-ramp and eight-lane freeway. There is no established residential neighborhood in the project vicinity. Due to the flat topography and existing urban development in the project area, views further from the project site would not substantially change with development of the proposed project. The proposed project will be subject to architectural and design review as a part of the City permitting process, to ensure that the final design is a high quality development. For these reasons, the redevelopment of the project site with a modern, mixed-use 18-story high-rise building would not substantially degrade the existing visual character of the site or its surroundings. **[Less than Significant Impact]**

4.11 UTILITIES AND SERVICE SYSTEMS

4.11.1 Existing Setting

The project site and surrounding area is a developed urban environment and is currently served by existing utility and service systems.

4.11.1.1 *Water Service*

The City of Milpitas provides water to the project site. Currently, the source of the domestic water used in Milpitas includes the San Francisco Public Utility Commission (SFPUC) and the Santa Clara Valley Water District (SCVWD). The SFPUC and the SCVWD will continue to supply all potable water to the City for the next 30 years. No new water sources will be added. The project site is within the SCVWD wholesale distribution area.

A 14-inch water main located in Barber Lane serves the project site. According to the build-out scenario of the 2002 Water Master Plan, the City of Milpitas 2005 Urban Water Management Plan shows that the site zoned *General Commercial*, which projects a water demand of 2,400 gallons of water per day per acre. Therefore, the three-acre project site is projected to use up to 7,200 gallons of water per day.

Recycled Water

The City of Milpitas purchases water from the South Bay Water Recycling program. The South Bay Water Recycling Program (SBWRP) is an on-going, multi-year effort to use high quality recycled water from the San Jose/Santa Clara Water Pollution Control Plant (WPCP) for irrigation, industrial, and other purposes. Phase 1 consists of approximately 60 miles of distribution pipeline to serve 240 customers in Milpitas, San Jose, and Santa Clara. Construction on the Milpitas Pipeline segment began in winter of 1997 and provides recycled water to business/retail areas surrounding McCarthy Ranch and Oak Creek Industrial Park. There is an existing 4-inch recycled water main located in Barber Lane that would serve the project site.

4.11.1.2 *Sanitary Sewer/Wastewater Treatment System*

The City's sanitary sewer/wastewater treatment system has two distinct components: 1) a network of sewer mains/pipes that collects and conveys effluent from its source to the treatment plant, and 2) the water pollution control plant that treats the effluent, including a system of mains/pipes that transports a portion of the treated wastewater for non-potable uses (e.g., irrigation of landscaping, agricultural irrigation, dust suppression during construction, etc.).

Sanitary Sewer Mains

The Milpitas Sanitary Sewer Collection System is owned and maintained by the City of Milpitas. There is an existing 27-inch sanitary sewer main in Barber Lane. The City of Milpitas Sewer Master Plan shows that the site zoned *General Commercial*, which projects a generation of 1,000 gallons of sewage per day per acre. Therefore, the three-acre project site is projected to discharge up to 3,000 gallons of sewage per day.

San José/Santa Clara Water Pollution Control Plant

The San José/Santa Clara Water Pollution Control Plant (WPCP), which is located at the northerly end of San José, cleans the wastewater of over 1,500,000 people that live and work in the 300-square mile area encompassing San Jose, Santa Clara, Milpitas, Campbell, Cupertino, Los Gatos, Saratoga, and Monte Sereno. The WPCP has existing capacity to treat 167 million gallons of effluent per day (mgd). Of this total amount, the capacity allocated to the City of Milpitas is roughly 13.5 mgd.

While the capacity of the WPCP is 167 mgd, the amount of treated wastewater that can be discharged to San Francisco Bay by the WPCP is limited to 120 mgd (dry weather peak). This limitation is based upon the concerns of the State Water Resources Control Board and the Regional Water Quality Control Board over the effects of additional freshwater discharges from the WPCP on saltwater marsh habitat, as well as pollutant loading to the Bay from the WPCP. This limitation has led to the development of programs to reduce the volume of wastewater generated at the source, as well as a system that recycles some of the wastewater for non-potable uses.

4.11.1.3 *Storm Drain System*

The City of Milpitas owns and maintains the storm drainage system which serves the project site. An existing 42-inch stormwater main in Barber Lane currently serves the project site. Except for minimal landscaping, the project site is covered with impermeable surfaces. Therefore, the existing rate of stormwater runoff from the project site is high.

4.11.1.4 *Solid Waste Disposal System*

Allied Waste Services of Santa Clara County provides residential solid waste and recycling collection services for the City of Milpitas. Allied Waste Services owns and operates Newby Island Landfill. The Newby Island Landfill is estimated to reach capacity in the year 2023.[18]

4.11.2 Utilities and Services Impacts

4.11.2.1 *Thresholds of Significance*

For the purposes of this EIR, a utility and service impact is considered significant if the project would:

- exceed wastewater treatment requirements of the applicable Regional Water Quality Control Board;
- require or result in the construction of new/expanded water or wastewater treatment facilities, the construction of which could cause significant environmental effects;
- require or result in the construction of new stormwater or wastewater drainage facilities or expansion of existing facilities, the construction of which could cause significant environmental effects;
- not have sufficient water supplies available to serve the project from existing entitlements and resources, and would require new or expanded entitlements;
- result in a determination by the wastewater treatment provider which serves or may serve the project that it does not have adequate capacity to serve the project's projected demand in addition to the provider's existing commitments;

[18] Gil Cheso, General Manager, Allied Waste Services, Phone Conversation, April 2008.

- be served by a landfill without sufficient permitted capacity to accommodate the project's solid waste disposal needs; or
- be inconsistent with federal, state or local statutes and regulations related to solid waste.

4.11.2.2 *Water Impacts*

The water demand rates in the City's Water Master Plan for the proposed uses are 0.15 gpd per gross square foot of retail development, 0.16 gpd per gross square foot of office development, and 243 gpd per dwelling unit. Using these rates, the project would generate a total base water demand of 121,280 gpd.[19] This is 113,013 gpd more than the Water Master Plan base water flow (bwf) estimated for the site under the existing zoning designation (see Table 17).

Table 17
Existing and Project Water Demand

Land Use Code	Base Water Flow (gpd)
Existing Land Use – Commercial	7,200
Existing Land Use Total	**7,200**
Proposed Land Use – Residential	91,125
Proposed Land Use – Office	7,778
Proposed Land Use – Retail	21,310
Proposed Land Use Total	**121,280**
Net Increase In Demand (above Master Plan)	**113,013**

The project site will be supplied with water purchased from the SCVWD, which receives its water supply for this area primarily from imported surface water. While the proposed project would result in a substantial net increase in water demand compared to the existing use (a net increase of approximately 113,013 gpd), the City of Milpitas has determined that there is sufficient water supply available to serve the proposed project. The City shall prepare and adopt a Water Supply Assessment in accordance with SB 610. Comments from the SCVWD will be included in the Water Supply Assessment, including verification of sufficient water supply. To reduce potable water demand, the project will incorporate water conservation practices to the maximum extent practicable (e.g., water efficient landscaping) in accordance with City policies and utilize recycled water to the maximum extent practicable (e.g., irrigation).[20] City development policies require the developer to design and install all water mains in accordance with the City's Water Master Plan. In addition, the developer is required to pay all water related fees including connection fees and water treatment plant fees.

The existing 14-inch water main located in Barber Lane has sufficient capacity to serve the proposed project (including fire flow). No new or extended entitlements will be required to supply water to the project.

Impact UT-1: The proposed project would substantially increase water demand compared to the existing use. **[Significant Impact]**

[19] 0.15 gpd x 148,805 gross square feet retail + 0.16 gpd x 48,960 gross square feet office + 243 gpd x 375 residences = 121,280 gpd

[20] Recycled water is permitted for external perimeter irrigation only (i.e., not in the atrium).

4.11.2.3 *Sanitary Sewer/Wastewater Impacts*

Per the City of Milpitas Sewer Master Plan, the existing project site is projected to discharge 3,000 gallons of wastewater per day. The wastewater generation rates for the proposed uses are 0.10 gpd per gross square foot of retail and office development and 243 gpd per dwelling unit. Using these rates, the total wastewater generation for the project is 110,902 gpd[21], which is 107,902 gpd of wastewater generated above the existing condition (see Table 18).

Table 18
Existing and Project Sanitary Sewer Demand

Land Use Code	Base Water Flow (gpd)
Existing Land Use – Commercial	3,000
Existing Land Use Total	**3,000**
Proposed Land Use – Residential	91,125
Proposed Land Use – Office	4,861
Proposed Land Use – Retail	14,207
Proposed Land Use Total	**110,902**
Net Increase In Demand (above Master Plan)	**107,902**

San José/Santa Clara Water Pollution Control Plant

The San José/Santa Clara Water Pollution Control Plant (WPCP) provides wastewater treatment for the City of Milpitas. The WPCP has existing capacity to treat 167 million gallons of effluent per day (mgd). Effective July 1, 2006, the City of Milpitas' WPCP allocation was increased from 12.5 mgd to 13.5 million gallons per day (mgd). Although the City of Milpitas' WPCP allocation was recently increased, it cannot be assumed that all proposed discharge exceeding the Midtown Specific Plan or August 2004 Sewer Master Plan zoning amounts are accommodated from the increase. It is anticipated that the citywide demand will exceed the existing 13.5 mgd WPCP allocation upon General Plan build-out. The remainder of the City's WPCP allocation is available upon a first-come-first-served basis, based on the project application date. For this reason, it is possible for the project to result in a determination that the City's existing WPCP allocation is not adequate to serve the project's projected demand in addition to the City's existing commitments. The project will increase the flow of wastewater to the City's wastewater collection system and the regional treatment plant. Project permits are contingent upon the City determining adequate collection system and treatment plant capacity are available. The City is reviewing the projections in the 2004 Sewer Master Plan, and the need and timing for the purchase of additional capacity. Current flows are 8 to 9 mgd, far below the City's current capacity of 13.5 mgd. If additional capacity is determined to be necessary, the City of Milpitas intends to meet its cumulative wastewater treatment demands by acquiring additional treatment plant capacity from either the reallocation due to the reduction of existing large users or purchase from another agency such as Cupertino Sanitary District or cities of San Jose and Santa Clara, the owners of the regional treatment plant. Milpitas has been involved in negotiations to obtain additional wastewater treatment capacity from these agencies. The indirect impact on growth that would result from this purchase of additional sewage discharge capacity is increased growth in

[21] 0.10 gpd x 148,805 gross square feet retail + 0.10 gpd x 48,960 gross square feet office + 243 gpd x 375 residences = 110,902 gpd

the City of Milpitas versus the one or more Cities/Sanitary Districts from which the City of Milpitas purchases WPCP capacity.

Impact UT-2: The project will reduce the available limited capacity at the WPCP. **[Significant Impact]**

Main Pump Station

Construction is underway on the Milpitas Main Sewer Pump Station replacement project. This station lifts flows from local sewer mains to the WPCP. The existing station is being replaced in kind because the existing station is very old, has outlived its useful life, has seismic deficiencies, and is relatively expensive to operate and maintain. The existing pump station has a pumping capacity of 42 to 45 million gallons per day (MGD). The new pump station can pump between 39 to 44 MGD and can accommodate flows from this project.

As a condition of project approval by the City of Milpitas, the developer will design and construct all sanitary sewer connections in accordance with the City's Sewer Master Plan and City Engineering Standards and Guidelines. In addition, the developer will purchase adequate public system sewage capacity. Fees shall consist of treatment plant fees up to the levels established in the current Sewer Master Plan and, if necessary, proportional costs for additional sewage capacity purchased by the City of Milpitas, as determined by the City. The acquisition of additional plant capacity will not require the expansion of the existing wastewater treatment facility or construction of a new facility. The proposed project will not cause the wastewater treatment facility to exceed its existing capacity. **[Less than Significant Impact]**

4.11.2.4 *Storm Drainage Impacts*

Compared to existing conditions, the proposed project would increase permeable surfaces on the project site, which would reduce both the rate and amount of stormwater runoff from the site. Based on the City of Milpitas Stormwater Master Plan, the existing 42-inch stormwater main in Barber Lane serving the project site has capacity to carry anticipated project storm drainage flows. The developer shall design and construct all necessary storm drains and appurtenances to serve the project, in accordance with the City's Storm Drain Master Plan and City Engineering Standards and Guidelines. [**Less than Significant Impact]**

4.11.2.5 *Solid Waste Impacts*

The proposed project would dispose of approximately 626.5 tons of solid waste per year.[22] The existing automotive dealership on the project site disposed of approximately 276 tons of solid waste per year. Therefore, the proposed project would result in a net increase of 350.5 tons of solid waste disposed per year. The Newby Island landfill has capacity to handle the additional solid waste that would be disposed by the proposed project. The City of Milpitas administers a commercial and residential recycling program that complies with state-mandated waste reduction goals specified in the Public Resources Code Section 40500. The proposed project will recycle demolition/construction materials to the maximum extent practicable and will participate in the commercial and residential recycling program and the City's solid waste program, which will reduce

[22] Based on the following waste disposal rates: 0.42 tons per multi-family residence per year, 13 pounds per 1,000 square feet commercial space per day, and 10.8 tons per year per 1,000 square feet automobile dealership/repair facility. Source: California Integrated Waste Management Board, www.ciwmb.ca.gov/wastechar, April 18, 2007.

the total amount of garbage taken to the landfill. The developer will coordinate with the City and contractor hauler to ensure sufficient on-site space and access is allocated for commercial and residential recycling facilities in accordance with State law. [**Less than Significant Impact]**

4.11.3 Mitigation and Avoidance Measures for Utilities and Service Systems Impacts

MM UT-1.1: The proposed project would substantially increase water demand at the site compared to the existing commercial use and zoning designation. Prior to issuance of an occupancy permit, the developer shall implement the following measures, which would reduce impacts to the water system to a less than significant level. These measures shall be printed on all construction documents, contracts, and project plans:

- The developer shall design and install all water lines necessary to serve the development (including fire flow), sized in accordance with the City's Water Master Plan and Guidelines.
- The developer shall purchase adequate public system water capacities for the project, including costs for capacity and storage needs above the master plan capacities, as determined by the City.
- Prior to receiving recycled water, the site shall be permitted by South Bay Water Recycling (SBWR). In general, a permit will be granted after the following steps have been completed:
  - Plan Submittal and Approval
  - Inspection
  - Retailer Service Meter
  - Customer Training

MM UT-2.1: The project will reduce the City's available limited treatment capacity at the WPCP. Prior to issuance of an occupancy permit, the developer shall implement the following measures, which would reduce impacts to the sanitary sewer system to a less than significant level. These measures shall be printed on all construction documents, contracts, and project plans:

- The developer shall purchase adequate public sewage system capacities for the respective development. Fees shall consist of connection fees, treatment plant fees up to the build-out master plan levels, plus additional fees for costs of sewage collection and regional plant capacity needs above the build-out master plan capacities, and proportional replacement costs for a new Main sewage pump station above the existing 2001 Master Plan capacities, as determined by the City.

MM UT-3.1: The proposed project will recycle demolition/construction materials to the maximum extent practicable.

4.11.4 Conclusions Regarding Utilities and Service Systems Impacts

With the implementation of the mitigation measures described above, the proposed project would not result in significant utility and service system impacts. **[Less than Significant Impact with Mitigation]**

4.12 ENERGY

4.12.1 Regulatory Setting

This section was prepared pursuant to Appendix F of the CEQA Guidelines, which advises that EIRs should include a discussion of the energy implications of projects, with particular emphasis on avoiding or reducing inefficient, wasteful, and unnecessary consumption of energy. The information in this section is based largely on data and reports produced by the California Energy Commission and the Energy Information Administration of the U.S. Department of Energy. The specific sources and citations are listed in **Section 11, References**.

4.12.2 Introduction

Energy usage is typically quantified using the British Thermal Unit (Btu).[23] As points of reference, the approximate amount of energy contained in a gallon of gasoline, a cubic foot of natural gas, and a kilowatt hour (kWhr) of electricity are 123,000 Btu's, 1,000 Btu's, and 3,400 Btu's, respectively.

Energy conservation is embodied in many federal and state statutes and policies. At the federal level, energy standards apply to numerous products (e.g., the EnergyStar™ program) and transportation (e.g., fuel efficiency standards). At the state level, Title 24 of the California Administrative Code sets forth energy standards for buildings, rebates/tax credits are provided for installation of renewable energy systems, and the Flex Your Power program promotes conservation in multiple areas.

4.12.3 Existing Setting

Total energy usage in California was 8,519 trillion Btu's in the year 2000, which equates to an average of 252 million Btu's per capita. Of California's total energy usage in 2000, the breakdown by sector was 15% residential, 14% commercial, 35% industrial, and 36% transportation. This energy was primarily supplied in the form of coal (2.9 million tons), natural gas (2.3 trillion cubic feet), petroleum (647 million barrels), nuclear electric power (35.2 trillion kWhr), and hydroelectric power (42.8 trillion kWhr).

Given the nature of the proposed project (i.e., a land use decision in the City of Milpitas), the remainder of this discussion will focus on the three most relevant sources of energy: electricity for residential and office and commercial uses, natural gas for residential and commercial and office uses, and gasoline for vehicle trips associated with residential and commercial and office uses.

4.12.3.1 *Electricity*

In 2003, California used over 276,000 gigawatt hours of electricity.[24] This electricity was produced from power plants fueled by natural gas (37%), coal (21%), hydro (16%), nuclear (15%), and renewables (11%). Approximately 78% of the electricity was generated within California, with the balance imported from other states, Canada, and Mexico.

Electricity usage in California for differing land uses varies substantially by building use, building construction materials, and the efficiency of all electricity-consuming devices within a building. The

[23]The British Thermal Unit (Btu) is the amount of energy that is required to raise the temperature of one pound of water by one degree Fahrenheit.
[24]One gigawatt = one thousand megawatts = one million kilowatts = one billion watts.

average annual usage of electricity is approximately 6,500 kWhr/residence, 13 kWhr/square foot for commercial buildings and 18 kWhr/square foot for office buildings.

According to the California Energy Commission's 2003 Integrated Energy Policy Report, the current outlook is that California will have an adequate supply of electricity through 2009.

4.12.3.2 *Natural Gas*

In 2001, California used almost 2.4 trillion cubic feet of natural gas. The natural gas was used to produce electricity (41%), in industrial uses (28%), in commercial uses (10%), and in residential uses (21%). Approximately 16% of the natural gas was produced within California, with the balance imported from other states and Canada.

As is the case for electricity, natural gas usage in California for differing land uses varies substantially by the building uses, building construction materials, and the efficiency of all gas-consuming devices within a building. The average annual usage of natural gas is approximately 45,000 cubic feet/residence, 37 cubic feet/square foot for commercial buildings, and 29 cubic feet/square foot for office buildings.

According to the California Energy Commission's 2003 Integrated Energy Policy Report, the current outlook is that Northern California will have an adequate supply of natural gas through 2007.

4.12.3.3 *Gasoline for Motor Vehicles*

Californians currently consume roughly 49.5 million gallons of gasoline and diesel each day. This is a 53% increase over the amount that was used 20 years ago. The primary factors contributing to this increase are 1) population growth, 2) declining per-mile cost of gasoline, 3) land use patterns that have increased the distance between jobs and housing, and 4) a shift in consumer preferences to larger, less fuel efficient motor vehicles. Although the average fuel economy has steadily increased from about 12.6 miles-per-gallon (mpg) in the mid-1970s to the current 20.7 mpg, no further improvements in the overall average fuel economy are projected through the year 2020. This conclusion is based on the fact that projected increases in the number of fuel efficient cars (e.g., hybrids) will be offset by projected increases in the number of SUVs, pickups, and vans.

According to the California Energy Commission's 2003 Integrated Energy Policy Report, the demand for gasoline and diesel for on-road vehicles is projected to increase by 36% over the next 20 years. Imports of foreign crude oil will increase as in-state and Alaskan supplies diminish. Because California refineries are already operating close to their full capacity, daily imports of refined gasoline and diesel are expected to double over the next 20 years. Unless out-of-state facilities expand, the gasoline and diesel markets will become increasingly volatile, with the likelihood of shortages and more prolonged periods of high prices.

4.12.4 Energy Impacts

4.12.4.1 *Thresholds of Significance*

Pursuant to Appendix F of the CEQA Guidelines, an energy impact is considered significant if the project would result in:

- the wasteful use of fuel or energy; or

- a substantial increase in demand upon energy resources in relation to projected supplies; or
- longer overall distances between jobs and housing.

Operation of the proposed project is roughly estimated to consume 5.3 million kilowatt hours of electricity, 23.8 million cubic feet of natural gas, and 0.5 million gallons of gasoline per year.[25] Although projected energy supplies are limited, the energy consumption of the proposed project is a small percentage of the total energy consumed in the City of Milpitas.

The proposed project is a mixed-use, infill development that is proximate to public transit, employment and retail uses. These are all features that would reduce vehicle use to and from the project site and, therefore, reduce energy consumption. Mixed-Use development reduces the need travel off-site for retail services and may also provide on-site job opportunities for residents. Similarly, the location of retail uses within easy walking distance to the site reduces vehicle use by project residents, visitors, and employees. The proximity of public transit increases the use of public transit by the project residents, visitors, and employees, and the proximity of employment allows residents to walk to work.

The proposed project would create additional residential development, which would incrementally improve the jobs/housing balance in the City of Milpitas. Providing housing for more of the City's workers would reduce distances between jobs and housing, thereby, reducing energy consumption. This is a beneficial impact of the proposed project.

In addition, development of the proposed project will comply with existing state and federal regulations regarding the energy efficiency of buildings, appliances, lighting, etc. For this reason and those stated above, the project would not result in the wasteful use of fuel or energy, a substantial increase in demand upon energy resources in relation to projected supplies, or longer overall distances between jobs and housing. **[Less than Significant Impact]**

4.12.5 Conclusions Regarding Energy Impacts

The proposed infill mixed-use development project would not result in the wasteful use of energy or substantially increase energy demand in relation to projected supplies. The proposed project would reduce distances between jobs and housing. **[Less than Significant Impact]**

[25]Based upon the following average usage factors: Electricity - 6,500 kWhr per residential dwelling unit per year; 13 kWhr per ft^2 of commercial per year; 18 kWhr per ft^2 of office per year; Natural Gas - 45,000 ft^3 per residential dwelling unit per year; 37 ft^3 per ft^2 of commercial per year; 29 ft^3 per ft^2 of office per year; and Gasoline – 0.048 gallons per mile.

4.13 GLOBAL CLIMATE CHANGE

This section provides a very broad discussion about global climate change and focuses on the anthropogenic contributions. The discussion is based on research, information, and analysis completed by the International Panel on Climate Change (IPCC), United States Environmental Protection Agency, and United States Department of Energy.

4.13.1 Introduction

Global climate change is the alteration of the Earth's weather including its temperature, precipitation, and wind patterns. Global temperatures are affected by naturally occurring and anthropogenic-generated atmospheric gases, including carbon dioxide, methane, and nitrous oxide.[26] These gases allow sunlight into the Earth's atmosphere, but prevent radiative heat from escaping into outer space. This phenomenon is known as the greenhouse effect.

4.13.1.1 *Earth's Dynamic Climate*

Continual global climate change is evidenced by repeated episodes of warming and cooling documented in the geologic record. The rate of change has typically been incremental, with warming or cooling trends occurring over thousands of years. The past 10,000 years have been marked by a period of incremental warming, with ice glaciers steadily retreating across the globe. While global climate change occurs at an incremental rate, scientists have observed an unprecedented increase in the rate of warming in the past 150 years.

The recent warming of the Earth coincides with the global Industrial Revolution. During the Industrial Revolution, forests have been cleared and replaced with urban centers and agriculture and the use of fossil fuels (primarily burning of coal and petroleum/oil) and natural gas for energy has released substantial amounts of greenhouse gases into the atmosphere. The burning of fossil fuels and natural gas releases carbon dioxide. Carbon dioxide accounts for approximately 85 percent of total emissions, and methane and nitrous oxide account for approximately 14 percent. Primary human-related sources of methane gas and nitrous oxide in the United States include landfills, natural gas and petroleum systems, coal mining, wastewater treatment, animal agriculture, agriculture soil management, and combustion of fossil fuels.[27] Concentrations of carbon dioxide in the atmosphere have risen approximately 30 percent since the Industrial Revolution. Because greenhouse gases persist and mix in the atmosphere, emissions anywhere in the world impact the climate everywhere.

During the past 100 years, average global temperatures have risen by more than one degree Fahrenheit (F). According to the IPCC, 11 of the 12 past years (1995-2006) ranked among the warmest years since 1850.[28] Warming has not been uniform across the globe. Temperatures at the poles experience the greatest increase, with up to a nine degree increase observed in large areas of

[26] IPCC, 2007: Summary for Policymakers. In: Climate Change 2007: The Physical Science Basis. Contribution of Working Group I to the Fourth Assessment Report of the Intergovernmental Panel on Climate Change [Solomon, S., D. Qin, M. Manning, Z. Chen, M. Marquis, K.B. Averyt, M. Tignor and H.L. Miller (eds.)]. Cambridge University Press, Cambridge, United Kingdom and New York, NY, USA. Available at: http://www.ipcc.ch/.
[27] United States Environmental Protection Agency. Greenhouse Gas Emissions. 16 April 2007. Available at: http://epa.gov/climatechange/emissions/index.html. Accessed: 7 June 2007.
[28] IPCC, 2007: Summary for Policymakers. In: Climate Change 2007: The Physical Science Basis. Contribution of Working Group I to the Fourth Assessment Report of the Intergovernmental Panel on Climate Change [Solomon, S., D. Qin, M. Manning, Z. Chen, M. Marquis, K.B. Averyt, M. Tignor and H.L. Miller (eds.)]. Cambridge University Press, Cambridge, United Kingdom and New York, NY, USA. Available at: http://www.ipcc.ch/.

the Arctic over the 20th century.[29] In response to warming, plants are having a longer growing season and trees are flowering earlier; some animal and plant species ranges have been migrating toward higher latitudes and altitudes; plant and animal species adapted to cold temperatures are declining in population; and species adapted to warm temperatures are increasing in population.[30]

4.13.1.2 *Human Influence on Climate*

The world's leading climate scientists have reached consensus that global climate change is underway and is very likely caused by humans.[31] A recent report by the Intergovernmental Panel on Climate Change (IPCC), an international group of scientists and representatives of 113 governments, concludes "the widespread warming of the atmosphere and ocean, together with ice-mass loss, support the conclusion that it is extremely unlikely that global climate change of the past 50 years can be explained without external forcing, and very likely that it is not due to known natural causes alone."[32]

The IPCC predicts temperature increase of between two and 11.5 degrees F by the year 2100, with temperatures most likely increasing by between 3.2 and 7.1 degrees F. Sea levels are predicted to rise by seven to 23 inches by the end of the century, with an additional 3.9 to 7.8 inches possible depending upon the rate of polar ice sheets melting from increased warming. The IPCC report states that the increase in hurricane and tropical cyclone strength since 1970 can likely be attributed to human-generated greenhouse gases.

According to the 2006 California Climate Action Team Report, the following climate change effects are expected in California over the course of the next century (per the IPCC):

- A diminishing Sierra snowpack declining by 70 to 90 percent, threatening the state's water supply;
- Increasing temperatures from 8 to 10.4 degrees F under the higher emission scenarios, leading to a 25 to 35 percent increase in the number of days ozone pollution levels are exceeded in most urban areas;
- Coastal erosion along the length of California and sea water intrusion into the Sacramento River Delta from a four- to 33-inch rise in sea level, which would exacerbate flooding in already vulnerable regions;
- Increased vulnerability of forests due to pest infestation and increased temperatures;
- Increased challenges for the state's important agriculture industry from water shortages, increasing temperatures, and saltwater intrusion into the Delta; and
- Increased electricity demand, particularly in the hot summer months.[33]

[29] City of San José. Draft Environmental Impact Report, Coyote Valley Specific Plan. March 2007.
[30] United States Environmental Protection Agency. Basic Information. 4 May 2007. Available at: http://epa.gov/climatechange/basicinfo.html. Accessed 14 June 2007.
[31] IPCC, 2007: Summary for Policymakers. In: Climate Change 2007: The Physical Science Basis. Contribution of Working Group I to the Fourth Assessment Report of the Intergovernmental Panel on Climate Change [Solomon, S., D. Qin, M. Manning, Z. Chen, M. Marquis, K.B. Averyt, M. Tignor and H.L. Miller (eds.)]. Cambridge University Press, Cambridge, United Kingdom and New York, NY, USA. Available at: http://www.ipcc.ch/.
[32] IPCC, 2007: Summary for Policymakers. In: Climate Change 2007: The Physical Science Basis. Contribution of Working Group I to the Fourth Assessment Report of the Intergovernmental Panel on Climate Change [Solomon, S., D. Qin, M. Manning, Z. Chen, M. Marquis, K.B. Averyt, M. Tignor and H.L. Miller (eds.)]. Cambridge University Press, Cambridge, United Kingdom and New York, NY, USA. Available at: http://www.ipcc.ch/.
[33] State of California, California Climate Action Team. Climate Action Team Reports. 20 April 2007. Available at: http://www.climatechange.ca.gov/climate_action_team/reports/index.html. Accessed 7 June 2007.

4.13.2 *Regulatory Context for Global Climate Change*

Agencies at the international, national, state, and local levels are considering strategies to control emissions of gases that contribute to global warming; however, no agency has yet assumed jurisdiction to regulate greenhouse gases and there are no established standards for gauging the significance of greenhouse gas emissions. Neither CEQA nor the CEQA Guidelines provide any methodology for analysis of greenhouse gases.

In the fall of 2006, Governor Schwarzenegger signed AB 32, the global warming bill, into law. AB 32 requires the California Air Resource Board (CARB) to adopt regulations and mechanisms that will reduce the state's greenhouse gas emissions by 25 percent by the year 2020. The bill also requires CARB to adopt mandatory reporting rules for sources of substantial greenhouse gases by January 1, 2009, adopt a plan by January 1, 2009 that outlines how emission reductions will be achieved, and adopt regulations by January 1, 2011 to obtain the maximum technology feasible and cost-effective reductions in greenhouse gases.[34]

Recently, the U.S. Supreme Court overturned a lower court's decision for Massachusetts et al. v. Environmental Protection Agency et al. (April 2007). The U.S. Supreme Court found that the USEPA does have legal authority under the Clean Air Act to regulate greenhouse gas emissions, including carbon dioxide.

The California Attorney General, recognizing the significant role of vehicle greenhouse gas emissions, filed suit against the top six automobile companies seeking damages for their vehicles' emissions. The lawsuit, People v. General Motors Corp., claims that vehicle greenhouse gas emissions are a "public nuisance," which interferes with public health and safety. The suit claims that emissions from vehicles produced by these companies are a significant cause of climate change and are already contributing to major problems for the state's economy and natural resources, ranging from water shortages for the agricultural industry to a decline in the Sierra snowpack.

As of February 2007, there are several pending California cases brought under CEQA regarding the discussion of global climate change in EIRs in several jurisdictions. As examples, see Center for Biological Diversity v. City of Banning[35] and Natural Resources Defense Council v. The Reclamation Board of the Resources Agency.[36] There is currently no case law, however, that provides guidance on the methodology and criteria for what constitutes a project impact, individually or cumulatively, to global warming.

4.13.3 **Project's Contribution to Global Climate Change**

Given the global scope of global climate change, the challenge under CEQA is for a Lead Agency to translate the issue down to the level of a CEQA document for a specific project in a way that is meaningful to the decision making process. Under CEQA, the essential questions are whether a project creates or contributes to an environmental impact or is subject to impacts from the environment in which it would occur, and what mitigation measures are available to avoid or reduce impacts.

[34] Office of the Governor of the State of California. Press Release: Gov. Schwarzenegger Signs Landmark Legislation to Reduce Greenhouse Gas Emissions. 27 September 2006. Available at: http://gov.ca.gov/.
[35] RIC460967 (Riverside County Superior Court, filed 21 November 2006.
[36] 06CS-01228 (Sacramento County Superior Court, filed 2006).

Accordingly, projects can both contribute to global climate change and be exposed to impacts from global climate change, and mitigation measures can be identified to minimize project impacts to and from global climate change. The following discussion describes both conditions and gives a general description of potential impacts associated with the proposed project.

4.13.3.1 *Greenhouse Gas Emissions*

In California, the total carbon dioxide emissions from fossil fuel combustion in 2002 were 360 million tons, which is approximately seven percent of the United States' carbon dioxide emissions. Fossil fuel combustions accounts for most (98 percent) of California's total carbon dioxide emissions. Methane accounted for approximately six percent of climate change emissions and nitrous oxide emissions accounted for about seven percent of climate change emissions. Methane has a global warming potential 23 times that of carbon dioxide and nitrogen oxide is 296 times that of the same amount of carbon dioxide.[37] Other contributing gases to global climate change include hydrofluorocarbons, perfluorocarbons, sulfur hexafluoride, aerosols, and water vapor.[38] The primary sources of greenhouse gas emissions for the proposed project are anticipated to be combustion of fossil fuels from grid-delivered electricity and motor vehicles.

Electricity Use

As discussed in **Section 4.12 Energy**, the future project would result in a net increase in electricity use of approximately 5.3 million kWh/year. The generation of electricity through the combustion of fossil fuels typically yields carbon dioxide, as well as smaller amounts of nitrous oxide and methane.

Using data from the U.S. Department of Energy, Energy Information Administration Office of Integrated Analysis of Forecasting and the estimated electricity use for buildout of the project, it is estimated that the proposed development would emit approximately 1.4550 metric tons of carbon dioxide a year, 0.0160 metric tons of methane a year, and 0.0088 metric tons of nitrogen oxide a year.[39] Table 18 summarizes the emissions from the proposed project.

Vehicle Emissions

The proposed project is estimated to result in approximately 9,454 net average daily trips. Assuming the average vehicle trip length is approximately three miles, future users of the site are estimated to travel approximately 28,362 miles per day.

The carbon dioxide emission rate for a year 2030 vehicle mix is about 515 grams or 1.13 pounds per mile.[40] Based on the estimated miles traveled for the project and the carbon dioxide emission rate assumption, the daily project total carbon dioxide vehicle emissions would be approximately 14.55 metric tons per day (or 5,311 metric tons per year). As discussed in **Section 4 .4 Air Quality**, development of the project in the far-term would emit approximately 46.9 pounds of nitrogen oxide a

[37] United States Energy Information Administration. Comparison of Global Warming Potentials from the Second and Third Assessment Reports of the Intergovernmental Panel on Climate Change (IPCC). 12 August 2002. Available at: http://www.eia.doe.gov/oiaf/1605/gwp.html.
[38] California Environmental Protection Agency, Climate Action Team. Climate Action Team Report to Governor Schwarzenegger and the Legislature. March 2006. Pages 11-15.
[39] United States Department of Energy, Energy Information Administration Office of Integrated Analysis and Forecasting. Updated State-level Greenhouse Gas Emission Coefficients for Electricity Generation 1998-2000. April 2002. Available at: http://www.eia.doe.gov/pub/oiaf/1605/cdrom/pdf/e-supdoc.pdf.
[40] City of San José. Coyote Valley Specific Plan Draft Environmental Impact Report. March 2007.

day (or 0.021 metric tons per day, which equates to 7.76 metric tons per year). Table 19 summarizes the project buildout emissions.

Table 19
Summary of Project Buildout Greenhouse Gas Emissions

From Electricity Use			From Vehicles	
Carbon Dioxide (metric tons/year)	Methane (metric tons/year)	Nitrogen Oxide (metric tons/year)	Carbon Dioxide (metric tons/year)	Nitrogen Oxide (metric tons/year)
1,455	0.0160	0.0088	5,311	0.021*

*One US ton is equivalent to 1.102 metric tons.

Combined Project Electricity and Transportation Contribution

The combined greenhouse gas emissions project buildout is summarized in Table 20, below.

Table 20
Estimated Combined Electricity and Vehicle Greenhouse Gas Emissions

Carbon Dioxide (metric tons/year)	Methane (metric tons/year)	Nitrogen Oxide (metric tons/year)
6,766	0.0160	0.0298

In general, the impacts of greenhouse gases, including methane and nitrogen oxide, are based on the heat-absorbing ability of each gas relative to that of carbon dioxide.[41] The carbon dioxide equivalents of the methane and nitrogen oxide emissions for the proposed project are approximately 0.0687 and 2,723.70 metric tons per year, respectively. Table 21 summarizes the carbon dioxide equivalent emissions for the project buildout.

Table 21
Summary of Carbon Dioxide Equivalent Emissions

Carbon Dioxide (metric tons/year)	Methane (metric tons/year)	Nitrogen Oxide (metric tons/year)	**Total** (metric tons/year)
6,766	0.3675	8.82	**6,775**

Carbon Dioxide

California's total 2004 carbon dioxide emission of 356 million metric tons is approximately six percent of the US total 2004 carbon dioxide emissions of approximately 6.1 trillion metric tons.[42] In comparison to California's total 2004 carbon dioxide emissions, the proposed project would generate approximately 0.0000011 percent of California's total 2004 carbon dioxide emissions.

[41] United States Energy Information Administration. Comparison of Global Warming Potentials from the Second and Third Assessment Reports of the Intergovernmental Panel on Climate Change (IPCC). 12 August 2002. Available at: http://www.eia.doe.gov/oiaf/1605/gwp.html.

[42] Sources: 1) United States Environmental Protection Agency. The U.S. Inventory of Greenhouse Gas Emissions and Sinks: Fast Facts. April 2007. Available at: http://www.epa.gov/climatechange/emissions/downloads/2007GHGFastFacts.pdf. and 2) State of California. Table 6: Greenhouse Gas Emissions and Sinks Summary: 1990 to 2004. 22 March 2007. Available at: http://www.energy.ca.gov/2006publications/CEC-600-2006-013/figures/Table6.xls.

Methane

California's total 2004 carbon dioxide equivalent methane emission of 27.9 million metric tons is approximately five percent of the US total 2004 carbon dioxide equivalent methane emissions of approximately 540 million metric tons.[43] In comparison to California's total 2004 carbon dioxide equivalent methane emissions, the project would generate approximately 0.000000068 percent of California's total 2004 carbon dioxide equivalent methane emissions.

Nitrogen Oxide

California's total 2004 carbon dioxide equivalent nitrogen oxide emission of 33.3 million metric tons is approximately seven percent of the US total 2004 carbon dioxide equivalent nitrogen oxide emissions of approximately 445 million metric tons.[44] In comparison to California's total 2004 carbon dioxide equivalent nitrogen oxide emissions, the project would generate approximately 0.000026 percent of California's total carbon dioxide equivalent nitrogen oxide emissions.

As stated above, there is no standard or guideline by a federal, state, or regulatory agency to determine whether the project carbon dioxide, methane, or nitrogen oxide emissions would directly or cumulatively result in a significant global climate change impact.

Other Emissions Sources

Additional unknown quantities of greenhouse gases would be emitted as part of the proposed project from the manufacture and transport of building materials and the operation of construction equipment.

4.13.4 Impacts to the Proposed Project from Global Climate Change

Given the global climate change trends described in this section, CEQA requires that reasonably foreseeable impacts from global climate change be predicted at a meaningful scale. Given the climate change predictions for California, it is reasonably foreseeable that local temperatures could increase by as much as seven to 11.5 degrees over the course of this century with or without the proposed project. This increase in temperature could lead to other climate effects including, but not limited to, increased flooding due to increased precipitation and runoff and a decrease in the Sierra snowpack (a major water source).

4.13.5 Strategies to Reduce Greenhouse Gas Emissions

Given the global impact of climate change, the ultimate solution is a national policy addressing greenhouse gas emissions and global climate change, rather than piecemeal state-by-state or city-by-

[43] Sources: 1) United States Environmental Protection Agency. The U.S. Inventory of Greenhouse Gas Emissions and Sinks: Fast Facts. April 2007. Available at: http://www.epa.gov/climatechange/emissions/downloads/2007GHGFastFacts.pdf. and 2) State of California. Table 6: Greenhouse Gas Emissions and Sinks Summary: 1990 to 2004. 22 March 2007. Available at: http://www.energy.ca.gov/2006publications/CEC-600-2006-013/figures/Table6.xls.

[44] Sources: 1) United States Environmental Protection Agency. The U.S. Inventory of Greenhouse Gas Emissions and Sinks: Fast Facts. April 2007. Available at: http://www.epa.gov/climatechange/emissions/downloads/2007GHGFastFacts.pdf. and 2) State of California. Table 6: Greenhouse Gas Emissions and Sinks Summary: 1990 to 2004. 22 March 2007. Available at: http://www.energy.ca.gov/2006publications/CEC-600-2006-013/figures/Table6.xls.

city approaches. A meaningful national policy by the United States, as the world's largest economy and greenhouse gas producer, would likely lead other nations to do their part. The ruling in April 2007 by the Supreme Court on Massachusetts et al. v. Environmental Protection Agency et al. found that the EPA has legal authority to regulate greenhouse gases through the Clean Air Act. As discussed above, the EPA has yet to determine whether greenhouse gas emissions endanger public health or welfare; therefore, no greenhouse gas emission standards have been established.[45]

At the local scale of land use decision-making, this is a situation where Milpitas can "think globally, and act locally" and lead by example in adopting policies and programs to limit the production of greenhouse gases associated with the proposed development. Given that the project's generation of greenhouse gases primarily results from electricity and vehicle use, efforts to reduce the project's greenhouse gas emissions should focus on reducing vehicle trips and miles and reducing electricity demand.

The proposed project is a mixed-use, infill development that is proximate to public transit, employment and retail uses. These are all features that would reduce vehicle trips and/or miles. Mixed-Use development reduces the need to drive off-site for retail services and can also provide on-site jobs for residents. Similarly, the location of retail uses adjacent to the site further reduces the need to drive for retail services. The proximity of public transit increases the use of public transit by the project residents, visitors, and employees, and the proximity of employment provides an opportunity to walk to work. The housing proposed by the project would incrementally improve the jobs/housing balance in the City of Milpitas. Providing housing for more of the City's workers would reduce distances between jobs and housing, thereby, reducing vehicle miles traveled.

Development of the project will comply with existing state and federal regulations regarding the energy efficiency of buildings, appliances, lighting, etc., which would reduce the project's electricity demand. These are all aspects of the project that would reduce energy use and are why the project would not substantially contribute to global climate change. **[Less Than Significant Impact]**

4.13.6 Conclusion

The project is a mixed-use, infill development that is proximate to public transit, employment, and retail uses. The project will provide housing for more of the City's workers, which would reduce distances between jobs and housing. Future development will comply with existing state and federal regulations regarding the energy efficiency of buildings, appliances, lighting, etc. These are all aspects of the project that would reduce energy use and are why the project would not result in a significant contribution to global climate change. **[Less Than Significant Impact]**

[45] United States. Environmental Protection Agency. EPA Newsroom, As Prepared for Administrator Johnson, Conference Call Regarding the President's Executive Order on Energy Security and Climate Change, Washington, D.C. 14 May 2007. Available at: http://yosemite.epa.gov/opa/admpress.nsf/11b4f11f5ce2ab70852572a00065af97/d6d25db3ba4003dd852572db0065d87f!OpenDocument. 21 June 2007.

4.14 POPULATION, JOBS, AND HOUSING

4.14.1 Existing Setting

The jobs/housing ratio quantifies the relationship between the number of housing units required as a result of local jobs and the number of residential units available in the City. When the ratio reaches 1.0, a balance is struck between the supply of local housing and local jobs. The jobs/housing ratio is determined by dividing the number of local jobs by the number of employed residents that can be housed locally.

According to the Association of Bay Area Governments (ABAG) Projections 2005, the population for 2000 within the City of Milpitas's Sphere of Influence was 62,810 in 17,167 households. For 2020, the projected population is 82,400 in 22,740 households.

The City of Milpitas is a job-rich city, and one of the fastest growing employment centers in Santa Clara County. Although Milpitas had a deficiency of jobs per employed resident in 1980, the City achieved a ratio of 1.34 jobs per employed resident in the year 2000. Despite this increase in jobs, only 21% of the workers in Milpitas actually live in the City.[46]

The project site is the former location of the Billing's Chevrolet auto dealership. The site is currently designated *General Commercial* on the City of Milpitas General Plan Map and is zoned *Commercial,* which allows for a wide range of retail sales, and personal and business services accessed primarily by the automobile. The designation does not allow residential uses. The existing auto showroom building on the project site is currently vacant.

4.14.2 Population, Jobs, and Housing Impacts

4.14.2.1 *Thresholds of Significance*

For this project, a population, jobs, and housing impact is significant if the project would:

- Induce substantial population growth, either directly (e.g., by proposing new homes and businesses) or indirectly (e.g., through extension of roads or other infrastructure); or
- Displace substantial numbers of existing housing or people, necessitating the construction of replacement housing elsewhere; or
- Result in a substantial conflict with the City's policies regarding an overall jobs/housing balance.

The proposed project includes an amendment to the City of Milpitas General Plan that would change the existing non-residential land use designation (i.e., *General Commercial*) on the site to *Mixed-Use (with an HR overlay)*, which allows for both residential and commercial development. The proposed project is, therefore, inconsistent with the population assumptions in the existing General Plan.

The project proposes to construct up to 375 residential units, 100,465 net square feet of retail uses, and 36,530 net square feet of office uses on the approximately three-acre site. Based on an average of 2.7 residents per unit, 500 square feet per retail employee, and 375 square feet per office employee [47], the proposed project is expected to provide housing for approximately 1,000 residents (at a density of approximately 125 units per acre), 200 retail jobs, and 100 office jobs.

[46] City of Milpitas. General Plan. March 19, 2002.
[47] City of Milpitas. General Plan. March 19, 2002.

The additional 1,000 residents would increase the City's population by approximately one and one-half percent, which is approximately one twentieth of the 19,590 new residents predicted to live in the City of Milpitas by the year 2020. The incremental population increase that would result from the proposed project is not considered substantial.

Although the 375 residences proposed by the project would improve the jobs/housing balance in the City of Milpitas, this is offset by the approximately 300 jobs that would be created by the project. The proposed project would still, however, incrementally the jobs housing balance in the City of Milpitas.[48] Providing housing for more of the City's workers would help reduce traffic congestion, commute times, energy consumption, and regional air pollution levels. The population increase from the proposed project represents a less than significant impact.

Because the existing project site does not provide housing, the proposed project will not displace existing housing or people.

4.14.3 Conclusions Regarding Population, Jobs, and Housing Impacts

The proposed project would not conflict with the City's policies regarding an overall jobs/housing balance. **[Less Than Significant Impact]**

[48] Santa Clara County has an average of 1.23 employed residents per household. Therefore, the proposed project would provide housing for approximately 461 employees. This is housing for 161 more employees than the number of jobs that the project would create (i.e., 300).

SECTION 5 AVAILABILITY OF PUBLIC SERVICES

Unlike public facilities and utilities, public services are provided to the community as a whole, usually from a central location or from a defined set of nodes. The resource base for delivery of these services, including the physical service delivery mechanisms, is financed on a community-wide basis, usually from a unified or integrated financial system. The service delivery agency can be a city, county, service or other special district. Usually, new development creates an incremental increase in the demand for these services; the amount of demand will vary widely, depending on both the nature of the development (residential vs. commercial, for instance) and the type of services, as well as on the specific characteristics of the development (such as senior housing vs. family housing).

The impact of a particular project on public facility services is generally a fiscal impact. By increasing the demand for a type of service, a project could cause an eventual increase in the cost of providing the service (more personnel hours to patrol an area, additional fire equipment needed to service a tall building, etc.). This is a fiscal impact, not an environmental one. CEQA does not require an analysis of fiscal impacts.

CEQA analysis is required, however, if the increased demand is of sufficient size to trigger the need for a new or physically altered facility (such as a school or fire station), because the new or physically altered facility would have a physical impact on the environment. CEQA requires that an EIR then identify and evaluate the physical impacts on the environment from the new or physically altered facility. To reiterate, the impact that must be analyzed in an EIR is the impact that would result from constructing a new public facility (should one be required), not the fiscal impact of a development on the capacity of a public service system.

The public services discussion below focuses on fire, police, schools, libraries, and parks, using the following threshold of significance (CEQA Guidelines, Appendix G):

- Result in substantial adverse physical impacts associated with the provision of new or physically altered governmental facilities, the need for new or physically altered governmental facilities, the construction of which could cause significant environmental impacts, in order to maintain acceptable service ratios, response times or other performance objectives for any of the public services.

5.1 FIRE PROTECTION

Fire protection on the project site is provided by the City of Milpitas Fire Department, which has four fire stations and an administration facility. The Milpitas Fire Department (Department) is responsible for emergency medical services, rescue services, hazardous and toxic materials emergency response, coordination of City-wide disaster response efforts, enforcement of fire and life safety codes, enforcement of state hazardous materials regulations, and investigation of fire cause, arson and other emergency events for cause and origin. The City is involved in a Statewide Mutual Aid Agreement and Auto Aid & Mutual Aid with surrounding cities, including the Santa Clara County Mutual Aid Plan and Bay Area Intercounty Fire Mutual Aid Plan for Local Resources. The San José Fire Department and/or the Fremont Fire Department provide mutual aid to Milpitas in emergencies.

The nearest fire station to the project site is Station No. 4, located at 775 Barber Lane, approximately 0.2 miles to the northwest of the project site. Station No. 4 is typically staffed with three personnel. The station is equipped with a combined engine/ladder company and a Hazardous Materials response

team. Fire Station No. 1 is located at 25 West Curtis Ave., and the Department's headquarters is located next to this station at 777 South Main Street, approximately 1.5 miles from the project site. Fire Station No. 3 is located at 45 Midwick Drive, approximately 3.3 miles from the site.

The emergency response time goal of the Department is to deploy one engine to the scene of an emergency within four minutes. The response time from Station No. 4 to the project site would be under three minutes.[49] In 2005, Station No. 4 responded to 344 calls. Overall, the Department responded to 4023 calls in 2005, including: 61% "emergency medical service" calls, 15% "investigate/enforcement calls," 13% "fill-in/standby" calls, 4% "extinguish and control" calls, 2.4% "provide assistance" calls, and 0.5% "identify and confine hazardous materials". The Department's average response time to all calls is currently below the four minute response time goal.[50]

The existing use on the site creates a relatively low demand for fire services. The commercial, office, and residential uses proposed by the project would change the type of services requested and increase the amount of requests received during nighttime and weekend hours. Although the project would incrementally increase demand for fire protection as a result of increased density of development on the site, Fire Station No. 4 is less than a mile from the project site and its response time to the project site is within the Fire Department's goal of four minutes. The proposed project will be reviewed by the Fire Department to ensure it is built to current Fire Code standards, which include features to reduce fire hazards (e.g., sprinklers and smoke detectors). Access to the site for emergency vehicles will be provided from both project driveways, which will be built to Fire Department specifications.

In addition, the Fire Department may require one or more of the following be performed at the developer's expense to insure adequate communications between emergency responders inside buildings and the public safety dispatch facility: (1) pre-construction design review by a professional engineering firm specializing in radio frequency systems, (2) post-construction radio coverage testing by a technician employed by the City, and (3) installation of equipment to mitigate in-building radio coverage problems and its maintenance, and periodic re-testing. The Fire Department may also require the project to implement a Community Warning System and equipment access easements may be required to be granted to the City of Milpitas.

Although the proposed project would increase demand for fire services, it will not require the construction of new fire service facilities and, therefore, will not result in a significant physical impact on the environment. **[Less Than Significant Impact]**

5.2 POLICE PROTECTION

Police protection services are provided to the project site by the City of Milpitas Police Department (MPD). Services are provided from one central station, located at 1275 North Milpitas Boulevard. The Department employs 95 sworn officers and operates 26 marked patrol cars. The City is divided into six geographical beats and on most shifts and most days each beat is filled.

The average response time within the City is approximately four minutes and 40 seconds. Highest priority is assigned to emergency calls where life-threatening conditions exist. The target response time for emergency calls is three minutes.

[49] Firefighter Sanders, City of Milpitas Fire Department, personal communication, August 9, 2006
[50] Marilyn Gatchalian, City of Milpitas Fire Department, personal communication, August 10, 2006.

Although development of the proposed project would increase demand for police services, the construction of new police facilities would not be required to provide adequate police services. The proposed project would be constructed in conformance with current codes and reviewed by the Police Department to ensure appropriate safety features that minimize criminal activity are included in the site design. **[Less Than Significant Impact]**

5.3 SCHOOLS

The project site is located within the Milpitas Unified School District (District). The District serves 9,743 students in grades kindergarten through 12, with nine elementary schools, two junior high schools, two high schools, and one day school.[51]

The nearest elementary school to the project site is Anthony Spangler Elementary School, located at 140 North Abbott Avenue, approximately 0.8 miles north of the project site. The nearest middle school serving the project site is Thomas Russell Middle School, located at 1500 Escuela Parkway, approximately 3.5 miles north of the project site. The nearest high school is Milpitas High School, located at 1285 Escuela Parkway, approximately 1.8 miles northeast of the project site. Calaveras Hills Continuation High School, an alternative high school, is located 2.3 miles east of the site.

The project proposes to construct up to 375 residential units. Using the District's student generation rate of 0.134 students per multi-family dwelling unit, the proposed project could generate a total of approximately 50 students that would attend MUSD schools.[52] The capacity and current enrollment at the schools students from the project would attend is shown in Table 22.[53]

Table 22
Local School Capacity

School	Capacity	2006 Enrollment
Anthony Spangler Elementary School	716	548
Thomas Russell Middle School	807	786
Milpitas High School	3285	2,945

There are a number of methods that can be used to accommodate the increased numbers of students that do not require that new schools be built. These methods include measures such as: 1) the provision of portable or relocatable classrooms, 2) expansion of existing schools, 3) the opening of existing schools previously considered surplus, 4) adjustment of school attendance boundaries, 5) the busing of students to schools with surplus capacity, or 6) the conversion to year-round schools with a four-track schedule.

State law (Government Code Section 65996) specifies an acceptable method of offsetting a project's effect on the adequacy of school facilities as the payment of a school impact fee prior to issuance of a

[51] Milpitas Unified School District. Index of Schools. August 9, 2006 https://www.musd.org/MUSDPortal/portal/cn/PublicView/s

[52] Karl Black, Superintendent, Milpitas Unified School District. Email Communication. October 9, 2006.

[53] Capacity assumes that every seat in every classroom is full at all times. Allowance has been made for a dedicated science lab and computer lab at each elementary school and a dedicated computer lab at each middle school. This loading does not allow for additional designated classrooms for special uses, nor does it allow for assignment of classrooms to a teacher or subject such that the classroom would only be used for certain periods of the day. Thus some of the capacity which appears to be available, particularly at Milpitas High School is not true. Because MHS is so large, Academies have been established to maintain a high quality of educational experience.

building permit. California Government Code Sections 65995-65998, sets forth provisions for the payment of school impact fees by new development as the exclusive means of "considering and mitigating impacts on school facilities that occur or might occur as a result of any legislative or adjudicative act, or both, by any state or local agency involving, but not limited to, the planning, use, or development of real property." [§65996(a)]. The legislation goes on to say that the payment of school impact fees "are hereby deemed to provide full and complete school facilities mitigation" under CEQA. [§65996(b)]. The school district is responsible for implementing the specific methods for mitigating school impacts under the Government Code. The school impact fees and the school districts' methods of implementing measures specified by Government Code 65996 would offset project-related increases in student enrollment.

The proposed project would increase the number of students attending public schools in the Milpitas Unified School District. As discussed above, the public schools that students from the proposed project would attend are nearing capacity. The approximately 50 students generated by the project, however, would not require the construction of a new school. **[Less Than Significant Impact]**

5.3.1 Mitigation and Avoidance Measures for School Impacts

Although the proposed project would not result in a significant impact requiring construction of new school facilities, the proposed project includes the following measure:

MM SC-1: In accordance with state law (Government Code Section 65996), the developer shall provide payment of a school impact fee prior to issuance of a building permit. The school impact fees and the school districts' methods of implementing measures specified by Government Code 65996 would offset project-related increases in student enrollment.

5.4 LIBRARIES

The Santa Clara County Library System consists of eight libraries and one bookmobile. The Santa Clara County Libraries are governed by the Joint Powers Authority, which is comprised of one City Council member from each of the eight member City jurisdictions and two members from the Santa Clara County Board of Supervisors. Property taxes pay for more than half the cost of operating the Library System. In addition to the property tax, property within the district is also assessed for enhanced service through a County Service Area.

The project site is served by the Milpitas Library, located at 40 North Milpitas Boulevard. The Milpitas library provides programs and services for adults, teens, and children, an online public access catalog, CD-ROM and online data bases, Internet access, over 200,000 volumes, audio and video cassettes, DVDs and magazines.

The Milpitas Library has approximately 50,000 visitors per month and circulates approximately 116,000 items a month. The City completed a *Library Needs Assessment* in June 2002. The assessment compared the Milpitas Library with nine other libraries in the county and concluded that the Milpitas Library is deficient in areas such as square footage and collection size. To meet this deficiency, the City of Milpitas has plans to demolish the existing Milpitas Library and rebuild a new, larger library at the Milpitas Grammar School site, located at 160 North Main Street, in the Midtown redevelopment area.

Using the City's standard rate of 2.7 residents per household, development of the proposed mixed-use residential project would provide housing for approximately 1,000 City of Milpitas residents.[54] The population increase resulting from the proposed project would incrementally increase demand for library services. The proposed project, however, would not require the construction of a new library facility, in addition to the new library currently planned for by the City. **[Less Than Significant Impact]**

5.5 PARKS

The City of Milpitas owns more than 157 acres of park and recreation facilities.[55] In addition, Ed Levin County Park is within the City boundary and provides 1,539 acres of regional parkland.

The nearest park to the project site is Starlite Park, located at the intersection of Rudyard Drive and North Abbott Avenue, approximately 1.7 miles northeast of the project site. Starlite Park is a four-acre park with horseshoe pits, play equipment, three barbeque pits, and five tables.[56] The Milpitas Community Center is located approximately 2.4 miles northeast of the project site and provides many of the City's recreation classes and activities.

The General Plan sets standards for park and recreation facilities within the City. For new developments such as the proposed project, five acres of neighborhood/community parks are required per 1,000 residents. This requirement can be fulfilled through land dedication or through equivalent in-lieu fees. Up to 2.0 acres per 1,000 residents can be developed as usable on-site common or private open-space within new residential developments, and the remaining three acres must be developed as public parkland.[57]

Using the City's standard rate of 2.7 residents per household, development of the proposed mixed-use residential project would provide housing for approximately 1,000 residents and, therefore, would be required to provide approximately five acres of neighborhood/community parks. The proposed project includes three common open-space areas. An approximately 15,525-square foot central courtyard common open-space area is proposed on the fifth floor of the mixed-use building. Rooftop common open-space areas are proposed atop the mixed-use building and the parking garage, which would be approximately 27,540 sf and 29,124 sf in size, respectively. The three common open-space areas would provide a total of approximately 72,193 sf of open-space for use by the residents of the proposed project. In addition to these common open-space areas, each of the proposed units include a private balcony or patio. As discussed in **Section 4.3 Noise**, portions of the proposed rooftop common open-space areas and many of the balconies and patios do not meet the City's 65 dBA DNL noise standard and, therefore, are not considered usable open-space areas and do not count towards the project's parkland requirement.

In accordance with the General Plan, a maximum of two acres of the common and private open-space areas proposed by the project that meet the City's usable open-space standards would be counted towards the project's five-acre parkland requirement. The remainder of the parkland requirement would be fulfilled through land dedication or equivalent in-lieu fees. For this reason, the increased

[54] General Plan. March 19, 2002.
[55] City of Milpitas General Plan Open-Space Element, 2001. http://www.ci.milpitas.ca.gov/citydept/planning/general_plan/ch4.pdf.
[56] City of Milpitas, Recreation Services. August 9, 2006. http://www.ci.milpitas.ca.gov/citydept/planning/recreation/parkfacilityreservation.htm.
[57] [57] City of Milpitas. General Plan. March 19, 2002.

demand upon existing parks and increased need for new parks resulting from the proposed project would not result in a significant impact. **[Less Than Significant Impact]**

SECTION 6 ALTERNATIVES

6.1 INTRODUCTION

Section 15126.6 of the CEQA Guidelines provides extensive direction on identifying and evaluating alternatives to a proposed project, specifically:

(a) An EIR shall describe a range of reasonable alternatives to the project, or to the location of the project, which would feasibly attain most of the basic objectives of the project but would avoid or substantially lessen any of the significant effects…There is no ironclad rule governing the nature or scope of the alternatives other than the rule of reason.
(b) …the discussion of alternatives shall focus on alternatives…which are capable of avoiding or substantially lessening any significant effects…
(c) The range…shall include those [alternatives] that…could avoid or substantially lessen one or more significant effects.
(f) The range of alternatives required in an EIR is governed by a "rule of reason" that requires…only those alternatives necessary to permit a reasoned choice. The alternatives shall be limited to ones that would avoid or substantially lessen any of the significant effects of the project.

The CEQA Guidelines also advise that the alternatives should feasibly attain most of the project's basic objectives, but are to be considered even if they impede to "some degree", the attainment of project objectives, or could be more costly than the proposed project.

The discussion of alternatives should include enough information to allow a meaningful evaluation and comparison with the proposed project. The CEQA Guidelines state that if an alternative would cause one or more additional impacts, compared to the proposed project, the discussion should identify the additional impact, but in less detail than the significant effects of the proposed project.

The three critical factors to consider in selecting and evaluating alternatives are, therefore (1) the significant impacts from the proposed project that could be reduced or avoided by an alternative, (2) the project's objectives, and (3) the feasibility of the alternatives available. Each of these factors is discussed below.

6.1.1 Significant Unavoidable Impacts

As discussed previously in the respective sections of this EIR, the proposed project would result in the following significant unavoidable traffic, air quality, and noise impacts, and a significant unmitigated land use impact.

- Traffic from the proposed project degrades intersection operations from LOS E to LOS F at the intersection of Great Mall Pkwy/I-880 NB Ramps during the AM peak hour

- Traffic from the proposed project exacerbates LOS E operations during the PM peak hour at the intersection of Tasman Drive/I-880 SB Ramps.

- Traffic from the proposed project exacerbates LOS F operations at the intersection of Alder Drive/Tasman Drive during the PM peak hour.

- Traffic from the proposed project degrades intersection operations from LOS E- to LOS F during the AM park hour and exacerbates LOS F conditions during the PM peak hour at the intersection of Great Mall Parkway-Capitol Ave/Montague Expressway

- The project would expose sensitive receptors to objectionable odor from the San José/Santa Clara Water Pollution Control Plant (WPCP) and other odor sources in the area, including the Newby Island Landfill, Zanker Road Landfill, Newby Island Compost Facility, and salt evaporation ponds.

The project results in other significant traffic, noise and vibration, air quality, cultural resources, biological resources, hazardous materials, and hydrology and water quality; however, these impacts are reduced to a less than significant level with mitigation and avoidance measures that are included in the proposed project. Please refer to the respective sections in this EIR for a detailed discussion of the project's significant impacts.

6.1.2 Objectives

While CEQA does not require that alternatives must be capable of meeting project objectives, their ability to meet most of the objectives is considered relevant to their consideration.

The applicant's stated objectives for the proposed project are as follows:

1. Construct a well-designed, economically viable mixed-use development of high-density residential, office, and retail uses that incorporates smart growth elements by being located at an infill site that is close to employment (Cisco Systems, KLA Tencor, and Maxtor), retail (Milpitas Square), and mass transit facilities (VTA Light Rail Station).

2. Provide needed housing in the City of Milpitas to aid the City in providing for its regional fair share housing needs and attaining a jobs/housing balance.

3. Provide the City of Milpitas with needed housing that utilizes existing infrastructure and does not eliminate natural habitat or open-space areas within the City.

The City's stated objectives for the proposed project are as follows:

1. Plan for a well-designed mixed-use, transit-oriented project that includes strong, viable retail space, Class A office space and a very desirable residential living environment.

2. Limit significant environmental impacts to the highest degree possible.

3. Utilize "green" or sustainable building practices to the greatest extent possible to create a highly visible example of this important new environmentally sound practice.

4. Create a visually attractive, distinctive "Landmark" for the City of Milpitas.

5. Provide needed housing in the City of Milpitas to aid the City in providing for its regional fair share housing needs and attaining a jobs/housing balance.

6. Provide for a significant public benefit in the provision of affordable housing or equivalent in-lieu fee.

7. Provide the City of Milpitas with housing that utilizes existing infrastructure and does not eliminate natural habitat or open-space areas within the City.

6.1.3 Feasibility of Alternatives

CEQA, the CEQA Guidelines, and case law on the subject have found that feasibility can be based on a wide range of factors and influences. CEQA's general definition of feasibility is "capable of being accomplished in a successful manner within a reasonable period of time, taking into account economic, environmental, legal, social, and technological factors." Among the factors that may be taken into account in considering the feasibility of an alternative are "…site suitability, economic viability, availability of infrastructure, general plan consistency, other plans or regulatory limitations, jurisdictional boundaries…and whether the proponent can reasonably acquire, control, or otherwise have access to the alternative site…" [Section 15126.6 (f)(1)].

6.1.4 Selection of Alternatives

In addition to "No Project", the CEQA Guidelines advise that the range of alternatives discussed in an EIR should include those that "would avoid or substantially lessen any of the significant effects of the project." As discussed above, the significant unavoidable impacts that would result from the proposed project include traffic and air quality impacts.

CEQA encourages consideration of an alternative site when the significant effects of the project might be avoided or substantially lessened. Most of the significant impacts that would result from the project could not be avoided by proposing the project at another location. Due to the density of development proposed by the project, the project would likely result in significant unavoidable traffic impacts regardless of where it is located in the City of Milpitas. For these reasons, an alternative site is not evaluated any further in this EIR.

Because it is the density of development proposed by the project that triggers the significant traffic impacts, the logical way to reduce the impact is to reduce the number of residential units and/or square footage of retail and/or office use.

6.2 NO PROJECT ALTERNATIVE

The CEQA Guidelines require an EIR to include a "No Project" alternative, which addresses both "the existing conditions, as well as what will be reasonably expected to occur in the foreseeable future if the project is not approved, based on current plans and consistent with available infrastructure and community services." Under the No Project alternative, the project site would remain developed with a commercial building, which would have no new impacts. The No Project alternative would avoid all the environmental impacts of the proposed project.

The No Project alternative would not meet any of the project objectives. It will not construct a well-designed, economically viable mixed-use development of high-density residential, office, and retail uses that incorporates smart growth elements by being located at an infill site that is close to employment (Cisco Systems, KLA Tencor, and Maxtor), retail (Milpitas Square), and mass transit facilities (VTA Light Rail Station). It will not provide needed housing in the City of Milpitas to aid the City in providing for its regional fair share housing needs and attaining a jobs/housing balance. And, it will not provide the City of Milpitas with needed housing that utilizes existing infrastructure and does not eliminate habitat or open-space areas within the City.

6.2.1 Conclusion

The No Project alternative would not meet any of the project objectives, but it would avoid all of the impacts of the proposed project. For this reason, the No Project Alternative is an environmentally superior alternative to the proposed project.

6.3 REDUCED DENSITY ALTERNATIVE

The Reduced Density alternative limits the density of the project (i.e., number of residential units and/or square footage of retail and/or office uses developed on the project site) to an amount that would not trigger the significant unavoidable traffic impacts that result from development of the proposed project. Traffic from the proposed project exacerbates LOS F operations at the intersection of Alder Drive/Tasman Drive during the PM peak hour, LOS F operations during the AM peak hour at the intersection of Great Mall Parkway/I-880 NB Ramps, and LOS E operations during the PM peak hour at the intersection of Tasman Drive/I-880 SB Ramps. Project-generated traffic will degrade intersection operations from LOS E- to LOS F during the AM peak hour and exacerbate LOS F conditions during the PM peak hour at the intersection of Great Mall Parkway-Capitol Ave/Montague Expressway. Signal coordination between Alder Drive/Tasman Drive, Great Mall Parkway/I-880 NB Ramps, and Tasman Drive/I-880 SB Ramps will improve operations at these intersections, but will not reduce these impacts to a less than significant level. There are no feasible measures to reduce the project's impact at Great Mall Parkway-Capitol Ave/Montague Expressway to a less than significant level.

In order to mitigate all of the project's significant unavoidable traffic impacts, the total project needs to be reduced to approximately 50 dwelling units, with no retail or office development.

In order to mitigate all of the project's significant unavoidable traffic impacts, except for the project's impact at the intersection of Great Mall Parkway-Capitol Ave/Montague Expressway, the total project needs to be reduced to approximately 225 dwelling units, with no retail or office development.

Both of the Reduced Density alternative scenarios described above would have the same significant unavoidable air quality impact as the proposed project (i.e., expose sensitive receptors to objectionable odor from the San José/Santa Clara Water Pollution Control Plant (WPCP) and other odor sources in the area).

Similar to the proposed project, any substantial development on the site, including the Reduced Density alternative, would also result significant, noise and vibration, air quality, cultural resources, biological resources, hazardous materials, and hydrology and water quality impacts. These impacts are reduced to a less than significant level with the mitigation and avoidance measures that are included in the proposed project. The vibration impacts of the project would be avoided with the smaller building size of the Reduced Density alternative, which would not require pile driving.

6.3.1 Conclusion

The Reduced Density alternative would meet all of the project objectives, except for the applicant's and City's objective to provide a mixed-use development of high-density residential, office, and retail uses. Therefore, the Reduced Density alternative is not a feasible alternative that meets all of the project objectives.

The Reduced Density alternative would avoid the significant unavoidable traffic impacts resulting from the proposed project. For this reason, the Reduced Density alternative is the environmentally superior alternative to the proposed project.

SECTION 7 CUMULATIVE IMPACTS

7.1 INTRODUCTION

Cumulative impacts, as defined by CEQA, refer to two or more individual effects, which when combined, are considerable or which compound or increase other environmental impacts. Cumulative impacts may result from individually minor, but collectively significant projects taking place over a period of time. The CEQA Guidelines state (§15130) that an EIR should discuss cumulative impacts "when the project's incremental effect is cumulatively considerable." The discussion does not need to be in as great detail as is necessary for project impacts, but is to be "guided by the standards of practicality and reasonableness."

The purpose of the cumulative analysis is to allow decision-makers to better understand the potential impacts which might result from approval of past, present and reasonably foreseeable future projects, in conjunction with the proposed project addressed in this EIR. The CEQA Guidelines advise that a discussion of cumulative impacts should reflect both their severity and the likelihood of their occurrence. The effects of past projects are generally reflected in the existing conditions described in the specific sections of this EIR. Present projects are those approved but not yet developed. For instance, the traffic from recently-approved but not yet constructed and/or occupied projects is reflected in the Background Conditions scenario described in **Section 4.2 Transportation and Traffic**. To evaluate the cumulative impacts of past, present and reasonably foreseeable future projects, this cumulative analysis includes a list of probable future projects (see Table 23).

For each subject area, the discussions below address the following aspects of cumulative impacts:

- Would the effects of the proposed project, when combined with the effects of all of the past, existing, and pending development, result in a cumulatively significant impact on the resources in question?

- If a cumulative impact is likely to be significant, would the contribution of the proposed project to that impact be cumulatively considerable?

Table 23
Reasonably Foreseeable Projects

Name	Location	Type	Size	Status
Apton Plaza	230 N. Main St.	Mixed-Use	93 condominiums	Under Construction
Alexan	1556 S. Main St.	Residential	397 apartments	Approved
Aspen Family	1666 S. Main St.	Residential	101 apartments	Under Construction
Fairfield Murphy Ranch	Murphy Ranch Rd.	Residential	285 town homes and 374 apartments	Approved
Centria	Abel/Main/Great America Pkwy.	Residential	464 condominiums	Under Construction
Matteson	S. Main St./S. Abel St.	Residential	126 condominium units	Approved
Terra Serena	East and west sides of Abel St., north of Curtis Ave.	Residential	368 single family and townhouses, and 315 condominiums	Under Construction

Table 23
Reasonably Foreseeable Projects

Name	Location	Type	Size	Status
Paragon	1696 S. Main St., 75 Montague Expwy.	Residential	147 condominiums	Under Construction
Devries Place	West side of N. Main St.	Residential	103 affordable senior housing units	Under Construction
Town Center	E. Calaveras Blvd./N. Milpitas Blvd./Hillview	Residential	65 townhouses	Under Construction
Venture Corporation	1100 Cadillac Ct.	Industrial	10 industrial R&D condominium buildings	Under Construction
Landmark Tower (Proposed Project)	600 Barber Ln.	Mixed-Use	375 condominiums, 148,805 sf of retail uses and 48,960 sf of office uses	Pending
Mixed-Use Project	1880 N. Milpitas Blvd.	Mixed-Use	13,040 sf including retail, office and three one-bedroom units	Approved
Sinclair Renaissance	253 Sinclair Frontage Rd.	Residential	80 single-family residences	In Process
Parktown Shopping Center	1350 S. Park Victoria Dr.	Commercial	5,400 sf	In Process
The Campus at McCarthy Ranch	115-245 N. McCarthy Blvd.	Office	425,000 sf	In Process
31 South Milpitas Blvd.	Corner of Calaveras and Milpitas Blvd.	Residential	354 multi-family dwelling units	On Hold
Milpitas Square	Barber Ln. at Bellew Dr.	Mixed-Use	900 multi-family residences and 12,800 sf of retail uses	In Process
Peery-Arrillaga	McCarthy Boulevard at Alder Drive	Office	238,400 sf	In Process
Honda Dealership	Thompson St.	Commercial	47,000 sf	In Process

Based on the analysis in this EIR, the proposed project would not contribute to a cumulative land use, cultural resource, biological resource, geology and soils, hydrology and water quality, hazards and hazardous materials, visual and aesthetics, or population, jobs, and housing impact. This is because the project either has a less than significant impact (i.e., population, jobs, and housing and visual and aesthetics) or includes mitigation to reduce its impact to a less than significant level (i.e., cultural resource, biological resource, geology and soils, hydrology and water quality, and hazards and hazardous materials) and, therefore, would not make a cumulatively considerable contribution to a cumulative impact.

Development of the proposed project would contribute and, therefore, it is possible that in combination with past, present and reasonably foreseeable future projects that the project may have cumulatively significant impacts in the following areas:

- Transportation
- Air Quality
- Noise
- Utilities and Service Systems
- Public Services
- Energy
- Global Climate Change

7.2 CUMULATIVE TRAFFIC IMPACTS

The cumulative traffic analysis evaluated projected roadway link volumes for two Year 2030 scenarios, Year 2030 General Plan and Year 2030 General Plan Plus Project. This long-term analysis evaluated roadway link volumes because estimating intersection turning movement volumes in 2030 is considered speculative.

In addition to the Year 2030 cumulative traffic analysis described above, the traffic impacts of two near-term scenarios were evaluated, the Interim Peak Hour Scenario and Interim Midday Scenario. The Interim Peak Hour Scenario includes traffic from the proposed project plus three other pending developments in the project area and evaluates its impacts upon the same 37 study intersections evaluated under project conditions. The Interim Midday Scenario includes traffic from the proposed project plus the pending Milpitas Square development that is located immediately north of the Landmark Tower site and evaluates its impacts upon the same three nearby intersections that were evaluated under the project midday analysis. These two near-term scenarios are discussed after the Year 2030 cumulative analysis, below.

7.2.1 Year 2030 Cumulative Analysis

The Year 2030 cumulative analysis evaluated projected roadway link volumes for two Year 2030 scenarios, Year 2030 General Plan and Year 2030 General Plan Plus Project. This long-term analysis evaluated roadway link volumes because estimating intersection turning movement volumes in 2030 is considered speculative.

Year 2030 AM and PM peak-hour roadway segment traffic volumes were obtained from the Valley Transportation Authority's (VTA) regional travel demand model. The VTA is the Congestion Management Agency for Santa Clara County. This regional model is used by the VTA to produce traffic projections for use in transportation and air quality planning and includes buildout of the City of Milpitas according to its General Plan. The Year 2030 General Plan volumes assume that the site remains developed with auto retail uses.

The net increase in new trips generated by the proposed project, compared to the existing site use was added to the Year 2030 General Plan volumes to establish Year 2030 Plus Project volumes. The roadway segment levels of service under these two scenarios were then compared to determine if the traffic generated by the proposed project would result in a significant cumulative traffic impact.

Under Year 2030 Cumulative Conditions, the proposed project will have a significant impact on a roadway segment if:

- The addition of traffic from the proposed project degrades operations under 2030 General Plan Buildout Conditions from an acceptable level to an unacceptable level.

- The proposed project adds trips that are more than one percent of the segment's capacity when the segment is operating at unacceptable levels under General Plan Buildout Conditions.

Acceptable operations are defined as LOS D or better for City roadway segments (e.g., McCarthy Boulevard, Milpitas Boulevard, Tasman Drive, Great Mall Parkway, and Abel Street) and LOS E or better for CMP roadway segments (e.g., I-880, SR 237, Calaveras Boulevard, Montague Expressway). Unacceptable operations are defined as LOS E or F for City roadway segments and LOS F for CMP roadway segments.

Impact CMTR-1: Based on the criteria above, the proposed project would impact four segments of Calaveras Boulevard and two segments of McCarthy Boulevard during the AM peak hour. During the PM peak hour, four segments of Calaveras Boulevard, one segment of Montague Expressway, six segments of McCarthy Boulevard, two segments of Tasman Drive, and one segment on Abel Drive will be impacted.

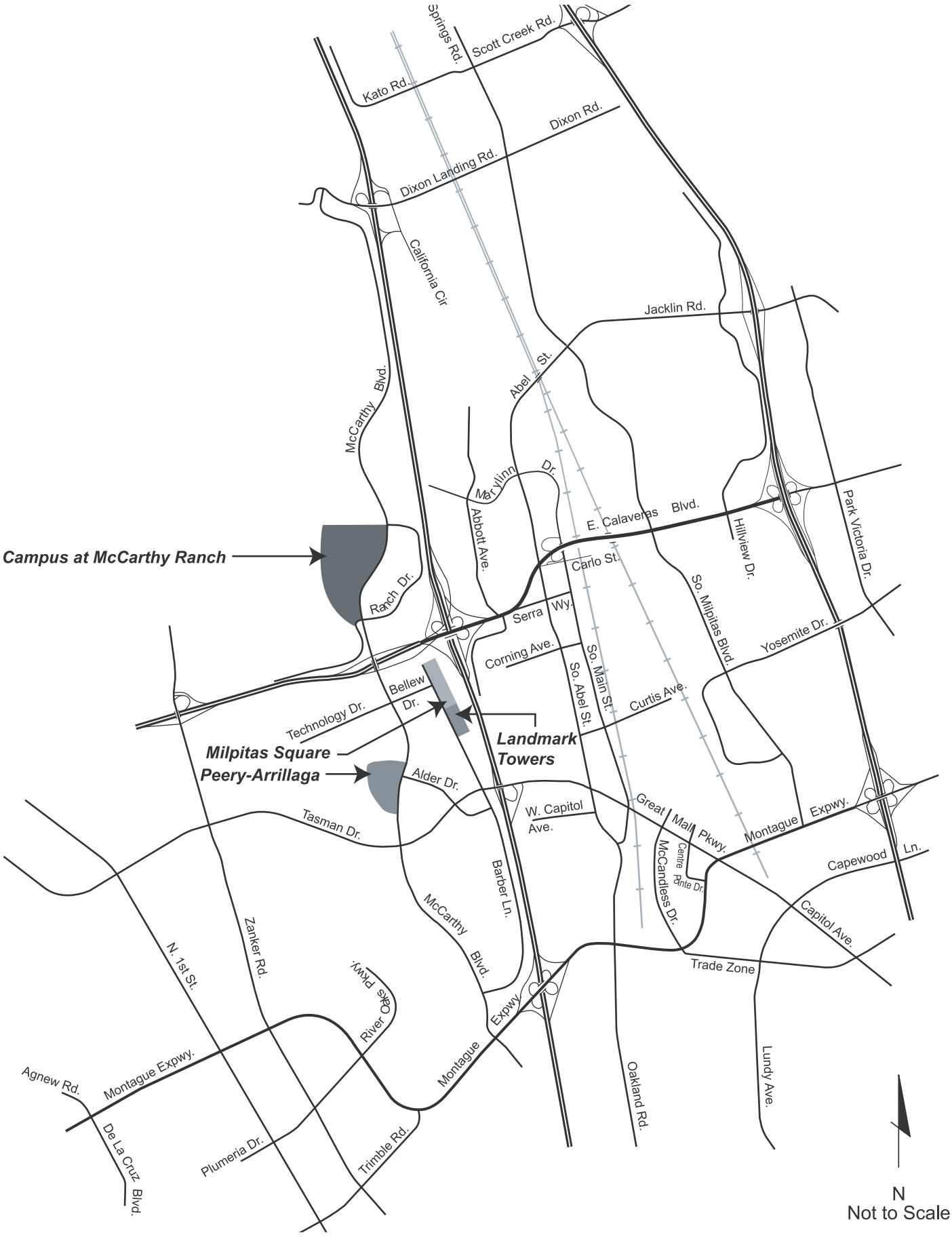
7.2.2 Interim Peak Hour Scenario

The Interim Peak Hour Scenario includes traffic from the proposed Landmark Tower project plus three other pending developments in the project area. Figure 24 shows the location of the three other pending projects. A brief description of each pending project is provided below.

The Campus at McCarthy Ranch – This project site is located on west side of McCarthy Boulevard, between the south and north legs of Ranch Drive. The project proposes to increase the site's approved FAR from 0.35 to 0.50, resulting in a total of 1,416,000 sf of total office space. The existing site is developed with 416,000 sf of vacant office space and is approved for up to 991,000 sf. The net increase in square footage (i.e., 425,000 sf) was included in the Interim Peak Hour Scenario.

Milpitas Square – This project site is located immediately north of the Landmark Tower site and is developed with the existing Ranch 99 shopping center. The project proposes to redevelop the site with a mixed-use development that includes housing, retail, and commercial. The existing Ranch 99 market will remain. The remainder of the site would be redeveloped with 12,800 sf of commercial space and 900 residences. The project includes the addition of a northbound left turn lane and a westbound through lane to the Bellew Drive/Barber Lane intersection. These proposed improvements are included in the Interim level of service calculation at this location.

Peery-Arrillaga – This project is located west of McCarthy Boulevard at Alder Drive. The project proposes to construct 238,400 sf of new office space on a vacant parcel.



INTERIM SCENARIO PENDING PROJECT LOCATIONS FIGURE 24

7.2.2.1 *Interim Peak Hour Scenario LOS Analysis*

Similar to the project scenario (refer to **Section 4.2 Transportation and Traffic**), the LOS analysis for the Interim Peak Hour Scenario evaluated included estimating the trip generation for the three pending projects, assigning these trips to the roadway system, and then adding the trips from the Landmark Tower project. These total trip volumes represent the Interim Peak Hour Scenario. The Interim Peak Hour Scenario LOS calculations were then completed for the study intersections. The results of the AM and PM LOS analysis are shown in Table 24. The trip generation estimates, trip assignments, and corresponding calculation sheets are included in Appendix A to this EIR.

Table 24
Interim Peak Hour Scenario Levels of Service

Intersection	Peak Hour	Background		Interim Peak Hour Scenario			
		Delay[1]	LOS[2]	Delay[1]	LOS[2]	Δ in Crit. V/C[3]	Δ in Crit. Delay[4]
1. McCarthy Blvd/SR 237 WB Ramps [M]	AM	17.9	B	25.4	C	0.141	25.2
	PM	24.9	C	40.3	D	0.115	24.2
2. McCarthy Blvd/SR 237 EB Ramps [M]	AM	15.9	B	19.7	B-	0.214	7.3
	PM	16.6	B	28.5	C	0.221	20.6
3. SR 237/I-880 SB Ramps [M]	AM	11.2	B+	12.7	B	0.079	2.3
	PM	9.5	A	13.2	B	0.101	5.8
4. **Calaveras Blvd (SR237)/I-880** NB Ramps [M]	AM	22.6	C+	24.7	C	0.034	0.9
	PM	89.3	F	**100.5**	**F**	**0.043**	**18.6**
5. **Calaveras Blvd/Abel Street** [CMP/M]	**AM**	89.2	F	**99.9**	**F**	**0.040**	**17.3**
	PM	53.0	D-	57.0	E+	0.038	5.4
6. **Calaveras Blvd/Milpitas Blvd** [CMP/M]	**AM**	127.0	F	**142.0**	**F**	**0.052**	**22.2**
	PM	45.7	D	48.0	D	0.040	4.4
7. **McCarthy Blvd/Bellew Dr** [M]	AM	24.0	C	31.8	C	0.078	13.4
	PM	51.1	D-	**126.7**	**F**	**0.259**	**97.8**
8. **Bellew Dr/Barber Ln** [M]	AM	10.9	B+	16.1	B	0.717	44.9
	PM	18.5	B-	**72.4**	**E**	**0.320**	**41.7**
9. **McCarthy Blvd/Alder Dr** [M]	AM	17.2	B	23.1	C	0.157	8.5
	PM	61.5	E	**> 150**	**F**	**0.254**	**137.1**
10. **McCarthy Blvd/Tasman Dr** [M]	**AM**	108.0	F	**118.0**	**F**	**0.033**	**15.1**
	PM	43.1	D	44.5	D	0.034	2.1
11. **Tasman Dr/Alder Dr** [M]	AM	21.4	C+	24.7	C	0.018	1.3
	PM	137.0	F	**> 150**	**F**	**0.328**	**129.7**
12. Barber Ln/Alder Dr [M]	AM	14.0	B	17.4	B	0.195	1.0
	PM	13.7	B	18.6	B-	0.317	8.4
13. **Tasman Dr/I-880 SB Ramps** [M]	AM	23.0	C+	26.0	C	0.076	3.8
	PM	61.7	E	**87.8**	**F**	**0.179**	**74.8**
14. **Great Mall Parkway/I-880 NB Ramps** [M]	**AM**	61.0	E	**111.6**	**F**	**0.069**	**66.0**
	PM	58.7	E+	**66.8**	**E**	**0.023**	**13.5**

Table 24
Interim Peak Hour Scenario Levels of Service

Intersection	Peak Hour	Background		Interim Peak Hour Scenario			
		Delay[1]	LOS[2]	Delay[1]	LOS[2]	Δ in Crit. V/C[3]	Δ in Crit. Delay[4]
15. McCarthy Blvd/Barber Ln [M]	AM	17.3	B	21.0	C+	0.117	6.9
	PM	24.0	C	30.9	C	0.099	11.2
16. **McCarthy Blvd-O'Toole/ Montague Expy** [CMP/SJ/M]	**AM**	53.4	D-	**63.7**	**E**	**0.044**	**15.6**
	PM	116.3	F	**124.9**	**F**	**0.027**	**12.3**
17. **Montague Expy/Great Mall Parkway-Capitol Ave** [CMP/M]	**AM**	79.8	E-	**89.4**	**F**	**0.047**	**18.5**
	PM	96.6	F	**104.1**	**F**	**0.033**	**15.6**
18. Montague Expy/Trimble Rd [CMP/SJ]	AM	26.2	C	26.3	C	0.010	0.1
	PM	38.9	D+	36.3	D+	0.022	-2.5
19. Montague Expy/River Oaks Parkway-E. Plumeria Rd [SJ]	AM	44.0	D	42.3	D	0.013	-0.2
	PM	43.7	D	44.5	D	0.032	1.7
20. Montague Expy/Zanker Rd [CMP/SJ]	AM	50.8	D	50.9	D	0.011	0.3
	PM	71.8	E	72.8	E	0.009	1.9
21. **Montague Expy/N. 1st St.** [CMP/SJ]	**AM**	146.0	F	**148.5**	**F**	**0.012**	**4.6**
	PM	> 150	F	**> 150**	**F**	**0.012**	**5.0**
22. Montague Expy/De la Cruz Blvd – Agnew Rd [CMP/SC]	AM	40.3	D	40.3	D	0.007	0.1
	PM	47.6	D	48.1	D	0.008	1.3
23. Capitol Ave/Cropley Dr-Trade Zone Blvd [SJ]	AM	36.4	D+	39.8	D	0.062	4.0
	PM	62.1	E	66.5	E	0.019	3.9
24. Great Mall Parkway/Main Street [M]	AM	31.8	C	31.2	C	0.025	-0.7
	PM	39.6	D	39.1	D	0.025	-0.4
25. Great Mall Parkway/Abel St [M]	AM	41.2	D	43.0	D	0.039	2.6
	PM	44.8	D	45.3	D	0.029	0.7
26. Tasman Dr./Zanker Rd [SJ]	AM	39.5	D	39.7	D	0.009	0.6
	PM	39.1	D	39.3	D	0.013	0.5
27. Tasman Dr./N. 1st St. [SJ]	AM	39.9	D	40.5	D	0.009	0.9
	PM	49.0	D	50.2	D	0.010	2.3
101. Dixon Landing Rd/McCarthy Blvd [F]	AM	10.0	B+	11.4	B+	0.067	1.6
	PM	9.4	A	9.9	A	0.070	-4.1
102. Dixon Landing Rd/I-880 SB Ramps [M]	AM	9.9	A	12.1	B	0.021	5.2
	PM	7.8	A	12.9	B	0.123	4.8
103. Dixon Landing Rd/I-880 NB Ramps – California Circle [M]	AM	16.9	B	16.9	B	0.015	0.1
	PM	21.5	C+	21.4	C+	0.021	-5.8
104. California Circle/I-880 NB Ramps [M]	AM	12.6	B	12.6	B	0.000	0.0
	PM	15.3	B	17.6	B	0.073	3.4
105. **Dixon Landing Rd/N. Milpitas Blvd** [M]	**AM**	67.0	E	**76.4**	**E-**	**0.059**	**15.4**
	PM	62.2	E	**70.0**	**E**	**0.063**	**15.9**
106. Scott Creek Rd./Warm Springs Blvd. [F]	AM	28.1	C	29.1	C	0.001	7.4
	PM	36.3	D+	36.3	D+	0.030	0.7

Table 24
Interim Peak Hour Scenario Levels of Service

Intersection	Peak Hour	Background		Interim Peak Hour Scenario			
		Delay[1]	LOS[2]	Delay[1]	LOS[2]	Δ in Crit. V/C[3]	Δ in Crit. Delay[4]
107. Scott Creek Rd./I-680 SB Ramps [Unsignalized] [F]	AM	19.8	C	19.8	C		
	PM	13.6	B	13.6	B		
108. Scott Creek Rd./I-680 NB Ramps [Unsignalized] [F]	AM	8.2	A	8.2	A		
	PM	9.5	A	10.0	B		
109. McCarthy Blvd/Ranch Dr North [M]	AM	11.6	B+	14.4	B	0.011	0.1
	PM	14.0	B	20.8	C+	0.089	4.1
110. McCarthy Blvd/Ranch Dr South [M]	AM	14.6	B	50.0	D	0.128	65.1
	PM	20.9	C+	42.5	D	-0.092	45.8

Notes:
[1]Whole intersection weighted average control delay expressed in seconds per vehicle calculated using methods described in the 2000 HCM, with adjusted saturation flow rates to reflect Santa Clara County Conditions for signalized intersections. Total control delay for the worst movement is presented for side-street stop-controlled intersections.
[2]LOS = Level of service. LOS calculations conducted using the TRAFFIX level of service analysis software package.
[3]Change in the critical volume-to-capacity ratio (V/C) between Background and Project Conditions.
[4]Change in critical movement delay between Background and Project Conditions.
(CMA) Congestion Management Agency intersection, (F) City of Fremont intersection, (M) City of Milpitas intersection, (SC) City of Santa Clara intersection, (SJ) City of San Jose intersection
Bold text denotes intersections with significant impacts.

7.2.2.2 *Interim Peak Hour Scenario Impacts*

The level of service calculations for the Interim Peak Hour Scenario were compared to Background Conditions. The thresholds of significance used to identify project impacts (refer to **Section 4.2 Transportation and Traffic**) were also used to identify Interim Peak Hour Scenario impacts. The proposed project in combination with the three other pending projects in the project area would impact the following 14 intersections during the AM and/or PM peak hours:

City of Milpitas Intersections

Impact CMTR-2: *SR 237/I-880 NB Ramps* – Under the Interim Peak Hour Scenario, LOS F operations would be exacerbated during the PM peak hour.

Impact CMTR-3: *McCarthy Boulevard/Bellew Drive* – Under the Interim Peak Hour Scenario, LOS D- operations would degrade to F during the PM peak hour.

Impact CMTR-4: *Bellew Drive/Barber Lane* – Under the Interim Peak Hour Scenario, LOS B- operations would degrade to LOS E during the PM peak hour.

Impact CMTR-5: *McCarthy Boulevard/Alder Drive* – Under the Interim Peak Hour Scenario, LOS F operations would be exacerbated during the PM peak hour.

Impact CMTR-6: *McCarthy Boulevard/Tasman Drive* – Under the Interim Peak Hour Scenario, LOS F operations would be exacerbated during the AM peak hour.

Impact CMTR-7: *Alder Drive/Tasman Drive* – Under the Interim Peak Hour Scenario, LOS F operations would be exacerbated during the PM peak hour.

Impact CMTR-8: *Tasman Drive/I-880 SB Ramps* – Under the Interim Peak Hour Scenario, LOS E operations would be exacerbated during the PM peak hour.

Impact CMTR-9: *Great Mall Parkway/I-880 NB Ramps* – Under the Interim Peak Hour Scenario, LOS E operations would be exacerbated during both the AM and PM peak hours.

CMP Intersections

Impact CMTR-10: *Calaveras Boulevard/Abel Street* – Under the Interim Peak Hour Scenario, LOS F operations would be exacerbated during the AM peak hour.

Impact CMTR-11: *E. Calaveras Boulevard/S. Milpitas Boulevard* – Under the Interim Peak Hour Scenario, LOS F operations would be exacerbated during the AM peak hour.

Impact CMTR-12: *McCarthy Boulevard-O'Toole Avenue/Montague Expressway* – Under the Interim Peak Hour Scenario, LOS D- operations would degrade to LOS E during the AM peak hour and LOF F operations would be exacerbated during the PM peak hour.

Impact CMTR-13: *Great Mall Parkway-Capitol Ave/Montague Expressway* – Under the Interim Peak Hour Scenario, LOS F operations would be exacerbated during both the AM and PM peak hours.

Impact CMTR-14: *First Street/Montague Expressway* – Under the Interim Peak Hour Scenario, LOS F operations would be exacerbated during the both the AM and PM peak hours.

San Jose Intersections

Impact CMTR-15: *McCarthy Boulevard-O'Toole Avenue/Montague Expressway* – Under the Interim Peak Hour Scenario, LOS D- operations would degrade to LOS E during the AM peak hour and LOF F operations would be exacerbated during the PM peak hour.

Impact CMTR-16: *First Street/Montague Expressway* – Under the Interim Peak Hour Scenario, LOS F operations would be exacerbated during the both the AM and PM peak hours.

Fremont Intersections

Impact CMTR-17: *Dixon Landing Road/N. Milpitas Boulevard* – Under the Interim Peak Hour Scenario, LOS F operations would be exacerbated during the both the AM and PM peak hours.

7.2.3 Interim Midday Scenario LOS Analysis

The Interim Midday Scenario includes traffic from the proposed project plus the pending Milpitas Square development that is located immediately north of the Landmark Tower site. The intersections evaluated under the Interim Midday Scenario are the same three nearby intersections that were evaluated under the project midday analysis. The results of the midday LOS analysis are shown in Table 25.

Table 25
Interim Midday Scenario Levels of Service

Intersection	Peak Hour	Existing		Project			
		Delay[1]	LOS[2]	Delay[1]	LOS[2]	Δ in Crit. V/C[3]	Δ in Crit. Delay[4]
7. **McCarthy Blvd/Bellew Dr** [M]	**Mid**	24.8	C	**99.5**	**F**	**0.432**	**86.9**
8. **Bellew Dr/Barber Ln** [M]	**Mid**	43.5	D	**60.3**	**E[5]**	**0.134**	**39.2**
12. Barber Ln/Alder Dr [M]	Mid	15.9	B	24.8	C	0.357	11.1

Notes:
[1]Whole intersection weighted average control delay expressed in seconds per vehicle calculated using methods described in the 2000 HCM, with adjusted saturation flow rates to reflect Santa Clara County Conditions for signalized intersections. Total control delay for the worst movement is presented for side-street stop-controlled intersections.
[2]LOS = Level of service. LOS calculations conducted using the TRAFFIX level of service analysis software package.
[3]Change in the critical volume-to-capacity ratio (V/C) between Existing and Project Conditions.
[4]Change in critical movement delay between Existing and Project Conditions.
[5]Includes proposed improvements (additional lanes on westbound and northbound approaches).
(CMP) Congestion Management Program intersection, (F) City of Fremont intersection, (M) City of Milpitas intersection, (SC) City of Santa Clara intersection, (SJ) City of San Jose intersection
Bold text denotes intersections with significant impacts.

7.2.3.1 Interim Midday Scenario Impacts

The levels of service calculations for the Interim Midday Scenario were compared to Background Conditions. The thresholds of significance used to identify project impacts (refer to **Section 4.2 Transportation and Traffic**) were also used to identify Interim Midday Scenario impacts. The proposed project in combination with the adjacent pending Milpitas Square project would impact the following two intersections during the midday peak hour:

Impact CMTR-18: *McCarthy Blvd/Bellew Dr* – Under the Interim Midday Scenario, LOS C operations would degrade to LOS F during the midday peak hour.

Impact CMTR-19: *Bellew Dr/Barber Ln* – Under the Interim Midday Scenario, LOS D operations would degrade to LOS E during the midday peak hour.

7.2.4 Mitigation for Year 2030 Cumulative Traffic Impacts

MM CMTR-1: Under Year 2030 Cumulative Conditions, the proposed project would impact Calaveras Boulevard, McCarthy Boulevard, Montague Expressway, Tasman Drive, and Abel Drive during the AM and/or PM peak hour. As described in **Section 4.2 Transportation and Traffic**, the developer shall contribute its fair share towards the following traffic fees:

- Montague Expressway traffic fee

- Milpitas Business Park traffic fee
- Calaveras Boulevard traffic fee

Fair share contribution to the above traffic fees will help improve overall traffic circulation in the project area; however, it will not fund specific improvements necessary to mitigate the project's cumulative traffic impact to a less than significant level.

7.2.5 Mitigation for Interim Peak Hour Scenario Traffic Impacts

Milpitas Intersections

MM CMTR-2: *SR 237/I-880 NB Ramps* – The mitigation measure identified for the project impact to this intersection (i.e., conversion of the northbound center left turn lane to a shared left- and right turn lane) would also reduce this Interim Peak Hour Scenario impact to a less than significant level.

MM CMTR-3: *McCarthy Boulevard/Bellew Drive* – The mitigation measure identified for the project impact to this intersection (i.e., restriping of the eastbound approach to provide two left turn lanes and one shared through/right turn lane) plus increasing the cycle length to 80 seconds would reduce this Interim Peak Hour Scenario impact to a less than significant level.

MM CMTR-4: *Bellew Drive/Barber Lane* – The improvements proposed by the pending Milpitas Square project (i.e., addition of northbound left turn lane and westbound through lane) would reduce this impact to a less than significant level.

MM CMTR-5: *McCarthy Boulevard/Alder Drive* –The addition of a second southbound left turn lane (from McCarthy Boulevard to Alder Drive) would reduce this impact to a less than significant level, but this mitigation is infeasible due to right-of-way constraints.

MM CMTR-6: *McCarthy Boulevard/Tasman Drive* – Restriping the second southbound through lane (McCarthy Boulevard) into a dedicated right turn lane with an overlap traffic signal phase would reduce this impact to a less than significant level.

MM CMTR-7: *Alder Drive/Tasman Drive* – There are no feasible mitigation measures that would reduce this impact to a less than significant level or otherwise improve operation of this intersection.

MM CMTR-8: *Tasman Drive/I-880 SB Ramps* – There are no feasible mitigation measures that would reduce this impact to a less than significant level. Signal coordination with adjacent intersections (i.e., Tasman Drive/Alder Drive and Great Mall Parkway/I-880 NB Ramps) is the primary method of improving operations.

MM CMTR-9: *Great Mall Parkway/I-880 NB Ramps* – There are no feasible mitigation measures that would reduce this impact to a less than significant level. Signal

coordination with adjacent intersections (i.e., Tasman Drive/I-880 SB Ramps) is the primary method of improving operations.

CMP Intersections

MM CMTR-10: *Calaveras Boulevard/Abel Street* – There are no feasible mitigation measures that would reduce this impact to a less than significant level or otherwise improve operation of this intersection.

MM CMTR-11: *E. Calaveras Boulevard/S. Milpitas Boulevard* – The mitigation measure identified for the project impact to this intersection (i.e., addition of a third westbound through lane) would reduce this impact to a less than significant level.

MM CMTR-12: *McCarthy Boulevard-O'Toole Avenue/Montague Expressway* – The mitigation measure identified for the project impact to this intersection (i.e., widening of the northbound approach to provide a dedicated right turn lane) would reduce this impact to a less than significant level.

MM CMTR-13: *Great Mall Parkway-Capitol Ave/Montague Expressway* – There are no feasible mitigation measures that would reduce this impact to a less than significant level or otherwise improve operation of this intersection.

MM CMTR-14: *First Street/Montague Expressway* – There are no feasible mitigation measures that would reduce this impact to a less than significant level or otherwise improve operation of this intersection.

San Jose Intersections

MM CMTR-15: *McCarthy Boulevard-O'Toole Avenue/Montague Expressway* – The mitigation measure identified for the project impact to this intersection (i.e., widening of the northbound approach to provide a dedicated right turn lane) would reduce this impact to a less than significant level.

MM CMTR-16: *First Street/Montague Expressway* – There are no feasible mitigation measures that would reduce this impact to a less than significant level or otherwise improve operation of this intersection.

Fremont Intersections

MM CMTR-17: *Dixon Landing Road/N. Milpitas Boulevard* – There are no feasible mitigation measures that would reduce this impact to a less than significant level or otherwise improve operation of this intersection.

7.2.5 Mitigation for Interim Midday Scenario Traffic Impacts

MM CMTR-18: *McCarthy Blvd/Bellew Dr* – The mitigation measure identified for the project impact to this intersection (i.e., restriping of the eastbound approach to provide two left turn lanes and one shared through/right turn lane) plus

increasing the cycle length to 80 seconds would mitigate this Interim Midday Scenario impact to a less than significant level.

MM CMTR-19: *Bellew Dr/Barber Ln* – The improvements proposed by the pending Milpitas Square project (i.e., addition of northbound left turn lane and westbound through lane) plus increasing the signal cycle length to 65 seconds would reduce this impact to a less than significant level.

7.2.6 Cumulative Traffic Impact Conclusion

As described in Section 4.2 Transportation and Traffic, the developer shall contribute its fair share towards the Montague Expressway, Milpitas Business Park, and Calaveras Boulevard traffic fees, and the Bellew/McCarthy Boulevard and Tasman/I-880 traffic management enhancements fees. Fair share contribution to these fees will help improve overall traffic circulation in the project area; however, it will not fund specific improvements necessary to mitigate the project's cumulative traffic impact to a less than significant level. Thus, the project's year 2030 cumulative traffic impact is significant and unavoidable. **[Significant Unavoidable Year 2030 Cumulative Traffic Impact]**

As discussed above, the mitigation measures identified for project intersection impacts, an improvement proposed by the pending Milpitas Square project, and increasing the cycle length at one intersection would reduce seven of the project's Interim Peak Hour Scenario traffic impacts to a less than significant level. There are no feasible measures for the remaining eight intersections (i.e., Alder Drive/Tasman Drive, Tasman Drive/I-880 SB Ramps, Great Mall Parkway/I-880 NB Ramps, Calaveras Boulevard/Abel Street, Great Mall Parkway-Capitol Ave/Montague Expressway, First Street/Montague Expressway, First Street/Montague Expressway, and Dixon Landing Road/N. Milpitas Boulevard) that operate unacceptably under the Interim Peak Hour Scenario. **[Significant Unavoidable Interim Peak Hour Scenario Impact]**

As discussed above, the mitigation measures identified for project intersection impacts, an improvement proposed by the pending Milpitas Square project, and increasing the cycle length at the two impacted intersections, would reduce the Interim Midday Scenario traffic impact to a less than significant level. **[Less than Significant Interim Midday Scenario Impact with Mitigation]**

7.3 CUMULATIVE AIR QUALITY IMPACTS

The Bay Area Air Quality Management District (BAAQMD) guidance for CEQA documents provides that a project's cumulative impact is based on its consistency with the local general plan and the local general plan with the regional air quality plan (i.e., Clean Air Plan).

Although the proposed project is not consistent with the City of Milpitas General Plan, the overall development proposed by the project is consistent with the goals of the Clean Air Plan (CAP). The proposed project would create additional residential development, which will incrementally improve the jobs/housing balance in the City of Milpitas. Providing housing for more of the City's workers is expected to help reduce regional air pollution levels by reducing traffic congestion and commute times. The project also includes commercial and retail services that would accommodate the residential development. In addition, the project is served by local transit with direct connections to regional transit. Regional transit is located approximately one-half mile from the project site. In addition to being consistent with the goals of the CAP, the project would not result in substantial emissions of regional or localized pollutants (refer to **Section 4.4 Air Quality**).

The Clean Air Plan includes Transportation Control Measures (TCMs) that are intended to reduce vehicle miles traveled and associated air pollution impacts. Cities are not the only implementing agencies for these TCMs; other agencies include counties, the Bay Area Air Quality Management District, the Metropolitan Transportation Commission, Congestion Management Agencies, and school districts. The City's General Plan includes all of the measures that are consistent with a City's responsibility. Virtually all of these measures are already reflected in existing General Plan policies, which are the basis of mitigations for all land use impacts in Milpitas. The General Plan, therefore, demonstrates reasonable efforts to implement the Transportation Control Measures (TCMs) listed in the Clean Air Plan.

7.3.1 Cumulative Air Quality Impact Conclusion

Because the overall development proposed by the project is consistent with the goals of the Clean Air Plan; the project does not result in project-specific air quality impacts; and the City's General Plan is generally consistent with the regional air quality policies, the project would not substantially contribute to cumulative air quality impacts. **[Less than Significant Cumulative Air Quality Impact]**

7.4 CUMULATIVE NOISE IMPACTS

For humans, an audible noise increase is three decibels. Traffic volumes must double to result in an audible noise increase. Independently, project-generated traffic will not audibly increase noise levels in the project area. Traffic generated by the cumulative projects will increase noise along many roadways throughout the City of Milpitas. Given the high existing traffic volumes on most roadways within the City, traffic volumes will not double and the noise increase resulting from dispersal of these trips would not be audible. For these reasons, the proposed project will have a less than significant cumulative noise impact.

7.4.1 Cumulative Noise Conclusion

Traffic volumes in the project area are high. The proposed project combined with other nearby projects will not double traffic volumes in the project area and, therefore, will not increase the overall ambient noise level of the project area by three decibels or more. As a result, the proposed project will have a less than significant cumulative noise impact. **[Less than Significant Cumulative Noise Impact]**

7.5 CUMULATIVE UTILITY AND SERVICE SYSTEM IMPACTS

7.5.1 Water

The proposed project in combination with past, present, and reasonably foreseeable project would result in a substantial net increase in water demand. To the extent feasible, the cumulative projects would reduce potable water demand by incorporating water conservation practices (e.g., water efficient landscaping) in accordance with City policies and utilizing recycled water (e.g., irrigation). City development policies require developers to design and install all water mains in accordance with the City's Water Master Plan. In addition, the developer is required to pay all water related fees including connection fees and water treatment plant fees.

The cumulative projects will be supplied with water purchased from the SCVWD. The SCVWD receives its water supply for this area primarily from imported surface water. According to the City of Milpitas 2005 Urban Water Management Plan, there is sufficient water supply available to serve the cumulative projects. No new or extended entitlements will be required to supply water to the cumulative projects.

7.5.2 San José/Santa Clara Water Pollution Control Plant

The San José/Santa Clara Water Pollution Control Plant (WPCP), which is located at the northerly end of San José, provides wastewater treatment for the Cities of San José, Santa Clara, and Milpitas, as well as four sanitary districts in Santa Clara County. The WPCP has existing capacity to treat 167 million gallons of effluent per day (mgd). Of this total amount, the capacity allocated to Milpitas is roughly 13.5 mgd.

While the capacity of the WPCP is 167 mgd, the amount of treated wastewater that can be discharged to San Francisco Bay by the WPCP is limited to 120 mgd (dry weather peak). This limitation is based upon the concerns of the State Water Resources Control Board and the Regional Water Quality Control Board over the effects of additional freshwater discharges from the WPCP on saltwater marsh habitat, as well as pollutant loading to the Bay from the WPCP. This limitation has led to the development of programs to reduce the volume of wastewater generated at the source, as well as a system that recycles some of the wastewater for non-potable uses.

Effective July 1, 2006, the City of Milpitas increased the City's allocation of WPCP treatment capacity by one million gallons per day (mgd) from 12.5 mgd to 13.5 mgd. Although the City of Milpitas recently increased its wastewater capacity, it cannot be assumed that all proposed discharge exceeding the Midtown Specific Plan or August 2004 Sewer Master Plan zoning amounts are accommodated from the increase. It is anticipated that the city-wide demand will exceed the available capacity in the near future. Affordable Housing projects are given the first priority for wastewater capacity in accordance with State law. The remaining wastewater capacity is allocated upon a first-come-first-served basis, based on the project application date. The proposed project in combination with past, present, and reasonably foreseeable projects will reduce the available limited treatment capacity at the WPCP, requiring purchase of additional sewage discharge capacity.

7.5.3 Main Pump Station

Construction is underway on the Milpitas Main Sewer Pump Station replacement project. This station lifts flows from local sewer mains to the WPCP. The existing station is being replaced in kind because the existing station is very old, has outlived its useful life, has seismic deficiencies, and is relatively expensive to operate and maintain. The existing pump station has a pumping capacity of 42 to 45 million gallons per day (MGD). The new pump station can pump between 39 to 44 MGD and can accommodate flows from this project.

As discussed in **Section 4.11 Utilities and Service Systems**, the developer will design and construct all sanitary sewer connections in accordance with the City's Sewer Master Plan and City Engineering Standards and Guidelines.

7.5.4 Solid Waste Impacts

The proposed project in combination with past, present, and reasonably foreseeable project would result in a substantial net increase in solid waste disposed per year. The City of Milpitas administers

a commercial and residential recycling program that complies with state-mandated waste reduction goals specified in the Public Resources Code Section 40500. The cumulative projects will participate in the commercial and/or residential recycling program and the City's solid waste program, which will reduce the total amount of garbage taken to the landfill. The Newby Island landfill has capacity to handle the additional solid waste that would be disposed by the cumulative projects.

7.5.5 Cumulative Utilities and Service Systems Conclusion

The proposed project in combination with past, present, and reasonably foreseeable projects will substantially increase water demand and the amount of solid waste disposed per year, and will reduce the City's allocated treatment capacity at the WPCP. According to the City of Milpitas 2005 Urban Water Management Plan, there is sufficient water supply available to serve the cumulative projects. No new or extended entitlements will be required to supply water to the cumulative projects. Project developers in the City of Milpitas are required to pay proportional replacement costs for a new Main Sewage Pump Station and participate in the commercial and/or residential recycling program and the City's solid waste program. For these reasons, the proposed project would not contribute to a significant cumulative water, wastewater, or solid waste cumulative impact. The proposed project will, however, contribute to a cumulative wastewater Utilities and Service Systems impact. **[Less than Significant Cumulative Utilities and Service Systems Impact]**

7.6 CUMULATIVE PUBLIC SERVICES IMPACTS

7.6.1 Cumulative Fire Protection Impact

Fire Station No. 4 is less than a mile from the project site. The proposed project will be reviewed by the Fire Department to ensure it is built to current Fire Code standards, which include features to reduce fire hazards (e.g., sprinklers and smoke detectors). Compared to existing conditions, the proposed project would incrementally increase demand for fire protection as a result of increased density of development on the site. This incremental increase in demand for fire protection in combination with the incremental increase from other reasonably foreseeable projects is not expected to result in the need to construct a new fire station.

7.6.1.1 *Cumulative Fire Protection Impact Conclusion*

The incremental increase in demand for fire protection resulting from the proposed project in combination with the incremental increase from other reasonably foreseeable projects is not expected to result in the need to construct a new fire station. For this reason, the proposed project would not contribute to the cumulatively significant fire protection impact. **[Less Than Significant Cumulative Fire Protection Impact]**

7.6.2 Cumulative Police Protection Impact

The proposed project would be constructed in conformance with current codes and reviewed by the Police Department to ensure appropriate safety features that minimize criminal activity are included in the site design.

Police protection services are provided to the project site by the City of Milpitas Police Department (MPD). Services are provided from one central station, located at 1275 North Milpitas Boulevard. Compared to existing conditions, the proposed project would incrementally increase demand upon police protection services. This incremental increase in demand for police protection in combination

with the incremental increase from other reasonably foreseeable projects is not expected to result in the need to construct new police facilities.

7.6.2.1 *Cumulative Police Protection Impact Conclusion*

The incremental increase in demand for police protection resulting from the proposed project in combination with the incremental increase from other reasonably foreseeable projects is not expected to result in the need to construct new police facilities. For this reason, the proposed project would not contribute to the cumulatively significant police protection impact. **[Less Than Significant Cumulative Police protection Impact]**

7.6.3 Cumulative School Impacts

The project site is within the Milpitas Unified School District (MUSD). Public schools that students from the proposed project would attend include Anthony Spangler Elementary School, Thomas Russell Middle School, and Milpitas High School. Using the District's student generation rate of 0.134 students per multi-family dwelling unit and 0.472 students per single-family dwelling unit, the cumulative projects could generate a total of approximately 646 students that would attend MUSD schools.[58] Based on MUSD's capacity and current enrollment at the schools students from the project would attend, the schools are nearing capacity (see Table 26 below).[59]

Table 26
Local School Capacity

School	Capacity	2006 Enrollment
Anthony Spangler Elementary School	716	548
Thomas Russell Middle School	807	786
Milpitas High School	3285	2,945

In accordance with state law (Government Code Section 65996), the developer of the proposed project and the developers of the residential projects listed in Table 23 shall provide payment of a school impact fee prior to issuance of a building permit. The school impact fees and the school districts' methods of implementing measures specified by Government Code 65996 would offset project-related increases in student enrollment.

7.6.3.1 *School Impact Conclusion*

Although the proposed project in combination with other reasonably foreseeable projects may result in the need to construct new schools or the expansion of one or more existing schools, the construction of schools or addition to existing schools within the City's Urban Service Area is not likely to result in significant environmental impacts. **[Less Than Significant Cumulative School Impact]**

[58] Karl Black, Superintendent, Milpitas Unified School District. Email Communication. October 9, 2006.
[59] Capacity assumes that every seat in every classroom is full at all times. Allowance has been made for a dedicated science lab and computer lab at each elementary school and a dedicated computer lab at each middle school. This loading does not allow for additional designated classrooms for special uses, nor does it allow for assignment of classrooms to a teacher or subject such that the classroom would only be used for certain periods of the day. Thus some of the capacity which appears to be available, particularly at Milpitas High School is not true. Because MHS is so large, Academies have been established to maintain a high quality of educational experience.

7.7 CUMULATIVE ENERGY IMPACTS

Operation of the projects listed on Table 23 are roughly estimated to consume 32 million kilowatt hours of electricity and 1.8 billion cubic feet of natural gas, and 2.5 million gallons of gasoline per year, of which the project's share is roughly 5.3 million kilowatt hours of electricity, 23.8 million cubic feet of natural gas, and 0.5 million gallons of gasoline per year.[60]
As discussed in Section 4.12 Energy, projected energy supplies are limited. The amount of energy consumed by the cumulative projects is substantial in comparison to projected supplies.

7.7.1 Cumulative Energy Conclusion

The amount of energy consumed by the cumulative projects is substantial in comparison to projected supplies. This is a significant cumulative energy impact, and the proposed project's contribution is cumulatively considerable. **[Significant Unavoidable Cumulative Energy Impact]**

7.8 CUMULATIVE GLOBAL CLIMATE CHANGE IMPACTS

The world's leading climate scientists have reached consensus that global climate change is underway and is very likely caused by humans.[61] Specifically, it is the human consumption/production of energy that is causing global warming. As discussed above in Section 7.7 Cumulative Energy Impacts, the cumulative projects would consume 32 million kilowatt hours of electricity and 1.8 billion cubic feet of natural gas, and 2.5 million gallons of gasoline per year. This consumption of energy will generate a substantial amount of greenhouse gases (primarily from electricity use and vehicles). This is a significant global climate change impact.

The project is infill development that is proximate to public transit and employment and retail uses. Future development will comply with existing state and federal regulations regarding the energy efficiency of buildings, appliances, lighting, etc. In addition, the mixed-use development proposed by the project (i.e., retail, office, and residential uses) will reduce the number of vehicle trips and provide housing for more of the City's workers, which would reduce distances between jobs and housing. These are all aspects of the project that would reduce energy use. For these reasons, the project's contribution is not cumulatively considerable. **[Less Than Significant Cumulative Global Climate Change Impact]**

[60] Based upon the following average usage factors: Electricity - 6,500 kWhr per residential dwelling unit per year; 13 kWhr per ft^2 of commercial per year; 18 kWhr per ft^2 of office per year; Natural Gas - 45,000 ft^3 per residential dwelling unit per year; 37 ft^3 per ft^2 of commercial per year; 29 ft^3 per ft^2 of office per year; and Gasoline – 0.048 gallons per mile.

[61] IPCC, 2007: Summary for Policymakers. In: Climate Change 2007: The Physical Science Basis. Contribution of Working Group I to the Fourth Assessment Report of the Intergovernmental Panel on Climate Change [Solomon, S., D. Qin, M. Manning, Z. Chen, M. Marquis, K.B. Averyt, M. Tignor and H.L. Miller (eds.)]. Cambridge University Press, Cambridge, United Kingdom and New York, NY, USA. Available at: http://www.ipcc.ch/.

SECTION 8 GROWTH-INDUCING IMPACTS

8.1 INTRODUCTION

The purpose of this section of an EIR is to disclose whether or not the construction of a project is likely to foster additional growth, either directly or indirectly. This information can be an important factor in a decision to approve a project, if the approval will foster additional growth that may have environmental consequences.

The fact that a project is likely to foster additional growth does not imply that such growth is either detrimental or beneficial. For example, a project that fosters growth consistent with the adopted goals and policies of a city's General Plan would likely be considered as beneficial. Conversely, a project that fosters growth that would conflict with such goals and policies would likely be considered as detrimental.

Projects can induce growth directly or indirectly or both. A direct growth-inducing impact occurs when the construction of one or more projects is dependent on the construction of another project.[62] An indirect growth-inducing impact occurs when a project fosters such growth but there is not direct linkage to future projects.

8.2 GROWTH-INDUCING IMPACTS

The project proposes amendments to the City of San Milpitas General Plan and Zoning Code that would allow for the future development of residential, retail, and office uses on the project site. This growth, however, would not be induced by the proposed project - it is the proposed project.

The proposed project is infill redevelopment; the project site is well within the City's existing urban boundaries and is served by existing infrastructure.

The proposed project will not allow new development where development is not already allowed and will not substantially increase the need for urban infrastructure beyond levels necessary to serve existing and planned development on the project site. The project does allow for more dwelling units within Milpitas than are currently planned for in the existing General Plan. It is unlikely to induce growth anywhere other than the project site itself, the impacts of which are disclosed in this EIR. For these reasons and those described above, the proposed project will not result in growth-inducing impacts.

[62]Cities and counties frequently place conditions on a project at the time it is approved. These conditions can take the form of restrictions, project modifications, and/or prerequisites to construction. An example of a prerequisite condition would be that the construction of a project cannot proceed until the local wastewater treatment plant has been expanded to accommodate the wastewater to be generated by the project. Therefore, expansion of the wastewater treatment plant would directly foster growth by allowing an approved project that was conditioned to not proceed until the wastewater treatment plant is expanded.

SECTION 9 SIGNIFICANT UNAVOIDABLE IMPACTS

This EIR has identified the following significant unavoidable environmental impacts that would occur as a result of the proposed project. If the project is approved, a statement of overriding considerations would be adopted for all significant unavoidable impacts.

- **Traffic** – As discussed in **Section 4.2 Transportation and Traffic**, project-generated traffic degrades intersection operations from LOS E to LOS F at the intersection of Great Mall Pkwy/I-880 NB Ramps during the AM peak hour. Signal coordination between this intersection and Tasman Drive/Alder Drive and Tasman Drive/I-880 SB Ramps will improve operations at this intersection, but will not reduce the impact to a less than significant level. There is no feasible mitigation available to reduce this impact to a less than significant level.

- **Traffic** – As discussed in **Section 4.2 Transportation and Traffic**, project-generated traffic exacerbates and LOS E operations during the PM peak hour at the intersection of Tasman Drive/I-880 SB Ramps. Signal coordination between this intersection and Tasman Drive/Alder Drive and Great Mall Pkwy/I-880 NB Ramps will improve operations at this intersection, but will not reduce the impact to a less than significant level. There is no feasible mitigation available to reduce this impact to a less than significant level.

- **Traffic** – As discussed in **Section 4.2 Transportation and Traffic**, project-generated traffic exacerbates LOS F operations at the intersection of Alder Drive/Tasman Drive during the PM peak hour. Conversion of one southbound (Alder Drive) through lane to a left turn lane to provide a total of three southbound left turn lanes improves intersection operations; however, this improvement would impact pedestrian and bicycle activity (which would increase substantially with this and other recently approved residential projects) and degrade vehicle progression and VTA light rail transit operations along Tasman Drive. There are no feasible mitigation measures available to reduce this impact to a less than significant level.

- **Traffic** – As discussed in **Section 4.2 Transportation and Traffic,** project-generated traffic degrades intersection operations from LOS E- to LOS F at the intersection of Great Mall Parkway-Capitol Ave/ Montague Expressway during the AM peak hour. Prior to issuance of a building permit, the developer shall pay the Montague Expressway Fee, which goes towards the widening of Montague Expressway. The widening of Montague Expressway is not fully funded and, therefore, it is unknown when Montague Expressway will be widened. There are no feasible mitigation measures to reduce project impacts at this intersection to a less than significant level.

- **Air Quality** - As discussed in **Section 4.4 Air Quality**, the project would expose sensitive receptors to objectionable odor from the San José/Santa Clara Water Pollution Control Plant (WPCP) and other odor sources in the area, including the Newby Island Landfill, Zanker Road Landfill, Newby Island Compost Facility, and salt evaporation ponds. The most effective method of avoiding odor impacts is distance (i.e., separation between the odor source and sensitive receptors. The entire project site is exposed to WPCP odor, therefore, it is not possible to provide the separation distance needed to avoid the odor. As discussed in **Section 4.3 Noise**, forced-air mechanical ventilation is necessary to avoid significant noise impacts. The provision of forced-air mechanical ventilation would allow project residents to keep windows closed when WPCP odors are noticeable. This would not, however, reduce the odor impact to a less than significant level. There are no feasible measures to reduce this impact to a less than significant level.

SECTION 10 SIGNIFICANT IRREVERSIBLE ENVIRONMENTAL CHANGES

This section was prepared pursuant to CEQA Guidelines Section 15126.2(c), which requires a discussion of the significant irreversible changes that would result from the implementation of a proposed project.

Significant irreversible changes include the use of nonrenewable resources. During demolition, construction, and operation, development of the proposed project will require the use and consumption of nonrenewable resources. Renewable resources, such as lumber and other wood byproducts, will also be used. Unlike renewable resources, nonrenewable resources cannot be regenerated over time. Nonrenewable resources include fossil fuels and metals.

As discussed in Section 4.12, Energy, energy will be consumed during both the construction and operational phases of the project. The construction phase will require the use of nonrenewable construction material, such as concrete, metals, and plastics. Nonrenewable resources and energy would also be consumed during the manufacturing and transportation of buildings materials, preparation of the site, and construction of the buildings. The operational phase will consume energy for multiple purposes including, building heating and cooling, lighting, appliances, electronics, and commercial machinery. Energy, in the form of fossil fuels, will be used to fuel vehicles traveling to and from the area.

The City of Milpitas encourages the use of building materials that include recycled materials, and makes information available on those building materials to developers. New buildings will be built to current codes, which require insulation and design to minimize wasteful energy consumption. High density residential developments typically use less energy for heat and light because common walls and shared services reduce waste. In addition, the project site is an infill location that is located near existing transit facilities and employment centers in the City of Milpitas and north San José. The proposed project will, therefore, facilitate a more efficient use of the project site over the long term.

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APPENDIX A

TRAFFIC IMPACT ANALYSIS

Draft Transportation Impact Analysis

Landmark Tower

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April 16, 2008

Draft Report

Landmark Tower

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EXECUTIVE SUMMARY

This report presents the results of the transportation impact analysis (TIA) for the proposed Landmark Tower mixed-use development located in the City of Milpitas, California. The proposed project includes 375 condominium units, 48,960 square feet of office space, and 148,805 square feet of retail space. The project is located on the east side of Barber Lane, south of Bellew Drive and adjacent to I-880.

The analysis was conducted to identify potential transportation impacts of the proposed project on the surrounding roadway system and to recommend appropriate improvements to mitigate any significant impacts. The roadway system was evaluated under Existing, Background, Project, Interim Cumulative, and Year 2030 Conditions.

PROJECT TRAFFIC ESTIMATES

The amount of traffic added to the surrounding roadway system by the proposed project was estimated by applying the appropriate trip generation rates to the development proposal. Trip generation rates for Condominium, Office, and Specialty Retail land uses identified in *San Diego Traffic Generators* (San Diego Association of Governments, April 2002) were used to estimate project trip generation. Reductions were applied for the mixed-used nature of the development.

The proposed project is estimated to generate 9,454 net new daily trips, 449 net new AM peak-hour trips (224 inbound and 225 outbound) and 736 net new PM peak-hour trips (389 inbound and 347 outbound).

INTERSECTIONS

Project Impacts

The proposed project will have a significant impact to three CMP (one of the three intersections is also under City of San Jose jurisdiction) and six City of Milpitas intersections.

Significant and unavoidable impacts are expected at four (4) study intersections:

- Alder Drive / Tasman Drive
- Tasman Drive / I-880 SB Ramps
- Great Mall Parkway / I-880 NB Ramps
- Great Mall Parkway-Capitol Avenue / Montague Expressway

Project Mitigation Measures

The following mitigation measures were identified at the other locations:

- *SR 237 / I-880 NB Ramps* – Conversion of the northbound center left-turn lane to a shared left- and right-turn lane
- *McCarthy Boulevard / Bellew Drive* – Restriping of the eastbound approach (one left-turn, one through, and one right-turn lane) to provide two left-turn lanes and one shared through/right-turn lane.

- *Bellew Drive / Barber Lane* – Addition of a northbound left-turn lane (requires removal of bike lanes and on-street parallel parking for a section of Barber Lane).

- *E. Calaveras Boulevard / S. Milpitas Boulevard* – Addition of a third westbound through lane (requires conversion of the separate right-turn lane to a shared through/right-turn lane and a third receiving lane past the intersection), which is consistent with improvements identified in the *Valley Transportation Plan 2030.*

- *McCarthy Boulevard-O'Toole Avenue / Montague Expressway* – Widening of the northbound approach to provide a dedicated right-turn lane from northbound O'Toole Avenue to eastbound Montague Expressway.

Interim Cumulative Impacts

The addition of traffic from three other nearby pending developments will result in Interim Cumulative impacts at 14 intersections. Significant and unavoidable impacts are expected at nine (9) of these 14 study intersections:

- McCarthy Boulevard / Bellew Drive
- Alder Drive / Tasman Drive
- Tasman Drive / I-880 SB Ramps
- Great Mall Parkway / I-880 NB Ramps
- Great Mall Parkway-Capitol Avenue / Montague Expressway
- McCarthy Boulevard / Alder Drive
- Calaveras Boulevard / Abel Street
- First Street / Montague Expressway
- Dixon Landing Road / N. Milpitas Boulevard

Interim Cumulative Mitigation Measures

In addition to the mitigation measures identified under Project Conditions, the following mitigation measures under Interim Cumulative Conditions were identified:

- Bellew Drive / Barber Lane – Addition of a westbound through lane (proposed improvements as part of Milpitas Square redevelopment).

- McCarthy Boulevard / Tasman Drive – Restriping of the second southbound through lane (McCarthy Boulevard) into a dedicated right-turn lane with an overlap traffic signal phase.

Mid-day Project Impacts & Mitigation Measures (With Landmark Towers and With Milpitas Square)

An analysis of mid-day operations was conducted for three nearby intersections: McCarthy Boulevard/Bellew Drive, Bellew Drive/Barber Lane, and Barber Lane/Alder Drive. The analysis was conducted with traffic from Landmark Towers and with traffic from future redevelopment of the adjacent Milpitas Square project. Significant impacts and mitigation measures were identified at these two locations:

- *McCarthy Boulevard / Bellew Drive* - Restriping of the eastbound approach (recommended under Project Conditions.
- *Bellew Drive / Barber Lane* – Addition of a northbound left-turn lane (recommended under Project Conditions) and a westbound through lane (recommended under Interim Cumulative Conditions).

These mitigation measures would provide acceptable mid-day operations.

ROADWAY SEGMENTS

Year 2030 Impacts

The addition of project traffic is estimated to have an impact on six roadway segments during the AM peak hour and fourteen roadway segments during the PM peak hour.

Mitigation Measures

The City of Milpitas requires projects to pay their fair share of the improvement costs to mitigate the anticipated cumulative impacts of traffic from new developments on future deficient intersections. The proposed project will add traffic to deficient intersections on Calaveras Boulevard and will be required to make a fair share contribution towards the East/West Corridor Study, Calaveras Boulevard (SR 237) Overpass Widening, and Montague Expressway improvement projects.

The project is located within the Milpitas Business Park area and will be required to pay the Milpitas Business Park Traffic Mitigation Fee which is based on the number of trips generated by the project. The impact fees are used to contribute funding towards regional improvements such as the Calaveras and Montague projects mentioned above.

FREEWAY SEGMENTS

Based on the VTA's Congestion Management Program guidelines, the proposed project will have a potentially significant impact on the mixed-flow lanes of the following three (3) freeway segments:

- Eastbound SR 237, McCarthy Boulevard to I-880;
- Westbound SR 237, I-880 to McCarthy Boulevard; and
- Westbound SR 237, McCarthy Boulevard to Zanker Road.

Mitigation Measures

According to VTA policy direction, the mitigation measure for regional freeway impacts is participation in the Countywide Deficiency Plan (CDP) prepared by the VTA. Pending adoption of the CDP, the Lead Agency for

a development project must include programs or facilities delineated in the "Immediate Implementation Action List" (Appendix D) as part of the project's approval if the freeway impact cannot be reduced to a less-than-significant level. While implementation of these measures would incrementally reduce traffic, they would not reduce the identified impact to a less-than-significant level. Thus the addition of project traffic results in a significant and unavoidable impact to the three (3) freeway segments identified above. The City of Milpitas is currently preparing a deficiency plan to identify local and regional improvements.

PEDESTRIAN, BICYCLE, AND TRANSIT FACILITIES

The proposed project has a significant impact to the bicycle facilities since the proposed mitigation measure at Bellew Drive/Barber Lane requires removal of existing bike lanes on a section of Barber Lane. The proposed project will not significantly impact pedestrian or transit facilities in the project area.

SITE ACCESS AND ON-SITE CIRCULATION

Access to the site is provided via two driveways and a drop-off/pick-up loop. A detailed review of site access and on-site circulation will be provided at a later date.

PARKING

The project proposes 1,392 parking spaces, which falls 100 spaces short of meeting the City's mixed-use parking requirements. A shared parking analysis following the Urban Land Institute methodology indicates that approximately 1,286 parking spaces are needed during the December peak time and 1,154 parking spaces are needed during the "late December" peak time. Based on the shared parking analysis, the garage should provide a minimum of between 1,154 to 1,286 spaces. The final decision on the amount of parking provided will be determined by City staff.

1. INTRODUCTION

This report presents the results of the transportation impact analysis (TIA) for the proposed Landmark Tower of Milpitas mixed-use development located in the City of Milpitas, California. The proposed project includes 375 condominium units, 148,805 square feet of retail space, and 48,960 square feet of office space. The project is located on the east side of Barber Lane, south of Bellew Drive and adjacent to I-880.

The analysis was conducted to identify potential transportation impacts of the proposed project on the surrounding roadway system and to recommend appropriate improvements to mitigate any significant impacts. Figure 1 presents the project location, surrounding roadway system, and study intersections. The site plan is shown on Figure 2.

Project impacts were estimated following the guidelines of the City of Milpitas, City of San Jose, City of Santa Clara, City of Fremont, and the Santa Clara Valley Transportation Authority (VTA), which is the congestion management agency for Santa Clara County. The analysis evaluated the operations of the following key intersections:

1. McCarthy Boulevard / SR 237 Westbound Ramps (M)
2. McCarthy Boulevard / SR 237 Eastbound Ramps (M)
3. SR 237 Ramps/ I-880 Southbound Ramps (M)
4. SR 237 Ramps/ I-880 Northbound Ramps (M)
5. W. Calaveras Boulevard / S Abel Street (CMP/M)
6. E. Calaveras Boulevard / S. Milpitas Boulevard (CMP/M)
7. Bellew Drive / McCarthy Boulevard (M)
8. Bellew Drive / Barber Lane (M)
9. McCarthy Boulevard / Alder Drive (M)
10. McCarthy Boulevard / Tasman Drive (M)
11. Tasman Drive / Alder Drive (M)
12. Barber Lane / Alder Drive (M)
13. Tasman Drive / I-880 SB Ramps (M)
14. Great Mall Parkway / I-880 Northbound Ramps (M)
15. McCarthy Boulevard / Barber Lane (M)
16. McCarthy Boulevard-O'Toole Avenue / Montague Expressway (CMP/SJ/M)
17. Great Mall Parkway-E. Capitol Avenue / Montague Expressway (CMP/M)
18. Montague Expressway/ Trimble Road (CMP/SJ)
19. Montague Expressway/ River Oaks Parkway – E. Plumeria Road (SJ)
20. Montague Expressway/ Zanker Road (CMP/SJ)
21. Montague Expressway/ North First Street (CMP/SJ)
22. Montague Expressway/ De La Cruz Boulevard (CMP/SC)

23. Capitol Avenue/ Cropley Drive – Trade Zone Boulevard (SJ)
24. Great Mall Parkway/ Main Street (M)
25. Great Mall Parkway/ Abel Street (M)
26. Tasman Drive/ Zanker Road (SJ)
27. Tasman Drive/ North First Street (SJ)
101. Dixon Landing Road/ McCarthy Boulevard (F)
102. Dixon Landing Road/ I-880 Southbound Ramps (M)
103. Dixon Landing Road/ I-880 Northbound Ramps/California Circle (M)
104. California Circle/ I-880 Northbound Ramps (M)
105. Dixon Landing Road/ N. Milpitas Boulevard (M)
106. Scott Creek Road/ Warm Springs Boulevard (F)
107. Scott Creek Road/ I-680 Southbound Ramps (F)
108. Scott Creek Road/ I-680 Nouthbound Ramps (F)
109. McCarthy Boulevard/ North Ranch Drive (M)
110. McCarthy Boulevard/ South Ranch Drive (M)

(CMP) Congestion Management Program intersection
(F) City of Fremont intersection
(M) City of Milpitas intersection
(SC) City of Santa Clara intersection
(SJ) City of San Jose intersection

The analysis also evaluated the operations of the following key freeway segments:

1. I-880, between Mission Boulevard and Brokaw Road
2. I-680, between Mission Boulevard and Capitol Avenue
3. SR 237, between Zanker Road and I-880

The operations of the key intersections were evaluated during the weekday morning (AM) and afternoon (PM) peak hours for the following four scenarios:

Scenario 1: *Existing Conditions* – Existing volumes obtained from counts.

Scenario 2: *Background Conditions* – Existing volumes plus traffic from approved but not yet constructed developments in the area.

Scenario 3: *Project Conditions* – Background volumes plus the net new traffic generated by the proposed project.

Scenario 4: *Interim Cumulative Conditions* – Project volumes plus traffic generated by other nearby pending developments in the area.

Freeway segments were evaluated under existing and project conditions following VTA guidelines.

Year 2030 cumulative traffic operations were evaluated using a peak-hour roadway segment analysis per City of Milpitas Guidelines. Year 2030 Cumulative Conditions were evaluated using volumes from the City's travel demand model and the project trip assignment.

The remainder of this report is divided into five chapters. The existing transportation system serving the property and the current operating conditions of the key intersections and freeway segments are described in Chapter 2. Chapter 3 discusses operations with traffic from approved but not yet constructed developments under Background Conditions. Chapter 4 describes Project Conditions, including the method used to estimate the amount of traffic added to the surrounding roadways by the proposed project and its impacts on the transportation system. This chapter also includes a discussion of site access, on-site circulation, and parking. The Interim Cumulative scenario is included in Chapter 5, and Cumulative Year 2030 Conditions are described in Chapter 6.

Landmark Tower

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PROJECT LOCATION

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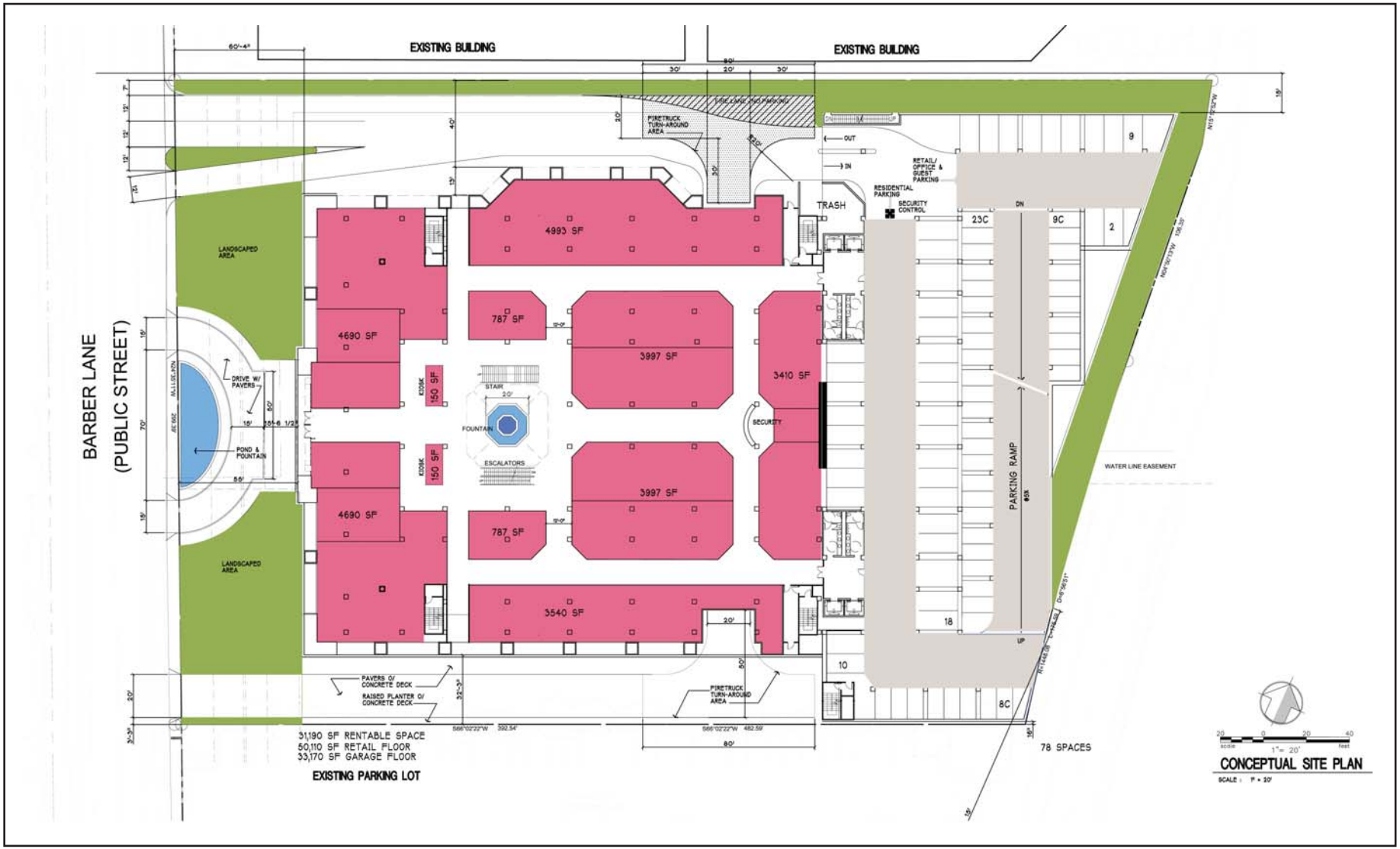
FIGURE 1



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Landmark Tower

SITE PLAN

FIGURE 2

2. EXISTING CONDITIONS

This chapter describes the existing conditions of the roadway facilities, pedestrian and bicycle facilities, transit service, traffic volumes, and intersection operations. This chapter also includes a discussion of the methods used to calculate intersection levels of service and the corresponding results.

EXISTING ROADWAY NETWORK

Regional access to the project site is provided by I-880, I-680, SR 237, Montague Expressway, and Tasman Drive/Great Mall Parkway. Local access to the site is provided by McCarthy Boulevard and Barber Lane. This section describes the existing roadway network, which is illustrated on Figure 1.

I-880 is a north-south freeway east of the project site extending south to the City of San Jose and north to the City of Oakland. In the vicinity of the project site, the freeway includes eight lanes north of State Route (SR) 237/Calaveras Boulevard and six lanes to the south. The I-880/SR 237 interchange includes direct ramp connections for High Occupancy Vehicle (HOV) lanes between the west and north legs of the interchange. Regional access to the project site is provided via the interchange at Tasman Drive/Great Mall Parkway. The peak direction of travel is southbound during the AM peak hour and northbound during the PM peak hour; though both travel directions are congested during the PM peak hour.

I-680 is a north-south freeway east of the project site extending south to the City of San Jose and north to Solano County. In the vicinity of the project site, the freeway includes six mixed-flow lanes plus a southbound HOV lane north of Calaveras Boulevard (SR 237) and eight mixed-flow lanes to the south. Access to the site is provided via an interchange at Calaveras Boulevard. Southbound I-680 is the commute direction during the AM peak hour, and northbound I-680 is the commute direction during the PM peak hour.

SR 237 is an east-west roadway that includes two distinct facilities: a six-lane freeway extending from I-880 west to US 101, and a four- to six-lane arterial roadway between I-880 and I-680 with an elevated section over the Union Pacific Railroad tracks. The arterial section is locally designated as *Calaveras Boulevard*, which is six lanes except on the bridge over the Union Pacific railroad tracks and Main Street, where it is four lanes. Calaveras Boulevard serves as a major commute route with heavy directional travel during the peak hours (westbound in the morning and eastbound in the afternoon). Regional access to the project site is provided via the interchange at McCarthy Boulevard.

Montague Expressway is an east-west, six- to eight-lane divided arterial roadway extending from US 101 east to I-680. This facility is designated San Tomas Expressway west of US 101 and Landess Avenue east of I-680. Montague Expressway includes directional HOV lanes during peak periods (westbound during the morning and eastbound during the afternoon commute hours). Montague Expressway connects with I-880 via a full cloverleaf interchange.

Tasman Drive is an east-west, six-lane divided arterial roadway extending from I-880 west into the Cities of San Jose, Santa Clara, and Sunnyvale. Tasman Drive is designated *Great Mall Parkway* east of I-880 and extends to Montague Expressway. *Great Mall Parkway* is an east-west, six-lane divided arterial roadway extending from I-880 east to Montague Expressway. Great Mall Parkway becomes *Capitol Avenue* east of Montague Expressway and continues south through the City of San Jose. VTA operates light-rail transit (LRT) service along the median of Tasman Drive/Great Mall Parkway/Capitol Avenue.

McCarthy Boulevard is a north-south, four- to six-lane arterial roadway extending from Dixon Landing Road (north of Ranch Drive) south to Montague Expressway. McCarthy Boulevard is designated as O'Toole Avenue south of Montague Expressway.

Barber Lane is a north-south, two-lane collector roadway extending from Bellew Drive south to McCarthy Boulevard (near Montague Expressway). Barber Lane runs parallel to and between McCarthy Boulevard and I-880. Barber Lane crosses under Tasman Drive, which is accessed via Alder Drive.

Alder Drive is an east-west, four-lane collector roadway extending from McCarthy Boulevard east to Barber Lane. Alder Drive serves as the connection between Barber Lane and Tasman Drive.

EXISTING PEDESTRIAN AND BICYCLE FACILITIES

Pedestrian Facilities

Pedestrian facilities are comprised of sidewalks, crosswalks, and off-street paths. Sidewalks are provided on both sides of Bellew Drive and on Barber Lane from Bellew Drive to north of Tasman Drive. As shown on Figure 3, a pedestrian path, parallel to Tasman Drive, provides a connection from Alder Drive to the sidewalk on the west side of Barber Lane. There are no sidewalks on Barber Lane south of the Tasman Drive overpass. Sidewalks are also provided on one or both sides of Alder Drive and McCarthy Boulevard near the site. Crosswalks are located at all signalized intersections in the study area.

Bicycle Facilities

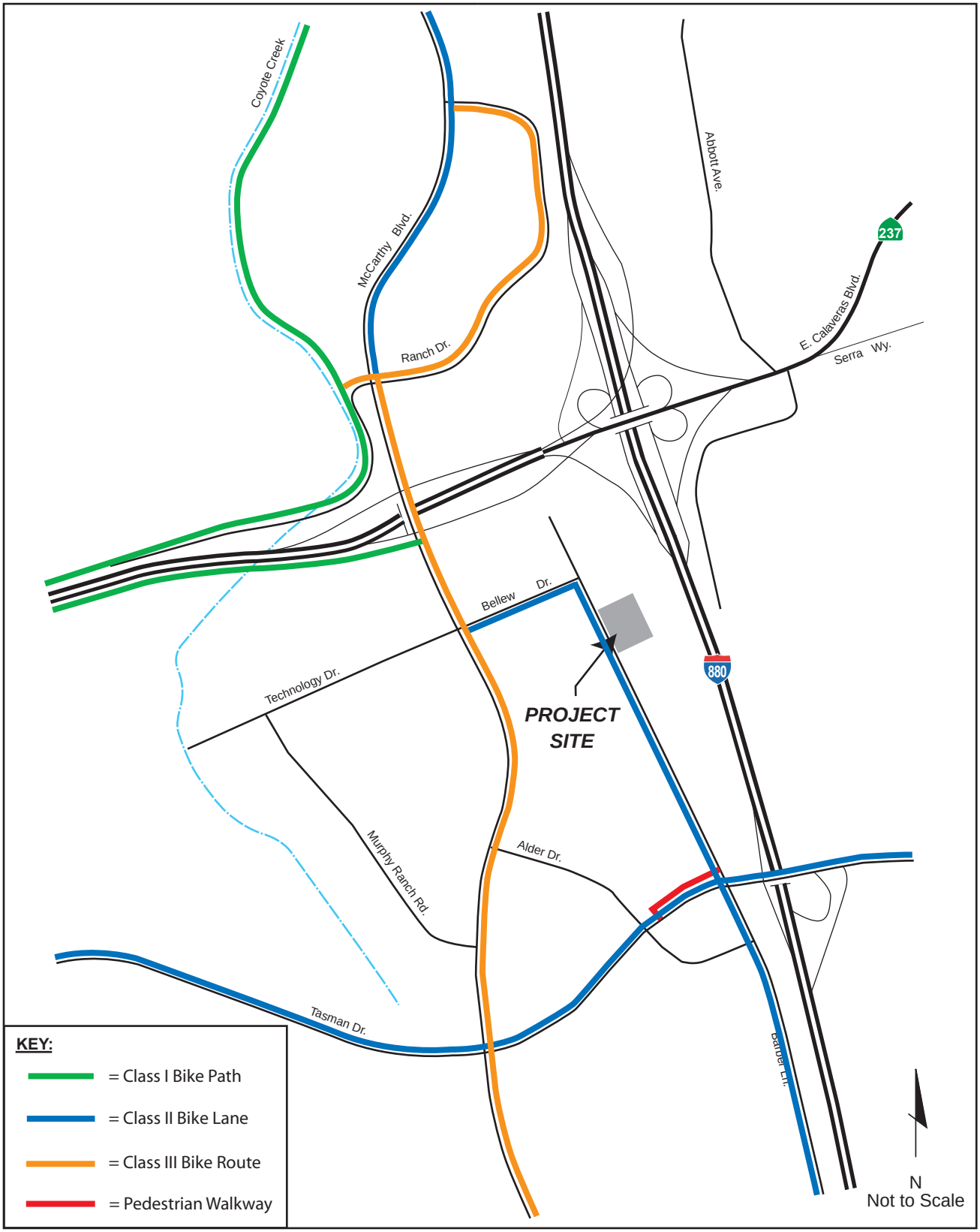
Bicycle facilities are comprised of paths (Class I), lanes (Class II), and routes (Class III). Bicycle paths are paved trails that are separate from roadways. Bicycle lanes are lanes on roadways designated for bicycle use by striping, pavement legends, and signs. Bicycle routes are roadways designated for bicycle use by signs only. Figure 3 presents existing bicycle facilities in the study area.

Class I bicycle paths are located on the north and south sides of SR 237 west of McCarthy Boulevard and the east side of Coyote Creek north of SR 237. Class II bicycle lanes are located on Barber Lane, Bellew Drive, McCarthy Boulevard (from Dixon Landing Road to Ranch Drive), and Tasman Drive/Great Mall Parkway. Class III bicycle routes are located on McCarthy Boulevard (from Ranch Road south to Montague Expressway) and Ranch Drive.

EXISTING TRANSIT SERVICE

The Santa Clara Valley Transportation Authority (VTA) operates bus and light rail service in Santa Clara County. Figure 4 shows the existing transit facilities in the study area.

Route 33 operates on Barber Lane adjacent to the project site. The Altamont Commuter Express (ACE) Purple Shuttle (route 825) and ACE Violet Shuttle (route 831) operate along portions of McCarthy Ranch Boulevard with stops located at Bellew Drive for both routes. Routes 140 and 330 and the Santa Teresa-Alum Rock light rail line operate along Tasman Drive with stops located at Alder Drive. Bus routes 180 and 181 pass through the I-880/Tasman Drive interchange without making stops in the project area. Bus routes 104 and 120 operate along SR 237 without making stops in the project area. Table 1 summarizes the destinations, hours and days of operation, and service frequencies for the bus routes and light-rail line.



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EXISTING PEDESTRIAN AND BICYCLE FACILITIES

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FIGURE 3

TABLE 1
EXISTING TRANSIT SERVICE

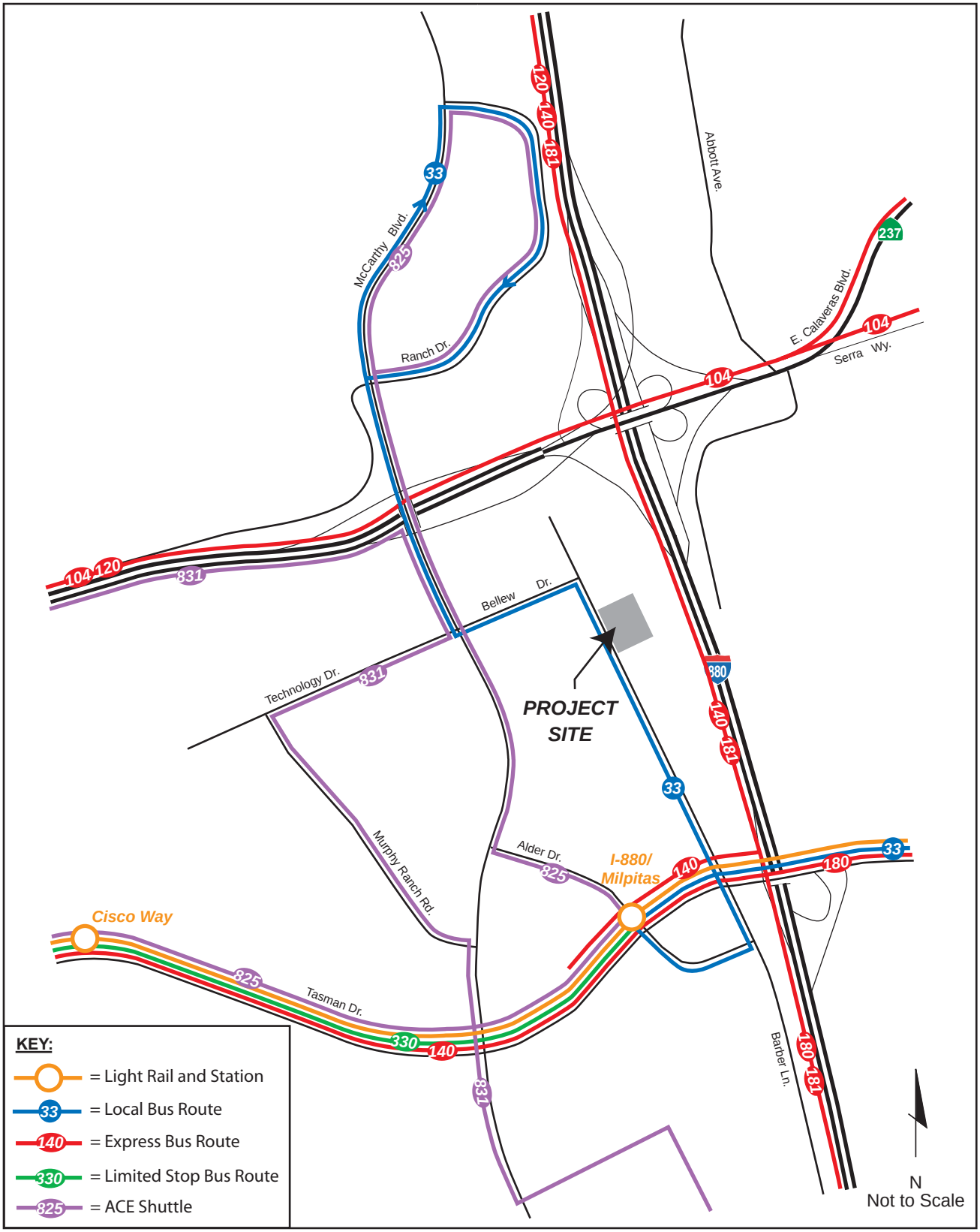
Route	From	To	Weekdays			Weekends	
			Operating Hours	Peak	Midday	Operating Hours	Midday
LRT	Santa Teresa	Alum Rock	4:20a – 2:15a	15	15	4:20a – 2:15a	15
33	Baypointe Station	Great Mall/Main Station	6:10a – 9:20p	30	30	8:10a – 8:25p	30-45
104	Penetencia Creek Station	Palo Alto	5:20a – 7:45a 3:15p – 5:50p	35-45	–	No Service	–
120	Fremont BART Station	Lockheed Martin	6:15a – 9:00a 4:00p – 7:00p	60-75	–	No Service	–
140	Fremont BART Station	Sunnyvale Caltrain Station	6:00a – 9:25a 4:00p – 7:20p	30-60	–	No Service	–
180	Fremont BART Station	San Jose Diridon Station	5:10a – 12:30a	15-20	15	7:10a – 12:30a	30
181	Fremont BART Station	San Jose Diridon Station	6:00a – 6:45p	15-20	–	No Service	–
330	Almaden/Camden	I-880/Milpitas Station (Tasman/Alder)	6:25a –9:05a 4:20p – 7:10p	40-55	–	No Service	–
825	Great America ACE/Amtrak Station	McCarthy Ranch (Tasman/Alder)	6:35a – 9:00a 3:20p – 5:30p	60-75	–	No Service	–
831	Great America ACE/Amtrak Station	McCarthy Ranch (McCarthy/Barber)	6:40a – 9:00a 3:10p – 5:15p	60-75	–	No Service	–

Source: VTA, January 2008.

EXISTING VOLUMES AND LANE CONFIGURATIONS

The operations of the key intersections were evaluated during the weekday AM and PM peak hours. Intersection operations were evaluated for the highest one-hour volume counted between 7:00 and 9:00 AM and between 4:00 and 6:00 PM. Available intersection turning movement count data from 2007 and 2008 was used in this analysis. Cities of Milpitas and San Jose staff provided count data where available. For intersections where recent count data was not available, new turning movement counts were conducted in 2008. Traffic counts are included in Appendix A.

Figure 5 presents the existing AM and PM peak-hour turning movement volumes at the study intersections. Figure 6 presents the existing intersection lane configurations and traffic control devices.



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EXISTING TRANSIT SERVICE

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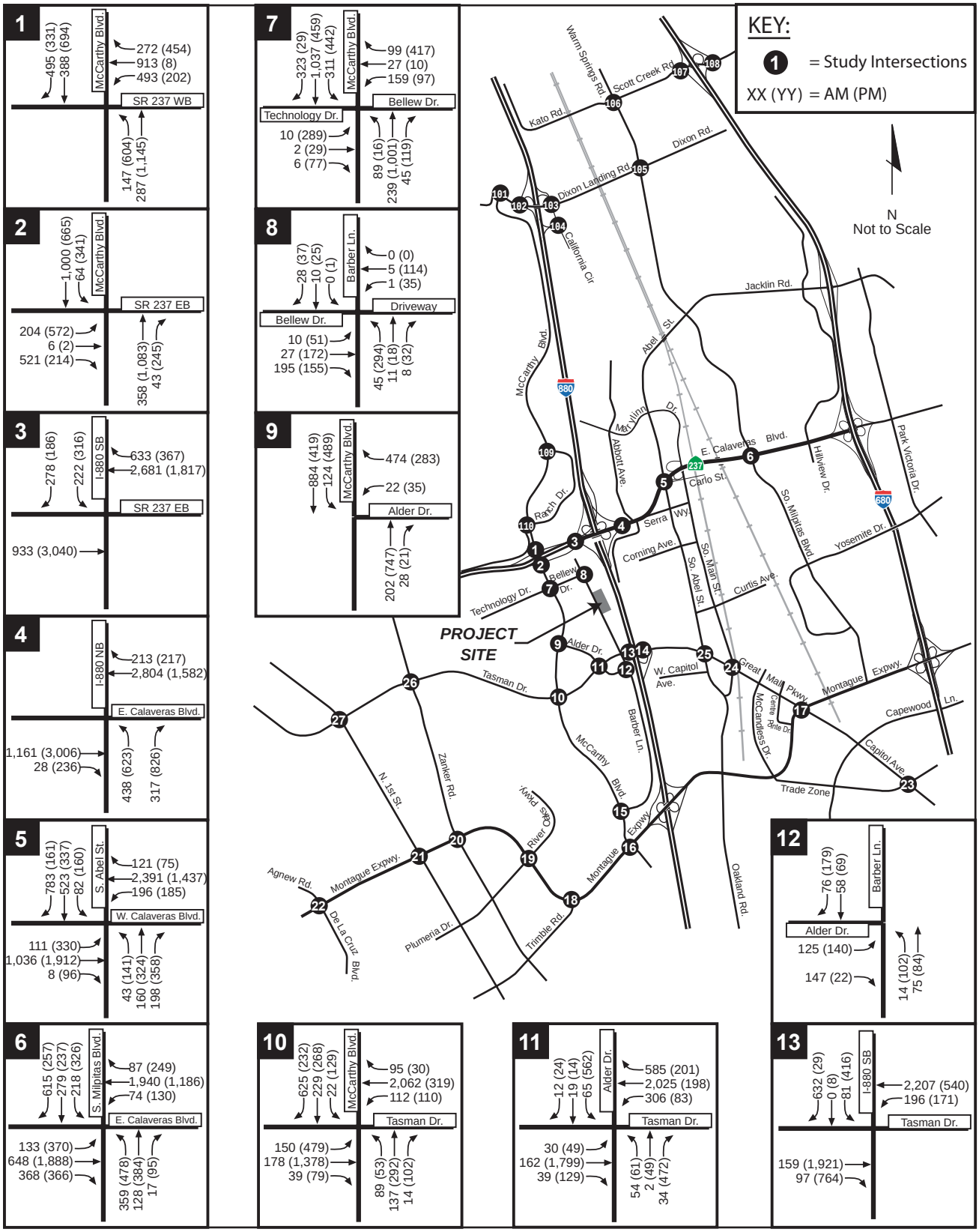
FIGURE 4



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EXISTING PEAK-HOUR INTERSECTION VOLUMES

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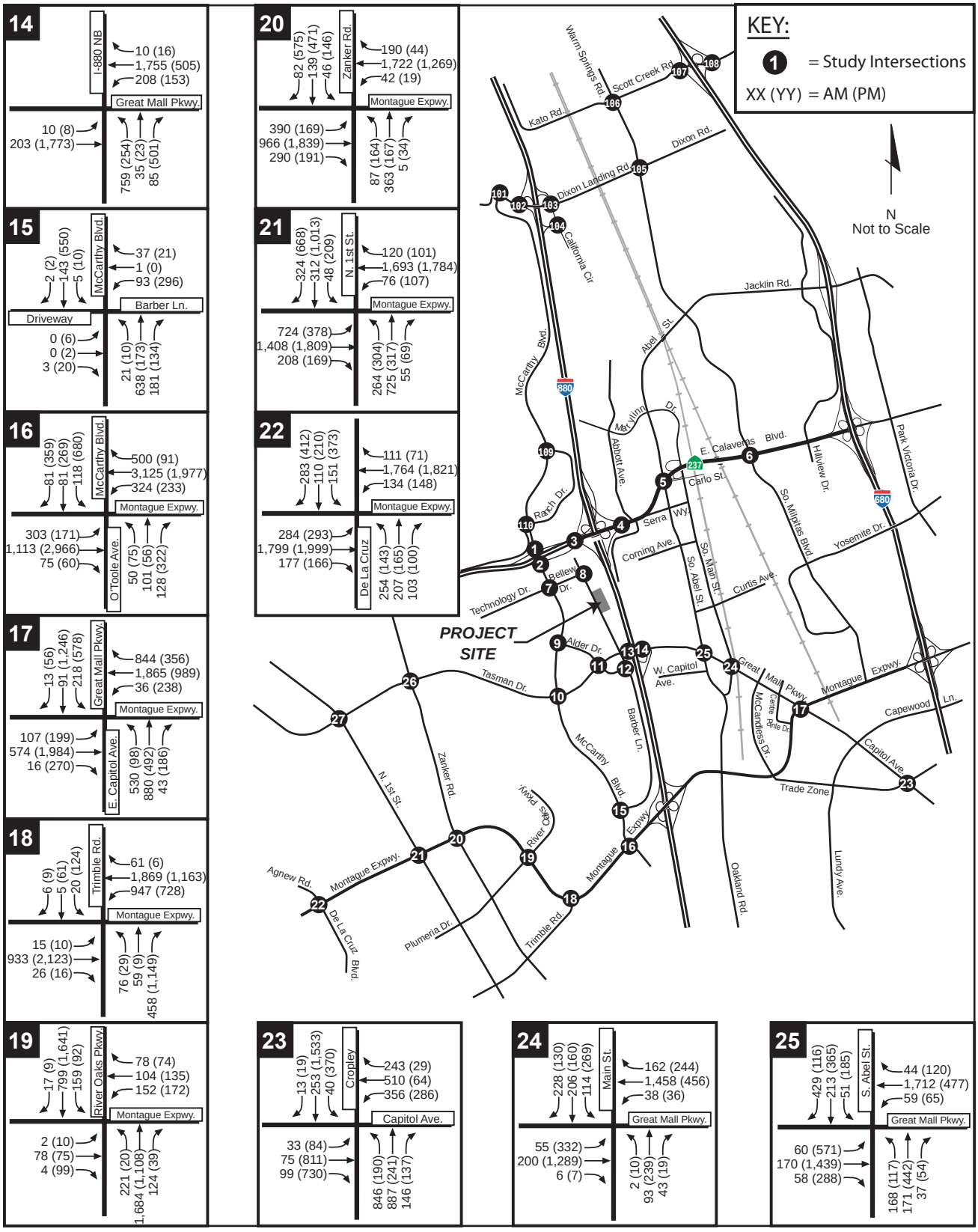
FIGURE 5A



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EXISTING PEAK-HOUR INTERSECTION VOLUMES

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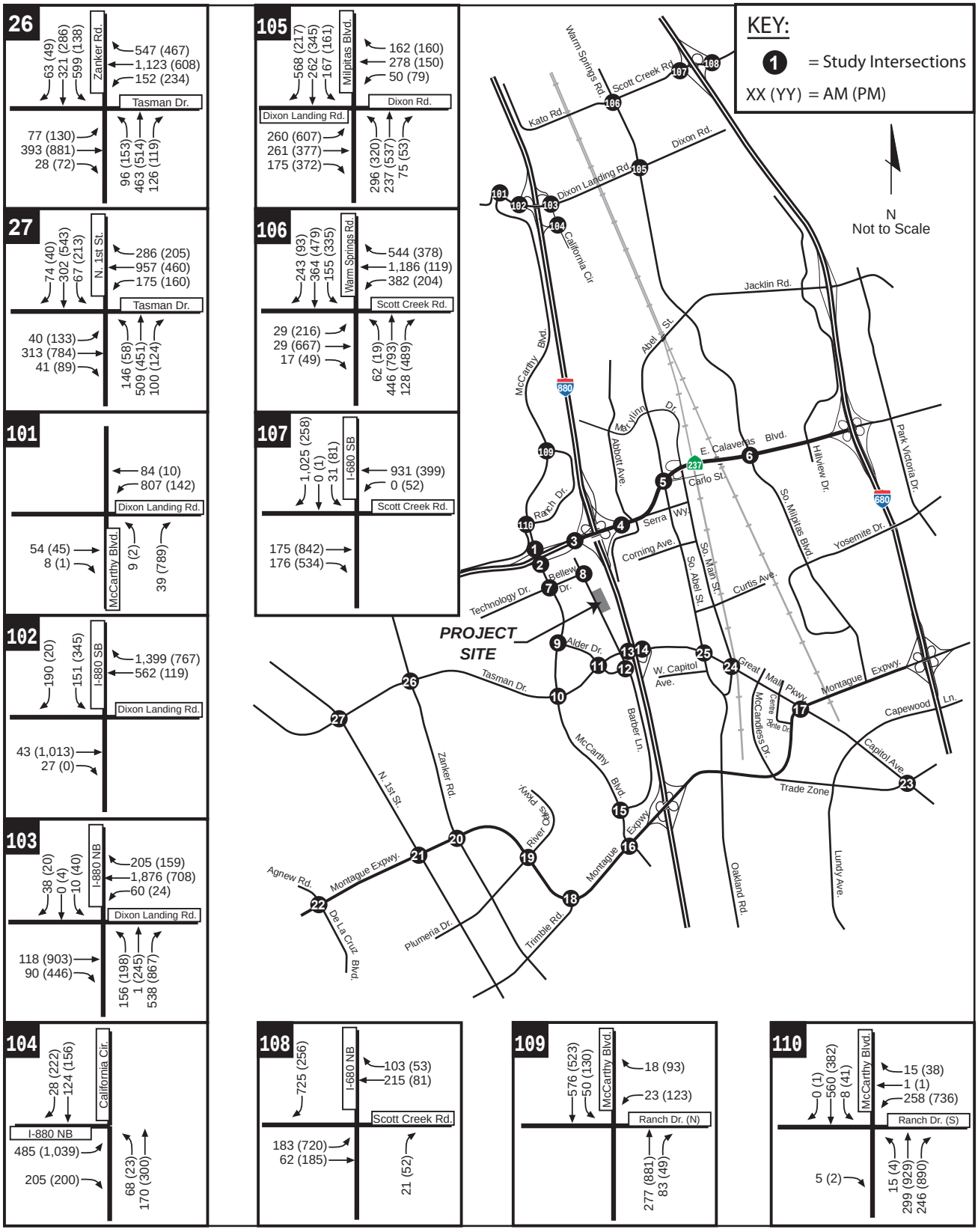
FIGURE 5B



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EXISTING PEAK-HOUR INTERSECTION VOLUMES

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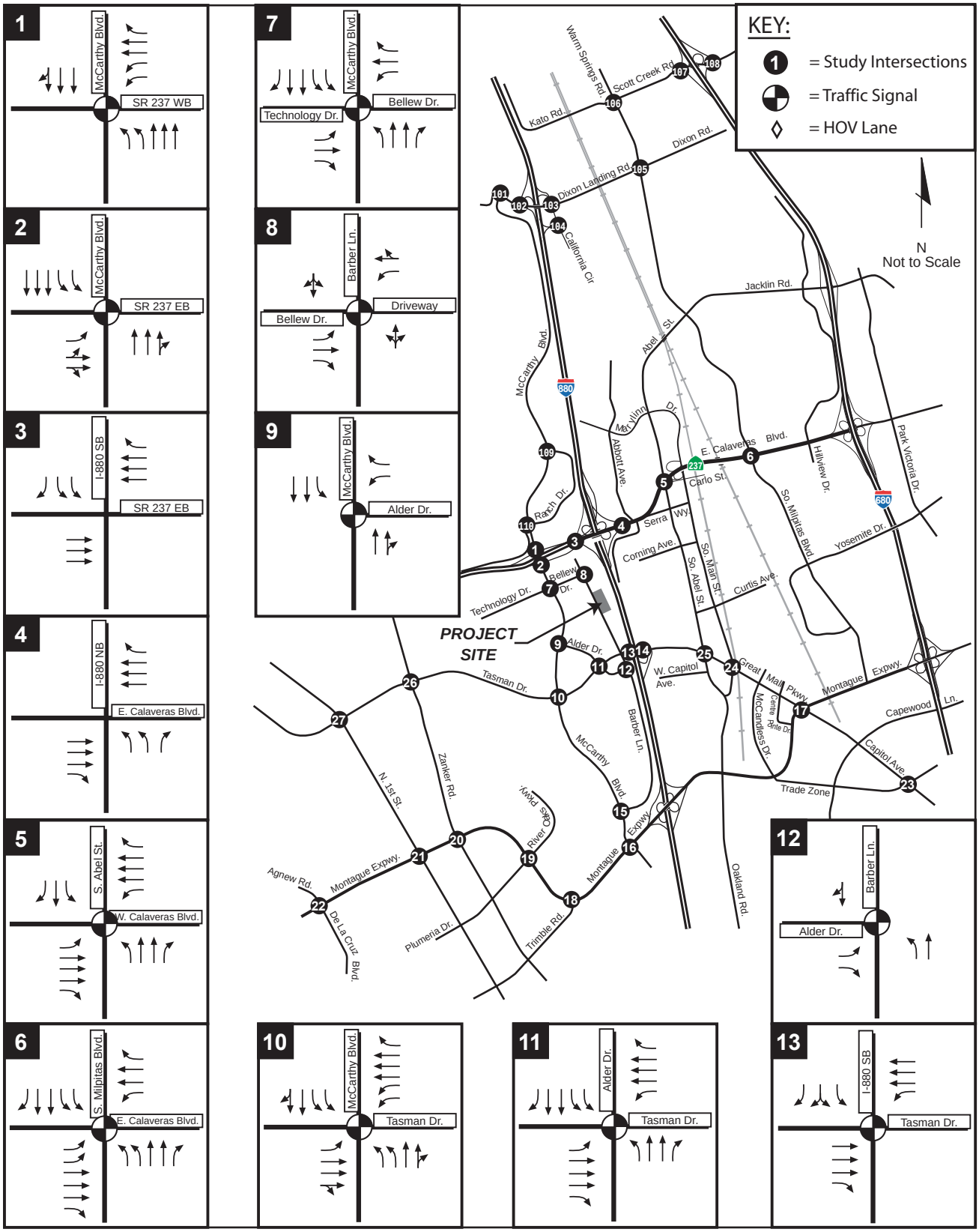
FIGURE 5C



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EXISTING INTERSECTION LANE GEOMETRIES

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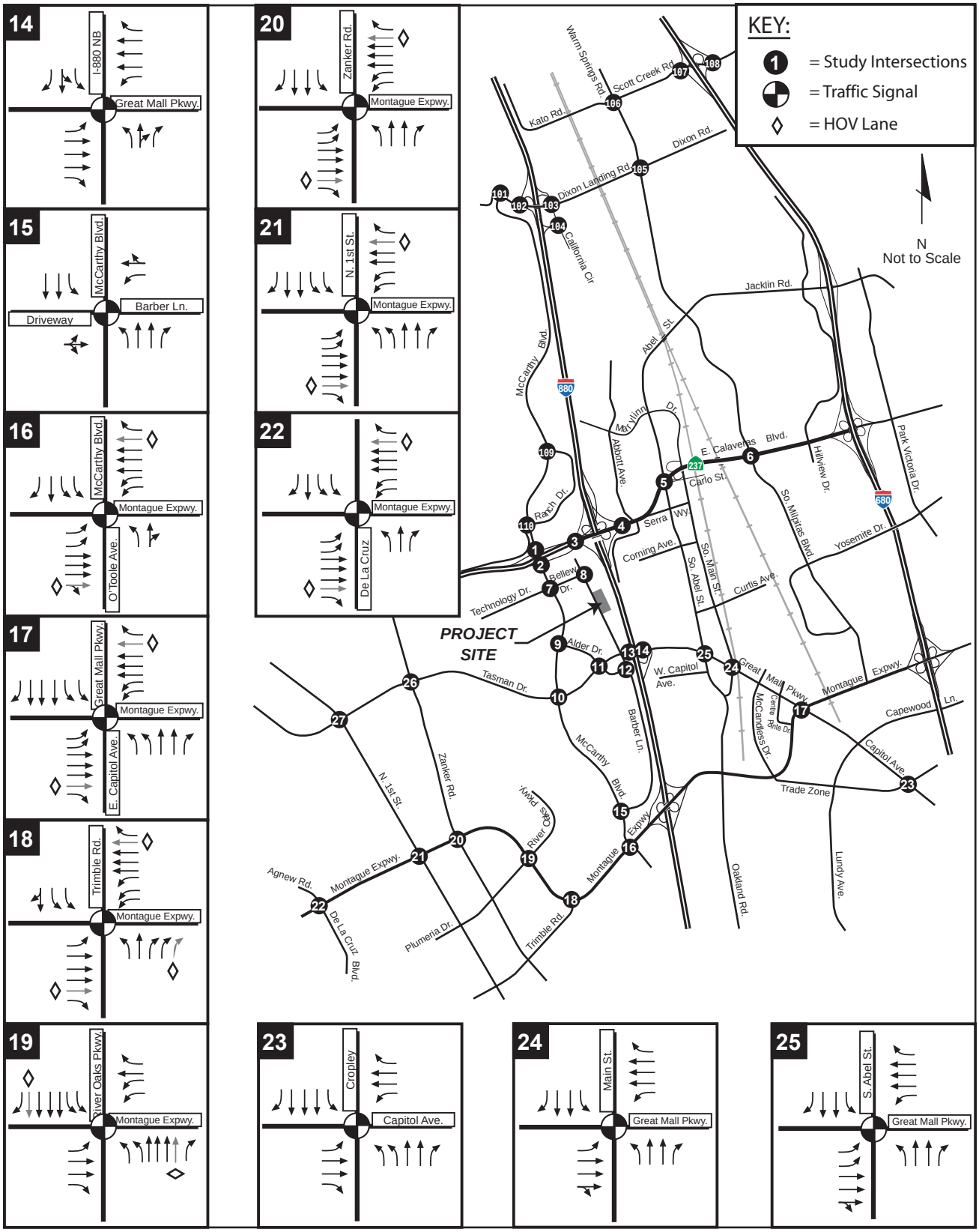
FIGURE 6A



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EXISTING INTERSECTION LANE GEOMETRIES

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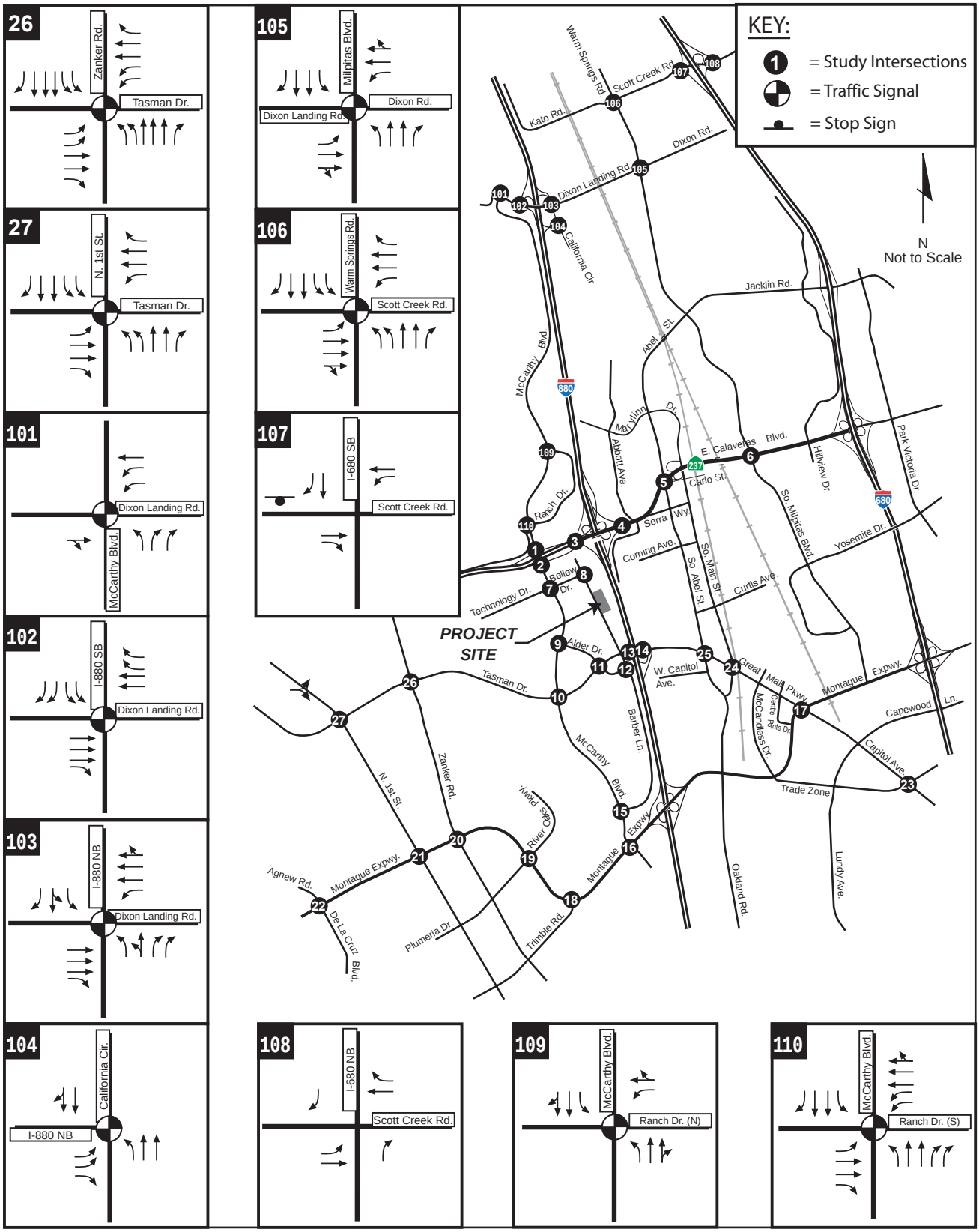
FIGURE 6B



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EXISTING INTERSECTION LANE GEOMETRIES

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FIGURE 6C

LEVEL OF SERVICE METHODS

The operations of roadway facilities are described with the term level of service (LOS). LOS is a qualitative description of traffic flow based on such factors as speed, travel time, delay, and freedom to maneuver. Six levels are defined from LOS A, with the best operating conditions, to LOS F, with the worst operating conditions. LOS E represents "at-capacity" operations. Operations are designated as LOS F when volumes exceed capacity, resulting in stop-and-go conditions.

The Cities of Milpitas and Santa Clara have established a minimum acceptable operating level of LOS D for intersections excluded from the Congestion Management Program (CMP). The minimum acceptable standard for San Jose and Fremont intersections is LOS D. The minimum acceptable level for CMP-monitored intersections is LOS E.

Signalized Intersections

The level of service method approved by the Cities of Milpitas, Santa Clara, San Jose, and VTA analyzes a signalized intersection's operation based on average control vehicular delay, as calculated using the method described in Chapter 16 of the *2000 Highway Capacity Manual* (*HCM*) by the Transportation Research Board, with adjusted saturation flow rates to reflect conditions in Santa Clara County. The City of Fremont intersections were also evaluated using these adjusted saturation flow rates. Control delay includes initial deceleration delay, queue move-up time, stopped delay, and final acceleration delay. The average control delay for signalized intersections is calculated using TRAFFIX analysis software and is correlated to a LOS designation as shown in Table 2.

Unsignalized Intersections

Operations of the unsignalized study intersections are evaluated using the method contained in Chapter 17 of the *2000 HCM* and calculated using TRAFFIX analysis software. LOS ratings for stop-sign controlled intersections are based on the average control delay expressed in seconds per vehicle. At two-way or side-street-stop controlled intersections, control delay is calculated for each movement, not for the intersection as a whole. For approaches composed of a single lane, control delay is computed as the average of all movements in that lane. For all-way stop-controlled locations, a weighted average delay for the entire intersection is presented. Table 3 summarizes the relationship between delay and LOS for unsignalized intersections.

Freeway Segments

Freeway segments are evaluated using VTA's analysis procedure, which is based on the density of the traffic flow using methods described in the *2000 HCM*. Density is expressed in passenger cars per mile per lane. The Congestion Management Program range of densities for freeway segment level of service is shown in Table 4. The LOS standard for the freeway segments is LOS E.

TABLE 2
SIGNALIZED INTERSECTION LEVEL OF SERVICE DEFINITIONS USING AVERAGE CONTROL VEHICULAR DELAY

Level of Service	Description	Average Control Delay Per Vehicle (Seconds)
A	Operations with very low delay occurring with favorable progression and/or short cycle lengths.	≤ 10.0
B+	Operations with low delay occurring with good progression and/or short cycle lengths.	10.1 to 12.0
B		12.1 to 18.0
B-		18.1 to 20.0
C+	Operations with average delays resulting from fair progression and/or longer cycle lengths. Individual cycle failures begin to appear.	20.1 to 23.0
C		23.1 to 32.0
C-		32.1 to 35.0
D+	Operations with longer delays due to a combination of unfavorable progression, long cycle lengths, and high V/C ratios. Many vehicles stop and individual cycle failures are noticeable.	35.1 to 39.0
D		39.1 to 51.0
D-		51.1 to 55.0
E+	Operations with high delay values indicating poor progression, long cycle lengths, and high V/C ratios. Individual cycle failures are frequent occurrences.	55.1 to 60.0
E		60.1 to 75.0
E-		75.1 to 80.0
F	Operations with delays unacceptable to most drivers occurring due to over-saturation, poor progression, or very long cycle lengths.	> 80.0

Source: *Traffic Level of Service Analysis Guidelines*, VTA Congestion Management Program, June 2003; *Highway Capacity Manual*, Transportation Research Board, 2000.

TABLE 3
UNSIGNALIZED INTERSECTION LEVEL OF SERVICE DEFINITIONS

Level of Service	Description	Average Control Delay Per Vehicle (Seconds)
A	Little or no delay.	≤ 10.0
B	Short traffic delays.	10.1 to 15.0
C	Average traffic delays.	15.1 to 25.0
D	Long traffic delays.	25.1 to 35.0
E	Very long traffic delays.	35.1 to 50.0
F	Extreme traffic delays with intersection capacity exceeded.	> 50.0

Source: *Highway Capacity Manual*, Transportation Research Board, 2000.

TABLE 4
FREEWAY SEGMENT LEVEL OF SERVICE DEFINITIONS

Level of Service	Density (passenger cars per mile per lane)
A	≤ 11
B	11.1 to 18.0
C	18.1 to 26.0
D	26.1 to 46.0
E	46.1 to 58.0
F	> 58.0

Sources: *Traffic Level of Service Analysis Guidelines*, VTA Congestion Management Program, June 2003; *Highway Capacity Manual*, Transportation Research Board, 2000.

EXISTING INTERSECTION LEVELS OF SERVICE

Existing intersection lane configurations, signal timings, and peak-hour turning movement volumes were used as inputs for the levels of service calculations. The results of the LOS analysis for Existing Conditions are presented in Table 5. Appendix B contains the corresponding calculation sheets.

The majority of the study intersections operate at acceptable levels of service according to their designated level of service standard. The intersection of SR 237/I-880 Northbound Ramps is operating at LOS E (LOS D standard) during the PM peak hour. Three intersections on Montague Expressway operate below City of San Jose's LOS D standard but are considered acceptable based on the CMP LOS E standard.

TABLE 5
EXISTING INTERSECTION LEVELS OF SERVICE

Intersection	Peak Hour	Count Date	Delay[1]	LOS[2]
1. McCarthy Blvd / SR 237 WB Ramps [M]	AM PM	07/2007 06/2007	16.4 18.1	B B-
2. McCarthy Blvd / SR 237 EB Ramps [M]	AM PM	07/2007 06/2007	16.3 15.1	B B
3. SR 237 / I-880 SB Ramps [M]	AM PM	08/2007 08/2007	11.3 8.4	B+ A
4. Calaveras Blvd (SR237) / I-880 NB Ramps [M]	AM PM	08/2007 08/2007	22.9 69.4	C+ E
5. Calaveras Blvd / Abel Street [CMP/M]	AM PM	11/2006 11/2006	55.4 43.5	E+ D
6. Calaveras Blvd / Milpitas Blvd [CMP/M]	AM PM	11/2006 11/2006	70.2 41.6	E D
7. McCarthy Blvd / Bellew Dr [M]	AM PM	06/2007 06/2007	20.3 32.2	C+ C-
8. Bellew Dr / Barber Ln [M]	AM PM	10/2007 10/2007	11.8 17.2	B+ B
9. McCarthy Blvd / Alder Dr [M]	AM	06/2007	20.5	C+

TABLE 5
EXISTING INTERSECTION LEVELS OF SERVICE

Intersection	Peak Hour	Count Date	Delay[1]	LOS[2]
	PM	06/2007	16.4	B
10. McCarthy Blvd / Tasman Dr [M]	AM	06/2007	51.3	D-
	PM	06/2007	37.5	D+
11. Tasman Dr / Alder Dr [M]	AM	07/2007	14.5	B
	PM	06/2007	46.6	D
12. Barber Ln / Alder Dr [M]	AM	09/2006	13.1	B
	PM	09/2006	15.9	B
13. Tasman Dr / I-880 SB Ramps [M]	AM	08/2007	20.4	C+
	PM	08/2007	19.7	B-
14. Great Mall Parkway / I-880 NB Ramps [M]	AM	08/2007	23.0	C
	PM	08/2007	27.4	C
15. McCarthy Blvd / Barber Ln [M]	AM	10/2007	15.3	B
	PM	10/2007	21.6	C
16. McCarthy Blvd-O'Toole / Montague Expy [CMP/SJ/M]	AM	10/2007	40.8	D
	PM	10/2006	65.1	E
17. Montague Expy / Great Mall Parkway-Capitol Ave [CMP/M]	AM	09/2005	46.6	D
	PM	10/2006	53.6	D-
18. Montague Expy / Trimble Rd [CMP/SJ]	AM	10/2006	27.2	C
	PM	09/2006	38.9	D+
19. Montague Expy / River Oaks Parkway-E. Plumeria Rd [SJ]	AM	03/2008	33.0	C-
	PM	03/2008	28.1	C
20. Montague Expy / Zanker Rd [CMP/SJ]	AM	10/2006	39.9	D-
	PM	09/2006	56.5	E
21. Montague Expy / N. 1st St. [CMP/SJ]	AM	10/2006	54.6	D
	PM	09/2006	72.5	E+
22. Montague Expy / De la Cruz Blvd – Agnew Rd [CMP/SC]	AM	09/2007	40.1	D
	PM	09/2007	41.0	D
23. Capitol Ave / Cropley Dr-Trade Zone Blvd [SJ]	AM	04/2007	35.8	D+
	PM	032007	56.1	E+
24. Great Mall Parkway / Main Street [M]	AM	09/2007	27.9	C
	PM	09/2007	40.7	D
25. Great Mall Parkway / Abel St [M]	AM	09/2007	40.6	D
	PM	09/2007	39.3	D
26. Tasman Dr. / Zanker Rd [SJ]	AM	04/2007	33.5	C-
	PM	04/2007	31.3	C
27. Tasman Dr. / N. 1st St. [SJ]	AM	03/2007	31.2	C
	PM	03/2007	37.0	D+
101. Dixon Landing Rd / McCarthy Blvd [F]	AM	06/2007	9.7	A
	PM	06/2007	7.9	A
102. Dixon Landing Rd / I-880 SB Ramps [M]	AM	05/2007	9.5	A
	PM	04/2007	9.2	A
103. Dixon Landing Rd / I-880 NB Ramps – California Circle [M]	AM	04/2007	16.6	B
	PM	04/2007	20.8	C+
104. California Circle / I-880 NB Ramps [M]	AM	06/2007	12.2	B
	PM	06/2007	14.6	B
105. Dixon Landing Rd / N. Milpitas Blvd [M]	AM	03/2007	52.3	D-
	PM	03/2007	50.1	D

TABLE 5
EXISTING INTERSECTION LEVELS OF SERVICE

Intersection	Peak Hour	Count Date	Delay[1]	LOS[2]
106. Scott Creek Rd. / Warm Springs Blvd. [F]	AM PM	06/2007 06/2007	27.5 36.0	C D+
107. Scott Creek Rd. / I-680 SB Ramps [Unsignalized] [F]	AM PM	03/2007 03/2007	18.4 13.5	C B
108. Scott Creek Rd. / I-680 NB Ramps [Unsignalized] [F]	AM PM	03/2007 03/2007	8.0 9.4	A A
109. McCarthy Blvd / Ranch Dr North [M]	AM PM	06/2007 06/2007	6.8 11.3	A B+
110. McCarthy Blvd / Ranch Dr South [M]	AM PM	06/2007 06/2007	12.8 15.6	B B

Notes:

1 Whole intersection weighted average control delay expressed in seconds per vehicle calculated using methods described in the *2000 HCM*, with adjusted saturation flow rates to reflect Santa Clara County Conditions for signalized intersections. Total control delay for the worst movement is presented for side-street stop-controlled intersections.

2 LOS = Level of service. LOS calculations conducted using the TRAFFIX level of service analysis software package.

(CMP) Congestion Management Program intersection, (F) City of Fremont intersection, (M) City of Milpitas intersection, (SC) City of Santa Clara intersection, (SJ) City of San Jose intersection

EXISTING FREEWAY SEGMENT LEVELS OF SERVICE

Freeway segment densities reported in VTA's *2006 Monitoring and Conformance Report* were used to calculate the levels of service for the key freeway segments during the AM and PM peak hours. The results of the LOS analysis for Existing Conditions are presented in Table 6.

The following eleven (11) segments are operating at unacceptable levels (LOS F):

- I-880 Northbound, Dixon Landing Road to Mission Boulevard (PM peak hour)
- I-880 Northbound, SR 237 to Dixon Landing Road (PM peak hour)
- I-880 Southbound, Great Mall Parkway to Montague Expressway (PM peak hour)
- I-880 Southbound, Montague Expressway to Brokaw Road (PM peak hour)
- SR 237 Westbound, I-880 to Zanker Road (AM peak hour)
- SR 237 Westbound, McCarthy Boulevard to Zanker Road (AM and PM peak hours)
- I-680 Northbound, Calaveras Boulevard to Jacklin Road (PM peak hour)
- I-680 Northbound, Jacklin Road to Scott Creek Road (PM peak hour)
- I-680 Northbound, Scott Creek Road to Mission Boulevard (PM peak hour)
- I-680 Southbound, Yosemite Drive to Montague Expressway (PM peak hour)

- I-680 Southbound, Montague Expressway to Capitol Avenue (PM peak hour).

TABLE 6
EXISTING FREEWAY SEGMENT LEVELS OF SERVICE

Freeway	Direction	From	To	Peak Hour	Lanes	Density[1]	LOS[2]
I-880	Northbound	Brokaw Road	Montague Expressway	AM	3	31	D
				PM	3	26	C
		Montague Expressway	Great Mall Parkway	AM	3	26	C
				PM	3	26	C
		Great Mall Parkway	SR 237	AM	3	31	D
				PM	3	46	D
		SR 237	Dixon Landing Road	AM	4	35	D
				PM	4	112	F
		Dixon Landing Road	Mission Blvd. (SR 262)[3]	AM	3	38	D
				PM	3	107	F
	Southbound	Mission Blvd. (SR 262)	Dixon Landing Road[3]	AM	3	43	D
				PM	3	24	C
		Dixon Landing Road	SR 237	AM	4	45	D
				PM	4	23	C
		SR 237	Great Mall Parkway	AM	3	22	C
				PM	3	21	C
		Great Mall Parkway	Montague Expressway	AM	3	29	D
				PM	3	85	F
		Montague Expressway	Brokaw Road	AM	3	26	C
				PM	3	80	F
SR 237[4]	Eastbound	Zanker Road	McCarthy Boulevard	AM	2	26	C
				PM	2	42	D
		McCarthy Boulevard	I-880	AM	2	15	B
				PM	2	54	E
	Westbound	I-880	McCarthy Boulevard	AM	2	164	F
				PM	2	29	D
		McCarthy Boulevard	Zanker Road	AM	2	147	F
				PM	2	94	F
I-680[4]	Northbound	Capitol Avenue	Montague Expressway	AM	4	39	D
				PM	4	22	C
		Montague Expressway	Yosemite Drive	AM	4	30	D
				PM	4	28	D
		Yosemite Drive	Calaveras Blvd. (SR 237)	AM	4	48	E
				PM	4	44	D

TABLE 6
EXISTING FREEWAY SEGMENT LEVELS OF SERVICE

Freeway	Direction	From	To	Peak Hour	Lanes	Density[1]	LOS[2]
		Calaveras Blvd. (SR 237)	Jacklin Road	AM PM	3 3	41 95	D F
		Jacklin Road	Scott Creek Road	AM PM	3 3	35 80	D F
		Scott Creek Road	Mission Blvd. (SR 262)[3]	AM PM	3 3	33 73	D F
	Southbound	Mission Blvd. (SR 262)	Scott Creek Road[3]	AM PM	3 3	38 28	D D
		Scott Creek Road	Jacklin Road	AM PM	3 3	33 29	D D
		Jacklin Road	Calaveras Blvd. (SR 237)	AM PM	3 3	36 28	D D
		Calaveras Blvd. (SR 237)	Yosemite Drive	AM PM	4 4	25 53	C E
		Yosemite Drive	Montague Expressway	AM PM	4 4	31 92	D F
		Montague Expressway	Capitol Avenue	AM PM	4 4	23 98	C F

Notes:

1 Measured in passenger cars per mile per lane.

2 LOS = level of service.

3 Density is calculated by using the travel speed from the adjacent segment, as well as the volume (flow) from the adjacent segment adjusted by the volume entering/exiting the freeway at the interchange.

4 The high-occupancy vehicle (HOV) lanes were not analyzed because project traffic is expected to utilize the mixed-flow lanes while entering and exiting the freeway.

Source: VTA, December 2006.

FIELD OBSERVATIONS

Field observations of the key intersections were conducted in August, September, and December 2007 to verify the calculated operations. In general, the observations indicated that most of the study intersections are operating at or near the calculated levels of service.

During the AM peak period, westbound traffic on Calaveras Boulevard queued back from the I-880 northbound and southbound interchange intersections to the upstream intersections. The high traffic volume limited the ability of vehicles on the I-880 southbound off-ramp to turn right on red. Queues at the other study intersections were less substantial.

During the PM peak period, eastbound traffic on Calaveras Boulevard queued back from the I-880 northbound interchange intersection over the freeway towards the preceding intersection. The high traffic volume limited the ability of vehicles on the I-880 northbound off-ramp to turn right on red. In addition, eastbound traffic on Tasman Drive queued out of the left-turn pocket at McCarthy Boulevard and blocked through traffic. Queues at the other study intersections did not have a substantial effect on traffic flow.

During the PM peak period, eastbound vehicles turning left from Great Mall Parkway to Montague Expressway queued to the upstream intersection at Great Mall Parkway/Centre Pointe Drive. Congestion in the eastbound direction was observed throughout the Montague Expressway corridor.

Barber Lane had low traffic volumes, no noticeable congestion, and few turning movement conflicts. On-street parking, which is restricted to the east side of the street, was heavily utilized during the lunch hour. However, few cars were parked on the street during the PM peak hour.

3. BACKGROUND CONDITIONS

This chapter discusses the operations of the key intersections with existing traffic volumes plus traffic generated from surrounding projects that have been approved but not yet constructed or occupied. Background Conditions serve as the basis for identifying project impacts.

BACKGROUND TRAFFIC ESTIMATES

Traffic volumes for Background Conditions were estimated by adding traffic generated by approved but not yet constructed or occupied developments to existing traffic volumes. A list of approved projects and their available traffic projections was provided by Milpitas and San Jose City staff. Traffic associated with Phase 1 of the North San Jose development plan was included in this scenario. Figure 7 illustrates the traffic volumes at the key intersections under Background Conditions.

BACKGROUND ROADWAY IMPROVEMENTS

Montague Expressway will be widened from six to eight lanes between Centre Pointe Drive and I-680 to provide three mixed-flow lanes and one HOV lane in each direction. The HOV lanes are expected to operate in both directions during AM and PM commute periods on Montague Expressway at Great Mall Parkway.

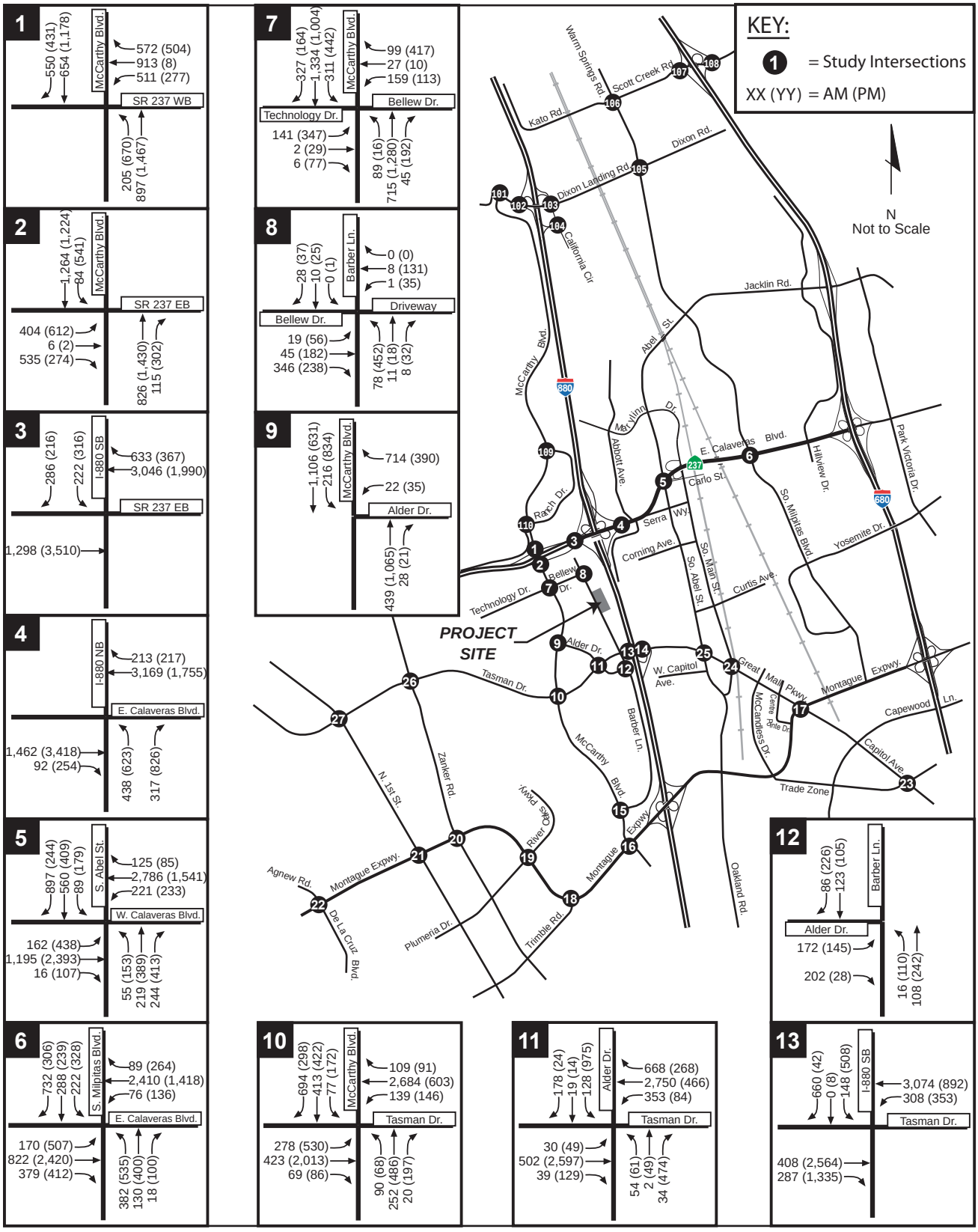
The County of Santa Clara is planning to construct a flyover to serve westbound Montague Expressway to southbound Trimble Road. No other background improvements were identified at the other study intersections.

BACKGROUND INTERSECTION LEVELS OF SERVICE

Level-of-service calculations were conducted for the key intersections to evaluate their operations under Background Conditions. The results of the LOS analysis are presented in Table 7. Appendix B contains the corresponding calculation sheets.

The following 14 intersections are projected to exceed their LOS standards and operate at unacceptable levels:

- Calaveras Boulevard / I-880 SB Ramps (LOS F, PM peak)
- W. Calaveras Boulevard / Abel Street (LOS F, AM peak)
- E. Calaveras Boulevard / S. Milpitas Boulevard (LOS F, AM peak)
- Alder Drive / McCarthy Boulevard (LOS E, PM peak)
- McCarthy Boulevard / Tasman Drive (LOS F, AM peak)
- Alder Drive / Tasman Drive (LOS F, PM peak)
- Tasman Drive / I-880 SB Ramps (LOS E, PM peak)
- Great Mall Parkway / I-880 NB Ramps (LOS E, AM peak; LOS E+, PM peak)
- McCarthy Boulevard-O'Toole Avenue / Montague Expressway (LOS F, PM peak)



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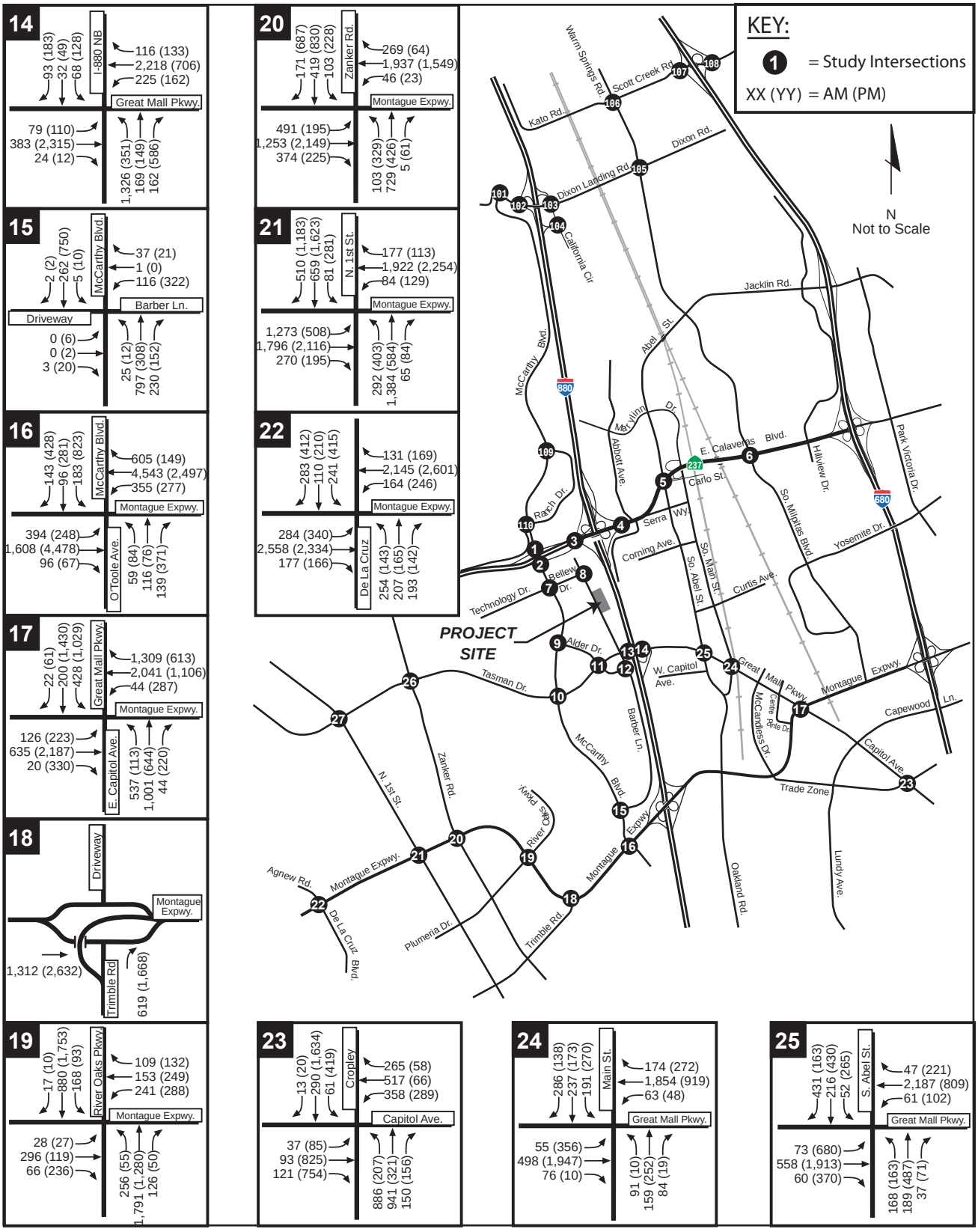
BACKGROUND PEAK-HOUR INTERSECTION VOLUMES

April 2008
SJ06-869

FIGURE 7A



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BACKGROUND PEAK-HOUR INTERSECTION VOLUMES

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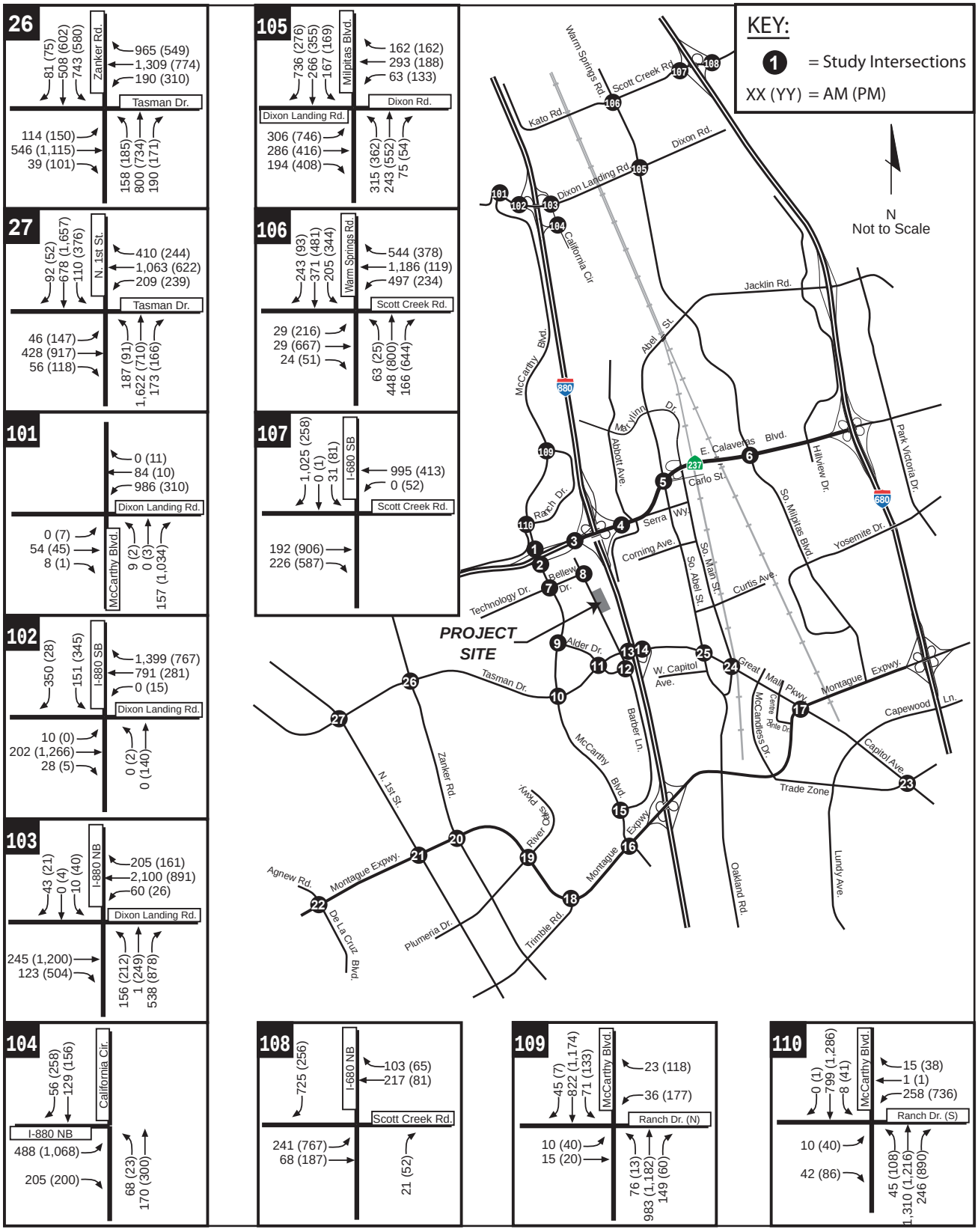
FIGURE 7B



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BACKGROUND PEAK-HOUR INTERSECTION VOLUMES

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FIGURE 7C

- Montague Expressway / Great Mall Parkway-Capitol Avenue (LOS F, PM peak)
- Montague Expressway/ Zanker Road (LOS E, PM peak)
- Montague Expressway / First Street (LOS F, AM and PM peak)
- Capitol Avenue / Cropley Drive – Trade Zone Boulevard (LOS E, PM peak)
- Dixon Landing Road / N. Milpitas Boulevard (LOS E, AM and PM peak)

TABLE 7
BACKGROUND INTERSECTION LEVELS OF SERVICE

Intersection	Peak Hour	Delay[1]	LOS[2]
1. McCarthy Blvd / SR 237 WB Ramps [M]	AM PM	17.9 24.9	B C
2. McCarthy Blvd / SR 237 EB Ramps [M]	AM PM	15.9 16.6	B B
3. SR 237 / I-880 SB Ramps [M]	AM PM	11.2 9.5	B+ A
4. Calaveras Blvd (SR237) / I-880 NB Ramps [M]	AM PM	22.6 89.3	C+ F
5. Calaveras Blvd / Abel Street [CMP/M]	AM PM	89.2 53.0	F D-
6. Calaveras Blvd / Milpitas Blvd [CMP/M]	AM PM	127.0 45.7	F D
7. McCarthy Blvd / Bellew Dr [M]	AM PM	24.0 51.1	C D-
8. Bellew Dr / Barber Ln [M]	AM PM	10.9 18.5	B+ B-
9. McCarthy Blvd / Alder Dr [M]	AM PM	17.2 61.5	B E
10. McCarthy Blvd / Tasman Dr [M]	AM PM	108.0 43.1	F D
11. Tasman Dr / Alder Dr [M]	AM PM	21.4 137.0	C+ F
12. Barber Ln / Alder Dr [M]	AM PM	14.0 13.7	B B
13. Tasman Dr / I-880 SB Ramps [M]	AM PM	23.0 61.7	C+ E
14. Great Mall Parkway / I-880 NB Ramps [M]	AM PM	61.0 58.7	E E+
15. McCarthy Blvd / Barber Ln [M]	AM PM	17.3 24.0	B C
16. McCarthy Blvd-O'Toole / Montague Expy [CMP/SJ/M]	AM PM	53.4 116.3	D- F
17. Montague Expy / Great Mall Parkway-Capitol Ave [CMP/M]	AM PM	79.8 96.6	E- F
18. Montague Expy / Trimble Rd [CMP/SJ]	AM PM	26.2 38.9	C D+
19. Montague Expy / River Oaks Parkway-E. Plumeria Rd [SJ]	AM	44.0	D

TABLE 7
BACKGROUND INTERSECTION LEVELS OF SERVICE

Intersection	Peak Hour	Delay[1]	LOS[2]
	PM	43.7	D
20. Montague Expy / Zanker Rd [CMP/SJ]	AM	50.8	D
	PM	71.8	E
21. Montague Expy / N. 1st St. [CMP/SJ]	AM	146.0	F
	PM	> 150	F
22. Montague Expy / De la Cruz Blvd – Agnew Rd [CMP/SC]	AM	40.3	D
	PM	47.6	D
23. Capitol Ave / Cropley Dr-Trade Zone Blvd [SJ]	AM	36.4	D+
	PM	62.1	E
24. Great Mall Parkway / Main Street [M]	AM	31.8	C
	PM	39.6	D
25. Great Mall Parkway / Abel St [M]	AM	41.2	D
	PM	44.8	D
26. Tasman Dr. / Zanker Rd [SJ]	AM	39.5	D
	PM	39.1	D
27. Tasman Dr. / N. 1st St. [SJ]	AM	39.9	D
	PM	49.0	D
101. Dixon Landing Rd / McCarthy Blvd [F]	AM	10.0	B+
	PM	9.4	A
102. Dixon Landing Rd / I-880 SB Ramps [M]	AM	9.9	A
	PM	7.8	A
103. Dixon Landing Rd / I-880 NB Ramps – California Circle [M]	AM	16.9	B
	PM	21.5	C+
104. California Circle / I-880 NB Ramps [M]	AM	12.6	B
	PM	15.3	B
105. Dixon Landing Rd / N. Milpitas Blvd [M]	AM	67.0	E
	PM	62.2	E
106. Scott Creek Rd. / Warm Springs Blvd. [F]	AM	28.1	C
	PM	36.3	D+
107. Scott Creek Rd. / I-680 SB Ramps [Unsignalized] [F]	AM	19.8	C
	PM	13.6	B
108. Scott Creek Rd. / I-680 NB Ramps [Unsignalized] [F]	AM	8.2	A
	PM	9.5	A
109. McCarthy Blvd / Ranch Dr North [M]	AM	11.6	B+
	PM	14.0	B
110. McCarthy Blvd / Ranch Dr South [M]	AM	14.6	B
	PM	20.9	C+

Notes:

1 Whole intersection weighted average control delay expressed in seconds per vehicle calculated using methods described in the *2000 HCM*, with adjusted saturation flow rates to reflect Santa Clara County Conditions for signalized intersections. Total control delay for the worst movement is presented for side-street stop-controlled intersections.

2 LOS = Level of service. LOS calculations conducted using the TRAFFIX level of service analysis software package.

(CMP) Congestion Management Program intersection, (F) City of Fremont intersection, (M) City of Milpitas intersection,
(SC) City of Santa Clara intersection, (SJ) City of San Jose intersection

4. PROJECT CONDITIONS

The impacts of the proposed project on the surrounding roadway system are discussed in this chapter. First, the method used to estimate the amount of traffic generated by the project is described. Then, the results of the level of service calculations for Project Conditions are presented. Project Conditions are defined as Background Conditions plus traffic generated by the proposed project. A comparison of intersection operations under Background and Project Conditions are presented and the impacts of the project on the study intersections are discussed. Site access, on-site circulation, and parking are addressed in this chapter.

PROJECT TRAFFIC ESTIMATES

The amount of traffic added to the roadway system by the proposed development is estimated using a three-step process: (1) trip generation, (2) trip distribution, and (3) trip assignment. The first step estimates the amount of added traffic to the roadway network. The second step estimates the direction of travel to and from the project site. The trips are assigned to specific street segments and intersection turning movements during the third step. The results of this process for the proposed project are described in the following sections.

Trip Generation

The amount of traffic added to the surrounding roadway system by the proposed project was estimated by applying the appropriate trip generation rates to the development proposal. Trip generation rates for Condominium, Office, and Specialty Retail land uses identified in *San Diego Traffic Generators* (San Diego Association of Governments, April 2002) were used to estimate project trip generation. The rates are presented in Table 7.

According to VTA guidelines (*Transportation Impact Analysis Guidelines*, May 1998), reductions may be applied to the trip estimates for mixed-use projects and for sites that are located in close proximity to transit facilities. The following mixed-use reductions were applied:

- 13% reduction for retail and housing
- 3% reduction for employment and retail
- 3% reductions for employment and housing

VTA specifies reductions that may be applied for development located within a maximum 2,000-foot walk of light rail, Caltrain, and major bus lines. The project does not qualify for this reduction because it is located approximately 2,500 feet from the I-880/Milpitas Light-Rail Station, which is located at the Tasman Drive/Alder Drive intersection.

In addition, a 25-percent reduction for diverted-link trips was applied to the retail use to account for vehicles that are already traveling on the roadways adjacent to the project site. These trips are included in the analysis of traffic that enters and exits the project site but are not considered “new” trips that are added to the street system by the project.

The project trip generation estimates are presented in Table 8. The proposed project is estimated to generate 9,454 net new daily trips, 449 net new AM peak-hour trips (224 inbound and 225 outbound) and 736 net new PM peak-hour trips (389 inbound and 347 outbound).

TABLE 8
PROJECT TRIP GENERATION RATES AND ESTIMATES

Land Use	Size (sf or units)	Daily	AM Peak Hour			PM Peak Hour		
			In	Out	Total	In	Out	Total
Trip Rates								
Condominium	1	8	0.128	0.512	0.64	0.56	0.24	0.80
Standard Commercial Office	1,000	20	2.53	0.28	2.80	0.52	2.08	2.60
Specialty Retail/Strip Commercial	1,000	40	0.72	0.48	1.20	1.80	1.80	3.60
Trip Estimates								
Retail	148.805	5,952	107	72	179	268	268	536
Housing-Retail Reduction (13% off housing)[1]		-390	-14	-9	-23	-12	-27	-39
Employment-Retail Reduction (3% off office)		-29	0	-4	-4	-3	-1	-4
Diverted Link Trips (25% off retail)		-1,488	-23	-22	-45	-67	-66	-133
Net Retail Trips		*5,952*	*70*	*37*	*107*	*186*	*174*	*360*
Office	48.960	979	123	14	137	25	102	127
Housing-Employment Reduction (3% off office)		-29	-4	0	-4	-1	-3	-4
Employment-Retail Reduction (3% off office)		-29	-4	0	-4	-1	-3	-4
Net Office Trips		*921*	*115*	*14*	*129*	*23*	*96*	*119*
Condominiums	375	3,000	48	192	240	210	90	300
Housing-Employment Reduction (3% off office)		-29	0	-4	-4	-3	-1	-4
Housing-Retail Reduction (13% off housing)[1]		-390	-9	-14	-23	-27	-12	-39
Net Residential Trips		*2,581*	*39*	*174*	*213*	*180*	*77*	*257*
Net Total Trips		**9,454**	**224**	**225**	**449**	**389**	**347**	**736**

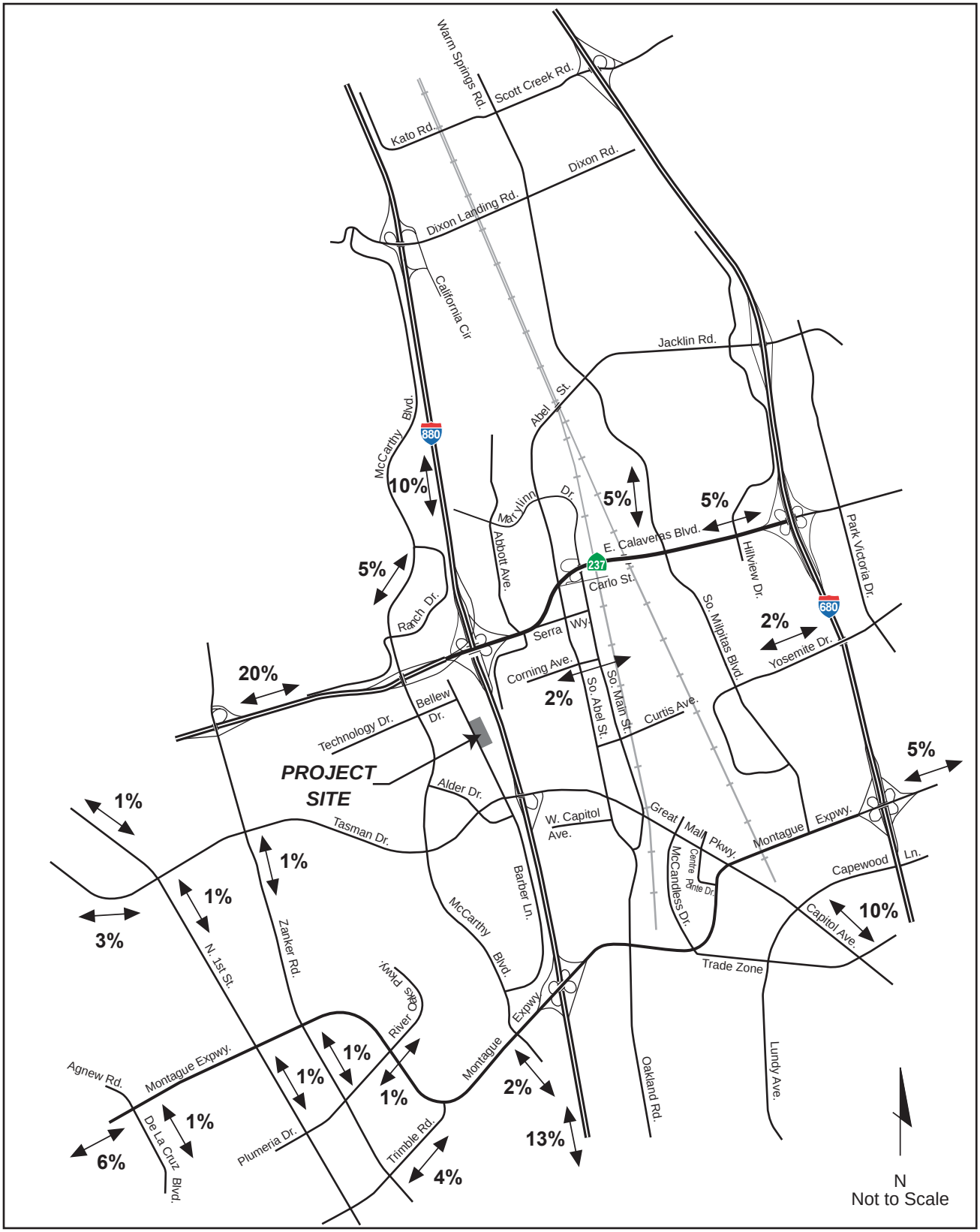
Note:

1 Housing-retail reduction taken off the smaller trip generator. Housing is the smaller generator for daily and PM peak hour trips; Retail is the smaller generator during the AM peak hour.

Source: *San Diego Traffic Generators*, SANDAG, April 2002.

Trip Distribution

The directions of approach and departure for the proposed project were estimated using VTA's travel demand forecasting model, existing travel patterns, and the relative locations of complementary land uses. The major directions of approach and departure form the trip distribution pattern for the project's residential, commercial, and office components, as illustrated in Figures 8, 9 and 10, respectively.



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RESIDENTIAL TRIP DISTRIBUTION

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FIGURE 8

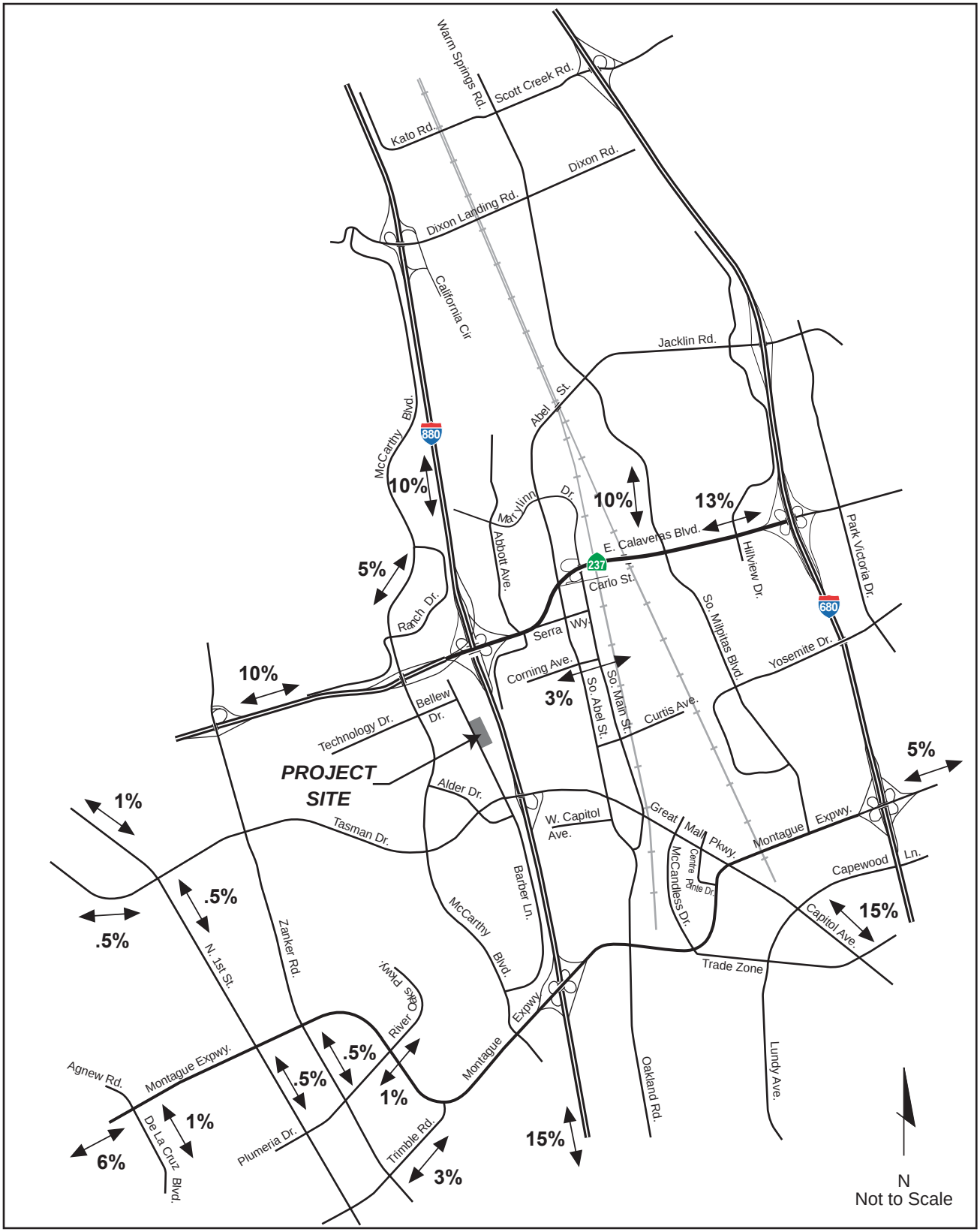

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FIGURE 9

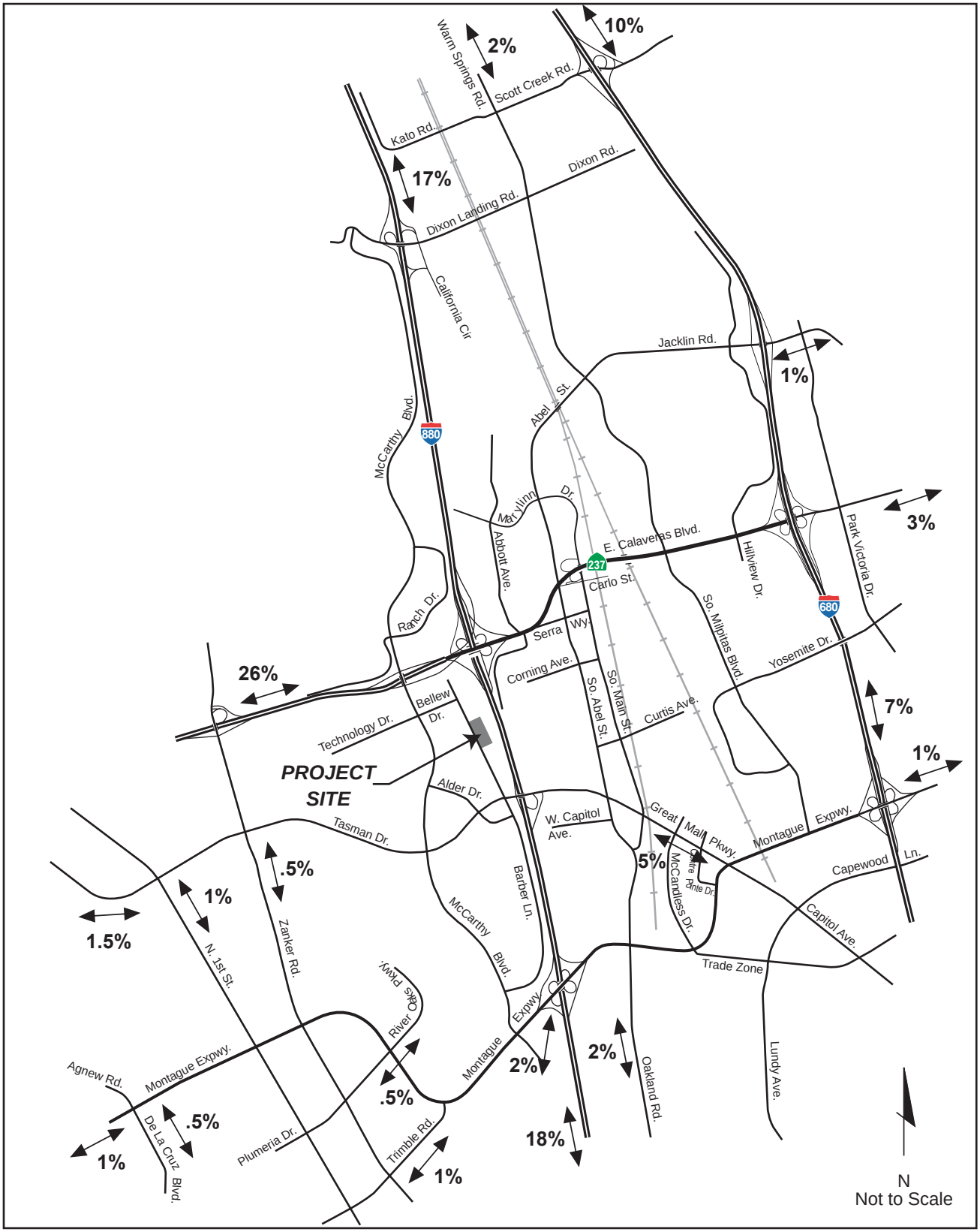

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FIGURE 10

Trip Assignment

The trips generated by the project were assigned to the roadway system based on the directions of approach and departure discussed above. Figure 11 shows the AM and PM peak-hour project trips assigned to each turning movement at the study intersections. Project trips were added to background traffic volumes to establish intersection volumes for Project Conditions, as shown in Figure 11.

PROJECT INTERSECTION LEVELS OF SERVICE

The results of the intersection level of service calculations for Project Conditions are presented in Table 8. Appendix B contains the corresponding calculation sheets. The results for Background Conditions are included for comparison purposes, along with the projected increases in critical delay and critical volume-to-capacity (V/C) ratios. Critical delay represents the delay associated with the critical movements of the intersection, or the movements that require the most "green time" and have the greatest effect on overall intersection operations. The changes in critical delay and critical V/C ratio between Background and Project Conditions are used to identify significant impacts.

AM & PM Peak Hour

The addition of project traffic will degrade the level of service rating at McCarthy Boulevard/Bellew Drive to an unacceptable level and exacerbate unacceptable operations at the 14 intersections identified under Background Conditions.

TABLE 9
PROJECT INTERSECTION LEVELS OF SERVICE

Intersection	Peak Hour	Background		Project				Mitigated Project	
		Delay[1]	LOS[2]	Delay[1]	LOS[2]	Δ in Crit. V/C[3]	Δ in Crit. Delay[4]	Delay[1]	LOS[2]
1. McCarthy Blvd / SR 237 WB Ramps [M]	AM	17.9	B	18.1	B-	0.013	0.3		
	PM	24.9	C	25.4	C	0.008	1.1		
2. McCarthy Blvd / SR 237 EB Ramps [M]	AM	15.9	B	16.5	B	0.052	1.0		
	PM	16.6	B	17.4	B	0.053	1.5		
3. SR 237 / I-880 SB Ramps [M]	AM	11.2	B+	12.0	B	0.025	1.1		
	PM	9.5	A	10.9	B+	0.043	2.2		
4. Calaveras Blvd (SR237) / I-880 NB Ramps [M]	AM	22.6	C+	22.8	C+	0.009	0.2	22.8	C+
	PM	89.3	F	**92.8**	**F**	**0.014**	**6.0**	42.8	D
5. Calaveras Blvd / Abel Street [CMP/M]	AM	89.2	F	91.6	F	0.009	4.0		
	PM	53.0	D-	54.1	D-	0.011	1.3		
6. Calaveras Blvd / Milpitas Blvd [CMP/M]	AM	127.0	F	**130.5**	**F**	**0.013**	**5.3**	78.2	E-
	PM	45.7	D	46.3	D	0.016	1.5	44.9	D
7. McCarthy Blvd / Bellew Dr [M]	AM	24.0	C	24.7	C	0.003	1.9	24.1	C
	PM	51.1	D-	**76.3**	**E-**	**0.091**	**43.6**	48.6	D

TABLE 9
PROJECT INTERSECTION LEVELS OF SERVICE

Intersection	Peak Hour	Background		Project				Mitigated Project	
		Delay[1]	LOS[2]	Delay[1]	LOS[2]	Δ in Crit. V/C[3]	Δ in Crit. Delay[4]	Delay[1]	LOS[2]
8. Bellew Dr / Barber Ln [M]	AM	10.9	B+	13.3	B	0.210	29.2	13.2	B
	PM	18.5	B-	**68.6**	**E**	**0.178**	**79.5**	51.8	D-
9. McCarthy Blvd / Alder Dr [M]	AM	17.2	B	17.2	B	0.000	0.0		
	PM	61.5	E	62.0	E	0.002	0.9		
10. McCarthy Blvd / Tasman Dr [M]	AM	108.0	F	109.0	F	0.003	1.5		
	PM	43.1	D	43.2	D	0.005	0.2		
11. Tasman Dr / Alder Dr [M]	AM	21.4	C+	22.0	C+	0.007	0.2	Significant and Unavoidable	
	PM	137.0	F	**> 150**	**F**	**0.102**	**28.8**		
12. Barber Ln / Alder Dr [M]	AM	14.0	B	15.2	B	0.066	0.4		
	PM	13.7	B	17.1	B	0.201	6.6		
13. Tasman Dr / I-880 SB Ramps [M]	AM	23.0	C+	23.3	C	0.009	0.3	Significant and Unavoidable	
	PM	61.7	E	**66.1**	**E**	**0.033**	**13.6**		
14. Great Mall Parkway / I-880 NB Ramps [M]	AM	61.0	E	**87.6**	**F**	**0.011**	**36.0**	Significant and Unavoidable	
	PM	58.7	E+	60.6	E	0.003	3.8		
15. McCarthy Blvd / Barber Ln [M]	AM	16.2	B	17.8	B	0.024	2.5		
	PM	24.0	C	24.3	C	0.035	1.2		
16. McCarthy Blvd-O'Toole / Montague Expy [CMP/SJ/M]	AM	53.4	D-	**55.9**	**E+**	**0.011**	**3.7**	40.6	D
	PM	116.3	F	**119.7**	**F**	**0.110**	**5.0**	65.6	E
17. Montague Expy / Great Mall Parkway-Capitol Ave [CMP/M]	AM	79.8	E-	**81.0**	**F**	**0.004**	**1.5**	Significant and Unavoidable	
	PM	96.6	F	**97.9**	**F**	**0.010**	**4.1**		
18. Montague Expy / Trimble Rd [CMP/SJ]	AM	26.2	C	26.2	C	0.003	0.1		
	PM	38.9	D+	44.1	D	0.007	0.3		
19. Montague Expy / River Oaks Parkway-E. Plumeria Rd [SJ]	AM	44.0	D	42.5	D	0.003	-0.1		
	PM	43.7	D	44.8	D	0.024	1.9		
20. Montague Expy / Zanker Rd [CMP/SJ]	AM	50.8	D	50.8	D	0.003	0.0		
	PM	71.8	E	72.2	E	0.003	0.7		
21. Montague Expy / N. 1st St. [CMP/SJ]	AM	146.0	F	146.8	F	0.003	1.5		
	PM	> 150	F	> 150	F	0.005	1.9		
22. Montague Expy / De la Cruz Blvd – Agnew Rd [CMP/SC]	AM	40.3	D	40.3	D	0.002	0.0		
	PM	47.6	D	47.8	D	0.003	0.5		
23. Capitol Ave / Cropley Dr-Trade Zone Blvd [SJ]	AM	36.4	D+	39.4	D	0.055	3.2		
	PM	62.1	E	62.9	E	0.005	1.1		

TABLE 9
PROJECT INTERSECTION LEVELS OF SERVICE

Intersection	Peak Hour	Background		Project				Mitigated Project	
		Delay[1]	LOS[2]	Delay[1]	LOS[2]	Δ in Crit. V/C[3]	Δ in Crit. Delay[4]	Delay[1]	LOS[2]
24. Great Mall Parkway / Main Street [M]	AM	31.8	C	31.7	C	0.002	-0.1		
	PM	39.6	D	39.6	D	0.003	-0.1		
25. Great Mall Parkway / Abel St [M]	AM	41.2	D	41.2	D	0.003	0.1		
	PM	44.8	D	44.9	D	0.003	0.1		
26. Tasman Dr. / Zanker Rd [SJ]	AM	39.5	D	39.5	D	0.003	0.2		
	PM	39.1	D	39.2	D	0.004	0.1		
27. Tasman Dr. / N. 1st St. [SJ]	AM	39.9	D	40.0	D	0.002	0.2		
	PM	49.0	D	49.3	D	0.003	0.6		
101. Dixon Landing Rd / McCarthy Blvd [F]	AM	10.0	B+	10.0	B+	0.001	0.0		
	PM	9.4	A	9.5	A	0.006	-4.5		
102. Dixon Landing Rd / I-880 SB Ramps [M]	AM	9.9	A	9.8	A	0.001	0.0		
	PM	7.8	A	13.4	B	0.089	5.3		
103. Dixon Landing Rd / I-880 NB Ramps – California Circle [M]	AM	16.9	B	16.9	B	0.001	0.0		
	PM	21.5	C+	21.5	C+	0.001	0.0		
104. California Circle / I-880 NB Ramps [M]	AM	12.6	B	12.6	B	0.000	0.0		
	PM	15.3	B	15.3	B	0.000	0.0		
105. Dixon Landing Rd / N. Milpitas Blvd [M]	AM	67.0	E	68.5	E	0.009	2.4		
	PM	62.2	E	63.3	E	0.010	2.5		
106. Scott Creek Rd. / Warm Springs Blvd. [F]	AM	28.1	C	28.3	C	0.003	0.2		
	PM	36.3	D+	36.3	D+	0.000	0.0		
107. Scott Creek Rd. / I-680 SB Ramps [Unsignalized] [F]	AM	19.8	C	19.8	C				
	PM	13.6	B	13.6	B				
108. Scott Creek Rd. / I-680 NB Ramps [Unsignalized] [F]	AM	8.2	A	8.2	A				
	PM	9.5	A	9.7	A				
109. McCarthy Blvd / Ranch Dr North [M]	AM	11.6	B+	13.2	B	0.003	0.0		
	PM	14.0	B	16.8	B	0.002	0.0		
110. McCarthy Blvd / Ranch Dr South [M]	AM	14.6	B	19.8	B-	0.004	9.2		
	PM	20.9	C+	20.6	C+	-0.233	-1.5		

TABLE 9
PROJECT INTERSECTION LEVELS OF SERVICE

Intersection	Peak Hour	Background		Project				Mitigated Project	
		Delay[1]	LOS[2]	Delay[1]	LOS[2]	Δ in Crit. V/C[3]	Δ in Crit. Delay[4]	Delay[1]	LOS[2]

Notes:

1 Whole intersection weighted average control delay expressed in seconds per vehicle calculated using methods described in the *2000 HCM*, with adjusted saturation flow rates to reflect Santa Clara County Conditions for signalized intersections. Total control delay for the worst movement is presented for side-street stop-controlled intersections.

2 LOS = Level of service. LOS calculations conducted using the TRAFFIX level of service analysis software package.

3 Change in the critical volume-to-capacity ratio (V/C) between Background and Project Conditions.

4 Change in critical movement delay between Background and Project Conditions.

(CMP) Congestion Management Program intersection, (F) City of Fremont intersection, (M) City of Milpitas intersection,

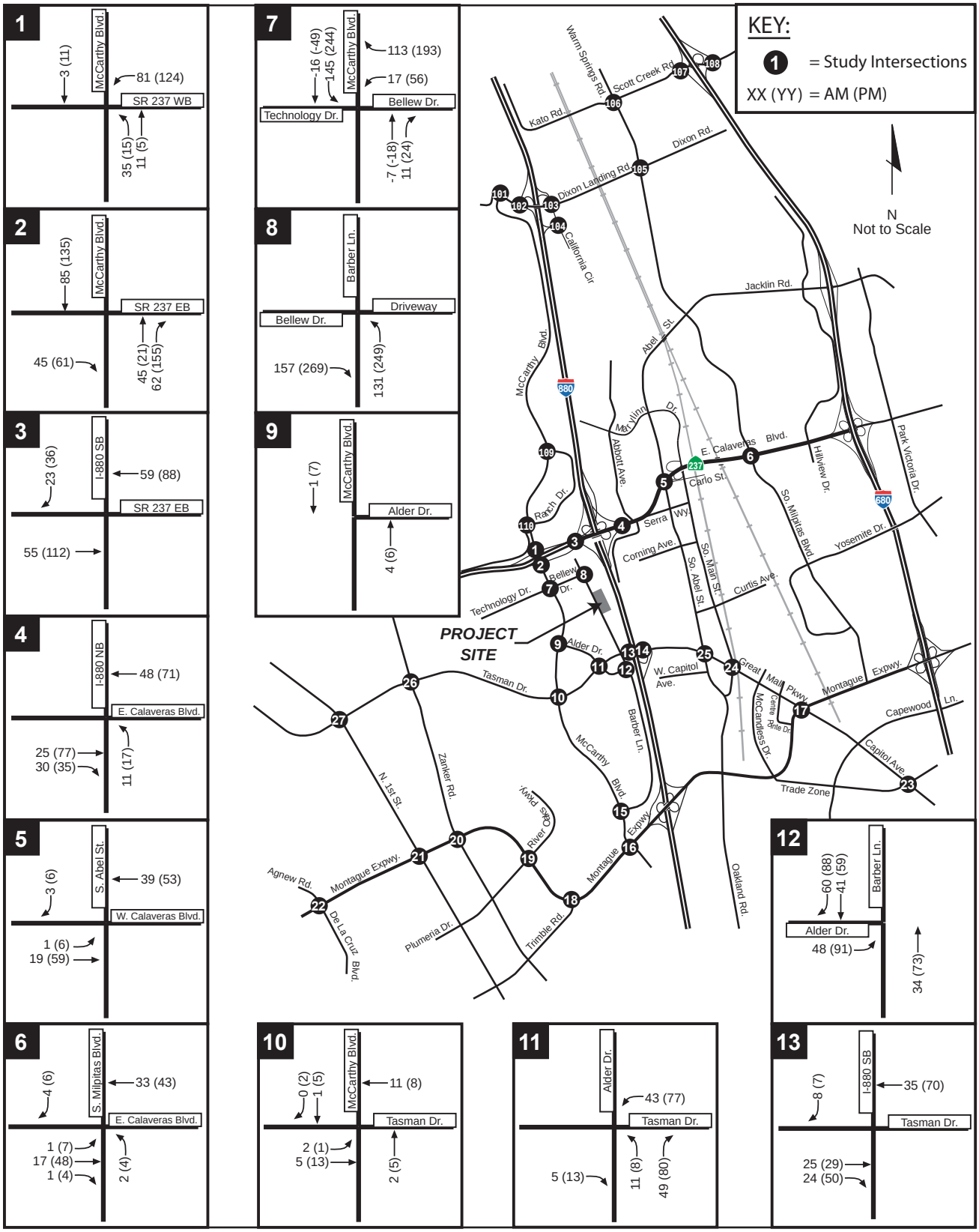
(SC) City of Santa Clara intersection, (SJ) City of San Jose intersection

Bold text denotes intersections with significant impacts.

Midday Peak Hour

A midday analysis was conducted for three intersections in the immediate vicinity of the site due to traffic associated with the adjacent retail and restaurant development (Milpitas Square). The following three intersections were evaluated: McCarthy Boulevard/Bellew Drive, Bellew Drive/Barber Lane, and Barber Lane/Alder Drive. Table 10 presents the results of the midday analysis.

The addition of traffic from Landmark Towers is projected to degrade midday peak-hour operations at McCarthy Boulevard/Bellew Drive and Bellew Drive/Barber Lane to unacceptable operations.



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PROJECT TRIP ASSIGNMENT

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FIGURE 11A

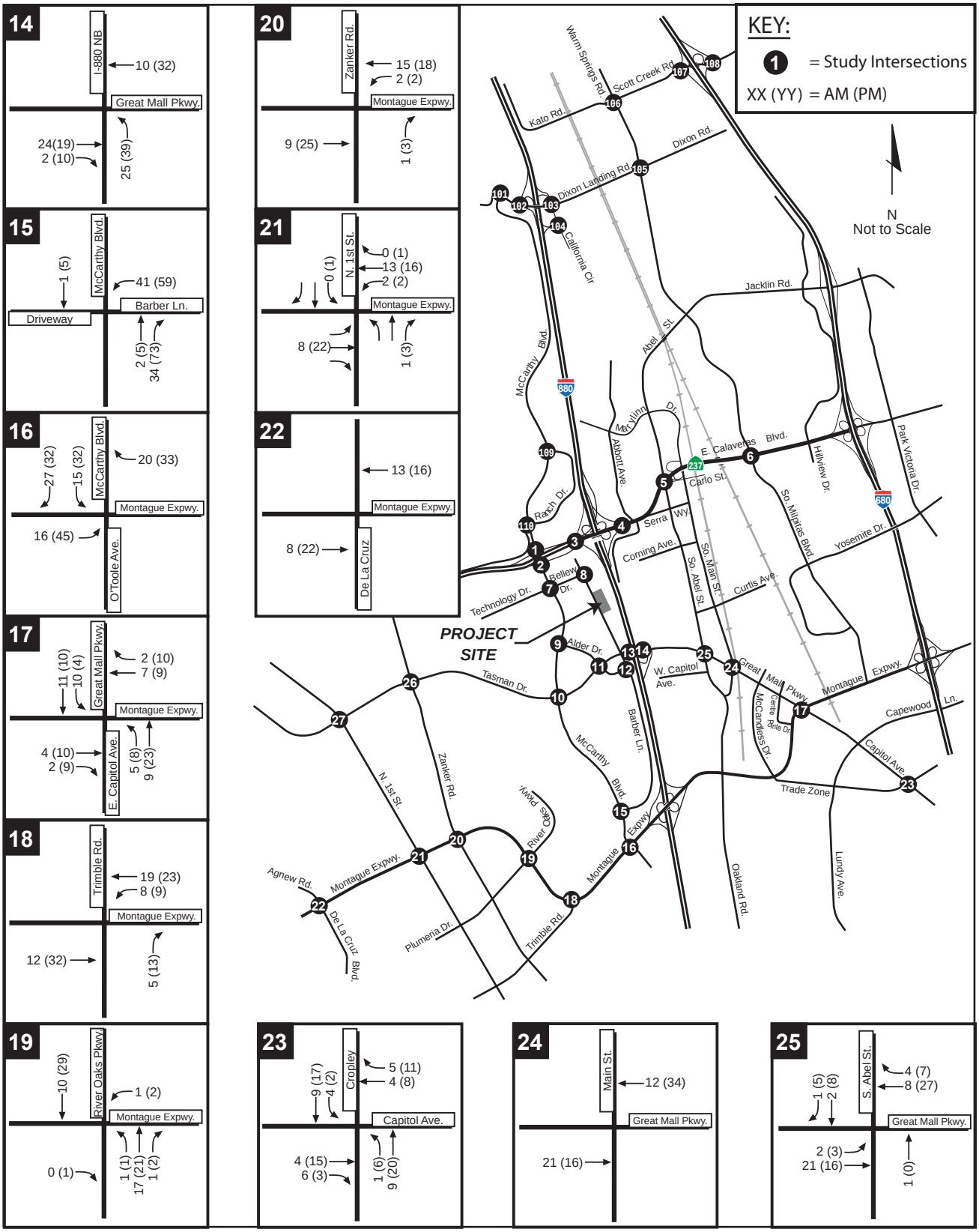

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FIGURE 11B

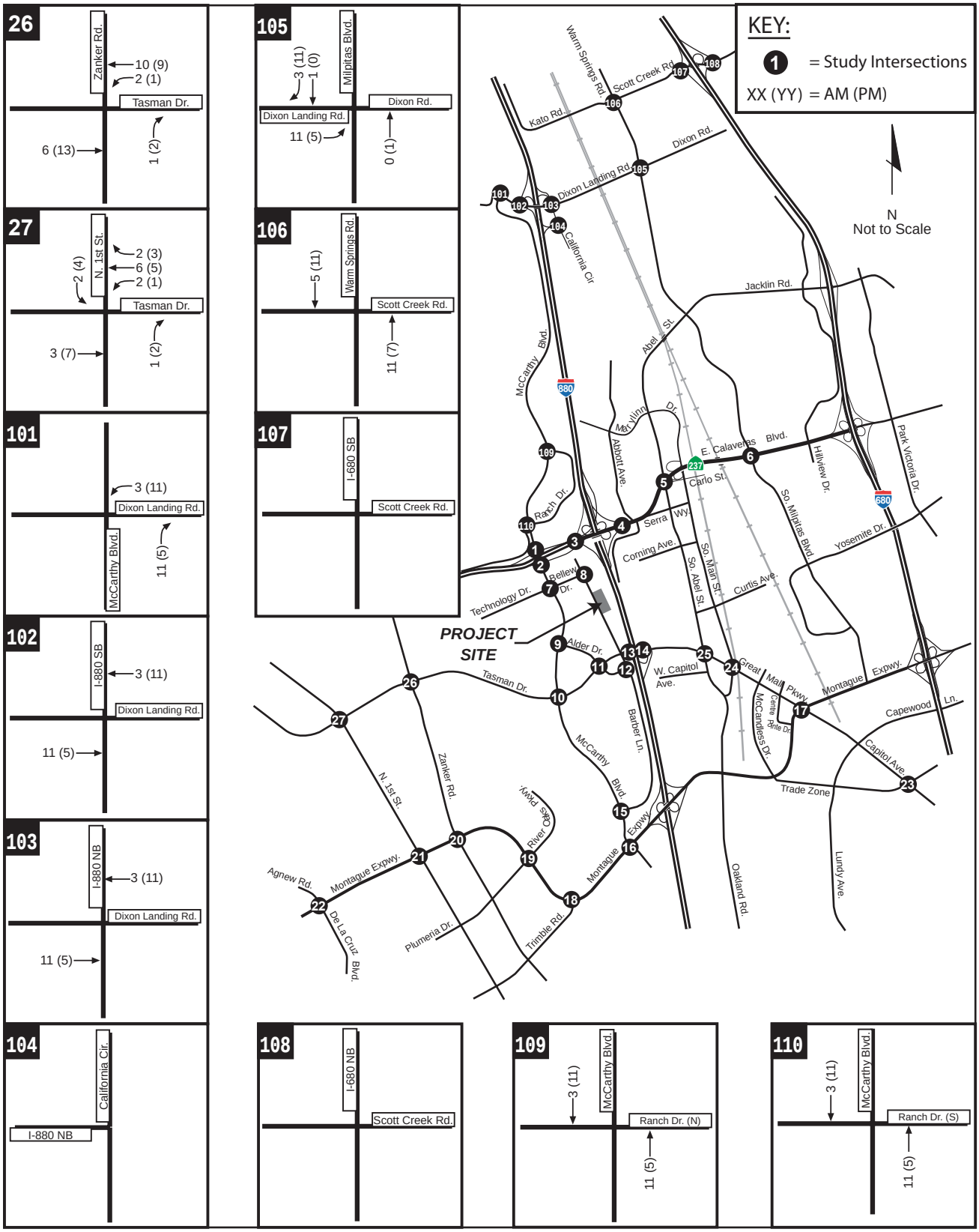

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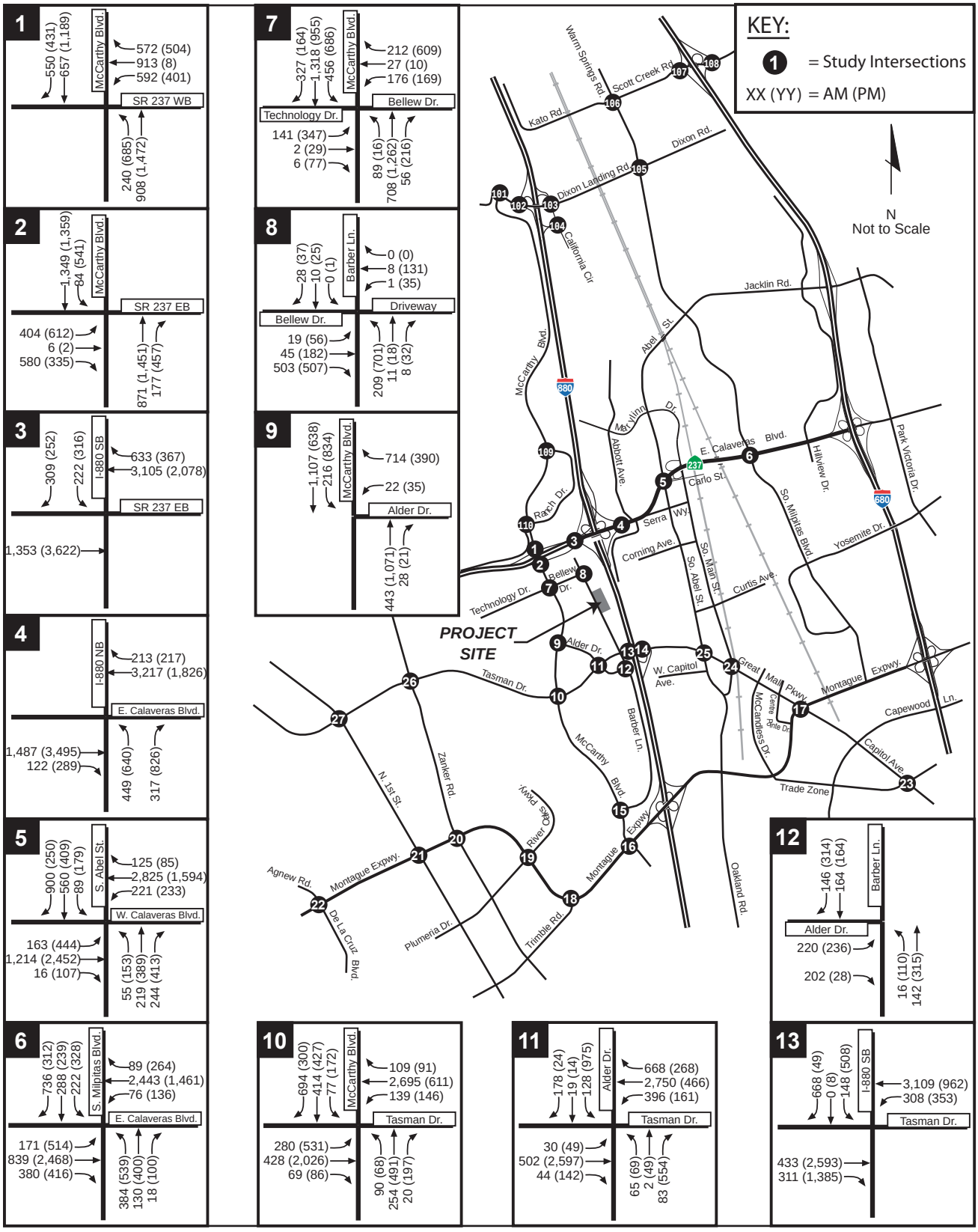
FIGURE 11C



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PROJECT PEAK-HOUR INTERSECTION VOLUMES

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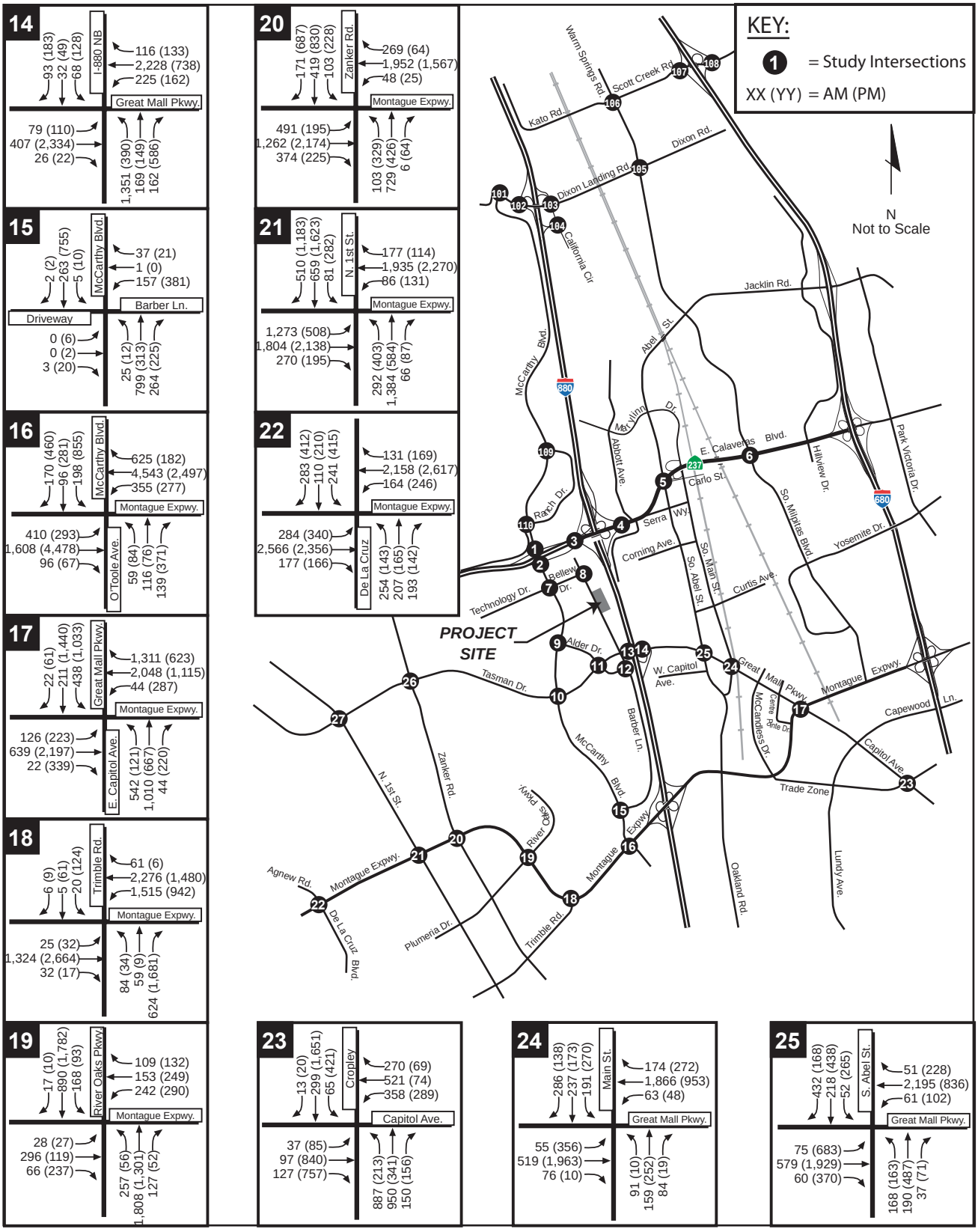
FIGURE 12A



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PROJECT PEAK-HOUR INTERSECTION VOLUMES

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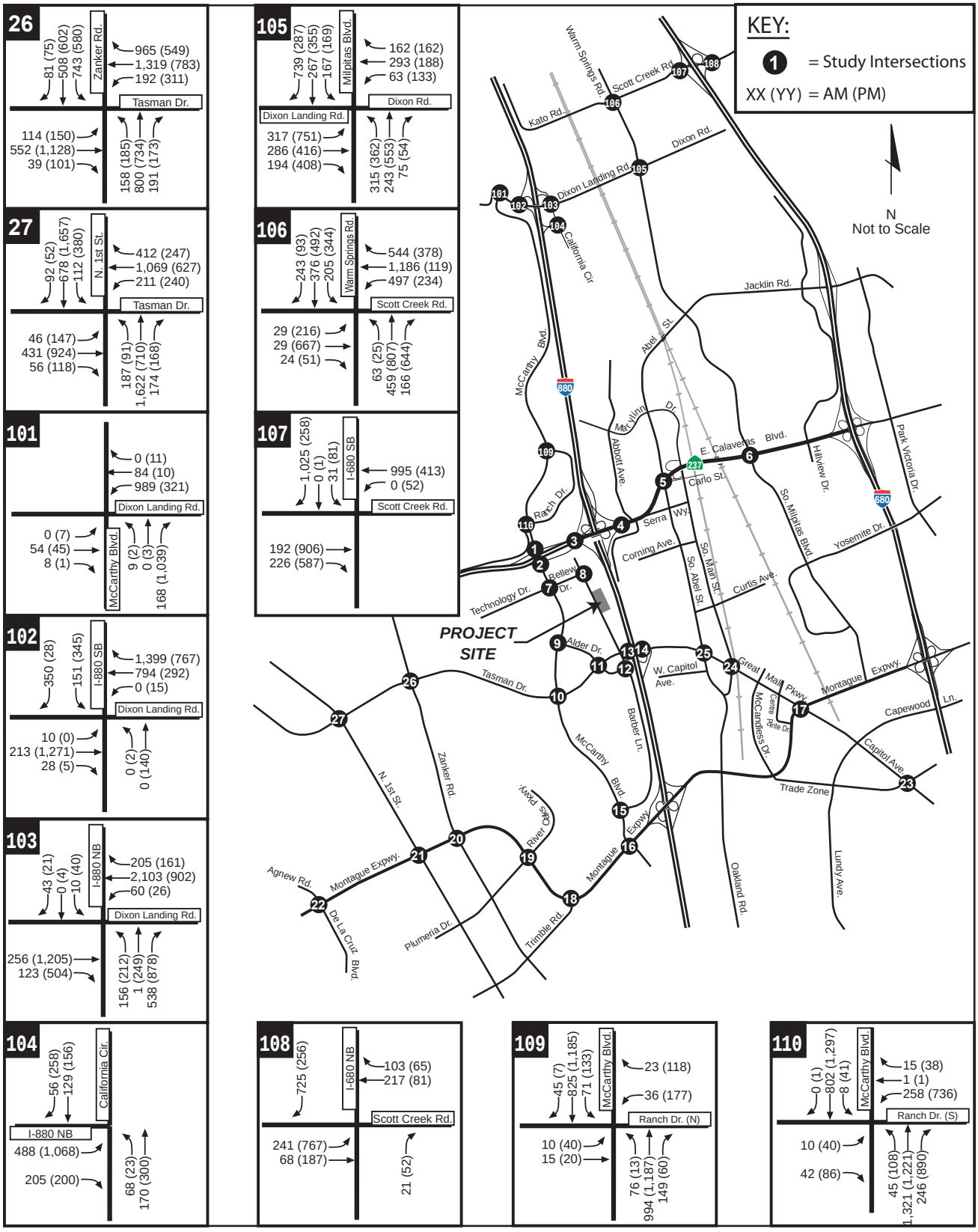
FIGURE 12B



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PROJECT PEAK-HOUR INTERSECTION VOLUMES

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FIGURE 12C

TABLE 10
PROJECT MIDDAY INTERSECTION LEVELS OF SERVICE

Intersection	Peak Hour	Existing		Project				Mitigated Project	
		Delay[1]	LOS[2]	Delay[1]	LOS[2]	Δ in Crit. V/C[3]	Δ in Crit. Delay[4]	Delay[1]	LOS[2]
Landmark Towers Only									
7. McCarthy Blvd / Bellew Dr [M]	Mid	24.8	C	**89.4**	**F**	**0.410**	**76.8**	49.7	D
8. Bellew Dr / Barber Ln [M]	Mid	43.5	D	**197.0**	**F**	**0.466**	**131.0**	47.8	D
12. Barber Ln / Alder Dr [M]	Mid	15.9	B	19.8	B-	0.090	5.1		

Notes:

1 Whole intersection weighted average control delay expressed in seconds per vehicle calculated using methods described in the *2000 HCM*, with adjusted saturation flow rates to reflect Santa Clara County Conditions for signalized intersections. Total control delay for the worst movement is presented for side-street stop-controlled intersections.

2 LOS = Level of service. LOS calculations conducted using the TRAFFIX level of service analysis software package.

3 Change in the critical volume-to-capacity ratio (V/C) between Existing and Project Conditions.

4 Change in critical movement delay between Existing and Project Conditions.

(CMP) Congestion Management Program intersection, (F) City of Fremont intersection, (M) City of Milpitas intersection, (SC) City of Santa Clara intersection, (SJ) City of San Jose intersection

Bold text denotes intersections with significant impacts.

INTERSECTION IMPACT CRITERIA

The impacts of the project were evaluated by comparing the results of the level of service calculations under Project Conditions to the results under Background Conditions.

City of Milpitas, City of Santa Clara, and City of San Jose

Significant impacts at signalized City of Milpitas (non CMP intersections), Santa Clara (non CMP intersections), and San Jose intersections are defined to occur when the addition of project traffic causes one of the following:

1. Intersection operations to degrade from an acceptable level (LOS D or better) under Background Conditions to an unacceptable level (LOS E or F) under Project Conditions.
2. Exacerbation of unacceptable operations (LOS E or F) by increasing the critical delay by more than 4 seconds and increasing the volume-to-capacity (V/C) ratio by 0.01 or more.
3. An increase in the V/C ratio of 0.01 or more at an intersection with unacceptable operations (LOS E or F) when the change in critical delay is negative (i.e., decreases). This can occur if the critical movements change.

Valley Transportation Authority

Significant impacts at CMP intersections are defined to occur when the addition of project traffic causes one of the following:

1. Intersection operations to degrade from an acceptable level (LOS E or better for CMP intersections) under Background Conditions to an unacceptable level (LOS F) under Project Conditions.
2. Exacerbation of unacceptable LOS F operations by increasing the critical delay by more than 4 seconds and increasing the volume-to-capacity (V/C) ratio by 0.01 or more.
3. An increase in the V/C ratio of 0.01 or more at an intersection with unacceptable LOS F operations when the change in critical delay is negative (i.e., decreases). This can occur if the critical movements change.

City of Fremont

Significant impacts at signalized City of Fremont intersections are defined to occur when the addition of project traffic causes one of the following:

1. Intersection operations to degrade from an acceptable level (LOS D or better) under Background Conditions to an unacceptable level (LOS E or F) under Project Conditions.
2. Exacerbation of unacceptable operations (LOS E or F) by increasing the average delay by more than 4 seconds.

INTERSECTION IMPACTS AND MITIGATION MEASURES

Based on the impact criteria listed above, the proposed project will have a significant impact at eight study intersections. The following measures are recommended to mitigate the significant impacts. Appendix C contains the corresponding mitigation calculation sheets.

City of Milpitas Intersections (non CMP intersections)

SR 237 / I-880 NB Ramps – The addition of project traffic exacerbates LOS F operations during the PM peak hour. The conversion of the northbound center left-turn lane to a shared left- and right-turn lane would provide LOS D operations. Coordination with Caltrans to implement this improvement will be required. The project's impact will be mitigated to a ***less-than-significant*** level.

McCarthy Boulevard / Bellew Drive – This intersection is projected to degrade from LOS D- to LOS E during the PM peak hour with the proposed project. During the mid-day peak hour, intersection operations degrade from LOS C to LOS F. The restriping of the eastbound approach (one left-turn, one through, and one right-turn lane) to provide two left-turn lanes and one shared through/right-turn lane would provide acceptable (LOS D) operations. This improvement, in conjunction with increasing the midday peak hour cycle length to 75 seconds, would also provide acceptable midday operations as indicated in Table 10. Thus, the project's impact will be mitigated to a ***less-than-significant*** level.

Bellew Drive / Barber Lane – The addition of project traffic causes this intersection to degrade from LOS B- under Background to LOS E under Project Conditions during the PM peak hour. This intersection degrades from LOS D to LOS F during the mid-day peak hour. The addition of a northbound left-turn lane (which requires removal of the existing bike lanes and on-street parallel parking on a section of Barber Lane) would provide acceptable operations during the PM peak hour. During the midday peak hour, the project's impact would be mitigated with the proposed capacity improvement and by increasing the signal cycle length to 70 seconds. Thus, the impact is mitigated to a ***less-than-significant*** level.

Alder Drive / Tasman Drive – Traffic from the proposed project exacerbates LOS F operations during the PM peak hour. Conversion of one southbound (Alder Drive) through lane to a left-turn lane to provide a total of three southbound left-turn lanes improves intersection operations; however, this improvement would impact pedestrian and bicycle activity and degrade signal progression along Tasman Drive. Thus, the project impact is **significant and unavoidable**.

Tasman Drive / I-880 SB Ramps – Traffic from the proposed project exacerbates LOS E operations during the PM peak hour. No feasible mitigation measures were identified. Thus, the project impact is **significant and unavoidable**. Signal coordination with adjacent intersections (i.e., Tasman Drive/Alder Drive and Great Mall Parkway/I-880 NB Ramps) will be the primary method of improving operations.

Great Mall Parkway / I-880 NB Ramps – Intersection operations degrade from LOS E to LOS F during the AM peak hour. Widening of the northbound I-880 Ramp approach to provide a third dedicated left-turn lane would improve operations of this intersection in both peak hours; however, this mitigation is not considered feasible because additional right-of-way may be required to relocate the existing fencing and soundwall . Therefore, the project's impact at this intersection is considered ***significant and unavoidable***. Signal coordination with adjacent intersections (i.e., Tasman Drive/I-880 SB Ramps) will be the primary method of improving operations.

CMP Intersections

E. Calaveras Boulevard / S. Milpitas Boulevard – Traffic from the proposed project exacerbates LOS F operations during the AM peak hour. Adding a third westbound through lane, which is consistent with improvements identified in the *Valley Transportation Plan 2030*, provides acceptable LOS E- operations during the AM peak hour which is an improvement over Background Conditions. This improvement requires conversion of the separate right-turn lane to a shared through/right-turn lane and a third receiving lane past the intersection. The mitigation measure has a negligible effect on operations during the PM peak hour. The project impact will be mitigated to a ***less-than-significant*** level.

McCarthy Boulevard-O'Toole Avenue / Montague Expressway – Traffic from the proposed project exacerbates LOS F operations during the PM peak hour. The widening of the northbound approach to provide a dedicated right-turn lane from northbound O'Toole Avenue to eastbound Montague Expressway would provide LOS E operations and mitigate the project impact to **less-than-significant** levels.

Great Mall Parkway-Capitol Ave / Montague Expressway – Traffic from the proposed project will degrade the intersection operations to LOS F during both peak hours. No feasible mitigation measures were identified for this intersection. Thus, the project's impact is **significant and unavoidable**.

San Jose Intersections

McCarthy Boulevard-O'Toole Avenue / Montague Expressway – The addition of project traffic causes this intersection to degrade from LOS D under Background to LOS E under Project Conditions during the AM

peak hour. The mitigation measure, identified above, would provide LOS D operations and mitigate the project impact to **less-than-significant** levels.

PROJECT FREEWAY SEGMENT LEVELS OF SERVICE

Project-generated traffic volumes were added to existing traffic volumes for each freeway mainline segment. These volumes were then used to re-calculate density for each segment under Project Conditions. The resultant freeway segment operations are presented in Table 11.

TABLE 11
PROJECT FREEWAY SEGMENT LEVELS OF SERVICE

Freeway Direction	From	To	Peak Hour	Existing Conditions		Project Conditions			
				Density[1]	LOS[2]	Trips	Density[1]	LOS[2]	% Impact[3]
I-880 Northbound	Brokaw Road	Montague Expressway	AM	31	D	38	31	D	0.55
			PM	26	C	55	26	D	0.80
	Montague Expressway	Great Mall Parkway	AM	26	C	36	26	D	0.52
			PM	26	C	55	26	D	0.80
	Great Mall Parkway	SR 237	AM	31	D	13	31	D	0.19
			PM	46	D	27	46	E	0.39
	SR 237	Dixon Landing Road	AM	35	D	25	33	D	0.30
			PM	112	F	42	107	F	0.51
	Dixon Landing Road	Mission Blvd. (SR 262)	AM	38	D	25	39	D	0.36
			PM	107	F	42	109	F	0.61
I-880 Southbound	Mission Blvd. (SR 262)	Dixon Landing Road	AM	43	D	31	44	D	0.45
			PM	24	C	42	24	C	0.61
	Dixon Landing Road	SR 237	AM	45	D	31	38	D	0.34
			PM	23	C	42	20	C	0.46
	SR 237	Great Mall Parkway	AM	22	C	15	22	C	0.22
			PM	21	C	10	21	C	0.14
	Great Mall Parkway	Montague Expressway	AM	29	D	31	29	D	0.45
			PM	85	F	53	86	F	0.77
	Montague Expressway	Brokaw Road	AM	26	C	31	26	D	0.45
			PM	80	F	53	81	F	0.77
SR 237 Eastbound	Zanker Road	McCarthy Boulevard	AM	26	C	45	26	D	0.98
			PM	42	D	61	43	D	1.33
	McCarthy Boulevard	I-880	AM	15	B	55	23	C	1.20
			PM	54	E	**112**	**83**	**F**	**2.43**
SR 237 Westbound	I-880	McCarthy Boulevard	AM	164	F	**81**	**168**	**F**	**1.17**
			PM	29	D	124	30	D	1.80
	McCarthy Boulevard	Zanker Road	AM	147	F	42	150	F	0.76
			PM	94	F	**58**	**96**	**F**	**1.05**

TABLE 11
PROJECT FREEWAY SEGMENT LEVELS OF SERVICE

Freeway Direction	From	To	Peak Hour	Existing Conditions		Project Conditions			
				Density[1]	LOS[2]	Trips	Density[1]	LOS[2]	% Impact[3]
I-680 Northbound	Capitol Avenue	Montague Expressway	AM	39	D	8	39	D	0.09
			PM	22	C	2	22	C	0.02
	Montague Expressway	Yosemite Drive	AM	30	D	4	30	D	0.04
			PM	28	D	1	28	D	0.01
	Yosemite Drive	Calaveras Blvd. (SR 237)	AM	48	E	4	55	E	0.05
			PM	44	D	1	50	E	0.01
	Calaveras Blvd. (SR 237)	Jacklin Road	AM	41	D	3	41	D	0.05
			PM	95	F	16	95	F	0.23
	Jacklin Road	Scott Creek Road	AM	35	D	1	35	D	0.01
			PM	80	F	10	80	F	0.14
	Scott Creek Road	Mission Blvd. (SR 262)	AM	33	D	1	33	D	0.01
			PM	73	F	10	73	F	0.14
I-680 Southbound	Mission Blvd. (SR 262)	Scott Creek Road	AM	38	D	12	38	D	0.17
			PM	28	D	2	28	D	0.03
	Scott Creek Road	Jacklin Road	AM	33	D	12	33	D	0.17
			PM	29	D	2	29	D	0.03
	Jacklin Road	Calaveras Blvd. (SR 237)	AM	36	D	14	36	D	0.20
			PM	28	D	6	28	D	0.09
	Calaveras Blvd. (SR 237)	Yosemite Drive	AM	25	C	0	25	C	0.00
			PM	53	E	3	53	E	0.03
	Yosemite Drive	Montague Expressway	AM	31	D	0	31	D	0.00
			PM	92	F	7	92	F	0.08
	Montague Expressway	Capitol Avenue	AM	23	C	1	23	C	0.01
			PM	98	F	7	98	F	0.08

Notes:

1 Measured in passenger cars per mile per lane.

2 LOS = level of service.

3 Percent impact on mixed flow lanes determined by dividing the number of project trips by the freeway segment's capacity.

Bold text denotes freeway segments with significant impacts.

Source: VTA, December 2006.

FREEWAY IMPACTS AND MITIGATION MEASURES

The impacts of the project were evaluated by comparing the results of the level of service calculations under Project Conditions to the results under Existing Conditions. Significant impacts to freeway segments are defined to occur when the addition of project traffic causes one of the following:

1. The addition of project traffic causes a segment to drop below its acceptable CMP operating standard (LOS E).
2. The amount of project traffic added to a segment already operating at LOS F is more than one percent of its capacity.

Based on the impact criteria listed above, the proposed project will have a significant impact to the following study freeway segments:

- Eastbound SR 237, McCarthy Boulevard to I-880 (PM peak hour);
- Westbound SR 237, I-880 to McCarthy Boulevard (AM peak hour); and
- Westbound SR 237, McCarthy Boulevard to Zanker Road (PM peak hour).

According to VTA policy, the mitigation measure for regional freeway impacts is participation in the Countywide Deficiency Plan (CDP) prepared by the VTA. Pending the adoption of the CDP, the Lead Agency for the development project must include programs or facilities delineated in the "Immediate Implementation Action List" (Appendix D) as part of the project's approval if the freeway impact cannot be reduced to a less-than-significant level. Measures from the list (Appendix F contains the full list) that are appropriate for this project include:

- Improve Pedestrian Facilities (A-4)
- Shuttle (B-3)
- Bus Stop Improvements (B-8)
- Traffic signal timing and synchronization program (F-3)
- HOV parking preference program (G-1)
- Bike facilities (G-2)
- Pedestrian circulation system (G-4)

While implementation of these measures would incrementally reduce traffic, they would not reduce the identified impact to a less-than-significant level. Thus, the addition of project traffic results in a ***significant and unavoidable impact*** to the three (3) freeway segments. It should be noted that the City of Milpitas is currently preparing a deficiency plan to identify local and regional improvements.

According to the *Valley Transportation Plan 2030*, improvements to I-680, I-880, and SR 237 are planned; however, these improvements are not yet funded.

PEDESTRIAN, BICYCLE, AND TRANSIT FACILITIES

The project causes a significant impact to pedestrian, bicycle, and transit facilities and services if an element of the proposed project conflicts with existing or planned pedestrian, bicycle, and transit services, or the proposed project creates hazardous conditions for pedestrians or bicyclists that currently do not exist.

The project would generate pedestrian, bicycle, and transit demand. Existing sidewalks are provided adjacent to and in the vicinity of the site. Crosswalks are provided at all study intersections in the study area. Sidewalks and paths provide direct links to adjacent land uses and to the VTA light rail station on Tasman Drive. Bicycle lanes are provided on Barber Lane and bicycle facilities are provided on other roadways near the site. However, the proposed mitigation at Bellew Drive/Barber Lane would remove the existing bike lane and on-street parallel parking spaces on a section of Barber Lane to provide a northbound left-turn lane. Thus, the proposed project has a significant impact to the existing bicycle facilities.

The project site is served by fixed-route bus service with stops located just south of the project site. According to the VTA, the average load factor for Route 33 is 0.11 in the Barber Lane area (this information is based upon surveys conducted prior to the new January 2008 schedules). This results in average load of approximately four passengers on a 38-seat bus. The existing pedestrian facilities and transit service would be able to accommodate the increased demand; therefore, the project would create **less-than-significant impacts** to the pedestrian and transit facilities.

SITE ACCESS AND ON-SITE CIRCULATION

The site plan for the proposed project is shown on Figure 2. Access to the project site will be provided from Barber Lane via two driveways. The northern driveway will provide access to the parking garage, which is located at the rear of the site. The southern driveway will provide access to the commercial loading zone. In addition, a drop-off area (loop) will be located between the two access driveways.

A more detailed review of site access and on-site circulation will be provided at a later date.

5. INTERIM CUMULATIVE CONDITIONS

This chapter discusses the operations of key intersections under interim cumulative conditions. Interim cumulative conditions include traffic from the proposed project plus three other pending developments near the project site.

PENDING PROJECTS

Figure 13 presents the location of the pending projects. A brief description of each project is listed below:

The Campus at McCarthy Ranch – This project is located on west side of McCarthy Boulevard, between the south and north legs of Ranch Drive. The applicant proposes to increase the site's approved FAR from 0.35 to 0.50, resulting in 1,416,000 square feet (s.f.) of total office space. The site currently contains 416,000 s.f. of vacant office space with approval for up to 991,000 s.f. The net increase in square footage, or 425,000 s.f., was included in this scenario.

Milpitas Square – The applicant for this project proposes to redevelop the existing Ranch 99 complex with a new housing, retail, and commercial mixed-use development. The existing Ranch 99 market will remain and an increase of 12,800 s.f. of commercial space will be added. Nine hundred (900) residential units are also proposed. Milpitas Square is proposing the addition of a northbound left-turn lane and a westbound through lane to the Bellew Drive/Barber Lane intersection. These proposed improvements have been included in the level of service calculation at this location.

Peery-Arrillaga – This project is located west of McCarthy Boulevard at Alder Drive. The project applicant proposes to construct 238,400 s.f. of new office space on a vacant parcel.

INTERIM CUMULATIVE TRAFFIC VOLUMES

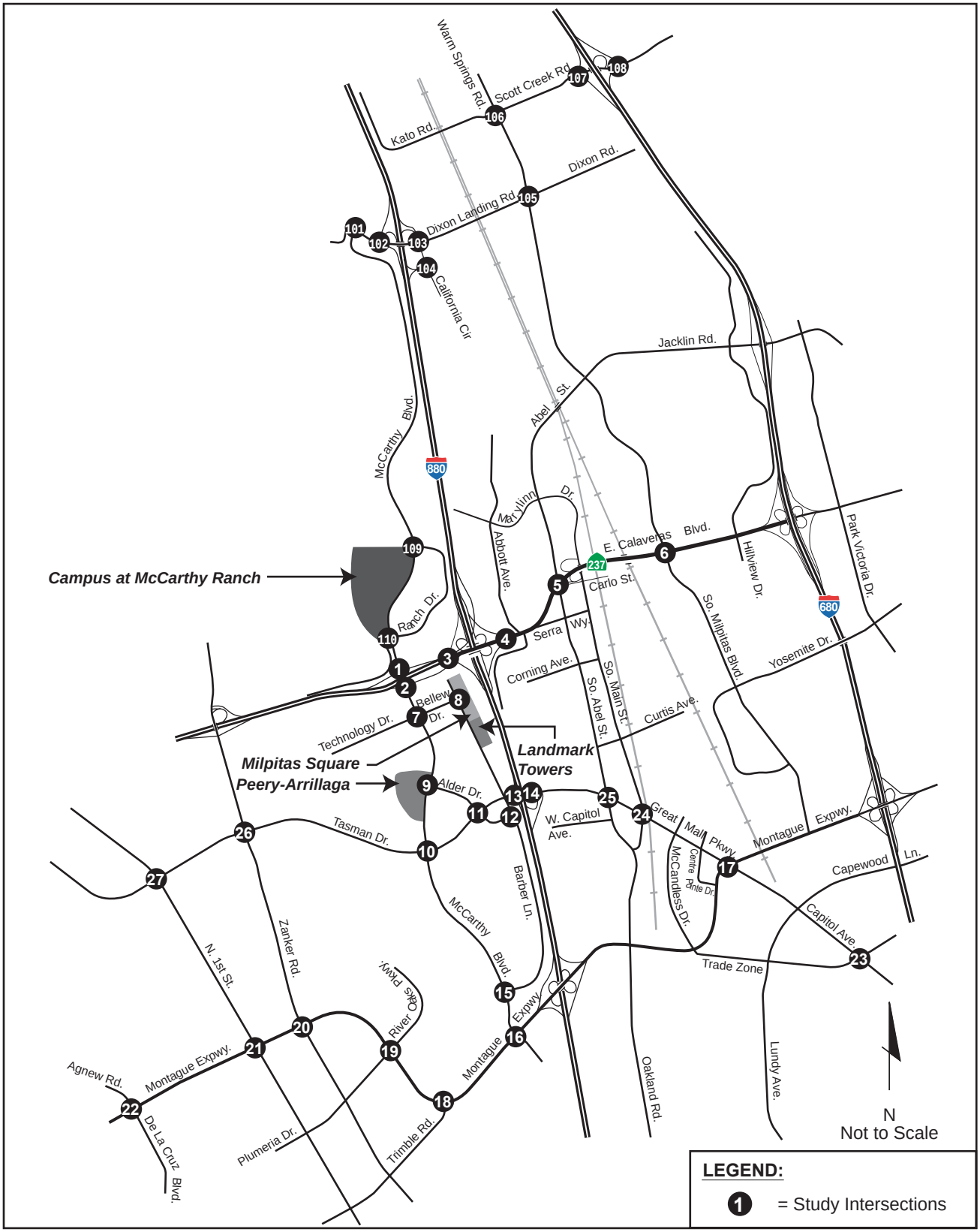
Appendix E contains the trip generation estimates for the pending projects and traffic from these projects were assigned to the roadway system using the process described in Chapter 4. The pending trips were then added to the Project traffic volumes to represent Interim Cumulative Conditions volumes as shown on Figure 14.

INTERIM CUMULATIVE INTERSECTION LEVELS OF SERVICE

Level of service calculations were conducted for the key intersections to evaluate their operations under Interim Cumulative Conditions. The results of the LOS analysis are presented in Table 12. The interim cumulative conditions of the intersections of Barber Lane/Bellew Drive and McCarthy Boulevard/Bellew Drive during the midday peak hour are presented in Table 13. Appendix B contains the corresponding calculation sheets.

INTERSECTION IMPACT CRITERIA

The level of service calculations under Interim Cumulative Conditions were compared to Background Conditions and the significance criteria presented in Chapter 4 were used to identify interim cumulative impacts.



Milpitas Near-Term Cumulative Scenario

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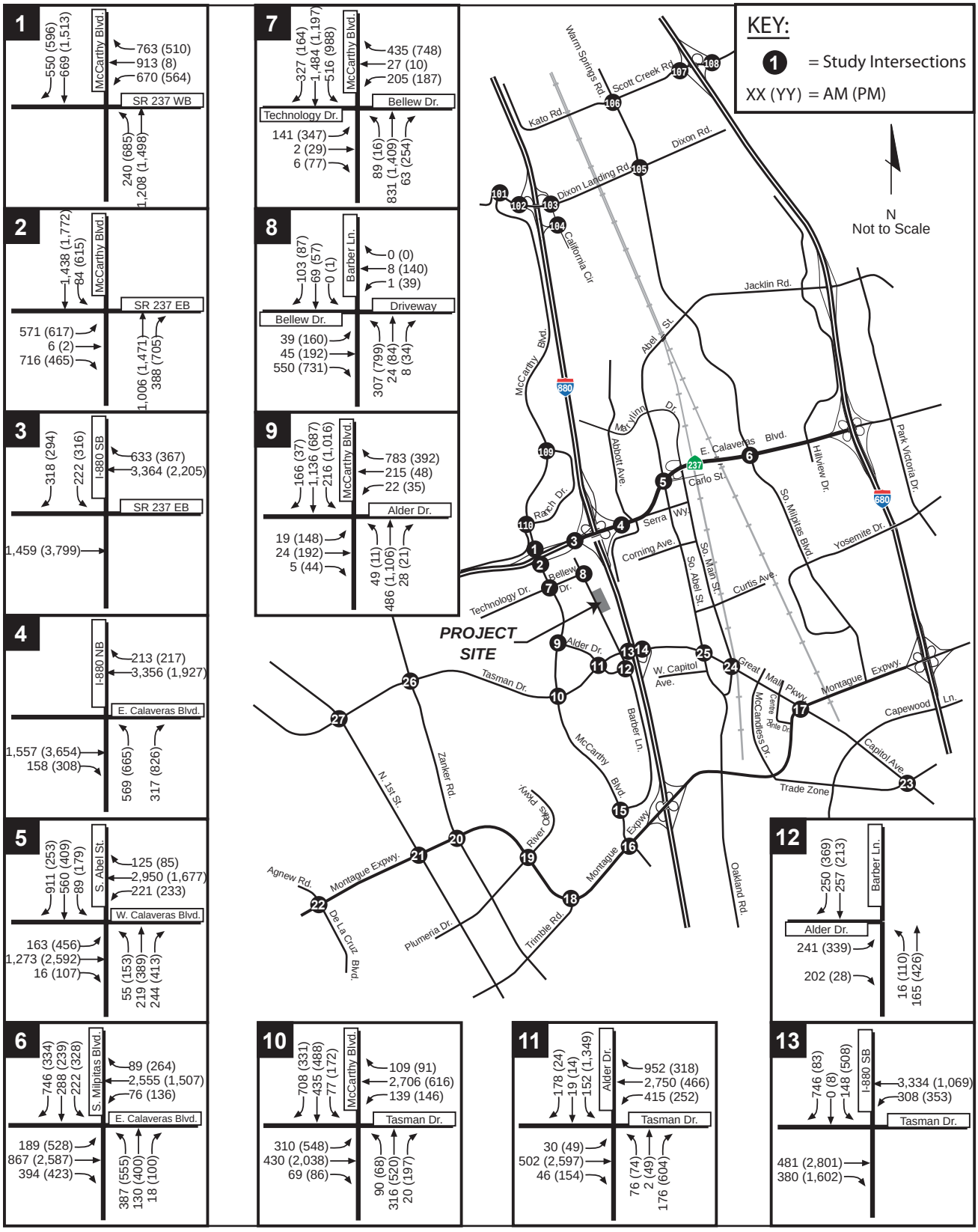
NEAR-TERM PROJECTS AND STUDY INTERSECTIONS

March 2008
SJ07-977

FIGURE 13



Landmark Tower

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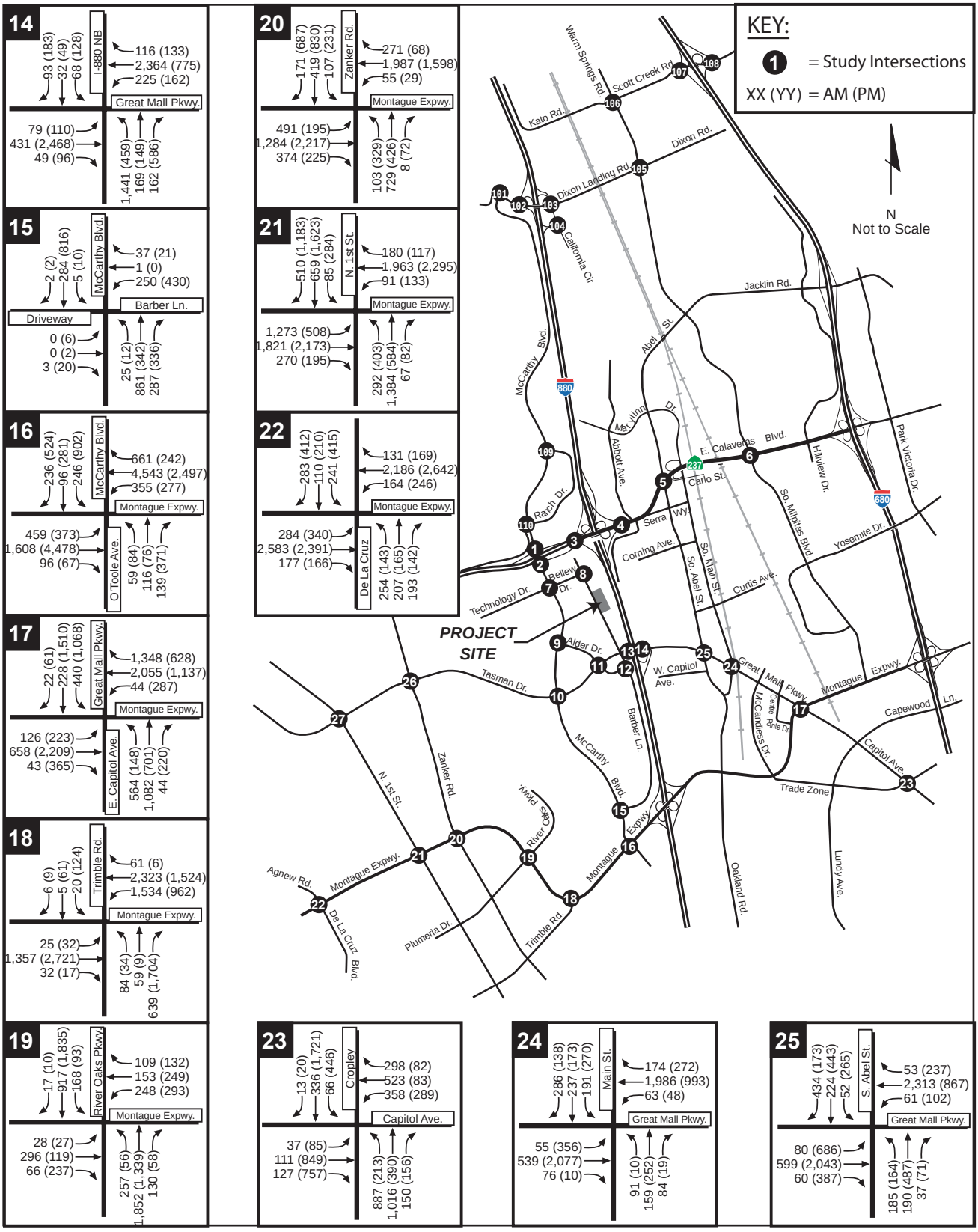
INTERIM CUMULATIVE PEAK-HOUR INTERSECTION VOLUMES

April 2008
SJ06-869

FIGURE 14A



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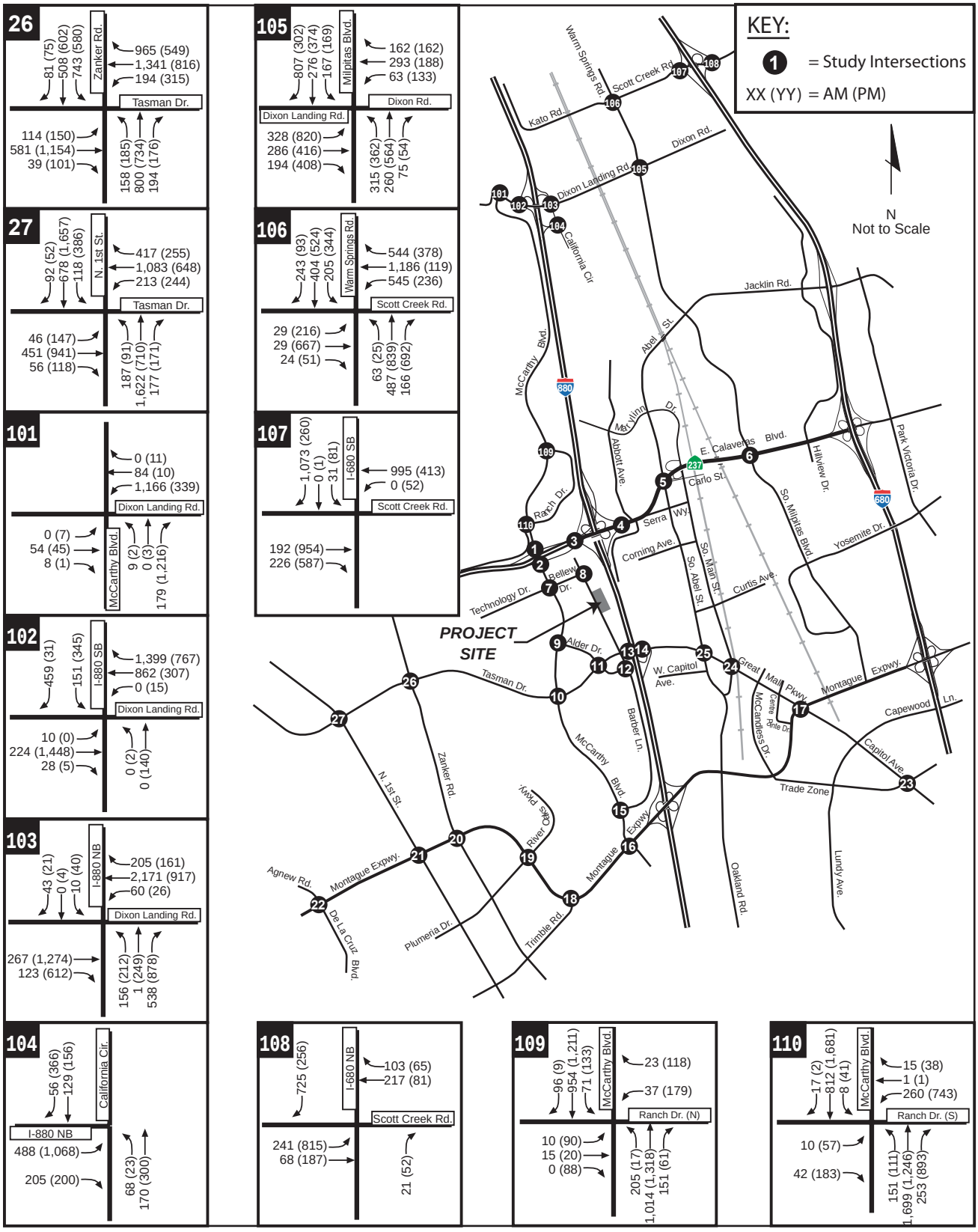
INTERIM CUMULATIVE PEAK-HOUR INTERSECTION VOLUMES

April 2008
SJ06-869

FIGURE 14B



Landmark Tower

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INTERIM CUMULATIVE PEAK-HOUR INTERSECTION VOLUMES

April 2008
SJ06-869

FIGURE 14C

TABLE 12
INTERIM CUMULATIVE INTERSECTION LEVELS OF SERVICE

Intersection	Peak Hour	Background		Interim Cumulative				Mitigated Interim Cumulative	
		Delay[1]	LOS[2]	Delay[1]	LOS[2]	Δ in Crit. V/C[3]	Δ in Crit. Delay[4]	Delay[1]	LOS[2]
1. McCarthy Blvd / SR 237 WB Ramps [M]	AM	17.9	B	25.4	C	0.141	25.2		
	PM	24.9	C	40.3	D	0.115	24.2		
2. McCarthy Blvd / SR 237 EB Ramps [M]	AM	15.9	B	19.7	B-	0.214	7.3		
	PM	16.6	B	28.5	C	0.221	20.6		
3. SR 237 / I-880 SB Ramps [M]	AM	11.2	B+	12.7	B	0.079	2.3		
	PM	9.5	A	13.2	B	0.101	5.8		
4. Calaveras Blvd (SR237) / I-880 NB Ramps [M]	AM	22.6	C+	24.7	C	0.034	0.9	24.8	C
	PM	89.3	F	**100.5**	**F**	**0.043**	**18.6**	48.5	D
5. Calaveras Blvd / Abel Street [CMP/M]	AM	89.2	F	**99.9**	**F**	**0.040**	**17.3**	Significant and Unavoidable	
	PM	53.0	D-	57.0	E+	0.038	5.4		
6. Calaveras Blvd / Milpitas Blvd [CMP/M]	AM	127.0	F	**142.0**	**F**	**0.052**	**22.2**	85.5	F
	PM	45.7	D	48.0	D	0.040	4.4	45.4	D
7. McCarthy Blvd / Bellew Dr [M]	AM	24.0	C	31.8	C	0.078	13.4	Significant and Unavoidable	
	PM	51.1	D-	**126.7**	**F**	**0.259**	**97.8**		
8. Bellew Dr / Barber Ln [M]	AM	10.9	B+	16.1	B	0.717	44.9	16.1	B
	PM	18.5	B-	**72.4**	**E**	**0.320**	**41.7**	49.6	D
9. McCarthy Blvd / Alder Dr [M]	AM	17.2	B	23.1	C	0.157	8.5	Significant and Unavoidable	
	PM	61.5	E	**> 150**	**F**	**0.254**	**137.1**		
10. McCarthy Blvd / Tasman Dr [M]	AM	108.0	F	**118.0**	**F**	**0.033**	**15.1**	64.8	E
	PM	43.1	D	44.5	D	0.034	2.1	43.8	D
11. Tasman Dr / Alder Dr [M]	AM	21.4	C+	24.7	C	0.018	1.3	Significant and Unavoidable	
	PM	137.0	F	**> 150**	**F**	**0.328**	**129.7**		
12. Barber Ln / Alder Dr [M]	AM	14.0	B	17.4	B	0.195	1.0		
	PM	13.7	B	18.6	B-	0.317	8.4		
13. Tasman Dr / I-880 SB Ramps [M]	AM	23.0	C+	26.0	C	0.076	3.8	Significant and Unavoidable	
	PM	61.7	E	**87.8**	**F**	**0.179**	**74.8**		
14. Great Mall Parkway / I-880 NB Ramps [M]	AM	61.0	E	**111.6**	**F**	**0.069**	**66.0**	Significant and Unavoidable	
	PM	58.7	E+	**66.8**	**E**	**0.023**	**13.5**		
15. McCarthy Blvd / Barber Ln [M]	AM	17.3	B	21.0	C+	0.117	6.9		
	PM	24.0	C	30.9	C	0.099	11.2		

TABLE 12
INTERIM CUMULATIVE INTERSECTION LEVELS OF SERVICE

Intersection	Peak Hour	Background		Interim Cumulative				Mitigated Interim Cumulative	
		Delay[1]	LOS[2]	Delay[1]	LOS[2]	Δ in Crit. V/C[3]	Δ in Crit. Delay[4]	Delay[1]	LOS[2]
16. McCarthy Blvd-O'Toole / Montague Expy [CMP/SJ/M]	AM	53.4	D-	**63.7**	**E**	**0.044**	**15.6**	45.2	D
	PM	116.3	F	**124.9**	**F**	**0.027**	**12.3**	69.7	E
17. Montague Expy / Great Mall Parkway-Capitol Ave [CMP/M]	AM	79.8	E-	**89.4**	**F**	**0.047**	**18.5**	Significant and Unavoidable	
	PM	96.6	F	**104.1**	**F**	**0.033**	**15.6**		
18. Montague Expy / Trimble Rd [CMP/SJ]	AM	26.2	C	26.3	C	0.010	0.1		
	PM	38.9	D+	36.3	D+	0.022	-2.5		
19. Montague Expy / River Oaks Parkway-E. Plumeria Rd [SJ]	AM	44.0	D	42.3	D	0.013	-0.2		
	PM	43.7	D	44.5	D	0.032	1.7		
20. Montague Expy / Zanker Rd [CMP/SJ]	AM	50.8	D	50.9	D	0.011	0.3		
	PM	71.8	E	72.8	E	0.009	1.9		
21. Montague Expy / N. 1st St. [CMP/SJ]	AM	146.0	F	**148.5**	**F**	**0.012**	**4.6**	Significant and Unavoidable	
	PM	> 150	F	**> 150**	**F**	**0.012**	**5.0**		
22. Montague Expy / De la Cruz Blvd – Agnew Rd [CMP/SC]	AM	40.3	D	40.3	D	0.007	0.1		
	PM	47.6	D	48.1	D	0.008	1.3		
23. Capitol Ave / Cropley Dr-Trade Zone Blvd [SJ]	AM	36.4	D+	39.8	D	0.062	4.0		
	PM	62.1	E	66.5	E	0.019	3.9		
24. Great Mall Parkway / Main Street [M]	AM	31.8	C	31.2	C	0.025	-0.7		
	PM	39.6	D	39.1	D	0.025	-0.4		
25. Great Mall Parkway / Abel St [M]	AM	41.2	D	43.0	D	0.039	2.6		
	PM	44.8	D	45.3	D	0.029	0.7		
26. Tasman Dr. / Zanker Rd [SJ]	AM	39.5	D	39.7	D	0.009	0.6		
	PM	39.1	D	39.3	D	0.013	0.5		
27. Tasman Dr. / N. 1st St. [SJ]	AM	39.9	D	40.5	D	0.009	0.9		
	PM	49.0	D	50.2	D	0.010	2.3		
101. Dixon Landing Rd / McCarthy Blvd [F]	AM	10.0	B+	11.4	B+	0.067	1.6		
	PM	9.4	A	9.9	A	0.070	-4.1		
102. Dixon Landing Rd / I-880 SB Ramps [M]	AM	9.9	A	12.1	B	0.021	5.2		
	PM	7.8	A	12.9	B	0.123	4.8		
103. Dixon Landing Rd / I-880 NB Ramps – California Circle [M]	AM	16.9	B	16.9	B	0.015	0.1		
	PM	21.5	C+	21.4	C+	0.021	-5.8		
104. California Circle / I-880 NB	AM	12.6	B	12.6	B	0.000	0.0		

TABLE 12
INTERIM CUMULATIVE INTERSECTION LEVELS OF SERVICE

Intersection	Peak Hour	Background		Interim Cumulative				Mitigated Interim Cumulative	
		Delay[1]	LOS[2]	Delay[1]	LOS[2]	Δ in Crit. V/C[3]	Δ in Crit. Delay[4]	Delay[1]	LOS[2]
Ramps [M]	PM	15.3	B	17.6	B	0.073	3.4		
105. Dixon Landing Rd / N. Milpitas Blvd [M]	AM	67.0	E	**76.4**	**E-**	**0.059**	**15.4**	Significant and Unavoidable	
	PM	62.2	E	**70.0**	**E**	**0.063**	**15.9**		
106. Scott Creek Rd. / Warm Springs Blvd. [F]	AM	28.1	C	29.1	C	0.001	7.4		
	PM	36.3	D+	36.3	D+	0.030	0.7		
107. Scott Creek Rd. / I-680 SB Ramps [Unsignalized] [F]	AM	19.8	C	19.8	C				
	PM	13.6	B	13.6	B				
108. Scott Creek Rd. / I-680 NB Ramps [Unsignalized] [F]	AM	8.2	A	8.2	A				
	PM	9.5	A	10.0	B				
109. McCarthy Blvd / Ranch Dr North [M]	AM	11.6	B+	14.4	B	0.011	0.1		
	PM	14.0	B	20.8	C+	0.089	4.1		
110. McCarthy Blvd / Ranch Dr South [M]	AM	14.6	B	50.0	D	0.128	65.1		
	PM	20.9	C+	42.5	D	-0.092	45.8		

Notes:

1 Whole intersection weighted average control delay expressed in seconds per vehicle calculated using methods described in the *2000 HCM*, with adjusted saturation flow rates to reflect Santa Clara County Conditions for signalized intersections. Total control delay for the worst movement is presented for side-street stop-controlled intersections.

2 LOS = Level of service. LOS calculations conducted using the TRAFFIX level of service analysis software package.

3 Change in the critical volume-to-capacity ratio (V/C) between Background and Interim Cumulative Conditions.

4 Change in critical movement delay between Background and Interim Cumulative Conditions.

(CMP) Congestion Management Program intersection, (F) City of Fremont intersection, (M) City of Milpitas intersection, (SC) City of Santa Clara intersection, (SJ) City of San Jose intersection

Bold text denotes intersections with significant impacts.

Midday Peak Hour (With Landmark Towers & Milpitas Square)

A supplemental midday analysis was conducted with traffic from both Landmark Towers and Milpitas Square. Intersection operations during the midday peak hour would degrade to unacceptable operations with the addition of traffic from Landmark Towers and redevelopment of Milpitas Square.

TABLE 13
PROJECT MIDDAY INTERSECTION LEVELS OF SERVICE

Intersection	Peak Hour	Existing		Project				Mitigated Project	
		Delay[1]	LOS[2]	Delay[1]	LOS[2]	Δ in Crit. V/C[3]	Δ in Crit. Delay[4]	Delay[1]	LOS[2]
Landmark Towers & Milpitas Square									
7. McCarthy Blvd / Bellew Dr [M]	Mid	24.8	C	**99.5**	**F**	**0.432**	**86.9**	54.1	D-
8. Bellew Dr / Barber Ln [M]	Mid	43.5	D	**60.3**	**E**[5]	**0.134**	**39.2**	42.7	D
12. Barber Ln / Alder Dr [M]	Mid	15.9	B	24.8	C	0.357	11.1		

Notes:

1 Whole intersection weighted average control delay expressed in seconds per vehicle calculated using methods described in the *2000 HCM*, with adjusted saturation flow rates to reflect Santa Clara County Conditions for signalized intersections. Total control delay for the worst movement is presented for side-street stop-controlled intersections.

2 LOS = Level of service. LOS calculations conducted using the TRAFFIX level of service analysis software package.

3 Change in the critical volume-to-capacity ratio (V/C) between Existing and Project Conditions.

4 Change in critical movement delay between Existing and Project Conditions.

5 Includes proposed improvements (additional lanes on westbound and northbound approaches).

(CMP) Congestion Management Program intersection, (F) City of Fremont intersection, (M) City of Milpitas intersection, (SC) City of Santa Clara intersection, (SJ) City of San Jose intersection

Bold text denotes intersections with significant impacts.

INTERSECTION IMPACTS AND MITIGATION MEASURES

Based on the impact criteria listed above, the addition of all four projects will have a significant impact at the following 14 intersections (9 of these locations were identified as significant impacts under Project Conditions):

City of Milpitas Intersections

SR 237 / I-880 NB Ramps – The mitigation measure identified in the previous chapter, conversion of the northbound center left-turn lane to a shared left- and right-turn lane, would provide acceptable LOS D operations. Thus, Interim Cumulative impacts would be mitigated to a ***less-than-significant*** level.

McCarthy Boulevard / Bellew Drive – The recommended mitigation measure under Project Conditions, restriping of the eastbound approach (one left-turn, one through, and one right-turn lane) to provide two left-turn lanes and one shared through/right-turn lane would improve operations, but the LOS would still be considered unacceptable based on the City's standard during the AM and PM peak hours. Thus, Interim Cumulative impacts at this location during the AM and PM peak hour are ***significant and unavoidable***. The proposed improvement and increasing the cycle length to 80 seconds would provide acceptable midday operations and mitigate the interim cumulative impact to ***less-than significant*** levels.

Bellew Drive / Barber Lane – The proposed improvements (addition of northbound left-turn lane and westbound through lane) associated with redevelopment of Milpitas Square would provide acceptable AM and

PM peak-hour operations. The proposed improvement, along with increasing the signal cycle length to 65 seconds, would provide acceptable mid-day operations. Thus, Interim Cumulative impacts would be mitigated to a ***less-than-significant*** level.

McCarthy Boulevard / Alder Drive – The addition of traffic from all four projects degrades the LOS E rating under Background Conditions to LOS F under Interim Cumulative Conditions during the PM peak hour. The addition of a second southbound left-turn lane (from McCarthy Boulevard to Alder Drive) would improve intersection operations, but this mitigation is considered infeasible due to right-of-way constraints. Thus, Interim Cumulative impacts at this location are **significant and unavoidable**.

McCarthy Boulevard / Tasman Drive – The addition of traffic from all four projects exacerbates LOS F operations during the AM peak hour and meets the significant impact thresholds. The restriping of the second southbound through lane (McCarthy Boulevard) into a dedicated right-turn lane with an overlap traffic signal phase would provide LOS E operations and mitigate Interim Cumulative impacts to a ***less-than-significant*** level.

Alder Drive / Tasman Drive – As indicated in the previous chapter, no feasible mitigation measures were identified. Thus, Interim Cumulative impacts at this location are **significant and unavoidable**.

Tasman Drive / I-880 SB Ramps – As indicated in the previous chapter, no feasible mitigation measures were identified. Thus, Interim Cumulative impacts at this location are **significant and unavoidable**. Signal coordination with adjacent intersections (i.e., Tasman Drive/Alder Drive and Great Mall Parkway/I-880 NB Ramps) will be the primary method of improving operations.

Great Mall Parkway / I-880 NB Ramps – As indicated in the previous chapter, no feasible mitigation measures were identified. Thus, Interim Cumulative impacts at this location are **significant and unavoidable**. Signal coordination with adjacent intersections (i.e., Tasman Drive/I-880 SB Ramps) will be the primary method of improving operations.

CMP Intersections

Calaveras Boulevard / Abel Street – The addition of traffic from all four projects exacerbates LOS F operations during the AM peak hour and meets the significant impact thresholds. No feasible mitigation measures were identified. Thus, Interim Cumulative impacts at this location are **significant and unavoidable**.

E. Calaveras Boulevard / S. Milpitas Boulevard – The addition of a third westbound through lane, identified as mitigation under Project Conditions, would provide LOS E- operations and mitigate Interim Cumulative impacts to a ***less-than-significant*** level.

McCarthy Boulevard-O'Toole Avenue / Montague Expressway – The proposed mitigation measure under Project Conditions, widening of the northbound approach to provide a dedicated right-turn lane, would provide LOS E operations and mitigate Interim Cumulative impacts to **less-than-significant** levels.

Great Mall Parkway-Capitol Ave / Montague Expressway – No feasible mitigation measures were identified at this intersection. Thus, Interim Cumulative impacts at this location are **significant and unavoidable**.

First Street / Montague Expressway – No feasible mitigation measures were identified at this intersection. Thus, Interim Cumulative impacts at this location are **significant and unavoidable**.

San Jose Intersections

McCarthy Boulevard-O'Toole Avenue / Montague Expressway – The proposed mitigation measure under Project Conditions, widening of the northbound approach to provide a dedicated right-turn lane, would provide LOS E operations and mitigate Interim Cumulative impacts to **less-than-significant** levels.

First Street / Montague Expressway – As stated above, no feasible mitigation measures were identified at this intersection. Thus, Interim Cumulative impacts at this location are **significant and unavoidable**.

Fremont Intersections

Dixon Landing Road / N. Milpitas Boulevard – The addition of traffic from all four projects exacerbates LOS E operations during both peak hours and meets the significant impact thresholds. No feasible mitigation measures were identified at this intersection. Thus, Interim Cumulative impacts at this location are **significant and unavoidable**.

6. YEAR 2030 CONDITIONS

This chapter discusses the analysis of the two Year 2030 scenarios (Year 2030 General Plan and Year 2030 General Plan Plus Project), which was conducted using projected roadway link volumes per City of Milpitas guidelines. Peak-hour roadway segment volumes are used for this long-term analysis since estimating intersection turning movement volumes in 2030 is considered speculative.

YEAR 2030 TRAFFIC VOLUMES

Year 2030 General Plan Volumes

Year 2030 AM and PM peak-hour roadway segment traffic volumes were obtained from the Valley Transportation Authority's regional travel demand model. This regional model is used by the VTA to produce traffic projections for use in transportation and air quality planning and includes buildout of the City of Milpitas according to its General Plan. The Year 2030 General Plan volumes assume that the project site is occupied by auto retail uses.

Year 2030 General Plan Plus Project Volumes

The net difference in new trips between the proposed project and the current site uses was added to the Year 2030 General Plan volumes to establish Year 2030 Plus Project volumes. Tables 13 and 14 present the Year 2030 General Plan AM and PM peak-hour roadway segment volumes, respectively, for both scenarios: 1) the site developed with auto retail uses only, and 2) the site developed with the proposed project uses.

YEAR 2030 ROADWAY SEGMENT LEVELS OF SERVICE

As shown in Tables 14 and 15, the addition of project traffic is estimated to cause the level of service ratings for 5 segments during either the AM or PM peak hours to degrade by one level. During the AM peak hour, two of these five segments will be projected to cause the segment to operate below its LOS standard. Similarly, during the PM peak hour, three of the five segments will now operate at unacceptable levels.

TABLE 14
YEAR 2030 AM PEAK-HOUR FORECASTS: GENERAL PLAN VERSUS GENERAL PLAN AMENDMENT

From	To	Dir	2004 Vol	2030 General Plan			2030 General Plan Plus Project			% Change	Impact ?
				Vol	V/C	LOS	Vol	V/C	LOS		
Interstate 880											
Dixon Landing Rd	Calaveras Blvd	SB	5,700	11,157	1.39	F	11,199	1.40	F	0.53%	No
Calaveras Blvd	Great Mall Pkwy	SB	4,750	4,532	0.76	C	4,542	0.76	C	0.17%	No
Great Mall Pkwy	Montague Expwy	SB	5,350	6,033	1.01	F	6,086	1.01	F	0.88%	No
Montague Expwy	Brokaw Rd	SB	4,950	6,392	1.07	F	6,445	1.07	F	0.88%	No
Brokaw Rd	Montague Expwy	NB	5,850	6,985	1.16	F	7,040	1.17	F	0.92%	No
Montague Expwy	Great Mall Pkwy	NB	5,150	6,887	1.15	F	6,942	1.16	F	0.92%	No
Great Mall Pkwy	Calaveras Blvd	NB	3,920	5,758	0.96	E	5,785	0.96	E	0.45%	No
Calaveras Blvd	Dixon Landing Rd	NB	7,970	8,524	1.07	F	8,566	1.07	F	0.53%	No
State Route 237 / Calaveras Boulevard											
McCarthy Blvd	I-880	EB	987	2,143	0.54	A	2,255	0.56	A	2.80%	No
I-880	Abbott Ave	EB	1,270	1,762	0.65	B	1,839	0.68	B	2.85%	No
Abbott Ave	Abel Ave	EB	1,250	1,829	0.68	B	1,906	0.71	C	2.85%	No
Abel Ave	Milpitas Blvd	EB	1,370	1,067	0.40	A	1,126	0.42	A	2.19%	No
Milpitas Blvd	Hillview Dr	EB	980	728	0.27	A	776	0.29	A	1.78%	No
Hillview Dr	I-680	EB	1,100	709	0.26	A	757	0.28	A	1.78%	No
I-680	Hillview Dr	WB	3,060	2,611	0.97	E	2,654	0.98	E	1.59%	No
Hillview Dr	Milpitas Blvd	WB	2,460	2,368	0.88	D	2,411	0.89	D	1.59%	No
Milpitas Blvd	Abel St	WB	2,480	3,138	1.16	F	3,191	1.18	F	1.96%	**Yes**
Abel St	Abbott Ave	WB	3,060	3,013	1.12	F	3,084	1.14	F	2.63%	**Yes**
Abbott Ave	I-880	WB	3,520	3,103	1.15	F	3,174	1.18	F	2.63%	**Yes**
I-880	McCarthy Blvd	WB	3,978	5,629	1.41	F	5,753	1.44	F	3.10%	**Yes**
Montague Expressway											
Trimble Rd	McCarthy Blvd	EB	1,108	3,140	0.95	E	3,185	0.97	E	1.36%	No
McCarthy Blvd	I-880	EB	622	2,505	0.76	C	2,537	0.77	C	0.97%	No
i-880	s. main St	EB	1,387	2,702	0.61	B	2,734	0.62	B	0.73%	No
S. Main St	McCandless Dr	EB	1,268	2,270	0.52	A	2,308	0.52	A	0.86%	No
McCandless Dr	Great Mall Pkwy	EB	646	2,097	0.48	A	2,116	0.48	A	0.43%	No
Great Mall Pkwy	S. Milpitas Blvd	EB	752	1,904	0.43	A	1,919	0.44	A	0.34%	No
S. Milpitas Blvd	I-680	EB	424	2,031	0.46	A	2,048	0.47	A	0.39%	No
I-680	S. Milpitas Blvd	WB	2,816	4,416	1.00	F	4,435	1.01	F	0.43%	No
S. Milpitas Blvd	Great Mall Pkwy	WB	2,400	5,207	1.18	F	5,226	1.19	F	0.43%	No
Great Mall Pkwy	McCandless Dr	WB	2,306	5,417	1.23	F	5,434	1.24	F	0.39%	No
McCandless Dr	S. Main St	WB	2,914	5,845	1.33	F	5,878	1.34	F	0.75%	No

S. Main St	I-880	WB	3,339	5,845	1.33	F	5,878	1.34	F	0.75%	No
I-880	McCarthy Blvd	WB	2,256	4,738	1.44	F	4,771	1.45	F	1.00%	No
McCarthy Blvd	Trimble Rd	WB	2,912	4,371	1.32	F	4,403	1.33	F	0.97%	No
McCarthy Boulevard											
Ranch Dr	SR 237 WB Rmp	SB	839	1,825	1.01	F	1,836	1.02	F	0.61%	No
SR 237 WB Rmp	Technology Dr	SB	1,450	2,021	1.12	F	2,216	1.23	F	10.83%	**Yes**
Technology Dr	Alder Dr	SB	1,005	1,750	0.97	E	1,757	0.98	E	0.39%	No
Alder Dr	Tasman Dr	SB	847	1,605	0.89	D	1,612	0.90	D	0.39%	No
Tasman Dr	Barber Ln	SB	380	1,067	0.59	A	1,072	0.60	A	0.28%	No
Barber Ln	Montague Expwy	SB	205	989	0.55	A	1,053	0.59	A	3.56%	No
Montague Expwy	Rincon Cir	SB	422	648	0.36	A	648	0.36	A	0.00%	No
Rincon Cir	Montague Expwy	NB	244	596	0.33	A	596	0.33	A	0.00%	No
Montague Expwy	Barber Ln	NB	569	1,948	1.08	F	2,026	1.13	F	4.33%	**Yes**
Barber Ln	Tasman Dr	NB	598	1,215	0.68	B	1,220	0.68	B	0.28%	No
Tasman Dr	Alder Dr	NB	369	1,167	0.65	B	1,176	0.65	B	0.50%	No
Alder Dr	Technology Dr	NB	552	1,308	0.73	C	1,317	0.73	C	0.50%	No
Technology Dr	SR 237 WB Rmp	NB	272	1,116	0.62	B	1,291	0.72	C	9.72%	No
SR 237 WB Rmp	Ranch Dr	NB	620	1,692	0.94	E	1,697	0.94	E	0.28%	No
Tasman Drive / Great Mall Parkway											
Cisco Way	McCarthy Blvd	EB	N/A	1,612	0.60	A	1,627	0.60	B	0.56%	No
McCarthy Blvd	I-880	EB	238	831	0.31	A	911	0.34	A	2.96%	No
I-880	S. Abel St	EB	317	892	0.33	A	911	0.34	A	0.70%	No
S. Abel St	S. Main St	EB	321	1,077	0.40	A	1,093	0.40	A	0.59%	No
S. Main St	Montague Expwy	EB	433	1,523	0.56	A	1,538	0.57	A	0.56%	No
Montague Expwy	Trade Zone Blvd	EB	318	1,717	0.64	B	1,736	0.64	B	0.70%	No
Trade Zone Blvd	Montague Expwy	WB	928	1,897	0.70	C	1,934	0.72	C	1.37%	No
Montague Expwy	S. Main St	WB	1,613	2,292	0.85	D	2,325	0.86	D	1.22%	No
S. Main St	S. Abel St	WB	1,473	2,439	0.90	E	2,473	0.92	E	1.26%	**Yes**
S. Abel St	I-880	WB	2,032	3,487	1.29	F	3,519	1.30	F	1.19%	**Yes**
I-880	McCarthy Blvd	WB	2,362	2,423	0.90	D	2,500	0.93	E	2.85%	**Yes**
McCarthy Blvd	Cisco Way	WB	N/A	3,326	1.23	F	3,336	1.24	F	0.37%	No
Milpitas Boulevard											
Jacklin Rd	Calaveras Blvd	SB	770	1,154	0.64	B	1,163	0.65	B	0.50%	No
Calaveras Blvd	Yosemite Dr	SB	830	1,387	0.77	C	1,391	0.77	C	0.22%	No
Yosemite Dr	Calaveras Blvd	NB	540	1,800	1.00	E	1,804	1.00	F	0.22%	No
Calaveras Blvd	Jacklin Rd	NB	620	919	0.51	A	926	0.51	A	0.39%	No
Abel Street											
N. Milpitas Blvd	Calaveras Blvd	SB	930	1,853	1.03	F	1,859	1.03	F	0.33%	No
Calaveras Blvd	Great Mall Pkwy	SB	530	1,561	0.87	D	1,574	0.87	D	0.72%	No
Great Mall Pkwy	Calaveras Blvd	NB	290	1,172	0.65	B	1,184	0.66	B	0.67%	No
Calaveras Blvd	N. Milpitas Blvd	NB	230	981	0.55	A	987	0.55	A	0.33%	No

Source: City of Milpitas provided Year 2030 General Plan volumes.

TABLE 15
YEAR 2030 AM PEAK-HOUR FORECASTS: GENERAL PLAN VERSUS GENERAL PLAN AMENDMENT

From	To	Dir	2004 Vol	2030 General Plan			2030 General Plan Plus Project			% Change	Impact ?
				Vol	V/C	LOS	Vol	V/C	LOS		
Interstate 880											
Dixon Landing Rd	Calaveras Blvd	SB	4,100	9,863	1.23	F	9,890	1.24	F	0.34%	No
Calaveras Blvd	Great Mall Pkwy	SB	3,620	5,765	0.96	E	5,773	0.96	E	0.13%	No
Great Mall Pkwy	Montague Expwy	SB	6,200	7,839	1.31	F	7,856	1.31	F	0.28%	No
Montague Expwy	Brokaw Rd	SB	5,100	7,660	1.28	F	7,695	1.28	F	0.58%	No
Brokaw Rd	Montague Expwy	NB	4,360	7,380	1.23	F	7,416	1.24	F	0.60%	No
Montague Expwy	Great Mall Pkwy	NB	5,150	7,627	1.27	F	7,645	1.27	F	0.30%	No
Great Mall Pkwy	Calaveras Blvd	NB	3,920	5,857	0.98	E	5,864	0.98	E	0.12%	No
Calaveras Blvd	Dixon Landing Rd	NB	7,970	11,161	1.40	F	11,185	1.40	F	0.30%	No
State Route 237 / Calaveras Boulevard											
McCarthy Blvd	I-880	EB	2,823	4,929	1.23	F	4,998	1.25	F	1.73%	**Yes**
I-880	Abbott Ave	EB	3,360	3,777	1.40	F	3,829	1.42	F	1.93%	**Yes**
Abbott Ave	Abel Ave	EB	2,940	3,540	1.31	F	3,588	1.33	F	1.78%	**Yes**
Abel Ave	Milpitas Blvd	EB	2,290	3,092	1.15	F	3,121	1.16	F	1.07%	**Yes**
Milpitas Blvd	Hillview Dr	EB	2,550	2,463	0.91	E	2,489	0.92	E	0.96%	No
Hillview Dr	I-680	EB	2,900	2,642	0.98	E	2,668	0.99	E	0.96%	No
I-680	Hillview Dr	WB	1,780	1,090	0.40	A	1,109	0.41	A	0.70%	No
Hillview Dr	Milpitas Blvd	WB	1,490	1,231	0.46	A	1,250	0.46	A	0.70%	No
Milpitas Blvd	Abel St	WB	1,510	1,704	0.63	B	1,733	0.64	B	1.07%	No
Abel St	Abbott Ave	WB	1,800	2,470	0.91	E	2,512	0.93	E	1.56%	No
Abbott Ave	I-880	WB	2,070	2,475	0.92	E	2,520	0.93	E	1.67%	No
I-880	McCarthy Blvd	WB	1,994	3,262	0.82	D	3,326	0.83	D	1.60%	No
Montague Expressway											
Trimble Rd	McCarthy Blvd	EB	3,101	4,405	1.33	F	4,426	1.34	F	0.64%	No
McCarthy Blvd	I-880	EB	3,563	4,399	1.33	F	4,441	1.35	F	1.27%	**Yes**
I-880	S. Main St	EB	4,030	5,779	1.31	F	5,803	1.32	F	0.55%	No
S. Main St	McCandless Dr	EB	3,670	5,743	1.31	F	5,767	1.31	F	0.55%	No
McCandless Dr	Great Mall Pkwy	EB	2,200	5,403	1.23	F	5,412	1.23	F	0.20%	No
Great Mall Pkwy	S. Milpitas Blvd	EB	2,620	5,329	1.21	F	5,341	1.21	F	0.27%	No
S. Milpitas Blvd	I-680	EB	3,200	4,979	1.13	F	4,991	1.13	F	0.27%	No
I-680	S. Milpitas Blvd	WB	1,242	2,877	0.65	B	2,890	0.66	B	0.30%	No
S. Milpitas Blvd	Great Mall Pkwy	WB	1,639	2,747	0.62	B	2,760	0.63	B	0.30%	No
Great Mall Pkwy	McCandless Dr	WB	1,720	2,893	0.66	B	2,910	0.66	B	0.39%	No
McCandless Dr	S. Main St	WB	1,960	2,877	0.65	B	2,900	0.66	B	0.52%	No

S. Main St	I-880	WB	1,990	3,191	0.73	C	3,214	0.73	C	0.52%	No
I-880	McCarthy Blvd	WB	1,584	2,411	0.73	C	2,452	0.74	C	1.24%	No
McCarthy Blvd	Trimble Rd	WB	1,774	3,237	0.98	E	3,258	0.99	E	0.64%	No
McCarthy Boulevard											
Ranch Dr	SR 237 WB Rmp	SB	1,058	1,945	1.08	F	1,958	1.09	F	0.72%	No
SR 237 WB Rmp	Technology Dr	SB	879	1,714	0.95	E	1,836	1.02	F	6.78%	**Yes**
Technology Dr	Alder Dr	SB	738	1,684	0.94	E	1,700	0.94	E	0.89%	No
Alder Dr	Tasman Dr	SB	690	1,246	0.69	B	1,262	0.70	C	0.89%	No
Tasman Dr	Barber Ln	SB	642	1,370	0.76	C	1,377	0.77	C	0.39%	No
Barber Ln	Montague Expwy	SB	1,308	2,173	1.21	F	2,238	1.24	F	3.61%	**Yes**
Montague Expwy	Rincon Cir	SB	562	644	0.36	A	645	0.36	A	0.06%	No
Rincon Cir	Montague Expwy	NB	453	864	0.48	A	868	0.48	A	0.22%	No
Montague Expwy	Barber Ln	NB	378	1,570	0.87	D	1,636	0.91	E	3.67%	**Yes**
Barber Ln	Tasman Dr	NB	472	1,544	0.86	D	1,561	0.87	D	0.94%	No
Tasman Dr	Alder Dr	NB	858	1,656	0.92	E	1,694	0.94	E	2.11%	**Yes**
Alder Dr	Technology Dr	NB	992	1,720	0.96	E	1,758	0.98	E	2.11%	**Yes**
Technology Dr	SR 237 WB Rmp	NB	1,370	2,070	1.15	F	2,182	1.21	F	6.22%	**Yes**
SR 237 WB Rmp	Ranch Dr	NB	1,806	2,136	1.19	F	2,148	1.19	F	0.67%	No
Tasman Drive / Great Mall Parkway											
Cisco Way	McCarthy Blvd	EB	N/A	3,372	1.25	F	3,400	1.26	F	1.04%	**Yes**
McCarthy Blvd	I-880	EB	2,173	2,678	0.99	E	2,726	1.01	F	1.78%	**Yes**
I-880	S. Abel St	EB	1,760	3,913	1.45	F	3,937	1.46	F	0.89%	No
S. Abel St	S. Main St	EB	1,140	2,715	1.01	F	2,735	1.01	F	0.74%	No
S. Main St	Montague Expwy	EB	1,810	2,807	1.04	F	2,827	1.05	F	0.74%	No
Montague Expwy	Trade Zone Blvd	EB	1,600	2,955	1.09	F	2,972	1.10	F	0.63%	No
Trade Zone Blvd	Montague Expwy	WB	690	1,472	0.55	A	1,496	0.55	A	0.89%	No
Montague Expwy	S. Main St	WB	680	1,535	0.57	A	1,555	0.58	A	0.74%	No
S. Main St	S. Abel St	WB	550	1,366	0.51	A	1,386	0.51	A	0.74%	No
S. Abel St	I-880	WB	560	1,296	0.48	A	1,319	0.49	A	0.85%	No
I-880	McCcarthy Blvd	WB	504	1,510	0.56	A	1,559	0.58	A	1.81%	No
McCarthy Blvd	Cisco Way	WB	N/A	2,350	0.87	D	2,367	0.88	D	0.63%	No
Milpitas Boulevard											
Jacklin Rd	Calaveras Blvd	SB	790	1,254	0.70	B	1,260	0.70	B	0.33%	No
Calaveras Blvd	Yosemite Dr	SB	490	1,815	1.01	F	1,816	1.01	F	0.06%	No
Yosemite Dr	Calaveras Blvd	NB	990	1,623	0.90	E	1,627	0.90	E	0.22%	No
Calaveras Blvd	Jacklin Rd	NB	1,010	1,357	0.75	C	1,359	0.76	C	0.11%	No
Abel Street											
N. Milpitas Blvd	Calaveras Blvd	SB	430	1,255	0.70	B	1,268	0.70	C	0.72%	No
Calaveras Blvd	Great Mall Pkwy	SB	410	1,435	0.80	C	1,435	0.80	C	0.00%	No
Great Mall Pkwy	Calaveras Blvd	NB	700	1,669	0.93	E	1,669	0.93	E	0.00%	No
Calaveras Blvd	N. Milpitas Blvd	NB	720	1,893	1.05	F	1,912	1.06	F	1.06%	**Yes**

Source: City of Milpitas provided Year 2030 General Plan volumes.

YEAR 2030 ROADWAY SEGMENT IMPACTS

Significant impacts to a roadway segment occur if one of the following occurs:

- The addition of traffic from the proposed project degrades operations under 2030 General Plan Buildout Conditions from an acceptable level to an unacceptable level.
- The proposed project adds trips that are more than one percent of the segment's capacity when the segment is operating at unacceptable levels under General Plan Buildout Conditions.

Acceptable operations are defined as LOS D or better for City roadway segments (e.g. McCarthy Boulevard, Milpitas Boulevard, Tasman Drive, Great Mall Parkway, and Abel Street) and LOS E or better for CMP roadway segments (e.g. I-880, SR 237, Calaveras Boulevard, Montague Expressway). Unacceptable operations are defined as LOS E or F for City roadway segments and LOS F for CMP roadway segments.

Based on the criteria above, the project is estimated to have an impact to four segments of Calaveras Boulevard and two segments of McCarthy Boulevard during the AM peak hour. During the PM peak hour, four segments of Calaveras Boulevard, one segment of Montague Expressway, six segments on McCarthy Boulevard, two segments on Tasman Drive, and one segment on Abel Drive will be impacted. The impacted segments are highlighted in bold text in Tables 13 and 14.

YEAR 2030 MITIGATION MEASURES

The City of Milpitas requires projects to pay their "fair share" of the improvement costs to mitigate the anticipated cumulative impacts of traffic from new developments on future deficient intersections. The developer will be required to pay an impact fee to provide mitigation for future deficiencies in traffic operations. The project proponent will be required to make a "fair share" contribution towards the Calaveras Boulevard (SR 237) Widening, Montague Expressway, and Milpitas Business Park improvement projects since the project adds traffic to these corridors.

7. PARKING

This chapter discusses the parking conditions of the proposed project, including a comparison of the number of proposed parking spaces to City Code and a shared parking analysis. The project proposes 1,392 total parking spaces in a garage.

CITY CODE REQUIREMENTS

The Milpitas Municipal Code (§XI-10-38.06) requires parking spaces for properties within mixed-use districts at the rates specified in Table 15. Based on these parking rates, the project needs 1,492 parking spaces. The project is deficient by 100 spaces.

TABLE 16
PARKING REQUIREMENTS

Land Use	Size	Rate	Stalls Required
Retail	148,805 s.f.	1 per 250 s.f.	595
Office	48,960 s.f.	3.3 per 1,000 s.f.	162
Commercial Subtotal			*757*
1 Bedroom Condominium	223 units	1.5 per unit	335
2+ Bedroom Condominium	152	2 per unit	304
Guest Parking	15% of Residential Total		96
Residential Subtotal			*735*
Total			**1,492**

Source: §XI-10-38.06, Milpitas Municipal Code, 2003.

SHARED PARKING ANALYSIS

Fehr & Peers conducted a shared-parking analysis since the proposed project contains a mix of uses, each with different parking characteristics. The shared parking analysis estimates the number of parking spaces needed to accommodate the overall peak demand of the site, which typically differs from what City code dictates for the individual land uses.

Background

The Urban Land Institute (ULI) provides parking information for an assortment of land uses to help determine the appropriate number of parking spaces needed to adequately serve mixed-use projects, as well as single-use projects with common parking facilities. Shared parking analyses illustrate the temporal distribution of parking demand by hour, day, and month. The parking demand for retail, office, and residential land uses have different peak times; therefore, combinations of these land uses require a smaller total parking supply than the supply for each individual land use added together. The analysis presented below is based on the method and rates developed by ULI in *Shared Parking* (2nd Edition, 2005).

Assumptions

The shared parking analysis for the proposed project uses the base parking ratios identified by ULI in Table 2-2 in *Shared Parking*. These rates include a factor that accounts for circulating vehicles, as parking facilities are considered "full" even though maximum capacity is not reached. The base ratios are adjusted by month and hour, as identified by ULI in Tables 2-3, 2-4, and 2-5 in *Shared Parking*. The retail rates account for the presence of restaurants in approximately 10% of the development. This analysis assumes no more than 20% of the retail space is composed of restaurants.

The shared parking analysis accounts for mode split and factors in a noncaptive ratio. The mode split reduces the parking demand proportionate to the number of customers and employees accessing the project by public transit, bicycle, and foot. A 100% automobile mode split was used for this analysis due to the limited public transit and bicycle facilities in the project vicinity, as well as the limited housing development in the surrounding area.

The noncaptive ratio reduces the parking demand proportionate to the number of customers and employees visiting land uses within the project from other uses within the project and adjacent properties where no new car trips are added. The noncaptive ratio does not necessarily correspond to the pass-by and diverted-link trip generation reductions sometimes taken for projects. A 100% noncaptive ratio was used for all components of the project at all times because of the small size of the office and residential space relative to the retail space.

Peak Parking Demand Estimates

The base parking ratios, monthly and hourly adjustments, mode split, and noncaptive ratio were used to estimate the total project parking demand. The peak parking demand occurs on December weekdays at 2 PM (to account for the holiday shopping period when retail demand is at a peak), where the project uses generate demand for 1,286 spaces. However, the December peak parking demand is significantly higher than the peak parking demand during any other period of the year. During the next busiest period of the year, the peak parking demand occurs on "late December" weekdays (the week between Christmas and New Year's Day) at 2 PM, when there is demand for 1,154 spaces. Table 16 contains the shared parking demand summary for the December and late December peak hours. Appendix G contains the charts showing weekday and weekend month-by-month estimated parking demand and daily parking demand by hour for the December and late December peak months.

The peak parking demand estimates using ULI base parking ratios were compared to estimates using the City code rates and the average and 85th-percentile peak period demand rates developed by ITE in *Parking Generation* (3rd Edition, 2004). As shown in Table 17, the peak parking demand estimates using City code and ITE 85th-percentile rates are higher than ULI estimates, and the estimates using ITE average rates are lower. The peak parking demand estimates using ULI, ITE, and City code rates have similar parking demand patterns, so the ULI rates were not adjusted for this analysis.

Shared parking analyses include a factor to account for circulating vehicles. Retail customer demand is the primary cause of the peak December demand, and driver tolerance for finding parking typically is higher during this period. Therefore, we do not recommend that parking facilities for this project be designed to meet the peak holiday shopping season demand for 1,286 spaces. Instead, we recommend that the parking facilities be designed to meet the next highest peak demand, which is for 1,154 spaces.

TABLE 17
ULI PEAK PARKING DEMAND ESTIMATES

Land Use	Rate[1]	Stalls Needed	
		December Peak[2]	Late December Peak[2]
Retail	2.9 customer 0.7 employee	432 104	346 94
Office	0.28 customer 3.39 employee	14 166	11 133
Residential	0.7 shared 1 reserved 0.15 guest	184 375 11	184 375 11
Total		***1,286***	***1,154***

Notes:
1 Rates per 1,000 s.f. or 1 d.u.
2 The peak shared parking demand reported in this table occurs on weekdays at 2 PM.
Source: *Shared Parking* (2nd Edition), Urban Land Institute, 2005.

TABLE 18
COMPARISON OF PEAK PARKING DEMAND ESTIMATES

Land Use	Total Stalls Needed			
	ULI	City Code	ITE Average	ITE 85th Percentile
December Peak[1]	1,286	1,356	1,236	1,487
Late December Peak[1]	1,154	1,213	1,099	1,316

Note:
1 The peak shared parking demand reported in this table occurs on weekdays at 2 PM.
Sources: §XI-10-38.06, Milpitas Municipal Code, 2003; Parking Generations (3rd Edition), Institute of Transportation Engineers, 2004; *Shared Parking* (2nd Edition), Urban Land Institute, 2005.

The project proposes 1,392 parking spaces. Based on the shared parking analysis using ULI rates, the parking supply should be between 1,154 and 1,286 parking spaces. Even if rates from the City code are used for the shared parking analysis, the necessary parking supply would be between 1,213 and 1,356 spaces. These values all fall more than 100 spaces below City code requirements, which provide no reductions for shared uses. The final determination of the necessary parking supply will be made by City staff.

APPENDIX A:
EXISTING TRAFFIC COUNTS

AM Peak-Hour Volume Count Worksheet

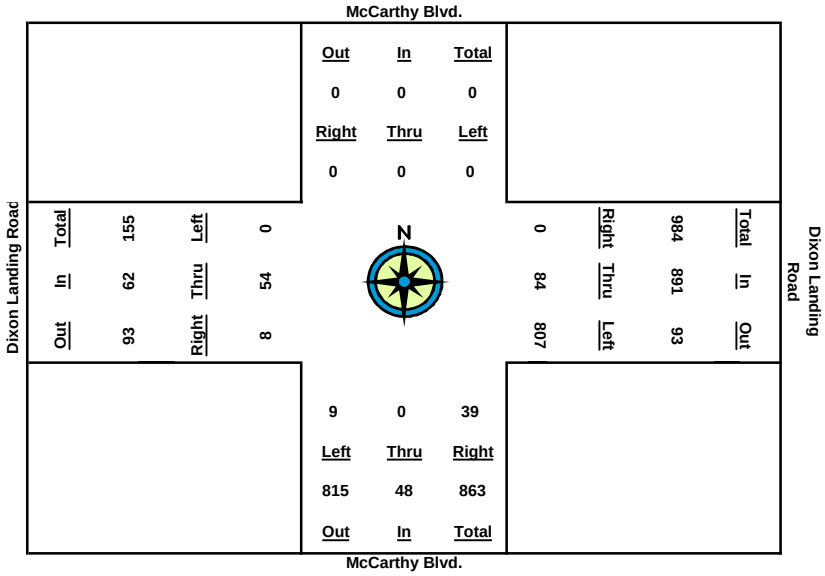
Date: 6/26/07
Counter: Alvan and Ngoc
Intersection Name: McCarthy Blvd. and Dixon Landing Road
Weather: Clear

AUTO-CENSUS
Traffic Monitoring and Analysis
870 Castlewood Dr. #1
Los Gatos, CA 95032
Phone 408-826-9673 Fax 408-877-1625

	McCarthy Blvd.				Dixon Landing Road				McCarthy Blvd.				Dixon Landing Road			
	North Approach				East Approach				South Approach				West Approach			
Start Time	Right	Thru	Left	Total	Right	Thru	Left	Total	Right	Thru	Left	Total	Right	Thru	Left	Total
7:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
7:15	0	0	0	0	0	8	109	117	8	0	2	10	1	11	0	12
7:30	0	0	0	0	0	29	263	292	16	0	2	18	2	23	0	25
7:45	0	0	0	0	0	41	452	493	31	0	3	34	4	32	0	36
8:00	0	0	0	0	0	70	667	737	47	0	5	52	5	41	0	46
8:15	0	0	0	0	0	93	850	943	52	0	7	59	7	51	0	58
8:30	0	0	0	0	0	110	1,065	1,175	60	0	9	69	9	68	0	77
8:45	0	0	0	0	0	125	1,259	1,384	70	0	12	82	12	86	0	98
9:00	0	0	0	0	0	138	1,435	1,573	79	0	14	93	14	102	0	116

Peak Hour	Right	Thru	Left	Total	Right	Thru	Left	Total	Right	Thru	Left	Total	Right	Thru	Left	Total	PK Hour
7:00 - 8:00	0	0	0	0	0	70	667	737	47	0	5	52	5	41	0	46	835
7:15 - 8:15	0	0	0	0	0	85	741	826	44	0	5	49	6	40	0	46	921
7:30 - 8:30	0	0	0	0	0	81	802	883	44	0	7	51	7	45	0	52	986
7:45 - 8:45	0	0	0	0	0	84	807	891	39	0	9	48	8	54	0	62	1,001
8:00 - 9:00	0	0	0	0	0	68	768	836	32	0	9	41	9	61	0	70	947
Peak Volumes:	**0**	**0**	**0**	**0**	**0**	**84**	**807**	**891**	**39**	**0**	**9**	**48**	**8**	**54**	**0**	**62**	**1,001**

Cut and Paste	NBL	NBT	NBR	SBL	SBT	SBR	EBL	EBT	EBR	WBL	WBT	WBR
	9	0	39	0	0	0	0	54	8	807	84	0



AM Peak-Hour Volume Count Worksheet

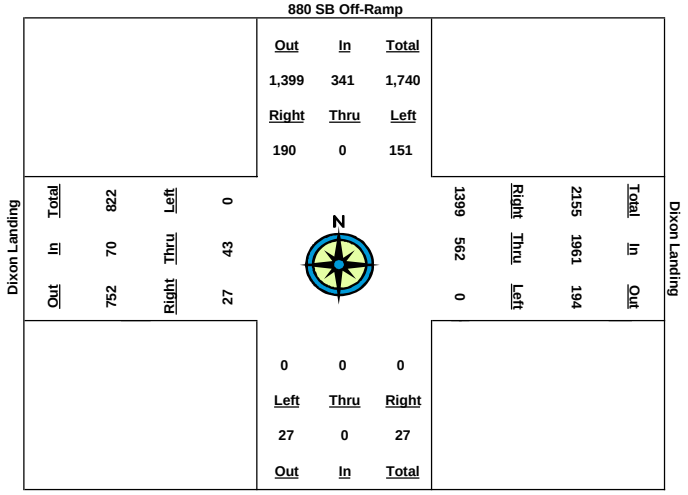
Date: 5/3/07
Counter: Alvan and Shaun
Intersection Name: 880 SB Ramps and Dixon Landing Rd.
Weather: Clear

AUTO-CENSUS
Traffic Monitoring and Analysis
870 Castlewood Dr. #1
Los Gatos, CA 95032
Phone 408-826-9673 Fax 408-877-1625

	880 SB Off-Ramp				Dixon Landing				880 SB Off-Ramp				Dixon Landing			
	North Approach				East Approach				South Approach				West Approach			
Start Time	Right	Thru	Left	Total	Right	Thru	Left	Total	Right	Thru	Left	Total	Right	Thru	Left	Total
7:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
7:15	34	0	17	51	290	96	0	386	0	0	0	0	5	13	0	18
7:30	76	0	60	136	646	211	0	857	0	0	0	0	15	32	0	47
7:45	111	0	108	219	1,033	343	0	1,376	0	0	0	0	24	42	0	66
8:00	152	0	149	301	1,409	521	0	1,930	0	0	0	0	33	60	0	93
8:15	187	0	175	362	1,696	638	0	2,334	0	0	0	0	35	66	0	101
8:30	243	0	216	459	2,026	813	0	2,839	0	0	0	0	39	72	0	111
8:45	301	0	259	560	2,432	905	0	3,337	0	0	0	0	51	85	0	136
9:00	351	0	298	649	2,701	1,106	0	3,807	0	0	0	0	66	94	0	160

Peak Hour	Right	Thru	Left	Total	Right	Thru	Left	Total	Right	Thru	Left	Total	Right	Thru	Left	Total	PK Hour
7:00 - 8:00	152	0	149	301	1,409	521	0	1,930	0	0	0	0	33	60	0	93	2,324
7:15 - 8:15	153	0	158	311	1,406	542	0	1,948	0	0	0	0	30	53	0	83	2,342
7:30 - 8:30	167	0	156	323	1,380	602	0	1,982	0	0	0	0	24	40	0	64	2,369
7:45 - 8:45	190	0	151	341	1,399	562	0	1,961	0	0	0	0	27	43	0	70	2,372
8:00 - 9:00	199	0	149	348	1,292	585	0	1,877	0	0	0	0	33	34	0	67	2,292
Peak Volumes:	**190**	**0**	**151**	**341**	**1,399**	**562**	**0**	**1,961**	**0**	**0**	**0**	**0**	**27**	**43**	**0**	**70**	**2,372**

Cut and Paste	NR	NT	NL		ER	ET	EL		SR	ST	SL		WR	WT	WL
	190	0	151		1,399	562	0		0	0	0		27	43	0



AM Peak-Hour Volume Count Worksheet

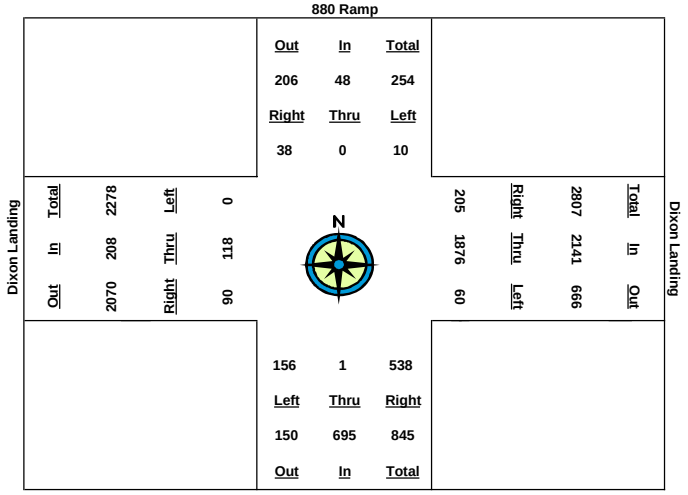
Date: 4/24/07
Counter: Rholan and JR
Intersection Name: California Cir-880 ramp and Dixon Landing Rd
Weather: Clear
City/Project: Milpitas - 07GB14

HEXAGON TRANSPORTATION CONSULTANTS
40 S. Market Street, Suite 600
San Jose, CA 95113
Phone 408-971-6100 Fax 408-971-6102

	880 Ramp				Dixon Landing				California Cir				Dixon Landing			
	North Approach				East Approach				South Approach				West Approach			
Start Time	Right	Thru	Left	Total	Right	Thru	Left	Total	Right	Thru	Left	Total	Right	Thru	Left	Total
7:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
7:15	10	0	1	11	46	416	15	477	106	3	35	144	17	42	0	59
7:30	18	0	3	21	99	911	33	1,043	260	3	65	328	33	73	0	106
7:45	27	0	6	33	159	1,396	45	1,600	391	4	100	495	57	104	0	161
8:00	36	0	9	45	216	1,830	54	2,100	545	4	127	676	83	141	0	224
8:15	45	0	11	56	261	2,234	77	2,572	670	4	168	842	101	164	0	265
8:30	56	0	13	69	304	2,787	93	3,184	798	4	221	1,023	123	191	0	314
8:45	62	0	17	79	342	3,147	100	3,589	901	4	260	1,165	151	216	0	367
9:00	78	0	19	97	380	3,635	121	4,136	1,028	4	312	1,344	178	239	0	417

Peak Hour	Right	Thru	Left	Total	Right	Thru	Left	Total	Right	Thru	Left	Total	Right	Thru	Left	Total	PK Hour
7:00 - 8:00	36	0	9	45	216	1,830	54	2,100	545	4	127	676	83	141	0	224	3,045
7:15 - 8:15	35	0	10	45	215	1,818	62	2,095	564	1	133	698	84	122	0	206	3,044
7:30 - 8:30	38	0	10	48	205	1,876	60	2,141	538	1	156	695	90	118	0	208	3,092
7:45 - 8:45	35	0	11	46	183	1,751	55	1,989	510	0	160	670	94	112	0	206	2,911
8:00 - 9:00	42	0	10	52	164	1,805	67	2,036	483	0	185	668	95	98	0	193	2,949
Peak Volumes:	**38**	**0**	**10**	**48**	**205**	**1,876**	**60**	**2,141**	**538**	**1**	**156**	**695**	**90**	**118**	**0**	**208**	**3,092**

Cut and Paste	NR	NT	NL		ER	ET	EL		SR	ST	SL		WR	WT	WL
	38	0	10		205	1,876	60		538	1	156		90	118	0



AM Peak-Hour Volume Count Worksheet

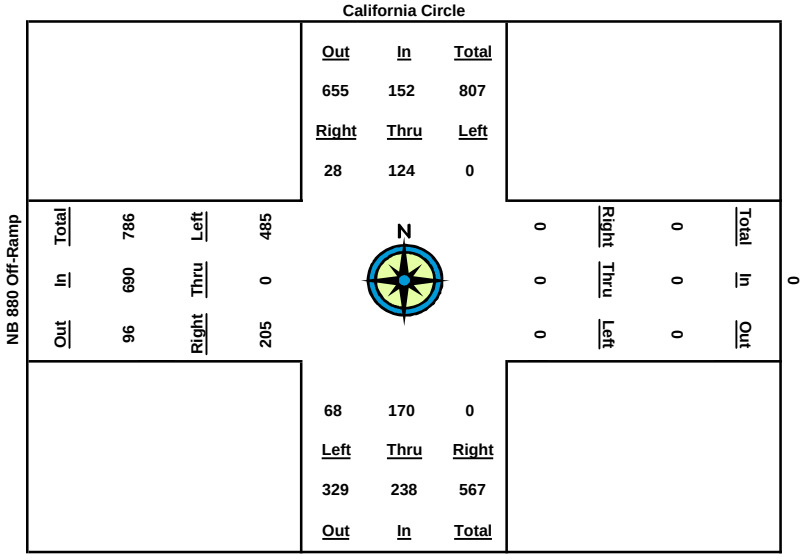
Date: 6/20/07
Counter: Kevin and Dianne
Intersection Name: NB 880 Ramps and California Circle
Weather: Clear

AUTO-CENSUS
Traffic Monitoring and Analysis
870 Castlewood Dr. #1
Los Gatos, CA 95032
Phone 408-826-9673 Fax 408-877-1625

	California Circle								California Circle				NB 880 Off-Ramp			
	North Approach				East Approach				South Approach				West Approach			
Start Time	Right	Thru	Left	Total	Right	Thru	Left	Total	Right	Thru	Left	Total	Right	Thru	Left	Total
7:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
7:15	9	33	0	42	0	0	0	0	0	23	11	34	30	0	61	91
7:30	15	59	0	74	0	0	0	0	0	50	19	69	84	0	174	258
7:45	21	89	0	110	0	0	0	0	0	81	25	106	116	0	294	410
8:00	28	122	0	150	0	0	0	0	0	119	43	162	151	0	417	568
8:15	32	153	0	185	0	0	0	0	0	147	63	210	214	0	514	728
8:30	42	188	0	230	0	0	0	0	0	194	83	277	264	0	655	919
8:45	49	213	0	262	0	0	0	0	0	251	93	344	321	0	779	1,100
9:00	57	236	0	293	0	0	0	0	0	301	104	405	373	0	860	1,233

Peak Hour	Right	Thru	Left	Total	Right	Thru	Left	Total	Right	Thru	Left	Total	Right	Thru	Left	Total	PK Hour
7:00 - 8:00	28	122	0	150	0	0	0	0	0	119	43	162	151	0	417	568	880
7:15 - 8:15	23	120	0	143	0	0	0	0	0	124	52	176	184	0	453	637	956
7:30 - 8:30	27	129	0	156	0	0	0	0	0	144	64	208	180	0	481	661	1,025
7:45 - 8:45	28	124	0	152	0	0	0	0	0	170	68	238	205	0	485	690	1,080
8:00 - 9:00	29	114	0	143	0	0	0	0	0	182	61	243	222	0	443	665	1,051
Peak Volumes:	**28**	**124**	**0**	**152**	**0**	**0**	**0**	**0**	**0**	**170**	**68**	**238**	**205**	**0**	**485**	**690**	**1,080**

Cut and Paste	NBL	NBT	NBR	SBL	SBT	SBR	EBL	EBT	EBR	WBL	WBT	WBR
	68	170	0	0	124	28	485	0	205	0	0	0



AM Peak-Hour Volume Count Worksheet

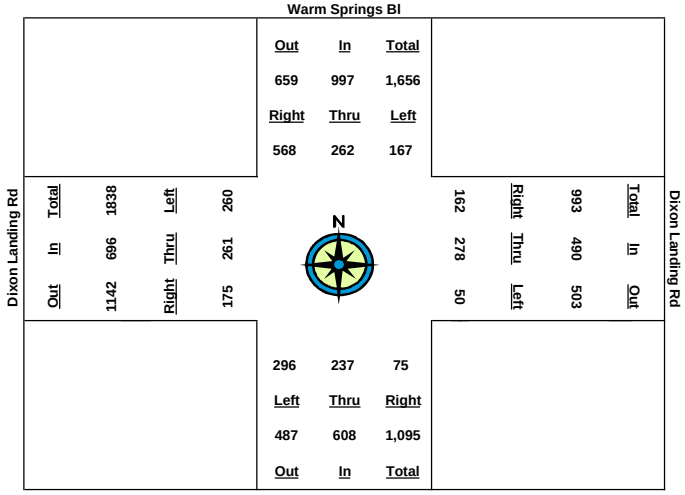
HEXAGON TRANSPORTATION CONSULTANTS
40 S. Market Street, Suite 600
San Jose, CA 95113
Phone 408-971-6100 Fax 408-971-6102

Date: 3/21/07
Counter: Ronald & Shaun
Intersection Name: Warm Springs Bl and Dixon Landing Rd
Weather: Cloudy, then clean
City/Project: Milpitas - Fremont Milmont - 07GB14

	Warm Springs Bl				Dixon Landing Rd				Warm Springs Bl				Dixon Landing Rd			
	North Approach				East Approach				South Approach				West Approach			
Start Time	Right	Thru	Left	Total	Right	Thru	Left	Total	Right	Thru	Left	Total	Right	Thru	Left	Total
7:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
7:15	136	47	21	204	9	57	4	70	1	40	40	81	28	24	49	101
7:30	277	99	38	414	31	132	7	170	4	72	98	174	56	60	115	231
7:45	405	163	86	654	63	195	14	272	17	118	166	301	95	109	183	387
8:00	538	237	146	921	111	255	33	399	47	189	221	457	154	201	279	634
8:15	685	291	176	1,152	165	340	40	545	67	254	318	639	199	285	323	807
8:30	845	361	205	1,411	193	410	57	660	79	309	394	782	231	321	375	927
8:45	996	446	222	1,664	215	457	64	736	84	361	477	922	263	336	436	1,035
9:00	1,124	493	241	1,858	242	502	76	820	89	421	551	1,061	288	361	496	1,145

Peak Hour	Right	Thru	Left	Total	Right	Thru	Left	Total	Right	Thru	Left	Total	Right	Thru	Left	Total	PK Hour
7:00 - 8:00	538	237	146	921	111	255	33	399	47	189	221	457	154	201	279	634	2,411
7:15 - 8:15	549	244	155	948	156	283	36	475	66	214	278	558	171	261	274	706	2,687
7:30 - 8:30	568	262	167	997	162	278	50	490	75	237	296	608	175	261	260	696	2,791
7:45 - 8:45	591	283	136	1,010	152	262	50	464	67	243	311	621	168	227	253	648	2,743
8:00 - 9:00	586	256	95	937	131	247	43	421	42	232	330	604	134	160	217	511	2,473
Peak Volumes:	**568**	**262**	**167**	**997**	**162**	**278**	**50**	**490**	**75**	**237**	**296**	**608**	**175**	**261**	**260**	**696**	**2,791**

Cut and Paste	NR	NT	NL		ER	ET	EL		SR	ST	SL		WR	WT	WL
	568	262	167		162	278	50		75	237	296		175	261	260



AM Peak-Hour Volume Count Worksheet

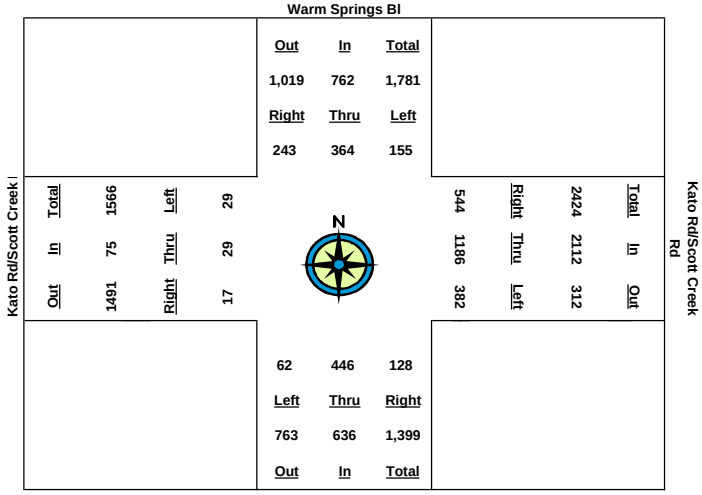
HEXAGON TRANSPORTATION CONSULTANTS
40 S. Market Street, Suite 600
San Jose, CA 95113
Phone 408-971-6100 Fax 408-971-6102

Date: 3/21/07
Counter: Michelle & Nathan
Intersection Name: Warm Springs Bl and Kato Rd/Scot Creek Rd
Weather: Cloudy, then clear
City/Project: Fremont - Fremont Milmont - 07GB14

	Warm Springs Bl				Kato Rd/Scott Creek Rd				Warm Springs Bl				Kato Rd/Scott Creek Rd			
	North Approach				East Approach				South Approach				West Approach			
Start Time	Right	Thru	Left	Total	Right	Thru	Left	Total	Right	Thru	Left	Total	Right	Thru	Left	Total
7:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
7:15	29	67	19	115	65	178	90	333	33	36	11	80	3	2	3	8
7:30	66	149	38	253	131	375	189	695	73	95	21	189	3	9	11	23
7:45	102	237	66	405	241	617	324	1,182	123	165	36	324	4	18	21	43
8:00	168	318	86	572	381	971	432	1,784	164	293	54	511	10	24	26	60
8:15	236	406	127	769	552	1,198	509	2,259	187	418	74	679	13	30	33	76
8:30	299	491	173	963	686	1,504	611	2,801	205	507	83	795	17	40	36	93
8:45	345	601	221	1,167	785	1,803	706	3,294	251	611	98	960	21	47	50	118
9:00	387	676	234	1,297	863	2,003	789	3,655	280	678	113	1,071	24	59	57	140

Peak Hour	Right	Thru	Left	Total	Right	Thru	Left	Total	Right	Thru	Left	Total	Right	Thru	Left	Total	PK Hour
7:00 - 8:00	168	318	86	572	381	971	432	1,784	164	293	54	511	10	24	26	60	2,927
7:15 - 8:15	207	339	108	654	487	1,020	419	1,926	154	382	63	599	10	28	30	68	3,247
7:30 - 8:30	233	342	135	710	555	1,129	422	2,106	132	412	62	606	14	31	25	70	3,492
7:45 - 8:45	243	364	155	762	544	1,186	382	2,112	128	446	62	636	17	29	29	75	3,585
8:00 - 9:00	219	358	148	725	482	1,032	357	1,871	116	385	59	560	14	35	31	80	3,236
Peak Volumes:	**243**	**364**	**155**	**762**	**544**	**1,186**	**382**	**2,112**	**128**	**446**	**62**	**636**	**17**	**29**	**29**	**75**	**3,585**

Cut and Paste	NR	NT	NL		ER	ET	EL		SR	ST	SL		WR	WT	WL
	243	364	155		544	1,186	382		128	446	62		17	29	29



AM Peak-Hour Volume Count Worksheet

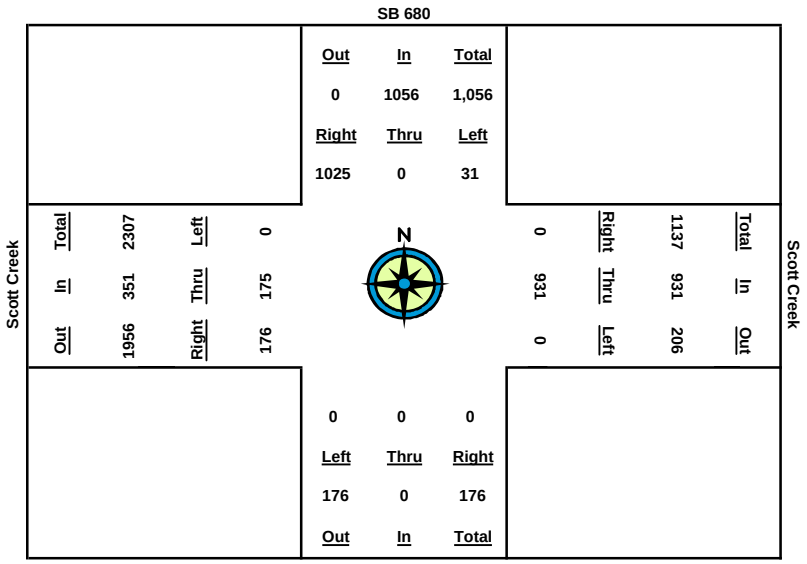
Date: 6/19/07
Counter: Patti & Shaun Alvarez
Intersection Name: SB 680 & Scott Creek
Weather: Clear

AUTO-CENSUS
Traffic Monitoring and Analysis
870 Castlewood Dr. #1
Los Gatos, CA 95032
Phone 408-826-9673 Fax 408-877-1625

	SB 680				Scott Creek				SB 680				Scott Creek			
	North Approach				East Approach				South Approach				West Approach			
Start Time	Right	Thru	Left	Total	Right	Thru	Left	Total	Right	Thru	Left	Total	Right	Thru	Left	Total
7:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
7:15	270	0	7	277	0	162	0	162	0	0	0	0	34	36	0	70
7:30	470	0	12	482	0	332	0	332	0	0	0	0	81	69	0	150
7:45	682	0	19	701	0	561	0	561	0	0	0	0	135	127	0	262
8:00	941	0	24	965	0	857	0	857	0	0	0	0	187	181	0	368
8:15	1,205	0	31	1,236	0	1,059	0	1,059	0	0	0	0	209	198	0	407
8:30	1,466	0	43	1,509	0	1,254	0	1,254	0	0	0	0	146	233	0	379
8:45	1,707	0	50	1,757	0	1,492	0	1,492	0	0	0	0	311	302	0	613
9:00	1,948	0	60	2,008	0	1,675	0	1,675	0	0	0	0	376	335	0	711

Peak Hour	Right	Thru	Left	Total	Right	Thru	Left	Total	Right	Thru	Left	Total	Right	Thru	Left	Total	PK Hour
7:00 - 8:00	941	0	24	965	0	857	0	857	0	0	0	0	187	181	0	368	2,190
7:15 - 8:15	935	0	24	959	0	897	0	897	0	0	0	0	175	162	0	337	2,193
7:30 - 8:30	996	0	31	1,027	0	922	0	922	0	0	0	0	65	164	0	229	2,178
7:45 - 8:45	1,025	0	31	1,056	0	931	0	931	0	0	0	0	176	175	0	351	2,338
8:00 - 9:00	1,007	0	36	1,043	0	818	0	818	0	0	0	0	189	154	0	343	2,204
Peak Volumes:	**1,025**	**0**	**31**	**1,056**	**0**	**931**	**0**	**931**	**0**	**0**	**0**	**0**	**176**	**175**	**0**	**351**	**2,338**

Cut and Paste	NBL	NBT	NBR	SBL	SBT	SBR	EBL	EBT	EBR	WBL	WBT	WBR
	0	0	0	31	0	1,025	0	175	176	0	931	0



AM Peak-Hour Volume Count Worksheet

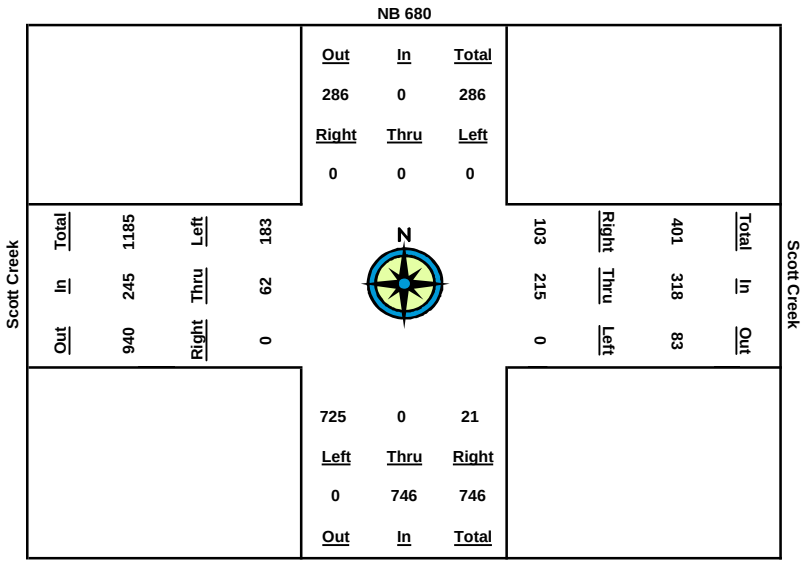
Date: 6/19/07
Counter: Alvan & Ngoc
Intersection Name: NB 680 & (Scott Creek) Kato Rd.
Weather: Clear

AUTO-CENSUS
Traffic Monitoring and Analysis
870 Castlewood Dr. #1
Los Gatos, CA 95032
Phone 408-826-9673 Fax 408-877-1625

	NB 680				Scott Creek				NB 680				Scott Creek			
	North Approach				East Approach				South Approach				West Approach			
Start Time	Right	Thru	Left	Total	Right	Thru	Left	Total	Right	Thru	Left	Total	Right	Thru	Left	Total
7:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
7:15	0	0	0	0	9	22	0	31	5	0	126	131	0	8	31	39
7:30	0	0	0	0	118	63	0	181	13	0	278	291	0	17	63	80
7:45	0	0	0	0	38	110	0	148	18	0	484	502	0	24	118	142
8:00	0	0	0	0	53	161	0	214	21	0	709	730	0	37	142	179
8:15	0	0	0	0	76	207	0	283	28	0	861	889	0	49	190	239
8:30	0	0	0	0	108	252	0	360	34	0	1,005	1,039	0	67	234	301
8:45	0	0	0	0	141	325	0	466	39	0	1,209	1,248	0	86	301	387
9:00	0	0	0	0	160	368	0	528	45	0	1,329	1,374	0	99	338	437

Peak Hour	Right	Thru	Left	Total	Right	Thru	Left	Total	Right	Thru	Left	Total	Right	Thru	Left	Total	PK Hour
7:00 - 8:00	0	0	0	0	53	161	0	214	21	0	709	730	0	37	142	179	1,123
7:15 - 8:15	0	0	0	0	67	185	0	252	23	0	735	758	0	41	159	200	1,210
7:30 - 8:30	0	0	0	0	-10	189	0	179	21	0	727	748	0	50	171	221	1,148
7:45 - 8:45	0	0	0	0	103	215	0	318	21	0	725	746	0	62	183	245	1,309
8:00 - 9:00	0	0	0	0	107	207	0	314	24	0	620	644	0	62	196	258	1,216
Peak Volumes:	**0**	**0**	**0**	**0**	**103**	**215**	**0**	**318**	**21**	**0**	**725**	**746**	**0**	**62**	**183**	**245**	**1,309**

Cut and Paste	NBL	NBT	NBR	SBL	SBT	SBR	EBL	EBT	EBR	WBL	WBT	WBR
	725	0	21	0	0	0	183	62	0	0	215	103



AM Peak-Hour Volume Count Worksheet

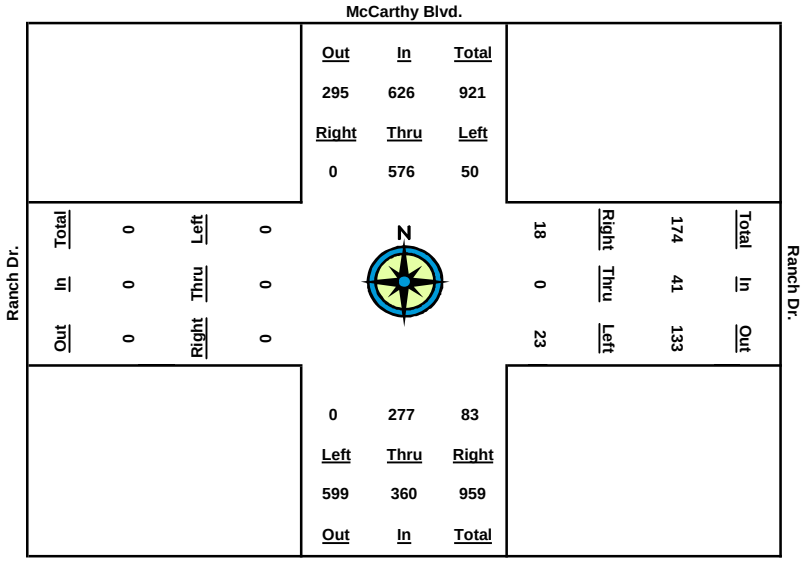
Date: 6/20/07
Counter: Alvan & Ngoc
Intersection Name: McCarthy Blvd. & Ranch Dr. North
Weather: Clear

AUTO-CENSUS
Traffic Monitoring and Analysis
870 Castlewood Dr. #1
Los Gatos, CA 95032
Phone 408-826-9673 Fax 408-877-1625

	McCarthy Blvd.				Ranch Dr.				McCarthy Blvd.				Ranch Dr.			
	North Approach				East Approach				South Approach				West Approach			
Start Time	Right	Thru	Left	Total	Right	Thru	Left	Total	Right	Thru	Left	Total	Right	Thru	Left	Total
7:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
7:15	0	83	7	90	5	0	1	6	13	19	0	32	0	0	0	0
7:30	0	188	19	207	6	0	5	11	29	49	0	78	0	0	0	0
7:45	0	331	36	367	7	0	6	13	43	90	0	133	0	0	0	0
8:00	0	479	44	523	7	0	9	16	68	143	0	211	0	0	0	0
8:15	0	594	53	647	14	0	17	31	91	217	0	308	0	0	0	0
8:30	0	746	69	815	22	0	22	44	107	278	0	385	0	0	0	0
8:45	0	919	86	1,005	24	0	31	55	129	347	0	476	0	0	0	0
9:00	0	1,055	94	1,149	25	0	32	57	151	420	0	571	0	0	0	0

Peak Hour	Right	Thru	Left	Total	Right	Thru	Left	Total	Right	Thru	Left	Total	Right	Thru	Left	Total	PK Hour
7:00 - 8:00	0	479	44	523	7	0	9	16	68	143	0	211	0	0	0	0	750
7:15 - 8:15	0	511	46	557	9	0	16	25	78	198	0	276	0	0	0	0	858
7:30 - 8:30	0	558	50	608	16	0	17	33	78	229	0	307	0	0	0	0	948
7:45 - 8:45	0	588	50	638	17	0	25	42	86	257	0	343	0	0	0	0	1,023
8:00 - 9:00	0	576	50	626	18	0	23	41	83	277	0	360	0	0	0	0	1,027
Peak Volumes:	**0**	**576**	**50**	**626**	**18**	**0**	**23**	**41**	**83**	**277**	**0**	**360**	**0**	**0**	**0**	**0**	**1,027**

Cut and Paste	NBL	NBT	NBR	SBL	SBT	SBR	EBL	EBT	EBR	WBL	WBT	WBR
	0	277	83	50	576	0	0	0	0	23	0	18



AM Peak-Hour Volume Count Worksheet

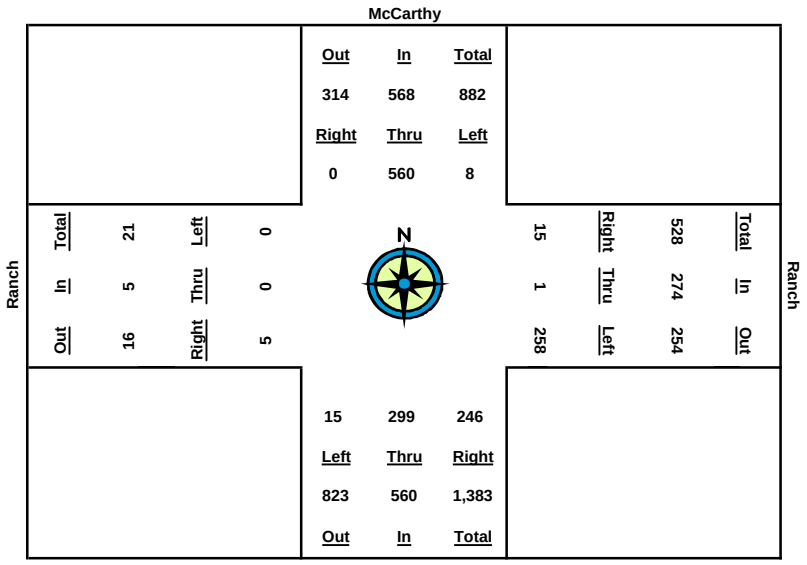
Date: 6/20/07
Counter: Jamie& Huy
Intersection Name: McCarthy Blvd. & Ranch Dr. South
Weather: Clear

AUTO-CENSUS
Traffic Monitoring and Analysis
870 Castlewood Dr. #1
Los Gatos, CA 95032
Phone 408-826-9673 Fax 408-877-1625

	McCarthy				Ranch				McCarthy				Ranch			
	North Approach				East Approach				South Approach				West Approach			
Start Time	Right	Thru	Left	Total	Right	Thru	Left	Total	Right	Thru	Left	Total	Right	Thru	Left	Total
7:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
7:15	0	92	2	94	3	0	54	57	66	37	3	106	1	0	0	1
7:30	0	207	2	209	7	0	121	128	104	86	6	196	2	0	0	2
7:45	0	357	3	360	10	0	179	189	145	128	11	284	3	0	0	3
8:00	0	531	4	535	12	1	252	265	198	204	19	421	6	0	0	6
8:15	0	663	5	668	18	1	301	320	257	281	21	559	7	0	0	7
8:30	0	790	9	799	22	1	368	391	321	350	26	697	8	0	0	8
8:45	0	917	11	928	25	1	437	463	391	427	26	844	8	0	0	8
9:00	0	948	18	966	27	1	503	531	467	502	26	995	8	0	0	8

Peak Hour	Right	Thru	Left	Total	Right	Thru	Left	Total	Right	Thru	Left	Total	Right	Thru	Left	Total	PK Hour
7:00 - 8:00	0	531	4	535	12	1	252	265	198	204	19	421	6	0	0	6	1,227
7:15 - 8:15	0	571	3	574	15	1	247	263	191	244	18	453	6	0	0	6	1,296
7:30 - 8:30	0	583	7	590	15	1	247	263	217	264	20	501	6	0	0	6	1,360
7:45 - 8:45	0	560	8	568	15	1	258	274	246	299	15	560	5	0	0	5	1,407
8:00 - 9:00	0	417	14	431	15	0	251	266	269	298	7	574	2	0	0	2	1,273
Peak Volumes:	**0**	**560**	**8**	**568**	**15**	**1**	**258**	**274**	**246**	**299**	**15**	**560**	**5**	**0**	**0**	**5**	**1,407**

Cut and Paste	NBL	NBT	NBR	SBL	SBT	SBR	EBL	EBT	EBR	WBL	WBT	WBR
	15	299	246	8	560	0	0	0	5	258	1	15



AM Peak-Hour Volume Count Worksheet

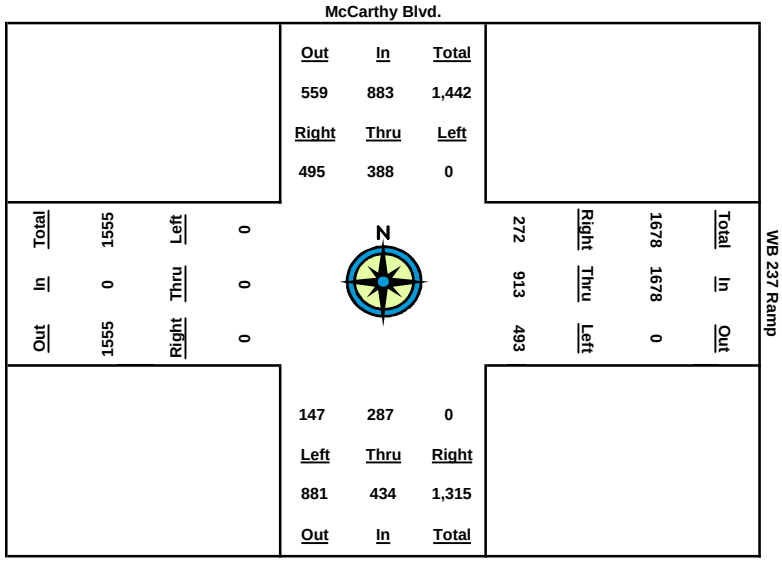
Date: 7/11/07
Counter: Logan & Jane
Intersection Name: WB 237 & McCarthy Blvd.
Weather: Clear

AUTO-CENSUS
Traffic Monitoring and Analysis
870 Castlewood Dr. #1
Los Gatos, CA 95032
Phone 408-826-9673 Fax 408-877-1625

	McCarthy Blvd.				WB 237 Ramp				McCarthy Blvd.							
	North Approach				East Approach				South Approach				West Approach			
Start Time	Right	Thru	Left	Total	Right	Thru	Left	Total	Right	Thru	Left	Total	Right	Thru	Left	Total
7:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
7:15	74	68	0	142	42	205	96	343	0	46	26	72	0	0	0	0
7:30	174	123	0	297	82	428	181	691	0	86	54	140	0	0	0	0
7:45	283	202	0	485	159	714	309	1,182	0	149	98	247	0	0	0	0
8:00	397	296	0	693	213	910	429	1,552	0	221	117	338	0	0	0	0
8:15	569	456	0	1,025	314	1,118	589	2,021	0	333	173	506	0	0	0	0
8:30	663	554	0	1,217	399	1,222	673	2,294	0	389	199	588	0	0	0	0
8:45	798	703	0	1,501	490	1,401	804	2,695	0	469	236	705	0	0	0	0
9:00	908	788	0	1,696	586	1,551	917	3,054	0	553	258	811	0	0	0	0

Peak Hour	Right	Thru	Left	Total	Right	Thru	Left	Total	Right	Thru	Left	Total	Right	Thru	Left	Total	PK Hour
7:00 - 8:00	397	296	0	693	213	910	429	1,552	0	221	117	338	0	0	0	0	2,583
7:15 - 8:15	495	388	0	883	272	913	493	1,678	0	287	147	434	0	0	0	0	2,995
7:30 - 8:30	489	431	0	920	317	794	492	1,603	0	303	145	448	0	0	0	0	2,971
7:45 - 8:45	515	501	0	1,016	331	687	495	1,513	0	320	138	458	0	0	0	0	2,987
8:00 - 9:00	511	492	0	1,003	373	641	488	1,502	0	332	141	473	0	0	0	0	2,978
Peak Volumes:	**495**	**388**	**0**	**883**	**272**	**913**	**493**	**1,678**	**0**	**287**	**147**	**434**	**0**	**0**	**0**	**0**	**2,995**

Cut and Paste	NBL	NBT	NBR	SBL	SBT	SBR	EBL	EBT	EBR	WBL	WBT	WBR
	147	287	0	0	388	495	0	0	0	493	913	272



AM Peak-Hour Volume Count Worksheet

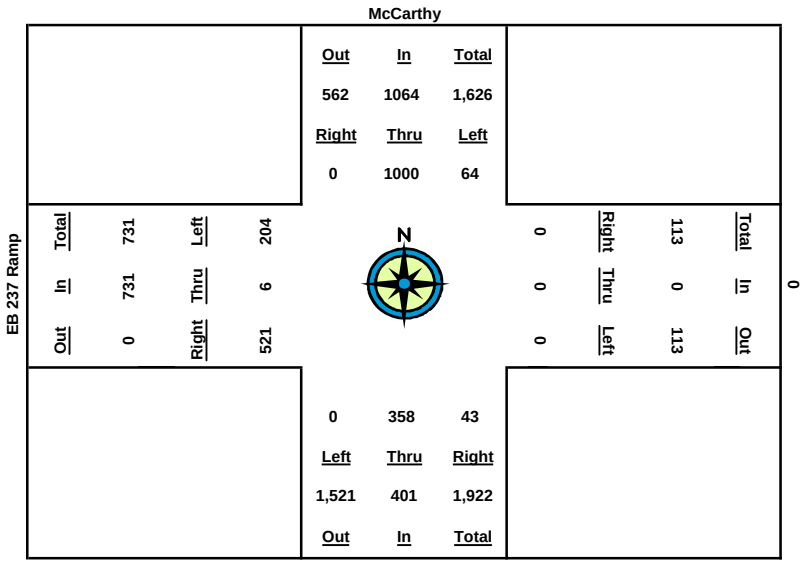
Date: 7/11/07
Counter: Alvan and Ngoc
Intersection Name: EB 237 & McCarthy Blvd.
Weather: Clear

AUTO-CENSUS
Traffic Monitoring and Analysis
870 Castlewood Dr. #1
Los Gatos, CA 95032
Phone 408-826-9673 Fax 408-877-1625

	McCarthy								McCarthy				EB 237 Ramp			
	North Approach				East Approach				South Approach				West Approach			
Start Time	Right	Thru	Left	Total	Right	Thru	Left	Total	Right	Thru	Left	Total	Right	Thru	Left	Total
7:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
7:15	0	143	12	155	0	0	0	0	11	53	0	64	68	2	28	98
7:30	0	285	19	304	0	0	0	0	20	100	0	120	139	3	61	203
7:45	0	519	28	547	0	0	0	0	31	172	0	203	228	3	91	322
8:00	0	773	35	808	0	0	0	0	43	236	0	279	354	4	142	500
8:15	0	968	57	1,025	0	0	0	0	56	399	0	455	473	7	188	668
8:30	0	1,232	72	1,304	0	0	0	0	69	462	0	531	586	8	235	829
8:45	0	1,519	92	1,611	0	0	0	0	74	530	0	604	749	9	295	1,053
9:00	0	1,786	116	1,902	0	0	0	0	91	437	0	528	904	9	338	1,251

Peak Hour	Right	Thru	Left	Total	Right	Thru	Left	Total	Right	Thru	Left	Total	Right	Thru	Left	Total	PK Hour
7:00 - 8:00	0	773	35	808	0	0	0	0	43	236	0	279	354	4	142	500	1,587
7:15 - 8:15	0	825	45	870	0	0	0	0	45	346	0	391	405	5	160	570	1,831
7:30 - 8:30	0	947	53	1,000	0	0	0	0	49	362	0	411	447	5	174	626	2,037
7:45 - 8:45	0	1,000	64	1,064	0	0	0	0	43	358	0	401	521	6	204	731	2,196
8:00 - 9:00	0	1,013	81	1,094	0	0	0	0	48	201	0	249	550	5	196	751	2,094
Peak Volumes:	**0**	**1,000**	**64**	**1,064**	**0**	**0**	**0**	**0**	**43**	**358**	**0**	**401**	**521**	**6**	**204**	**731**	**2,196**

Cut and Paste	NBL	NBT	NBR	SBL	SBT	SBR	EBL	EBT	EBR	WBL	WBT	WBR
	0	358	43	64	1,000	0	204	6	521	0	0	0



Traffic Data Service

Campbell, CA

(408) 377-2988

tdsbay@cs.com

File Name : 1AM FINAL
Site Code : 00000001
Start Date : 8/14/2007
Page No : 1

Groups Printed- Vehicles

	I-880 SB RAMPS Southbound					SR-237 Westbound					Northbound					SR-237 Eastbound					
Start Time	Right	Thru	Left	Peds	App. Total	Right	Thru	Left	Peds	App. Total	Right	Thru	Left	Peds	App. Total	Right	Thru	Left	Peds	App. Total	Int. Total
Factor	1.0	1.0	1.0	1.0		1.0	1.0	1.0	1.0		1.0	1.0	1.0	1.0		1.0	1.0	1.0	1.0		
07:00 AM	58	0	51	0	109	93	599	0	0	692	0	0	0	0	0	0	126	0	0	126	927
07:15 AM	62	2	49	0	113	156	551	0	0	707	0	0	0	0	0	0	130	0	0	130	950
07:30 AM	56	3	68	0	127	161	651	0	0	812	0	0	0	0	0	0	142	0	0	142	1081
07:45 AM	53	1	49	3	106	139	673	0	0	812	0	0	0	0	0	0	219	0	0	219	1137
Total	229	6	217	3	455	549	2474	0	0	3023	0	0	0	0	0	0	617	0	0	617	4095
08:00 AM	48	0	50	0	98	120	630	0	0	750	0	0	0	0	0	0	287	0	0	287	1135
08:15 AM	62	1	55	0	118	190	664	0	0	854	0	0	0	0	0	0	231	0	0	231	1203
08:30 AM	115	0	66	0	181	184	714	0	0	898	0	0	0	0	0	0	196	0	0	196	1275
08:45 AM	164	0	42	0	206	125	581	0	0	706	0	0	0	0	0	0	216	0	0	216	1128
Total	389	1	213	0	603	619	2589	0	0	3208	0	0	0	0	0	0	930	0	0	930	4741
Grand Total	618	7	430	3	1058	1168	5063	0	0	6231	0	0	0	0	0	0	1547	0	0	1547	8836
Apprch %	58.4	0.7	40.6	0.3		18.7	81.3	0	0		0	0	0	0		0	100	0	0		
Total %	7	0.1	4.9	0	12	13.2	57.3	0	0	70.5	0	0	0	0	0	0	17.5	0	0	17.5	

	I-880 SB RAMPS Southbound					SR-237 Westbound					Northbound					SR-237 Eastbound					
Start Time	Right	Thru	Left	Peds	App. Total	Right	Thru	Left	Peds	App. Total	Right	Thru	Left	Peds	App. Total	Right	Thru	Left	Peds	App. Total	Int. Total
Peak Hour Analysis From 07:00 AM to 08:45 AM - Peak 1 of 1																					
Peak Hour for Entire Intersection Begins at 07:45 AM																					
07:45 AM	53	**1**	49	**3**	106	139	673	0	0	812	0	0	0	0	0	0	219	0	0	219	1137
08:00 AM	48	0	50	0	98	120	630	0	0	750	0	0	0	0	0	0	**287**	0	0	**287**	1135
08:15 AM	62	1	55	0	118	**190**	664	0	0	854	0	0	0	0	0	0	231	0	0	231	1203
08:30 AM	**115**	0	**66**	0	**181**	184	**714**	0	0	**898**	0	0	0	0	0	0	196	0	0	196	**1275**
Total Volume	278	2	220	3	503	633	2681	0	0	3314	0	0	0	0	0	0	933	0	0	933	4750
% App. Total	55.3	0.4	43.7	0.6		19.1	80.9	0	0		0	0	0	0		0	100	0	0		
PHF	.604	.500	.833	.250	.695	.833	.939	.000	.000	.923	.000	.000	.000	.000	.000	.000	.813	.000	.000	.813	.931

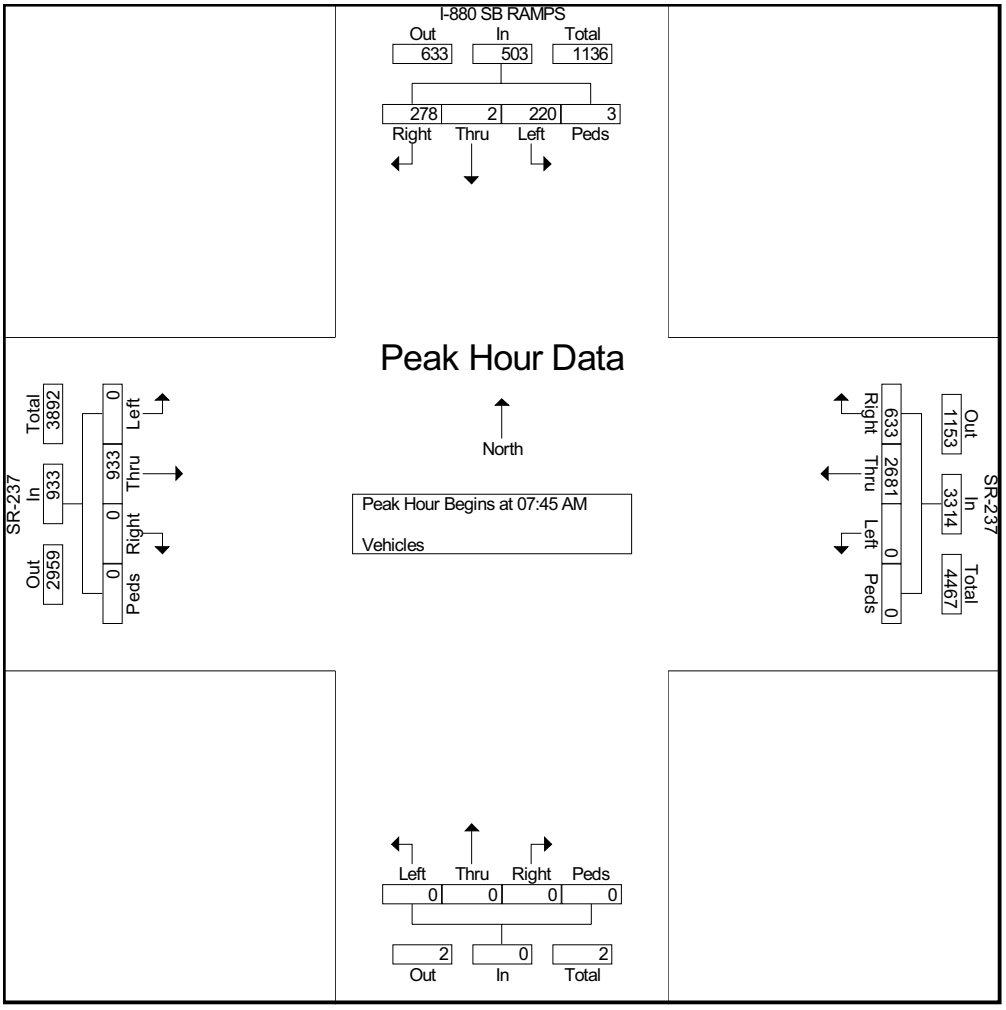
Traffic Data Service

Campbell, CA

(408) 377-2988

tdsbay@cs.com

File Name : 1AM FINAL
Site Code : 00000001
Start Date : 8/14/2007
Page No : 2



Traffic Data Service

Campbell, CA

(408) 377-2988

tdsbay@cs.com

File Name : 2AM FINAL
Site Code : 00000002
Start Date : 8/14/2007
Page No : 1

Groups Printed- Vehicles

	Southbound					CALAVERAS BLVD Westbound					I-880 NB RAMPS Northbound					CALAVERAS BLVD Eastbound					
Start Time	Right	Thru	Left	Peds	App. Total	Right	Thru	Left	Peds	App. Total	Right	Thru	Left	Peds	App. Total	Right	Thru	Left	Peds	App. Total	Int. Total
Factor	1.0	1.0	1.0	1.0		1.0	1.0	1.0	1.0		1.0	1.0	1.0	1.0		1.0	1.0	1.0	1.0		
07:00 AM	0	0	0	0	0	57	585	0	0	642	73	0	81	0	154	6	210	0	0	216	1012
07:15 AM	0	0	0	0	0	52	602	0	0	654	88	0	107	0	195	5	184	0	0	189	1038
07:30 AM	0	0	0	0	0	60	713	0	0	773	61	0	107	0	168	9	200	0	0	209	1150
07:45 AM	0	0	0	0	0	65	702	0	0	767	80	0	95	0	175	4	269	0	0	273	1215
Total	0	0	0	0	0	234	2602	0	0	2836	302	0	390	0	692	24	863	0	0	887	4415
08:00 AM	0	0	0	0	0	44	665	0	0	709	84	0	112	0	196	8	342	0	0	350	1255
08:15 AM	0	0	0	0	0	42	730	0	0	772	76	0	115	0	191	8	288	0	0	296	1259
08:30 AM	0	0	0	0	0	62	707	0	0	769	77	0	116	0	193	8	262	0	0	270	1232
08:45 AM	0	0	0	0	0	57	587	0	0	644	86	0	98	0	184	12	261	0	0	273	1101
Total	0	0	0	0	0	205	2689	0	0	2894	323	0	441	0	764	36	1153	0	0	1189	4847
Grand Total	0	0	0	0	0	439	5291	0	0	5730	625	0	831	0	1456	60	2016	0	0	2076	9262
Apprch %	0	0	0	0		7.7	92.3	0	0		42.9	0	57.1	0		2.9	97.1	0	0		
Total %	0	0	0	0	0	4.7	57.1	0	0	61.9	6.7	0	9	0	15.7	0.6	21.8	0	0	22.4	

	Southbound					CALAVERAS BLVD Westbound					I-880 NB RAMPS Northbound					CALAVERAS BLVD Eastbound					
Start Time	Right	Thru	Left	Peds	App. Total	Right	Thru	Left	Peds	App. Total	Right	Thru	Left	Peds	App. Total	Right	Thru	Left	Peds	App. Total	Int. Total
Peak Hour Analysis From 07:00 AM to 08:45 AM - Peak 1 of 1																					
Peak Hour for Entire Intersection Begins at 07:45 AM																					
07:45 AM	0	0	0	0	0	**65**	702	0	0	767	80	0	95	0	175	4	269	0	0	273	1215
08:00 AM	0	0	0	0	0	44	665	0	0	709	**84**	0	112	0	**196**	**8**	**342**	0	0	**350**	1255
08:15 AM	0	0	0	0	0	42	**730**	0	0	**772**	76	0	115	0	191	8	288	0	0	296	**1259**
08:30 AM	0	0	0	0	0	62	707	0	0	769	77	0	**116**	0	193	8	262	0	0	270	1232
Total Volume	0	0	0	0	0	213	2804	0	0	3017	317	0	438	0	755	28	1161	0	0	1189	4961
% App. Total	0	0	0	0		7.1	92.9	0	0		42	0	58	0		2.4	97.6	0	0		
PHF	.000	.000	.000	.000	.000	.819	.960	.000	.000	.977	.943	.000	.944	.000	.963	.875	.849	.000	.000	.849	.985

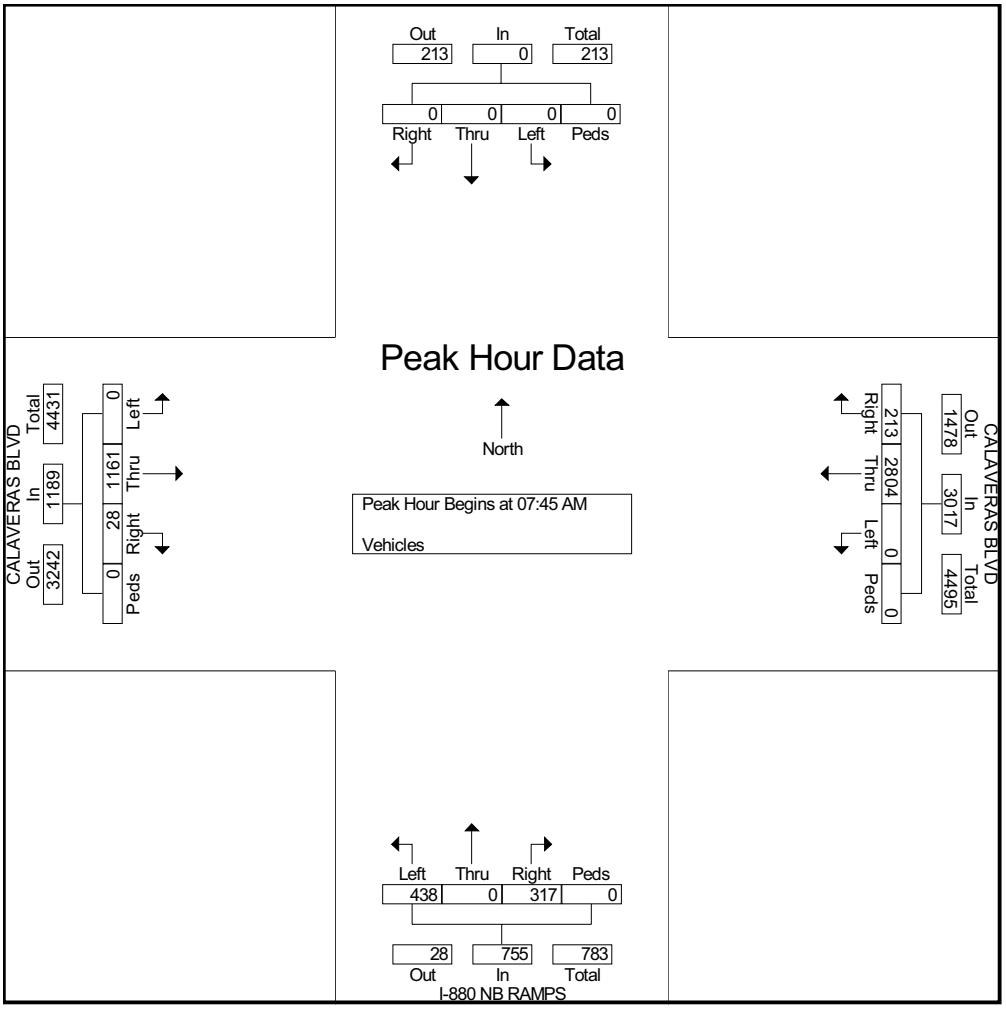
Traffic Data Service

Campbell, CA

(408) 377-2988

tdsbay@cs.com

File Name : 2AM FINAL
Site Code : 00000002
Start Date : 8/14/2007
Page No : 2



AM Peak-Hour Volume Count Worksheet

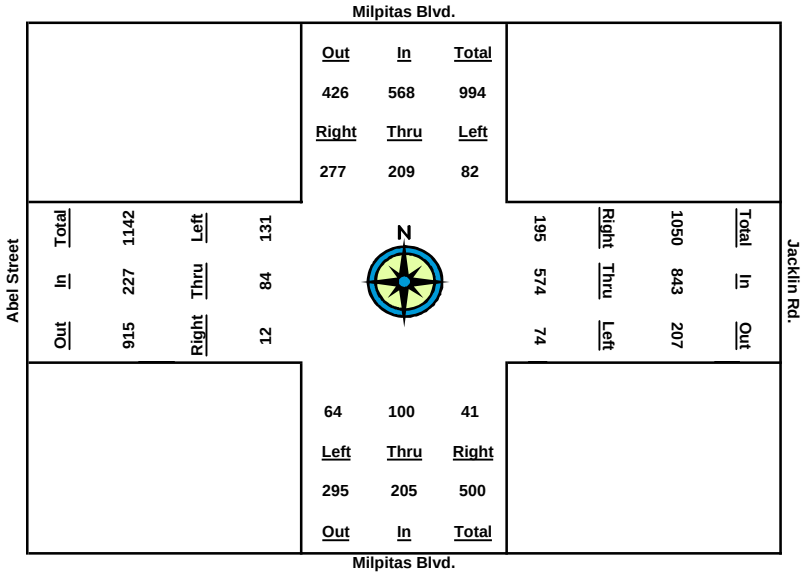
Date: 6/19/07
Counter: Jamie and Huy
Intersection Name: Milpitas Blvd. and Abel Street
Weather: Clear

AUTO-CENSUS
Traffic Monitoring and Analysis
870 Castlewood Dr. #1
Los Gatos, CA 95032
Phone 408-826-9673 Fax 408-877-1625

	Milpitas Blvd.				Jacklin Rd.				Milpitas Blvd.				Abel Street			
	North Approach				East Approach				South Approach				West Approach			
Start Time	Right	Thru	Left	Total	Right	Thru	Left	Total	Right	Thru	Left	Total	Right	Thru	Left	Total
7:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
7:15	33	24	10	67	17	69	11	97	13	29	11	53	1	6	19	26
7:30	91	48	30	169	61	158	19	238	16	49	28	93	3	22	36	61
7:45	161	92	64	317	94	280	35	409	22	82	40	144	8	41	65	114
8:00	230	136	82	448	127	426	65	618	28	114	50	192	11	61	99	171
8:15	304	190	110	604	198	579	78	855	40	136	64	240	14	84	135	233
8:30	379	239	129	747	236	709	98	1,043	55	157	80	292	16	103	161	280
8:45	438	301	146	885	289	854	109	1,252	63	182	104	349	20	125	196	341
9:00	502	354	152	1,008	314	995	124	1,433	72	212	125	409	25	141	221	387

Peak Hour	Right	Thru	Left	Total	Right	Thru	Left	Total	Right	Thru	Left	Total	Right	Thru	Left	Total	PK Hour
7:00 - 8:00	230	136	82	448	127	426	65	618	28	114	50	192	11	61	99	171	1,429
7:15 - 8:15	271	166	100	537	181	510	67	758	27	107	53	187	13	78	116	207	1,689
7:30 - 8:30	288	191	99	578	175	551	79	805	39	108	52	199	13	81	125	219	1,801
7:45 - 8:45	277	209	82	568	195	574	74	843	41	100	64	205	12	84	131	227	1,843
8:00 - 9:00	272	218	70	560	187	569	59	815	44	98	75	217	14	80	122	216	1,808
Peak Volumes:	**277**	**209**	**82**	**568**	**195**	**574**	**74**	**843**	**41**	**100**	**64**	**205**	**12**	**84**	**131**	**227**	**1,843**

Cut and Paste	NBL	NBT	NBR	SBL	SBT	SBR	EBL	EBT	EBR	WBL	WBT	WBR
	64	100	41	82	209	277	131	84	12	74	574	195



	MILPITAS BLVD Southbound				CALAVERAS BLVD Westbound				MILPITAS BLVD Northbound				CALAVERAS BLVD Eastbound				
Start Time	Right	Thru	Left	Peds	Right	Thru	Left	Peds	Right	Thru	Left	Peds	Right	Thru	Left	Peds	Total
07:30 AM	151	47	39	0	22	506	9	0	2	40	74	0	65	113	12	0	1080
07:45 AM	151	94	52	0	26	497	8	0	6	24	100	0	117	157	30	0	1262
08:00 AM	177	69	70	0	24	486	31	1	4	22	89	0	89	187	36	0	1285
08:15 AM	136	69	57	1	15	451	26	0	5	42	96	1	97	191	55	0	1242
	615	**279**	**218**	**1**	**87**	**1940**	**74**	**1**	**17**	**128**	**359**	**1**	**368**	**648**	**133**	**0**	
04:45 PM	82	73	82	0	64	292	28	3	27	76	115	0	88	492	117	0	1539
05:00 PM	94	65	98	0	66	280	31	0	20	93	136	3	84	442	93	0	1505
05:15 PM	46	41	72	0	55	276	30	1	26	121	121	2	95	459	91	2	1438
05:30 PM	35	58	74	0	64	338	41	2	22	94	106	0	99	495	69	1	1498
	257	**237**	**326**	**0**	**249**	**1186**	**130**	**6**	**95**	**384**	**478**	**5**	**366**	**1888**	**370**	**3**	**5980**

Peak-Hour Volume Count Worksheet

Date: 11/15/06
Counter:
on Name: Calaveras and Abel
Weather: Clear

AUTO-CENSUS

Traffic Monitoring and Analysis
870 Castlewood Dr. #1
Los Gatos, CA 95032
Phone 408-826-9673 Fax 408-877-16

AM Peak-Hour Volume Count Worksheet

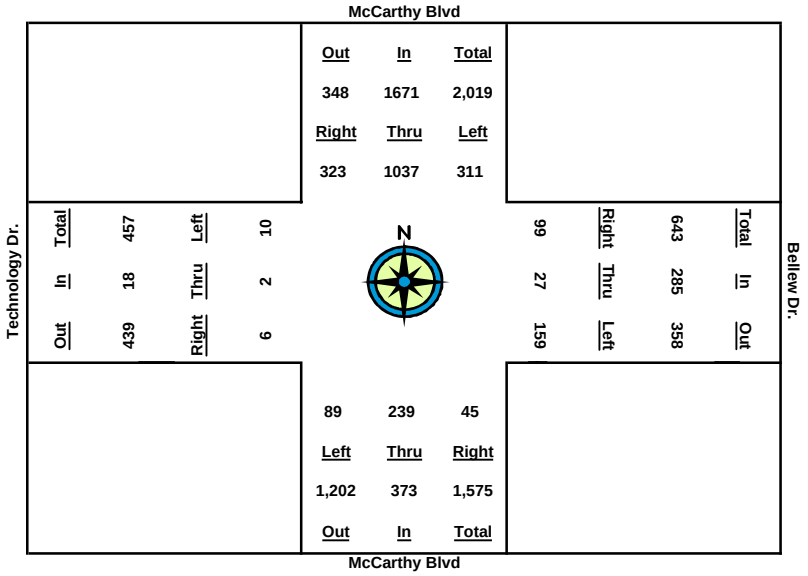
Date: 6/14/07
Counter: Byron and Jamie
Intersection Name: McCarthy and Technology/Bellew
Weather: Clear

AUTO-CENSUS
Traffic Monitoring and Analysis
870 Castlewood Dr. #1
Los Gatos, CA 95032
Phone 408-826-9673 Fax 408-877-1625

	McCarthy Blvd				Bellew Dr.				McCarthy Blvd				Technology Dr.			
	North Approach				East Approach				South Approach				West Approach			
Start Time	Right	Thru	Left	Total	Right	Thru	Left	Total	Right	Thru	Left	Total	Right	Thru	Left	Total
7:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
7:15	54	111	32	197	22	16	15	53	2	9	8	19	1	0	0	1
7:30	87	261	79	427	43	22	39	104	5	43	31	79	3	0	0	3
7:45	134	446	136	716	67	24	70	161	21	96	45	162	6	2	4	12
8:00	203	687	176	1,066	82	32	112	226	39	145	70	254	8	4	6	18
8:15	269	937	244	1,450	110	40	158	308	50	202	90	342	10	5	7	22
8:30	354	1,189	319	1,862	137	45	197	379	61	267	116	444	13	5	11	29
8:45	437	1,468	398	2,303	155	52	226	433	70	325	141	536	14	6	15	35
9:00	526	1,724	487	2,737	181	59	271	511	84	384	159	627	14	6	16	36

Peak Hour	Right	Thru	Left	Total	Right	Thru	Left	Total	Right	Thru	Left	Total	Right	Thru	Left	Total	PK Hour
7:00 - 8:00	203	687	176	1,066	82	32	112	226	39	145	70	254	8	4	6	18	1,564
7:15 - 8:15	215	826	212	1,253	88	24	143	255	48	193	82	323	9	5	7	21	1,852
7:30 - 8:30	267	928	240	1,435	94	23	158	275	56	224	85	365	10	5	11	26	2,101
7:45 - 8:45	303	1,022	262	1,587	88	28	156	272	49	229	96	374	8	4	11	23	2,256
8:00 - 9:00	323	1,037	311	1,671	99	27	159	285	45	239	89	373	6	2	10	18	2,347
Peak Volumes:	**323**	**1,037**	**311**	**1,671**	**99**	**27**	**159**	**285**	**45**	**239**	**89**	**373**	**6**	**2**	**10**	**18**	**2,347**

Cut and Paste	NBL	NBT	NBR	SBL	SBT	SBR	EBL	EBT	EBR	WBL	WBT	WBR
	89	239	45	311	1,037	323	10	2	6	159	27	99



AM Peak-Hour Volume Count Worksheet

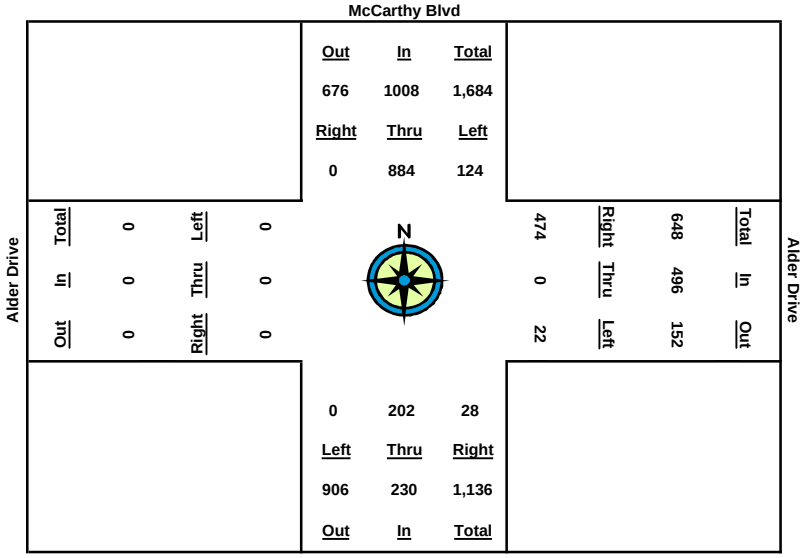
Date: 6/14/07
Counter: Logan and Jane
Intersection Name: McCarthy Blvd and Alder Drive
Weather: Clear

AUTO-CENSUS
Traffic Monitoring and Analysis
870 Castlewood Dr. #1
Los Gatos, CA 95032
Phone 408-826-9673 Fax 408-877-1625

	McCarthy Blvd				Alder Drive				McCarthy Blvd				Alder Drive			
	North Approach				East Approach				South Approach				West Approach			
Start Time	Right	Thru	Left	Total	Right	Thru	Left	Total	Right	Thru	Left	Total	Right	Thru	Left	Total
7:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
7:15	0	78	18	96	63	0	0	63	1	25	0	26	0	0	0	0
7:30	0	201	41	242	139	0	3	142	1	47	0	48	0	0	0	0
7:45	0	369	66	435	220	0	4	224	2	78	0	80	0	0	0	0
8:00	0	590	98	688	326	0	9	335	4	107	0	111	0	0	0	0
8:15	0	827	137	964	443	0	11	454	10	150	0	160	0	0	0	0
8:30	0	1,058	153	1,211	560	0	18	578	16	192	0	208	0	0	0	0
8:45	0	1,273	184	1,457	657	0	21	678	21	242	0	263	0	0	0	0
9:00	0	1,474	222	1,696	800	0	31	831	32	309	0	341	0	0	0	0

Peak Hour	Right	Thru	Left	Total	Right	Thru	Left	Total	Right	Thru	Left	Total	Right	Thru	Left	Total	PK Hour
7:00 - 8:00	0	590	98	688	326	0	9	335	4	107	0	111	0	0	0	0	1,134
7:15 - 8:15	0	749	119	868	380	0	11	391	9	125	0	134	0	0	0	0	1,393
7:30 - 8:30	0	857	112	969	421	0	15	436	15	145	0	160	0	0	0	0	1,565
7:45 - 8:45	0	904	118	1,022	437	0	17	454	19	164	0	183	0	0	0	0	1,659
8:00 - 9:00	0	884	124	1,008	474	0	22	496	28	202	0	230	0	0	0	0	1,734
Peak Volumes:	**0**	**884**	**124**	**1,008**	**474**	**0**	**22**	**496**	**28**	**202**	**0**	**230**	**0**	**0**	**0**	**0**	**1,734**

Cut and Paste	NBL	NBT	NBR	SBL	SBT	SBR	EBL	EBT	EBR	WBL	WBT	WBR
	0	202	28	124	884	0	0	0	0	22	0	474



AM Peak-Hour Volume Count Worksheet

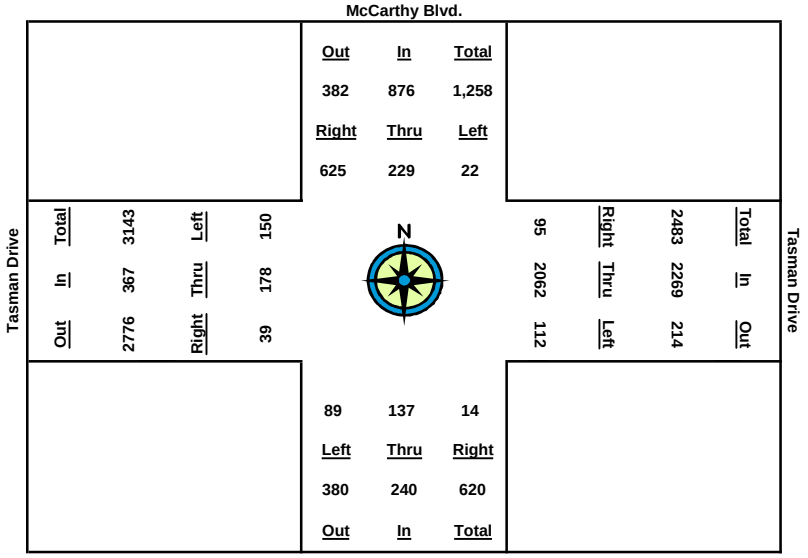
Date: 6/14/07
Counter: Patti and Dianne
Intersection Name: McCarthy Blvd. and Tasman Drive
Weather: Clear

AUTO-CENSUS
Traffic Monitoring and Analysis
870 Castlewood Dr. #1
Los Gatos, CA 95032
Phone 408-826-9673 Fax 408-877-1625

	McCarthy Blvd. North Approach				Tasman Drive East Approach				McCarthy Blvd. South Approach				Tasman Drive West Approach			
Start Time	**Right**	**Thru**	**Left**	**Total**	**Right**	**Thru**	**Left**	**Total**	**Right**	**Thru**	**Left**	**Total**	**Right**	**Thru**	**Left**	**Total**
7:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
7:15	56	28	1	85	13	257	11	281	1	17	14	32	3	24	12	39
7:30	140	65	6	211	27	537	24	588	3	33	25	61	8	46	18	72
7:45	259	97	12	368	39	953	42	1,034	7	58	42	107	13	76	29	118
8:00	388	140	14	542	58	1,428	62	1,548	10	85	63	158	25	101	55	181
8:15	572	204	20	796	83	1,917	97	2,097	12	120	85	217	39	135	88	262
8:30	729	252	25	1,006	105	2,481	126	2,712	14	141	104	259	45	169	111	325
8:45	875	317	33	1,225	130	2,938	152	3,220	16	188	133	337	53	213	144	410
9:00	1,013	369	36	1,418	153	3,490	174	3,817	24	222	152	398	64	279	205	548

Peak Hour	**Right**	**Thru**	**Left**	**Total**	**Right**	**Thru**	**Left**	**Total**	**Right**	**Thru**	**Left**	**Total**	**Right**	**Thru**	**Left**	**Total**	**PK Hour**
7:00 - 8:00	388	140	14	542	58	1,428	62	1,548	10	85	63	158	25	101	55	181	2,429
7:15 - 8:15	516	176	19	711	70	1,660	86	1,816	11	103	71	185	36	111	76	223	2,935
7:30 - 8:30	589	187	19	795	78	1,944	102	2,124	11	108	79	198	37	123	93	253	3,370
7:45 - 8:45	616	220	21	857	91	1,985	110	2,186	9	130	91	230	40	137	115	292	3,565
8:00 - 9:00	625	229	22	876	95	2,062	112	2,269	14	137	89	240	39	178	150	367	3,752
Peak Volumes:	**625**	**229**	**22**	**876**	**95**	**2,062**	**112**	**2,269**	**14**	**137**	**89**	**240**	**39**	**178**	**150**	**367**	**3,752**

Cut and Paste	**NBL**	**NBT**	**NBR**	**SBL**	**SBT**	**SBR**	**EBL**	**EBT**	**EBR**	**WBL**	**WBT**	**WBR**
	89	137	14	22	229	625	150	178	39	112	2,062	95



AM Peak-Hour Volume Count Worksheet

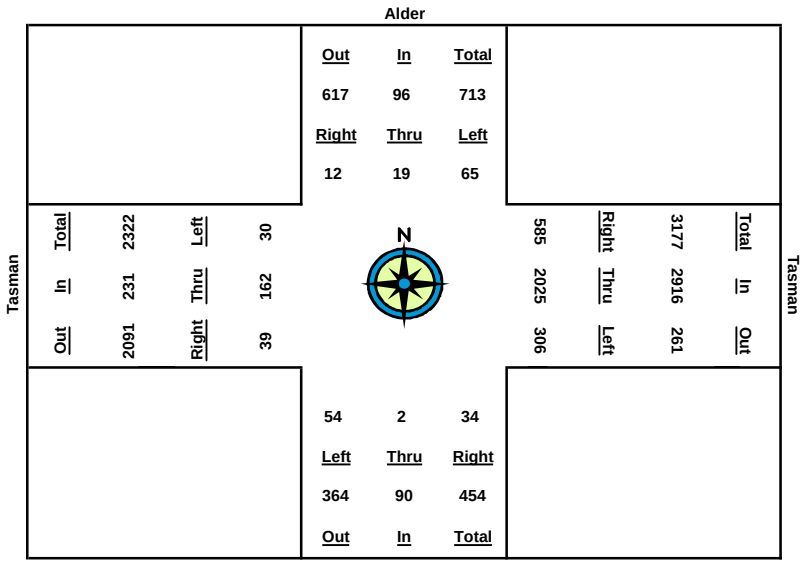
Date: 7/10/07
Counter: Logan & Jane
Intersection Name: Tasman Dr. & Alder Dr
Weather: Clear

AUTO-CENSUS
Traffic Monitoring and Analysis
870 Castlewood Dr. #1
Los Gatos, CA 95032
Phone 408-826-9673 Fax 408-877-1625

	Alder				Tasman				Alder				Tasman			
	North Approach				East Approach				South Approach				West Approach			
Start Time	Right	Thru	Left	Total	Right	Thru	Left	Total	Right	Thru	Left	Total	Right	Thru	Left	Total
7:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
7:15	1	3	24	28	60	226	35	321	3	2	0	5	1	26	3	30
7:30	1	5	40	46	138	557	69	764	11	2	8	21	6	50	5	61
7:45	3	7	51	61	247	1,000	115	1,362	18	3	14	35	15	81	7	103
8:00	6	13	65	84	351	1,441	168	1,960	23	3	21	47	19	114	12	145
8:15	10	20	75	105	476	1,957	234	2,667	30	4	25	59	26	163	18	207
8:30	11	26	84	121	615	2,495	311	3,421	36	4	38	78	32	206	24	262
8:45	14	28	106	148	786	2,994	405	4,185	47	4	58	109	42	235	34	311
9:00	18	32	130	180	936	3,466	474	4,876	57	5	75	137	58	276	42	376

Peak Hour	Right	Thru	Left	Total	Right	Thru	Left	Total	Right	Thru	Left	Total	Right	Thru	Left	Total	PK Hour
7:00 - 8:00	6	13	65	84	351	1,441	168	1,960	23	3	21	47	19	114	12	145	2,236
7:15 - 8:15	9	17	51	77	416	1,731	199	2,346	27	2	25	54	25	137	15	177	2,654
7:30 - 8:30	10	21	44	75	477	1,938	242	2,657	25	2	30	57	26	156	19	201	2,990
7:45 - 8:45	11	21	55	87	539	1,994	290	2,823	29	1	44	74	27	154	27	208	3,192
8:00 - 9:00	12	19	65	96	585	2,025	306	2,916	34	2	54	90	39	162	30	231	3,333
Peak Volumes:	**12**	**19**	**65**	**96**	**585**	**2,025**	**306**	**2,916**	**34**	**2**	**54**	**90**	**39**	**162**	**30**	**231**	**3,333**

Cut and Paste	NBL	NBT	NBR	SBL	SBT	SBR	EBL	EBT	EBR	WBL	WBT	WBR
	54	2	34	65	19	12	30	162	39	306	2,025	585



AM Peak-Hour Volume Count Worksheet

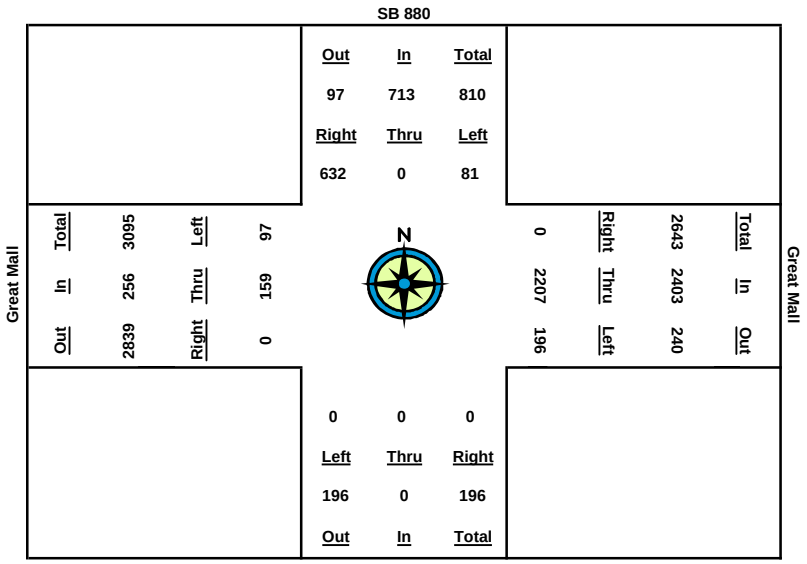
Date: 6/13/07
Counter: Alvan and Ngoc
Intersection Name: Tasman Drive/Great Mall & 880 SB
Weather: Clear

AUTO-CENSUS
Traffic Monitoring and Analysis
870 Castlewood Dr. #1
Los Gatos, CA 95032
Phone 408-826-9673 Fax 408-877-1625

	SB 880				Great Mall				SB 880				Great Mall			
	North Approach				East Approach				South Approach				West Approach			
Start Time	Right	Thru	Left	Total	Right	Thru	Left	Total	Right	Thru	Left	Total	Right	Thru	Left	Total
7:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
7:15	76	0	17	93	0	258	20	278	0	0	0	0	0	28	20	48
7:30	162	0	31	193	0	625	57	682	0	0	0	0	0	55	42	97
7:45	293	0	57	350	0	1,110	100	1,210	0	0	0	0	0	83	65	148
8:00	459	0	85	544	0	1,678	139	1,817	0	0	0	0	0	121	89	210
8:15	640	0	105	745	0	2,125	180	2,305	0	0	0	0	0	161	115	276
8:30	765	0	115	880	0	2,677	232	2,909	0	0	0	0	0	200	137	337
8:45	925	0	138	1,063	0	3,317	296	3,613	0	0	0	0	0	242	162	404
9:00	1,104	0	161	1,265	0	3,838	338	4,176	0	0	0	0	0	276	200	476

Peak Hour	Right	Thru	Left	Total	Right	Thru	Left	Total	Right	Thru	Left	Total	Right	Thru	Left	Total	PK Hour
7:00 - 8:00	459	0	85	544	0	1,678	139	1,817	0	0	0	0	0	121	89	210	2,571
7:15 - 8:15	564	0	88	652	0	1,867	160	2,027	0	0	0	0	0	133	95	228	2,907
7:30 - 8:30	603	0	84	687	0	2,052	175	2,227	0	0	0	0	0	145	95	240	3,154
7:45 - 8:45	632	0	81	713	0	2,207	196	2,403	0	0	0	0	0	159	97	256	3,372
8:00 - 9:00	645	0	76	721	0	2,160	199	2,359	0	0	0	0	0	155	111	266	3,346
Peak Volumes:	**632**	**0**	**81**	**713**	**0**	**2,207**	**196**	**2,403**	**0**	**0**	**0**	**0**	**0**	**159**	**97**	**256**	**3,372**

Cut and Paste	NBL	NBT	NBR	SBL	SBT	SBR	EBL	EBT	EBR	WBL	WBT	WBR
	0	0	0	81	0	632	97	159	0	196	2,207	0



AM Peak-Hour Volume Count Worksheet

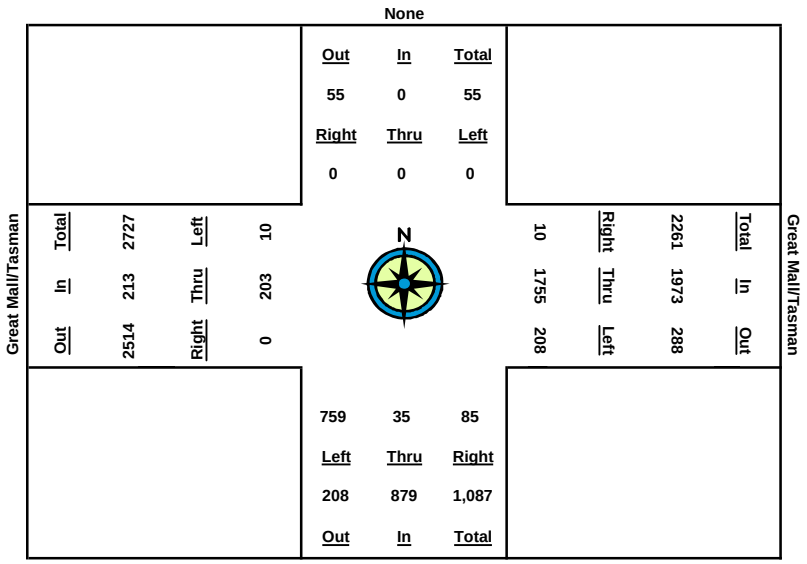
Date: 6/13/07
Counter: Patt and Byron
Intersection Name: NB 880 Ramps and Tasman/Great Mall
Weather: Clear

AUTO-CENSUS
Traffic Monitoring and Analysis
870 Castlewood Dr. #1
Los Gatos, CA 95032
Phone 408-826-9673 Fax 408-877-1625

	None				Great Mall/Tasman				880 NB Off Ramp				Great Mall/Tasman			
	North Approach				East Approach				South Approach				West Approach			
Start Time	Right	Thru	Left	Total	Right	Thru	Left	Total	Right	Thru	Left	Total	Right	Thru	Left	Total
7:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
7:15	0	0	0	0	6	162	30	198	16	10	102	128	0	41	3	44
7:30	0	0	0	0	12	433	68	513	44	21	221	286	0	76	4	80
7:45	0	0	0	0	22	756	127	905	86	32	422	540	0	126	11	137
8:00	0	0	0	0	32	1,134	184	1,350	134	43	574	751	0	154	18	172
8:15	0	0	0	0	34	1,536	232	1,802	167	53	773	993	0	211	20	231
8:30	0	0	0	0	38	1,993	297	2,328	182	70	916	1,168	0	256	21	277
8:45	0	0	0	0	39	2,464	340	2,843	204	74	1,121	1,399	0	316	25	341
9:00	0	0	0	0	42	2,889	392	3,323	219	78	1,333	1,630	0	357	28	385

Peak Hour	Right	Thru	Left	Total	Right	Thru	Left	Total	Right	Thru	Left	Total	Right	Thru	Left	Total	PK Hour
7:00 - 8:00	0	0	0	0	32	1,134	184	1,350	134	43	574	751	0	154	18	172	2,273
7:15 - 8:15	0	0	0	0	28	1,374	202	1,604	151	43	671	865	0	170	17	187	2,656
7:30 - 8:30	0	0	0	0	26	1,560	229	1,815	138	49	695	882	0	180	17	197	2,894
7:45 - 8:45	0	0	0	0	17	1,708	213	1,938	118	42	699	859	0	190	14	204	3,001
8:00 - 9:00	0	0	0	0	10	1,755	208	1,973	85	35	759	879	0	203	10	213	3,065
Peak Volumes:	**0**	**0**	**0**	**0**	**10**	**1,755**	**208**	**1,973**	**85**	**35**	**759**	**879**	**0**	**203**	**10**	**213**	**3,065**

Cut and Paste	NBL	NBT	NBR	SBL	SBT	SBR	EBL	EBT	EBR	WBL	WBT	WBR
	759	35	85	0	0	0	10	203	0	208	1,755	10



PM Peak-Hour Volume Count Worksheet

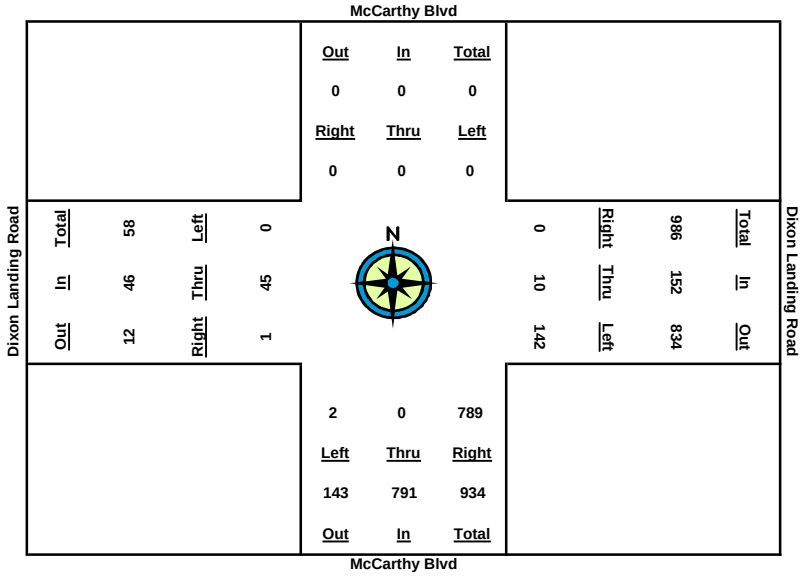
Date: 6/26/07
Counter: Alvan and Shaun
Intersection Name: McCarthy Blvd. and Dixon Landing Road
Weather: Clear

AUTO-CENSUS
Traffic Monitoring and Analysis
870 Castlewood Dr. #1
Los Gatos, CA 95032
Phone 408-826-9673 Fax 408-877-1625

	McCarthy Blvd				Dixon Landing Road				McCarthy Blvd				Dixon Landing Road			
	North Approach				East Approach				South Approach				West Approach			
Start Time	Right	Thru	Left	Total	Right	Thru	Left	Total	Right	Thru	Left	Total	Right	Thru	Left	Total
4:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
4:15	0	0	0	0	0	4	18	22	111	0	0	111	0	22	0	22
4:30	0	0	0	0	0	8	40	48	230	0	0	230	0	36	0	36
4:45	0	0	0	0	0	10	75	85	405	0	1	406	1	63	0	64
5:00	0	0	0	0	0	12	108	120	610	0	1	611	1	70	0	71
5:15	0	0	0	0	0	18	143	161	803	0	2	805	1	80	0	81
5:30	0	0	0	0	0	18	182	200	1,019	0	2	1,021	1	81	0	82
5:45	0	0	0	0	0	20	210	230	1,180	0	3	1,183	1	86	0	87
6:00	0	0	0	0	0	21	236	257	1,296	0	3	1,299	1	92	0	93

Peak Hour	Right	Thru	Left	Total	Right	Thru	Left	Total	Right	Thru	Left	Total	Right	Thru	Left	Total	PK Hour
4:00 - 5:00	0	0	0	0	0	12	108	120	610	0	1	611	1	70	0	71	802
4:15 - 5:15	0	0	0	0	0	14	125	139	692	0	2	694	1	58	0	59	892
4:30 - 5:30	0	0	0	0	0	10	142	152	789	0	2	791	1	45	0	46	989
4:45 - 5:45	0	0	0	0	0	10	135	145	775	0	2	777	0	23	0	23	945
5:00 - 6:00	0	0	0	0	0	9	128	137	686	0	2	688	0	22	0	22	847
Peak Volumes:	**0**	**0**	**0**	**0**	**0**	**10**	**142**	**152**	**789**	**0**	**2**	**791**	**1**	**45**	**0**	**46**	**989**

Cut and Paste	NBL	NBT	NBR	SBL	SBT	SBR	EBL	EBT	EBR	WBL	WBT	WBR
	2	0	789	0	0	0	0	45	1	142	10	0



PM Peak-Hour Volume Count Worksheet

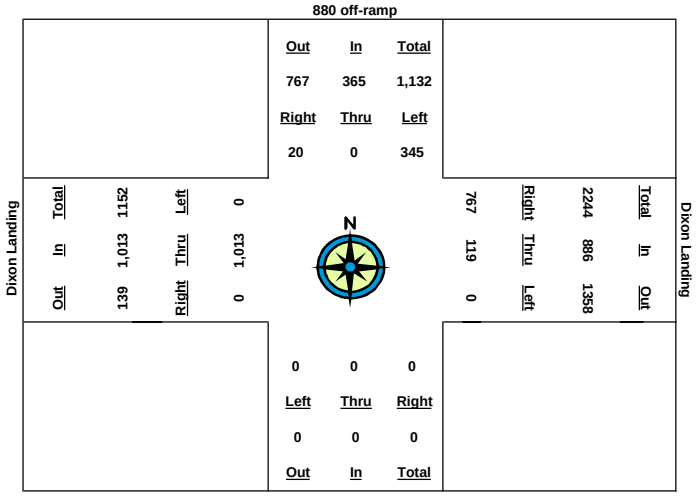
HEXAGON TRANSPORTATION CONSULTANTS
40 S. Market Street, Suite 600
San Jose, CA 95113
Phone 408-971-6100 Fax 408-971-6102

Date: 4/24/07
Counter: Ronald and Shaun
Intersection Name: 880 off-ramp and Dixon Landing
Weather: Clear
City/Project: Milpitas - 07GB14

	880 off-ramp				Dixon Landing								Dixon Landing			
	North Approach				East Approach				South Approach				West Approach			
Start Time	Right	Thru	Left	Total	Right	Thru	Left	Total	Right	Thru	Left	Total	Right	Thru	Left	Total
4:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
4:15	14	0	85	99	170	26	0	196	0	0	0	0	0	124	0	124
4:30	22	0	158	180	332	47	0	379	0	0	0	0	0	235	0	235
4:45	41	0	247	288	514	73	0	587	0	0	0	0	0	392	0	392
5:00	48	0	305	353	653	102	0	755	0	0	0	0	0	538	0	538
5:15	55	0	389	444	879	131	0	1,010	0	0	0	0	0	807	0	807
5:30	58	0	472	530	1,067	165	0	1,232	0	0	0	0	0	1,036	0	1,036
5:45	63	0	565	628	1,268	187	0	1,455	0	0	0	0	0	1,351	0	1,351
6:00	68	0	650	718	1,420	221	0	1,641	0	0	0	0	0	1,551	0	1,551

Peak Hour	Right	Thru	Left	Total	Right	Thru	Left	Total	Right	Thru	Left	Total	Right	Thru	Left	Total	PK Hour
4:00 - 5:00	48	0	305	353	653	102	0	755	0	0	0	0	0	538	0	538	1,646
4:15 - 5:15	41	0	304	345	709	105	0	814	0	0	0	0	0	683	0	683	1,842
4:30 - 5:30	36	0	314	350	735	118	0	853	0	0	0	0	0	801	0	801	2,004
4:45 - 5:45	22	0	318	340	754	114	0	868	0	0	0	0	0	959	0	959	2,167
5:00 - 6:00	20	0	345	365	767	119	0	886	0	0	0	0	0	1,013	0	1,013	2,264
Peak Volumes:	**20**	**0**	**345**	**365**	**767**	**119**	**0**	**886**	**0**	**0**	**0**	**0**	**0**	**1,013**	**0**	**1,013**	**2,264**

Cut and Paste	NR	NT	NL		ER	ET	EL		SR	ST	SL		WR	WT	WL
	20	0	345		767	119	0		0	0	0		0	1,013	0



PM Peak-Hour Volume Count Worksheet

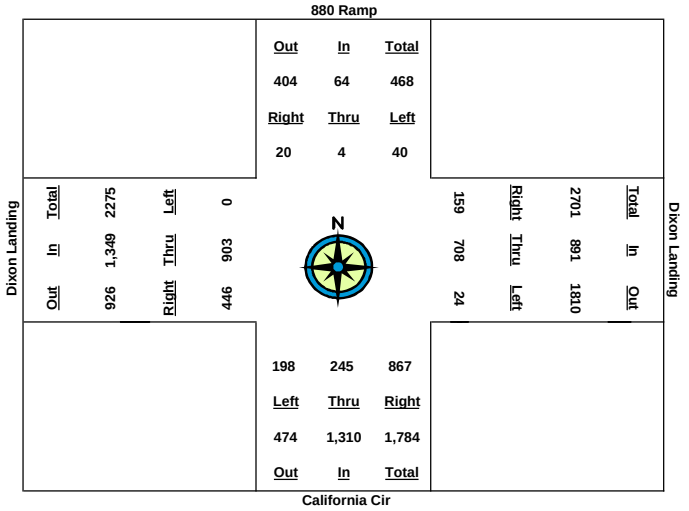
Date: 4/24/07
Counter: Rholan and Geralc
Intersection Name: California Cir-880 ramp and Dixon Landing Rd
Weather: Clear
City/Project: Milpitas - 07GB14

HEXAGON TRANSPORTATION CONSULTANTS
40 S. Market Street, Suite 600
San Jose, CA 95113
Phone 408-971-6100 Fax 408-971-6102

	880 Ramp				Dixon Landing				California Cir				Dixon Landing			
	North Approach				East Approach				South Approach				West Approach			
Start Time	Right	Thru	Left	Total	Right	Thru	Left	Total	Right	Thru	Left	Total	Right	Thru	Left	Total
4:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
4:15	7	0	1	8	55	157	6	218	239	19	30	288	54	137	0	191
4:30	11	0	3	14	103	306	11	420	501	37	60	598	108	315	0	423
4:45	13	0	8	21	160	469	14	643	790	61	89	940	153	459	0	612
5:00	15	0	12	27	199	624	18	841	1,082	95	126	1,303	212	663	0	875
5:15	17	0	15	32	241	799	23	1,063	1,311	141	177	1,629	303	846	0	1,149
5:30	22	3	30	55	276	981	28	1,285	1,478	202	228	1,908	422	1,083	0	1,505
5:45	33	4	48	85	319	1,177	38	1,534	1,657	306	287	2,250	599	1,362	0	1,961
6:00	36	4	56	96	344	1,297	41	1,682	1,803	366	319	2,488	703	1,574	0	2,277

Peak Hour	Right	Thru	Left	Total	Right	Thru	Left	Total	Right	Thru	Left	Total	Right	Thru	Left	Total	PK Hour
4:00 - 5:00	15	0	12	27	199	624	18	841	1,082	95	126	1,303	212	663	0	875	3,046
4:15 - 5:15	10	0	14	24	186	642	17	845	1,072	122	147	1,341	249	709	0	958	3,168
4:30 - 5:30	11	3	27	41	173	675	17	865	977	165	168	1,310	314	768	0	1,082	3,298
4:45 - 5:45	20	4	40	64	159	708	24	891	867	245	198	1,310	446	903	0	1,349	3,614
5:00 - 6:00	21	4	44	69	145	673	23	841	721	271	193	1,185	491	911	0	1,402	3,497
Peak Volumes:	**20**	**4**	**40**	**64**	**159**	**708**	**24**	**891**	**867**	**245**	**198**	**1,310**	**446**	**903**	**0**	**1,349**	**3,614**

Cut and Paste	NR	NT	NL		ER	ET	EL		SR	ST	SL		WR	WT	WL
	20	4	40		159	708	24		867	245	198		446	903	0



PM Peak-Hour Volume Count Worksheet

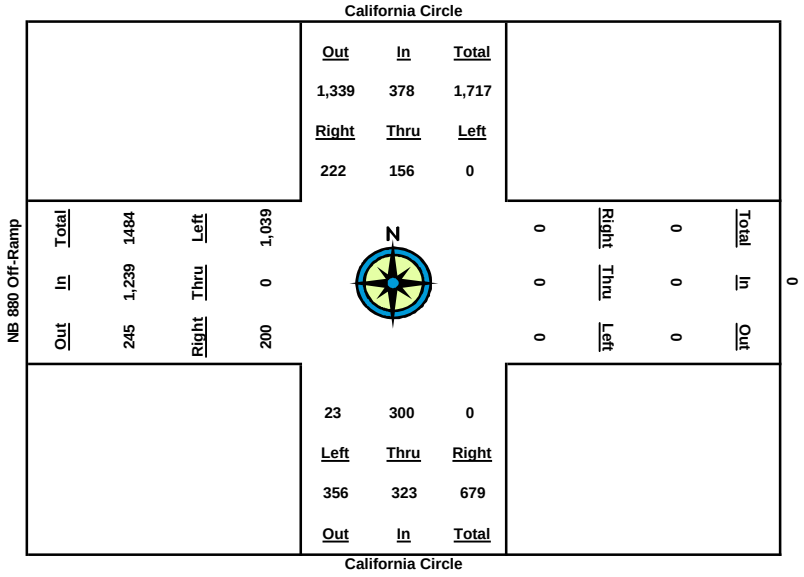
Date: 6/20/07
Counter: Kevin and Byron
Intersection Name: NB 880 Ramps and California Circle
Weather: Clear

AUTO-CENSUS
Traffic Monitoring and Analysis
870 Castlewood Dr. #1
Los Gatos, CA 95032
Phone 408-826-9673 Fax 408-877-1625

	California Circle								California Circle				NB 880 Off-Ramp			
	North Approach				East Approach				South Approach				West Approach			
Start Time	Right	Thru	Left	Total	Right	Thru	Left	Total	Right	Thru	Left	Total	Right	Thru	Left	Total
4:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
4:15	30	9	0	39	0	0	0	0	0	19	3	22	19	0	150	169
4:30	81	27	0	108	0	0	0	0	0	65	6	71	53	0	395	448
4:45	135	37	0	172	0	0	0	0	0	121	15	136	79	0	576	655
5:00	188	59	0	247	0	0	0	0	0	175	20	195	109	0	797	906
5:15	248	80	0	328	0	0	0	0	0	261	27	288	146	0	1,044	1,190
5:30	309	117	0	426	0	0	0	0	0	321	29	350	197	0	1,308	1,505
5:45	368	169	0	537	0	0	0	0	0	390	37	427	249	0	1,577	1,826
6:00	410	215	0	625	0	0	0	0	0	475	43	518	309	0	1,836	2,145

Peak Hour	Right	Thru	Left	Total	Right	Thru	Left	Total	Right	Thru	Left	Total	Right	Thru	Left	Total	PK Hour
4:00 - 5:00	188	59	0	247	0	0	0	0	0	175	20	195	109	0	797	906	1,348
4:15 - 5:15	218	71	0	289	0	0	0	0	0	242	24	266	127	0	894	1,021	1,576
4:30 - 5:30	228	90	0	318	0	0	0	0	0	256	23	279	144	0	913	1,057	1,654
4:45 - 5:45	233	132	0	365	0	0	0	0	0	269	22	291	170	0	1,001	1,171	1,827
5:00 - 6:00	222	156	0	378	0	0	0	0	0	300	23	323	200	0	1,039	1,239	1,940
Peak Volumes:	**222**	**156**	**0**	**378**	**0**	**0**	**0**	**0**	**0**	**300**	**23**	**323**	**200**	**0**	**1,039**	**1,239**	**1,940**

Cut and Paste	NBL	NBT	NBR	SBL	SBT	SBR	EBL	EBT	EBR	WBL	WBT	WBR
	23	300	0	0	156	222	1,039	0	200	0	0	0



PM Peak-Hour Volume Count Worksheet

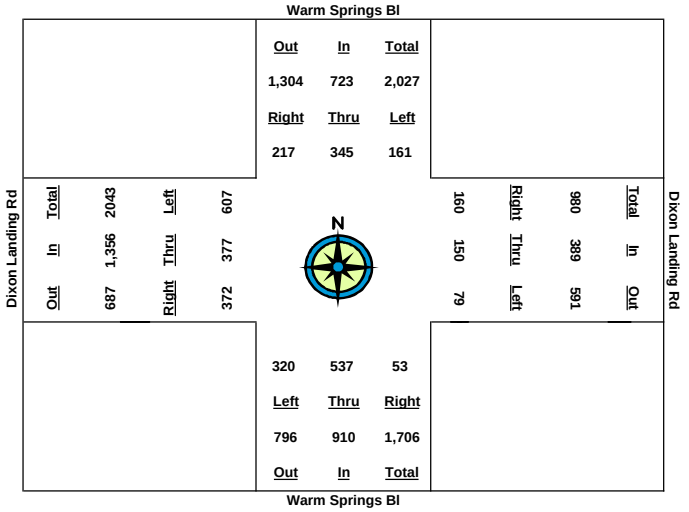
HEXAGON TRANSPORTATION CONSULTANTS
40 S. Market Street, Suite 600
San Jose, CA 95113
Phone 408-971-6100 Fax 408-971-6102

Date: 3/21/07
Counter: Rholan & Ronald
Intersection Name: Warm Springs Bl and Dixon Landing Rd
Weather: Sunny
City/Project: Milpitas - Fremont Milmont - 07GB14

	Warm Springs Bl				Dixon Landing Rd				Warm Springs Bl				Dixon Landing Rd			
	North Approach				East Approach				South Approach				West Approach			
Start Time	Right	Thru	Left	Total	Right	Thru	Left	Total	Right	Thru	Left	Total	Right	Thru	Left	Total
4:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
4:15	47	74	38	159	23	29	13	65	12	119	76	207	66	58	107	231
4:30	93	145	81	319	41	54	27	122	33	201	138	372	139	111	201	451
4:45	133	230	122	485	72	76	37	185	41	319	227	587	225	174	303	702
5:00	179	295	148	622	113	106	49	268	67	461	308	836	299	260	430	989
5:15	248	373	187	808	148	138	60	346	89	530	369	988	401	344	585	1,330
5:30	298	464	227	989	189	185	84	458	94	668	447	1,209	485	447	740	1,672
5:45	350	551	263	1,164	238	227	93	558	106	846	529	1,481	577	555	904	2,036
6:00	396	640	309	1,345	273	256	128	657	120	998	628	1,746	671	637	1,037	2,345

Peak Hour	Right	Thru	Left	Total	Right	Thru	Left	Total	Right	Thru	Left	Total	Right	Thru	Left	Total	PK Hour
4:00 - 5:00	179	295	148	622	113	106	49	268	67	461	308	836	299	260	430	989	2,715
4:15 - 5:15	201	299	149	649	125	109	47	281	77	411	293	781	335	286	478	1,099	2,810
4:30 - 5:30	205	319	146	670	148	131	57	336	61	467	309	837	346	336	539	1,221	3,064
4:45 - 5:45	217	321	141	679	166	151	56	373	65	527	302	894	352	381	601	1,334	3,280
5:00 - 6:00	217	345	161	723	160	150	79	389	53	537	320	910	372	377	607	1,356	3,378
Peak Volumes:	**217**	**345**	**161**	**723**	**160**	**150**	**79**	**389**	**53**	**537**	**320**	**910**	**372**	**377**	**607**	**1,356**	**3,378**

Cut and Paste	NR	NT	NL		ER	ET	EL		SR	ST	SL		WR	WT	WL
	217	345	161		160	150	79		53	537	320		372	377	607



PM Peak-Hour Volume Count Worksheet

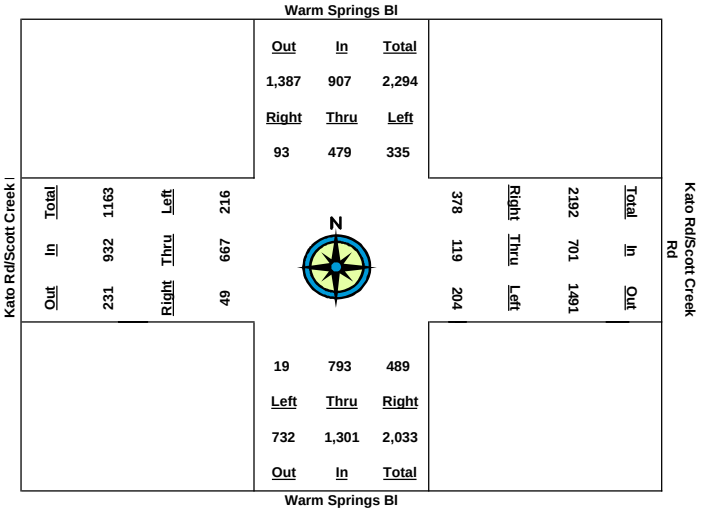
HEXAGON TRANSPORTATION CONSULTANTS
40 S. Market Street, Suite 600
San Jose, CA 95113
Phone 408-971-6100 Fax 408-971-6102

Date: 3/21/07
Counter: Nathan & Ryan
Intersection Name: Warm Springs Bl and Kato Rd/Scot Creek Rd
Weather: Clear and Sunny
City/Project: Fremont - Fremont Milmont - 07GB14

	Warm Springs Bl				Kato Rd/Scott Creek Rd				Warm Springs Bl				Kato Rd/Scott Creek Rd			
	North Approach				East Approach				South Approach				West Approach			
Start Time	Right	Thru	Left	Total	Right	Thru	Left	Total	Right	Thru	Left	Total	Right	Thru	Left	Total
4:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
4:15	15	102	93	210	46	42	35	123	92	109	10	211	15	145	32	192
4:30	29	198	149	376	100	65	92	257	176	231	14	421	25	257	63	345
4:45	49	299	269	617	142	87	125	354	248	346	15	609	40	463	95	598
5:00	59	388	325	772	197	112	175	484	396	503	21	920	55	626	132	813
5:15	85	517	432	1,034	261	138	214	613	503	647	28	1,178	70	799	182	1,051
5:30	110	631	502	1,243	342	170	202	714	638	863	31	1,532	85	960	229	1,274
5:45	131	735	592	1,458	469	204	316	989	750	1,076	33	1,859	96	1,128	284	1,508
6:00	152	867	660	1,679	575	231	379	1,185	885	1,296	40	2,221	104	1,293	348	1,745

Peak Hour	Right	Thru	Left	Total	Right	Thru	Left	Total	Right	Thru	Left	Total	Right	Thru	Left	Total	PK Hour
4:00 - 5:00	59	388	325	772	197	112	175	484	396	503	21	920	55	626	132	813	2,989
4:15 - 5:15	70	415	339	824	215	96	179	490	411	538	18	967	55	654	150	859	3,140
4:30 - 5:30	81	433	353	867	242	105	110	457	462	632	17	1,111	60	703	166	929	3,364
4:45 - 5:45	82	436	323	841	327	117	191	635	502	730	18	1,250	56	665	189	910	3,636
5:00 - 6:00	93	479	335	907	378	119	204	701	489	793	19	1,301	49	667	216	932	3,841
Peak Volumes:	**93**	**479**	**335**	**907**	**378**	**119**	**204**	**701**	**489**	**793**	**19**	**1,301**	**49**	**667**	**216**	**932**	**3,841**

Cut and Paste	NR	NT	NL		ER	ET	EL		SR	ST	SL		WR	WT	WL
	93	479	335		378	119	204		489	793	19		49	667	216



PM Peak-Hour Volume Count Worksheet

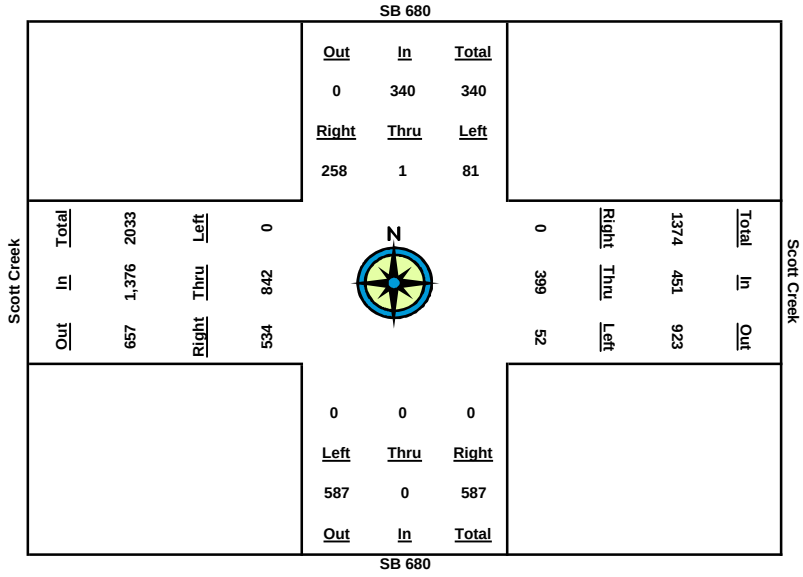
Date: 6/19/07
Counter: Matt & Jamye
Intersection Name: SB 680 & Scott Creek
Weather: Clear

AUTO-CENSUS
Traffic Monitoring and Analysis
870 Castlewood Dr. #1
Los Gatos, CA 95032
Phone 408-826-9673 Fax 408-877-1625

	SB 680				Scott Creek				SB 680				Scott Creek			
	North Approach				East Approach				South Approach				West Approach			
Start Time	Right	Thru	Left	Total	Right	Thru	Left	Total	Right	Thru	Left	Total	Right	Thru	Left	Total
4:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
4:15	34	0	8	42	0	52	9	61	0	0	0	0	138	136	0	274
4:30	93	0	31	124	0	112	19	131	0	0	0	0	233	278	0	511
4:45	144	0	43	187	0	173	37	210	0	0	0	0	452	439	0	891
5:00	201	1	66	268	0	238	45	283	0	0	0	0	569	615	0	1,184
5:15	262	1	79	342	0	317	56	373	0	0	0	0	732	795	0	1,527
5:30	321	2	102	425	0	418	66	484	0	0	0	0	886	1,075	0	1,961
5:45	387	2	122	511	0	514	81	595	0	0	0	0	993	1,263	0	2,256
6:00	459	2	147	608	0	637	97	734	0	0	0	0	1,103	1,457	0	2,560

Peak Hour	Right	Thru	Left	Total	Right	Thru	Left	Total	Right	Thru	Left	Total	Right	Thru	Left	Total	PK Hour
4:00 - 5:00	201	1	66	268	0	238	45	283	0	0	0	0	569	615	0	1,184	1,735
4:15 - 5:15	228	1	71	300	0	265	47	312	0	0	0	0	594	659	0	1,253	1,865
4:30 - 5:30	228	2	71	301	0	306	47	353	0	0	0	0	653	797	0	1,450	2,104
4:45 - 5:45	243	2	79	324	0	341	44	385	0	0	0	0	541	824	0	1,365	2,074
4:00 - 5:00	258	1	81	340	0	399	52	451	0	0	0	0	534	842	0	1,376	2,167
Peak Volumes:	**258**	**1**	**81**	**340**	**0**	**399**	**52**	**451**	**0**	**0**	**0**	**0**	**534**	**842**	**0**	**1,376**	**2,167**

Cut and Paste	NBL	NBT	NBR	SBL	SBT	SBR	EBL	EBT	EBR	WBL	WBT	WBR
	0	0	0	81	1	258	0	842	534	52	399	0



PM Peak-Hour Volume Count Worksheet

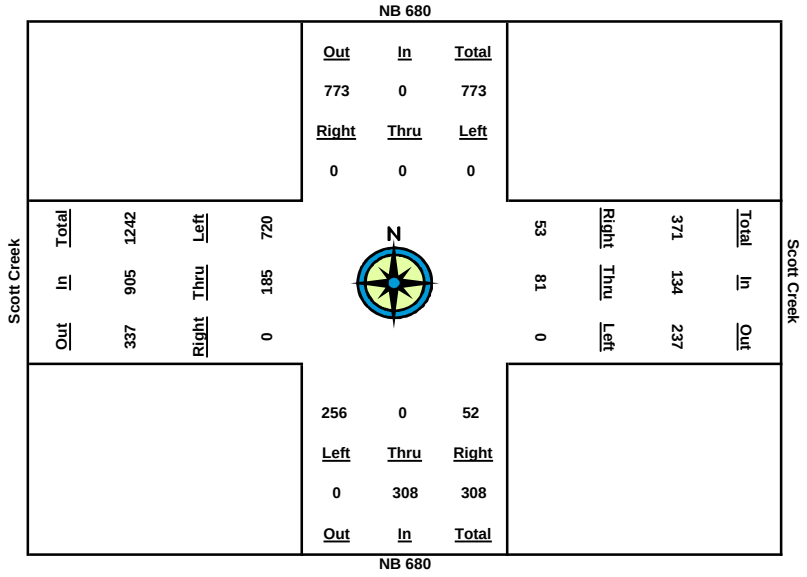
Date: 6/19/07
Counter: Alvan & Kevin
Intersection Name: NB 680 & (Scott Creek) Kato Rd.
Weather: Clear

AUTO-CENSUS
Traffic Monitoring and Analysis
870 Castlewood Dr. #1
Los Gatos, CA 95032
Phone 408-826-9673 Fax 408-877-1625

	NB 680				Scott Creek				NB 680				Scott Creek			
	North Approach				East Approach				South Approach				West Approach			
Start Time	Right	Thru	Left	Total	Right	Thru	Left	Total	Right	Thru	Left	Total	Right	Thru	Left	Total
4:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
4:15	0	0	0	0	17	18	0	35	12	0	52	64	0	28	132	160
4:30	0	0	0	0	31	38	0	69	23	0	91	114	0	65	260	325
4:45	0	0	0	0	44	55	0	99	35	0	144	179	0	101	389	490
5:00	0	0	0	0	55	76	0	131	50	0	191	241	0	149	546	695
5:15	0	0	0	0	64	94	0	158	63	0	253	316	0	185	718	903
5:30	0	0	0	0	73	120	0	193	75	0	319	394	0	241	918	1,159
5:45	0	0	0	0	97	136	0	233	87	0	400	487	0	286	1,109	1,395
6:00	0	0	0	0	109	161	0	270	97	0	470	567	0	323	1,229	1,552

Peak Hour	Right	Thru	Left	Total	Right	Thru	Left	Total	Right	Thru	Left	Total	Right	Thru	Left	Total	PK Hour
4:00-5:00	0	0	0	0	55	76	0	131	50	0	191	241	0	149	546	695	1,067
4:15-5:15	0	0	0	0	47	76	0	123	51	0	201	252	0	157	586	743	1,118
4:30 - 5:30	0	0	0	0	42	82	0	124	52	0	228	280	0	176	658	834	1,238
4:45 - 5:45	0	0	0	0	53	81	0	134	52	0	256	308	0	185	720	905	1,347
5:00 - 6:00	0	0	0	0	54	85	0	139	47	0	279	326	0	174	683	857	1,322
Peak Volumes:	**0**	**0**	**0**	**0**	**53**	**81**	**0**	**134**	**52**	**0**	**256**	**308**	**0**	**185**	**720**	**905**	**1,347**

Cut and Paste	NBL	NBT	NBR	SBL	SBT	SBR	EBL	EBT	EBR	WBL	WBT	WBR
	256	0	52	0	0	0	720	185	0	0	81	53



PM Peak-Hour Volume Count Worksheet

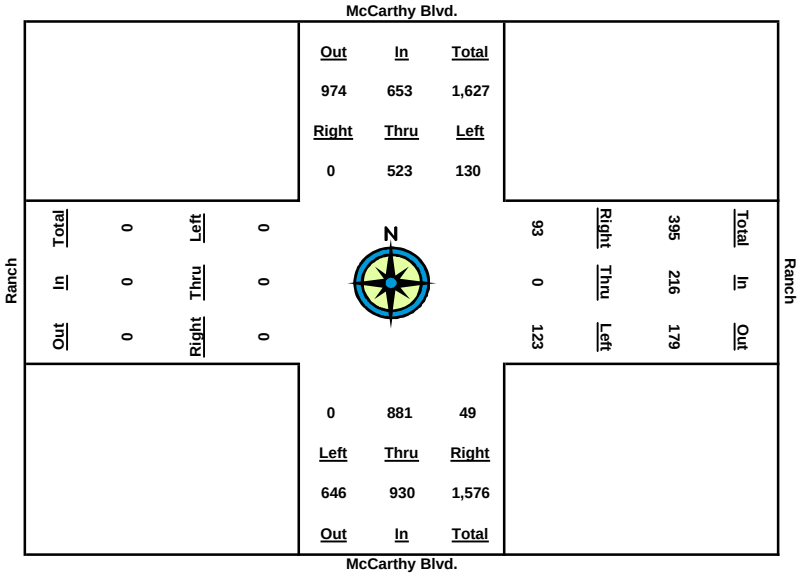
Date: 6/20/07
Counter: Alvan & kevin
Intersection Name: McCarthy Blvd. & Ranch Dr. North
Weather: Clear

AUTO-CENSUS
Traffic Monitoring and Analysis
870 Castlewood Dr. #1
Los Gatos, CA 95032
Phone 408-826-9673 Fax 408-877-1625

	McCarthy Blvd.				Ranch				McCarthy Blvd.				Ranch			
	North Approach				East Approach				South Approach				West Approach			
Start Time	Right	Thru	Left	Total	Right	Thru	Left	Total	Right	Thru	Left	Total	Right	Thru	Left	Total
4:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
4:15	0	26	9	35	13	0	21	34	15	87	0	102	0	0	0	0
4:30	0	61	27	88	32	0	44	76	28	181	0	209	0	0	0	0
4:45	0	96	48	144	50	0	70	120	50	304	0	354	0	0	0	0
5:00	0	131	75	206	75	0	97	172	62	449	0	511	0	0	0	0
5:15	0	189	103	292	91	0	126	217	74	650	0	724	0	0	0	0
5:30	0	249	130	379	111	0	162	273	83	900	0	983	0	0	0	0
5:45	0	306	162	468	142	0	195	337	103	1,144	0	1,247	0	0	0	0
6:00	0	654	205	859	168	0	220	388	111	1,330	0	1,441	0	0	0	0

Peak Hour	Right	Thru	Left	Total	Right	Thru	Left	Total	Right	Thru	Left	Total	Right	Thru	Left	Total	PK Hour
4:00 - 5:00	0	131	75	206	75	0	97	172	62	449	0	511	0	0	0	0	889
4:15 - 5:15	0	163	94	257	78	0	105	183	59	563	0	622	0	0	0	0	1,062
4:30 - 5:30	0	188	103	291	79	0	118	197	55	719	0	774	0	0	0	0	1,262
4:45 - 5:45	0	210	114	324	92	0	125	217	53	840	0	893	0	0	0	0	1,434
5:00 - 6:00	0	523	130	653	93	0	123	216	49	881	0	930	0	0	0	0	1,799
Peak Volumes:	**0**	**523**	**130**	**653**	**93**	**0**	**123**	**216**	**49**	**881**	**0**	**930**	**0**	**0**	**0**	**0**	**1,799**

Cut and Paste	NBL	NBT	NBR	SBL	SBT	SBR	EBL	EBT	EBR	WBL	WBT	WBR
	0	881	49	130	523	0	0	0	0	123	0	93



PM Peak-Hour Volume Count Worksheet

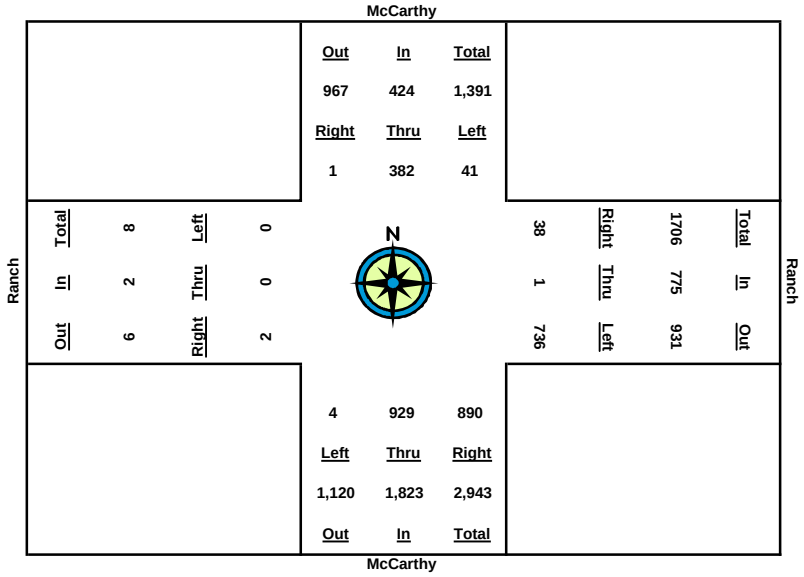
Date: 6/20/07
Counter: Jamye & Matt
Intersection Name: McCarthy Blvd. & Ranch Dr. South
Weather: Clear

AUTO-CENSUS
Traffic Monitoring and Analysis
870 Castlewood Dr. #1
Los Gatos, CA 95032
Phone 408-826-9673 Fax 408-877-1625

	McCarthy				Ranch				McCarthy				Ranch			
	North Approach				East Approach				South Approach				West Approach			
Start Time	Right	Thru	Left	Total	Right	Thru	Left	Total	Right	Thru	Left	Total	Right	Thru	Left	Total
4:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
4:15	0	69	7	76	9	0	22	31	183	111	1	295	0	1	1	2
4:30	0	137	10	147	12	0	405	417	362	215	1	578	1	1	1	3
4:45	0	196	13	209	19	0	571	590	527	360	4	891	3	1	1	5
5:00	0	262	15	277	28	1	720	749	724	529	5	1,258	4	1	1	6
5:15	1	360	22	383	39	2	912	953	914	715	6	1,635	5	1	1	7
5:30	1	459	27	487	47	2	1,091	1,140	1,147	970	7	2,124	5	1	1	7
5:45	1	571	43	615	57	2	1,283	1,342	1,386	1,245	8	2,639	6	1	1	8
6:00	1	644	56	701	66	2	1,456	1,524	1,614	1,458	9	3,081	6	1	1	8

Peak Hour	Right	Thru	Left	Total	Right	Thru	Left	Total	Right	Thru	Left	Total	Right	Thru	Left	Total	PK Hour
4:00 - 5:00	0	262	15	277	28	1	720	749	724	529	5	1,258	4	1	1	6	2,290
4:15 - 5:15	1	291	15	307	30	2	890	922	731	604	5	1,340	5	0	0	5	2,574
4:30 - 5:30	1	322	17	340	35	2	686	723	785	755	6	1,546	4	0	0	4	2,613
4:45 - 5:45	1	375	30	406	38	2	712	752	859	885	4	1,748	3	0	0	3	2,909
5:00 - 6:00	1	382	41	424	38	1	736	775	890	929	4	1,823	2	0	0	2	3,024
Peak Volumes:	**1**	**382**	**41**	**424**	**38**	**1**	**736**	**775**	**890**	**929**	**4**	**1,823**	**2**	**0**	**0**	**2**	**3,024**

Cut and Paste	NBL	NBT	NBR	SBL	SBT	SBR	EBL	EBT	EBR	WBL	WBT	WBR
	4	929	890	41	382	1	0	0	2	736	1	38



PM Peak-Hour Volume Count Worksheet

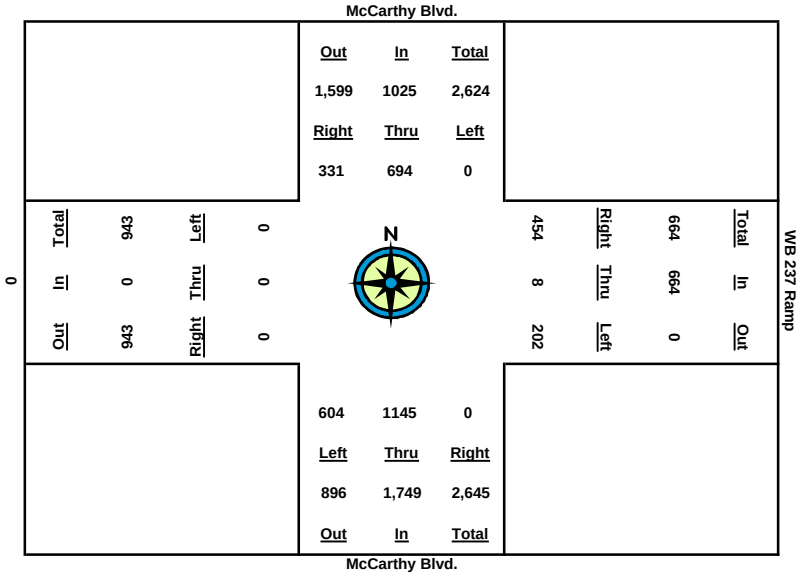
Date: 6/20/07
Counter: Logan & Huy
Intersection Name: WB 237 & McCarthy Blvd.
Weather: Clear

AUTO-CENSUS
Traffic Monitoring and Analysis
870 Castlewood Dr. #1
Los Gatos, CA 95032
Phone 408-826-9673 Fax 408-877-1625

	McCarthy Blvd.				WB 237 Ramp				McCarthy Blvd.							
	North Approach				East Approach				South Approach				West Approach			
Start Time	Right	Thru	Left	Total	Right	Thru	Left	Total	Right	Thru	Left	Total	Right	Thru	Left	Total
4:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
4:15	84	240	0	324	120	0	40	160	0	201	87	288	0	0	0	0
4:30	145	393	0	538	189	3	73	265	0	394	189	583	0	0	0	0
4:45	294	647	0	941	327	7	120	454	0	580	296	876	0	0	0	0
5:00	327	717	0	1,044	385	9	182	576	0	809	433	1,242	0	0	0	0
5:15	409	863	0	1,272	493	11	228	732	0	1,050	591	1,641	0	0	0	0
5:30	508	1,029	0	1,537	594	14	263	871	0	1,369	763	2,132	0	0	0	0
5:45	591	1,230	0	1,821	717	16	325	1,058	0	1,637	881	2,518	0	0	0	0
6:00	658	1,411	0	2,069	839	17	384	1,240	0	1,954	1,037	2,991	0	0	0	0

Peak Hour	Right	Thru	Left	Total	Right	Thru	Left	Total	Right	Thru	Left	Total	Right	Thru	Left	Total	PK Hour
4:00 - 5:00	327	717	0	1,044	385	9	182	576	0	809	433	1,242	0	0	0	0	2,862
4:15 - 5:15	325	623	0	948	373	11	188	572	0	849	504	1,353	0	0	0	0	2,873
4:30 - 5:30	363	636	0	999	405	11	190	606	0	975	574	1,549	0	0	0	0	3,154
4:45 - 5:45	297	583	0	880	390	9	205	604	0	1,057	585	1,642	0	0	0	0	3,126
5:00 - 6:00	331	694	0	1,025	454	8	202	664	0	1,145	604	1,749	0	0	0	0	3,438
Peak Volumes:	**331**	**694**	**0**	**1,025**	**454**	**8**	**202**	**664**	**0**	**1,145**	**604**	**1,749**	**0**	**0**	**0**	**0**	**3,438**

Cut and Paste	NBL	NBT	NBR	SBL	SBT	SBR	EBL	EBT	EBR	WBL	WBT	WBR
	604	1,145	0	0	694	331	0	0	0	202	8	454



PM Peak-Hour Volume Count Worksheet

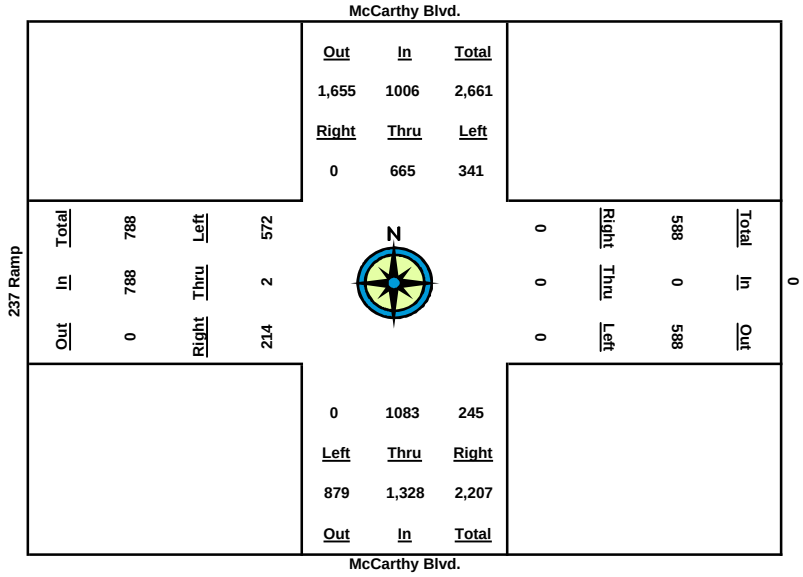
Date: 6/20/07
Counter: Patti & Shun Alverez
Intersection Name: EB 237 & McCarthy Blvd.
Weather: Clear

AUTO-CENSUS
Traffic Monitoring and Analysis
870 Castlewood Dr. #1
Los Gatos, CA 95032
Phone 408-826-9673 Fax 408-877-1625

	McCarthy Blvd.								McCarthy Blvd.				237 Ramp			
	North Approach				East Approach				South Approach				West Approach			
Start Time	Right	Thru	Left	Total	Right	Thru	Left	Total	Right	Thru	Left	Total	Right	Thru	Left	Total
4:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
4:15	0	138	101	239	0	0	0	0	83	154	0	237	79	3	83	165
4:30	0	287	184	471	0	0	0	0	132	289	0	421	151	8	160	319
4:45	0	418	272	690	0	0	0	0	211	453	0	664	208	13	252	473
5:00	0	567	335	902	0	0	0	0	268	645	0	913	264	16	338	618
5:15	0	745	410	1,155	0	0	0	0	332	895	0	1,227	335	16	441	792
5:30	0	902	486	1,388	0	0	0	0	413	1,224	0	1,637	394	17	585	996
5:45	0	1,075	567	1,642	0	0	0	0	486	1,439	0	1,925	430	17	730	1,177
6:00	0	1,232	676	1,908	0	0	0	0	513	1,728	0	2,241	478	18	910	1,406

Peak Hour	Right	Thru	Left	Total	Right	Thru	Left	Total	Right	Thru	Left	Total	Right	Thru	Left	Total	PK Hour
4:00 - 5:00	0	567	335	902	0	0	0	0	268	645	0	913	264	16	338	618	2,433
4:15 - 5:15	0	607	309	916	0	0	0	0	249	741	0	990	256	13	358	627	2,533
4:30 - 5:30	0	615	302	917	0	0	0	0	281	935	0	1,216	243	9	425	677	2,810
4:45 - 5:45	0	657	295	952	0	0	0	0	275	986	0	1,261	222	4	478	704	2,917
5:00 - 6:00	0	665	341	1,006	0	0	0	0	245	1,083	0	1,328	214	2	572	788	3,122
Peak Volumes:	**0**	**665**	**341**	**1,006**	**0**	**0**	**0**	**0**	**245**	**1,083**	**0**	**1,328**	**214**	**2**	**572**	**788**	**3,122**

Cut and Paste	NBL	NBT	NBR	SBL	SBT	SBR	EBL	EBT	EBR	WBL	WBT	WBR
	0	1,083	245	341	665	0	572	2	214	0	0	0



Traffic Data Service

Campbell, CA

(408) 377-2988

tdsbay@cs.com

File Name : 1PM FINAL
Site Code : 00000001
Start Date : 8/14/2007
Page No : 1

Groups Printed- Vehicles

	I-880 SB RAMPS Southbound					SR-237 Westbound					Northbound					SR-237 Eastbound					
Start Time	Right	Thru	Left	Peds	App. Total	Right	Thru	Left	Peds	App. Total	Right	Thru	Left	Peds	App. Total	Right	Thru	Left	Peds	App. Total	Int. Total
Factor	1.0	1.0	1.0	1.0		1.0	1.0	1.0	1.0		1.0	1.0	1.0	1.0		1.0	1.0	1.0	1.0		
04:00 PM	22	0	68	0	90	112	442	0	0	554	0	0	0	0	0	0	686	0	0	686	1330
04:15 PM	46	0	90	0	136	93	436	0	0	529	0	0	0	0	0	0	664	0	0	664	1329
04:30 PM	32	0	98	0	130	103	488	0	0	591	0	0	0	0	0	0	715	0	0	715	1436
04:45 PM	51	0	81	0	132	82	457	0	0	539	0	0	0	0	0	0	735	0	0	735	1406
Total	151	0	337	0	488	390	1823	0	0	2213	0	0	0	0	0	0	2800	0	0	2800	5501
05:00 PM	33	0	79	0	112	84	446	0	0	530	0	0	0	0	0	0	747	0	0	747	1389
05:15 PM	45	0	80	0	125	100	465	0	0	565	0	0	0	0	0	0	764	0	0	764	1454
05:30 PM	37	0	74	0	111	95	446	0	0	541	0	0	0	0	0	0	764	0	0	764	1416
05:45 PM	71	0	83	0	154	88	460	0	0	548	0	0	0	0	0	0	765	0	0	765	1467
Total	186	0	316	0	502	367	1817	0	0	2184	0	0	0	0	0	0	3040	0	0	3040	5726
Grand Total	337	0	653	0	990	757	3640	0	0	4397	0	0	0	0	0	0	5840	0	0	5840	11227
Apprch %	34	0	66	0		17.2	82.8	0	0		0	0	0	0		0	100	0	0		
Total %	3	0	5.8	0	8.8	6.7	32.4	0	0	39.2	0	0	0	0	0	0	52	0	0	52	

	I-880 SB RAMPS Southbound					SR-237 Westbound					Northbound					SR-237 Eastbound					
Start Time	Right	Thru	Left	Peds	App. Total	Right	Thru	Left	Peds	App. Total	Right	Thru	Left	Peds	App. Total	Right	Thru	Left	Peds	App. Total	Int. Total
Peak Hour Analysis From 04:00 PM to 05:45 PM - Peak 1 of 1																					
Peak Hour for Entire Intersection Begins at 05:00 PM																					
05:00 PM	33	0	79	0	112	84	446	0	0	530	0	0	0	0	0	0	747	0	0	747	1389
05:15 PM	45	0	80	0	125	**100**	**465**	0	0	**565**	0	0	0	0	0	0	764	0	0	764	1454
05:30 PM	37	0	74	0	111	95	446	0	0	541	0	0	0	0	0	0	764	0	0	764	1416
05:45 PM	**71**	0	**83**	0	**154**	88	460	0	0	548	0	0	0	0	0	0	**765**	0	0	**765**	**1467**
Total Volume	186	0	316	0	502	367	1817	0	0	2184	0	0	0	0	0	0	3040	0	0	3040	5726
% App. Total	37.1	0	62.9	0		16.8	83.2	0	0		0	0	0	0		0	100	0	0		
PHF	.655	.000	.952	.000	.815	.918	.977	.000	.000	.966	.000	.000	.000	.000	.000	.000	.993	.000	.000	.993	.976

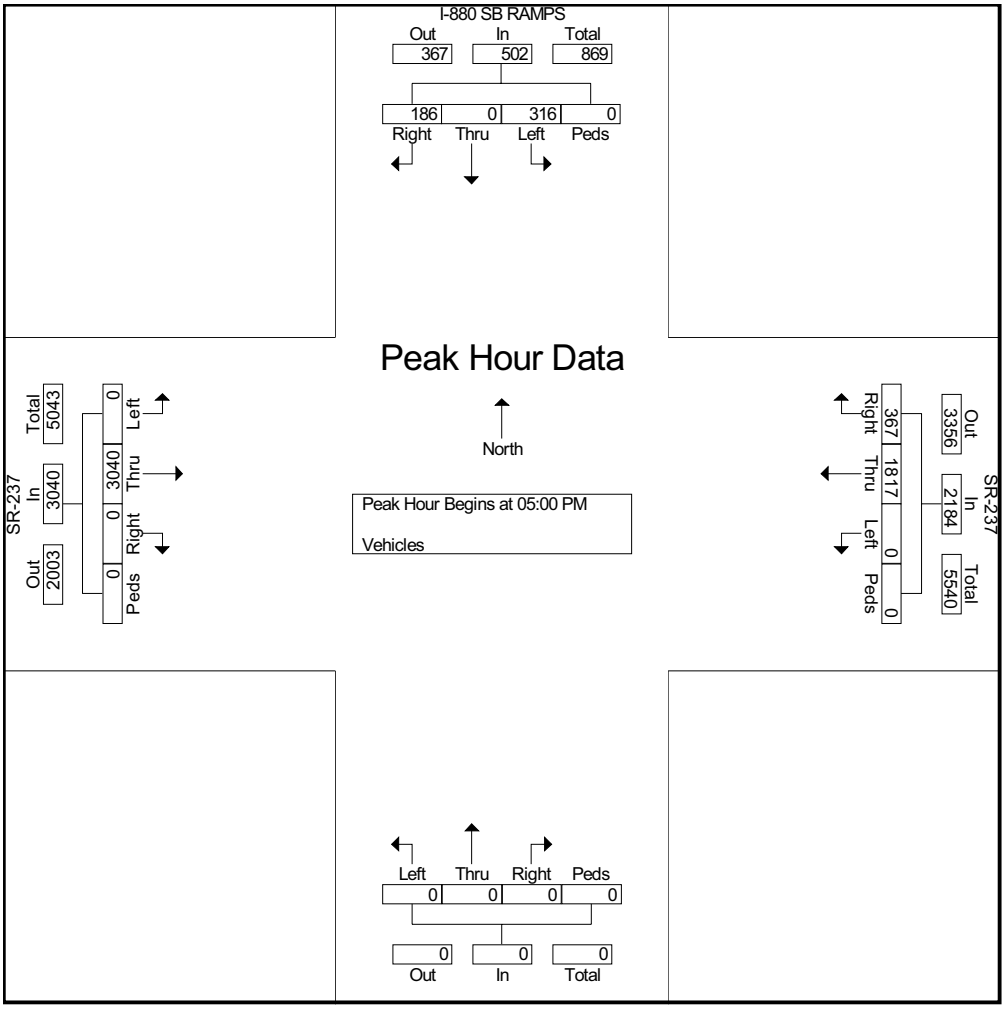
Traffic Data Service

Campbell, CA

(408) 377-2988

tdsbay@cs.com

File Name : 1PM FINAL
Site Code : 00000001
Start Date : 8/14/2007
Page No : 2



Traffic Data Service

Campbell, CA

(408) 377-2988

tdsbay@cs.com

File Name : 2PM FINAL
Site Code : 00000002
Start Date : 8/14/2007
Page No : 1

Groups Printed- Vehicles

	Southbound					CALAVERAS BLVD Westbound					I-880 NB RAMPS Northbound					CALAVERAS BLVD Eastbound					
Start Time	Right	Thru	Left	Peds	App. Total	Right	Thru	Left	Peds	App. Total	Right	Thru	Left	Peds	App. Total	Right	Thru	Left	Peds	App. Total	Int. Total
Factor	1.0	1.0	1.0	1.0		1.0	1.0	1.0	1.0		1.0	1.0	1.0	1.0		1.0	1.0	1.0	1.0		
04:00 PM	0	0	0	0	0	49	384	0	0	433	140	0	143	0	283	59	652	0	0	711	1427
04:15 PM	0	0	0	0	0	52	370	0	0	422	175	0	148	0	323	53	723	0	0	776	1521
04:30 PM	0	0	0	0	0	53	388	0	0	441	205	0	165	0	370	54	731	0	0	785	1596
04:45 PM	0	0	0	0	0	56	363	0	0	419	196	0	149	0	345	61	743	0	0	804	1568
Total	0	0	0	0	0	210	1505	0	0	1715	716	0	605	0	1321	227	2849	0	0	3076	6112
05:00 PM	0	0	0	0	0	60	427	0	0	487	213	0	141	0	354	65	783	0	0	848	1689
05:15 PM	0	0	0	0	0	48	404	0	0	452	212	0	168	0	380	56	749	0	0	805	1637
05:30 PM	0	0	0	0	0	29	347	0	0	376	188	0	165	0	353	62	759	0	0	821	1550
05:45 PM	0	0	0	0	0	40	359	0	0	399	193	0	155	0	348	58	753	0	0	811	1558
Total	0	0	0	0	0	177	1537	0	0	1714	806	0	629	0	1435	241	3044	0	0	3285	6434
Grand Total	0	0	0	0	0	387	3042	0	0	3429	1522	0	1234	0	2756	468	5893	0	0	6361	12546
Apprch %	0	0	0	0		11.3	88.7	0	0		55.2	0	44.8	0		7.4	92.6	0	0		
Total %	0	0	0	0	0	3.1	24.2	0	0	27.3	12.1	0	9.8	0	22	3.7	47	0	0	50.7	

	Southbound					CALAVERAS BLVD Westbound					I-880 NB RAMPS Northbound					CALAVERAS BLVD Eastbound					
Start Time	Right	Thru	Left	Peds	App. Total	Right	Thru	Left	Peds	App. Total	Right	Thru	Left	Peds	App. Total	Right	Thru	Left	Peds	App. Total	Int. Total
Peak Hour Analysis From 04:00 PM to 05:45 PM - Peak 1 of 1																					
Peak Hour for Entire Intersection Begins at 04:30 PM																					
04:30 PM	0	0	0	0	0	53	388	0	0	441	205	0	165	0	370	54	731	0	0	785	1596
04:45 PM	0	0	0	0	0	56	363	0	0	419	196	0	149	0	345	61	743	0	0	804	1568
05:00 PM	0	0	0	0	0	**60**	**427**	0	0	**487**	**213**	0	141	0	354	**65**	**783**	0	0	**848**	**1689**
05:15 PM	0	0	0	0	0	48	404	0	0	452	212	0	**168**	0	**380**	56	749	0	0	805	1637
Total Volume	0	0	0	0	0	217	1582	0	0	1799	826	0	623	0	1449	236	3006	0	0	3242	6490
% App. Total	0	0	0	0		12.1	87.9	0	0		57	0	43	0		7.3	92.7	0	0		
PHF	.000	.000	.000	.000	.000	.904	.926	.000	.000	.924	.969	.000	.927	.000	.953	.908	.960	.000	.000	.956	.961

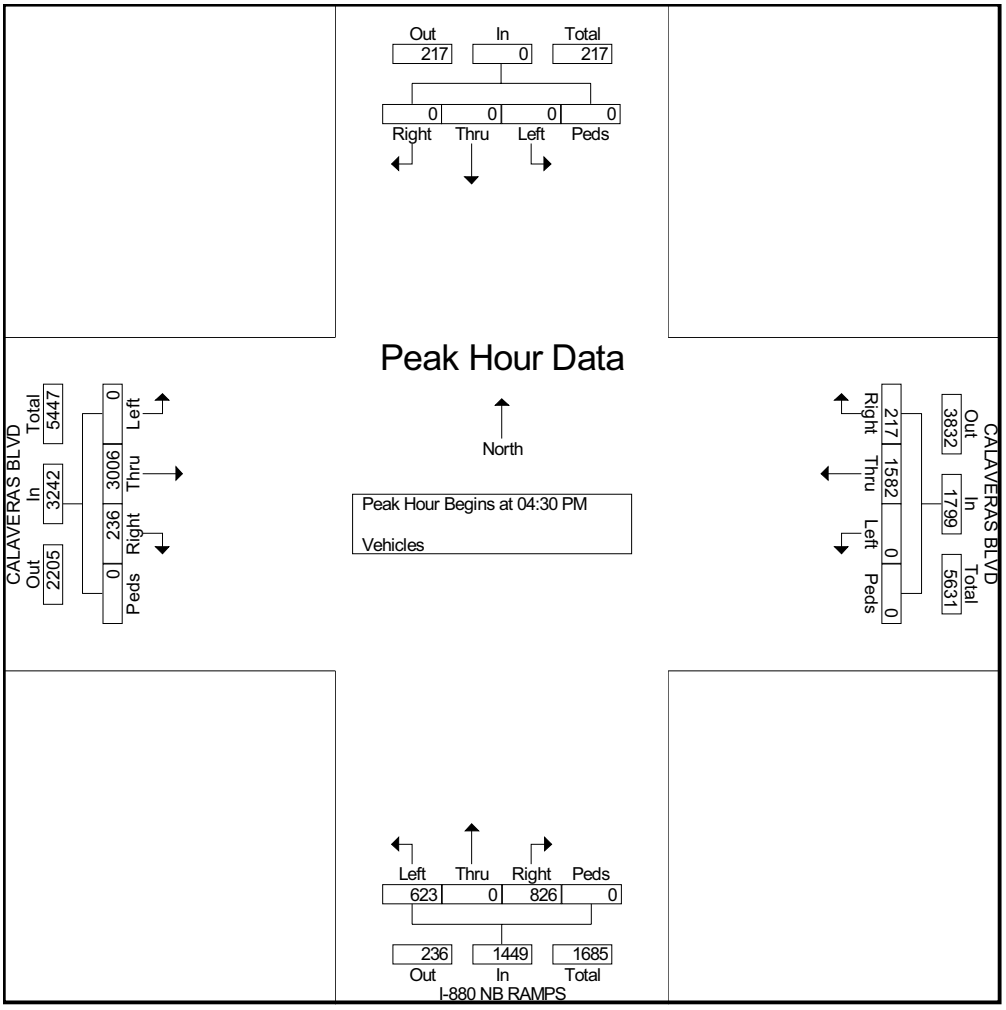
Traffic Data Service

Campbell, CA

(408) 377-2988

tdsbay@cs.com

File Name : 2PM FINAL
Site Code : 00000002
Start Date : 8/14/2007
Page No : 2



PM Peak-Hour Volume Count Worksheet

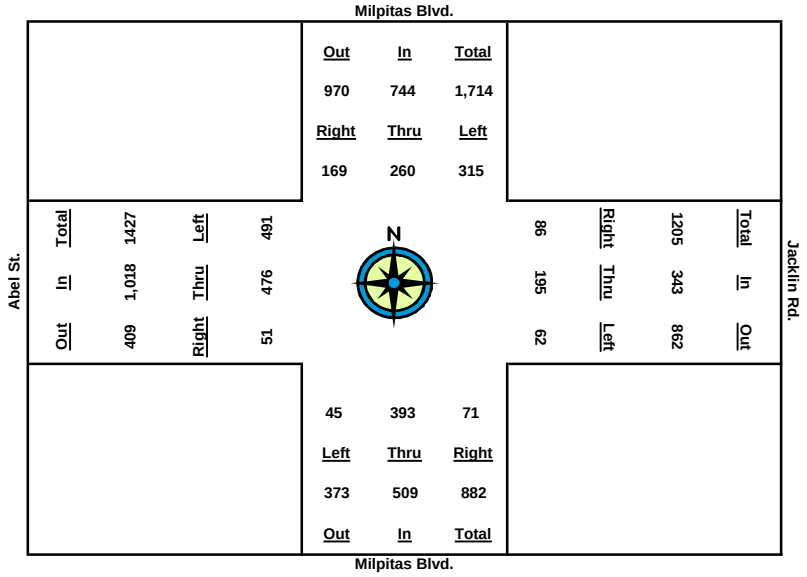
Date: 6/19/07
Counter: Shaun and Kristin
Intersection Name: Milpitas Blvd. and Abel St../Jacklin Rd.
Weather: Clear

AUTO-CENSUS
Traffic Monitoring and Analysis
870 Castlewood Dr. #1
Los Gatos, CA 95032
Phone 408-826-9673 Fax 408-877-1625

	Milpitas Blvd.				Jacklin Rd.				Milpitas Blvd.				Abel St.			
	North Approach				East Approach				South Approach				West Approach			
Start Time	Right	Thru	Left	Total	Right	Thru	Left	Total	Right	Thru	Left	Total	Right	Thru	Left	Total
4:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
4:15	38	53	35	126	23	30	12	65	36	64	23	123	3	58	57	118
4:30	79	109	84	272	54	93	29	176	53	125	47	225	7	137	133	277
4:45	123	165	141	429	94	142	44	280	72	242	55	369	19	229	232	480
5:00	174	217	230	621	133	204	60	397	85	312	63	460	24	326	329	679
5:15	219	276	313	808	154	243	77	474	98	432	78	608	32	411	419	862
5:30	255	345	384	984	173	278	93	544	121	506	92	719	51	540	553	1,144
5:45	292	425	456	1,173	180	337	106	623	143	635	100	878	70	705	723	1,498
6:00	316	465	492	1,273	195	380	122	697	162	733	109	1,004	84	781	801	1,666

Peak Hour	Right	Thru	Left	Total	Right	Thru	Left	Total	Right	Thru	Left	Total	Right	Thru	Left	Total	PK Hour
4:00 - 5:00	174	217	230	621	133	204	60	397	85	312	63	460	24	326	329	679	2,157
4:15 - 5:15	181	223	278	682	131	213	65	409	62	368	55	485	29	353	362	744	2,320
4:30 - 5:30	176	236	300	712	119	185	64	368	68	381	45	494	44	403	420	867	2,441
4:45 - 5:45	169	260	315	744	86	195	62	343	71	393	45	509	51	476	491	1,018	2,614
5:00 - 6:00	142	248	262	652	62	176	62	300	77	421	46	544	60	455	472	987	2,483
Peak Volumes:	**169**	**260**	**315**	**744**	**86**	**195**	**62**	**343**	**71**	**393**	**45**	**509**	**51**	**476**	**491**	**1,018**	**2,614**

Cut and Paste	NBL	NBT	NBR	SBL	SBT	SBR	EBL	EBT	EBR	WBL	WBT	WBR
	45	393	71	315	260	169	491	476	51	62	195	86



	MILPITAS BLVD Southbound				CALAVERAS BLVD Westbound				MILPITAS BLVD Northbound				CALAVERAS BLVD Eastbound				
Start Time	Right	Thru	Left	Peds	Right	Thru	Left	Peds	Right	Thru	Left	Peds	Right	Thru	Left	Peds	Total
07:30 AM	151	47	39	0	22	506	9	0	2	40	74	0	65	113	12	0	1080
07:45 AM	151	94	52	0	26	497	8	0	6	24	100	0	117	157	30	0	1262
08:00 AM	177	69	70	0	24	486	31	1	4	22	89	0	89	187	36	0	1285
08:15 AM	136	69	57	1	15	451	26	0	5	42	96	1	97	191	55	0	1242
	615	**279**	**218**	**1**	**87**	**1940**	**74**	**1**	**17**	**128**	**359**	**1**	**368**	**648**	**133**	**0**	
04:45 PM	82	73	82	0	64	292	28	3	27	76	115	0	88	492	117	0	1539
05:00 PM	94	65	98	0	66	280	31	0	20	93	136	3	84	442	93	0	1505
05:15 PM	46	41	72	0	55	276	30	1	26	121	121	2	95	459	91	2	1438
05:30 PM	35	58	74	0	64	338	41	2	22	94	106	0	99	495	69	1	1498
	257	**237**	**326**	**0**	**249**	**1186**	**130**	**6**	**95**	**384**	**478**	**5**	**366**	**1888**	**370**	**3**	**5980**

Peak-Hour Volume Count Worksheet

Date: 11/15/06
Counter:
on Name: Calaveras and Abel
Weather: Clear

AUTO-CENSUS

Traffic Monitoring and Analysis
870 Castlewood Dr. #1
Los Gatos, CA 95032
Phone 408-826-9673 Fax 408-877-16

PM Peak-Hour Volume Count Worksheet

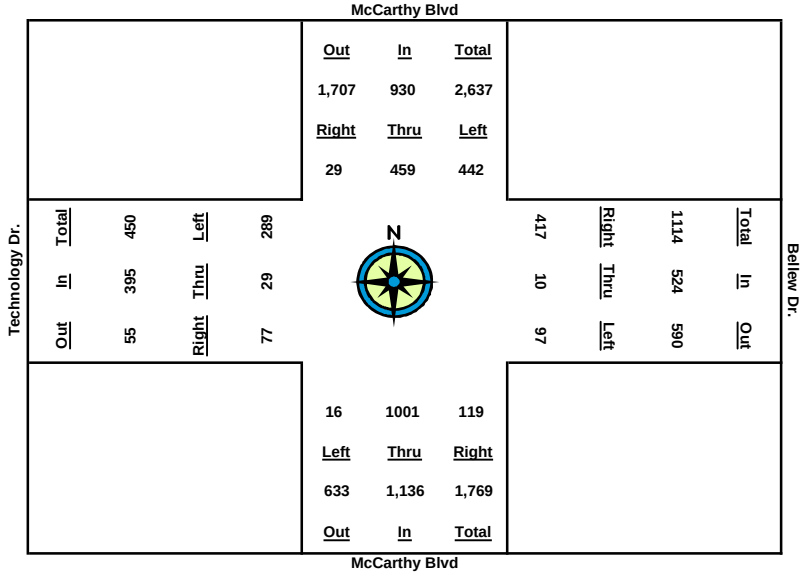
Date: 6/14/07
Counter: Shaun and Byron
Intersection Name: McCarthy Blvd and Technology/Bellew Dr.
Weather: Clear

AUTO-CENSUS
Traffic Monitoring and Analysis
870 Castlewood Dr. #1
Los Gatos, CA 95032
Phone 408-826-9673 Fax 408-877-1625

	McCarthy Blvd				Bellew Dr.				McCarthy Blvd				Technology Dr.			
	North Approach				East Approach				South Approach				West Approach			
Start Time	Right	Thru	Left	Total	Right	Thru	Left	Total	Right	Thru	Left	Total	Right	Thru	Left	Total
4:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
4:15	13	129	97	239	93	4	23	120	19	91	4	114	9	4	25	38
4:30	26	235	168	429	165	4	49	218	37	286	9	332	16	7	50	73
4:45	31	335	237	603	257	10	69	336	63	369	12	444	34	9	79	122
5:00	36	452	311	799	344	14	95	453	93	534	15	642	43	17	118	178
5:15	41	559	389	989	464	19	127	610	115	738	19	872	63	21	194	278
5:30	44	671	466	1,181	556	20	151	727	144	1,027	20	1,191	82	28	283	393
5:45	60	799	678	1,537	658	23	189	870	174	1,290	24	1,488	102	38	349	489
6:00	65	911	753	1,729	761	24	192	977	212	1,535	31	1,778	120	46	407	573

Peak Hour	Right	Thru	Left	Total	Right	Thru	Left	Total	Right	Thru	Left	Total	Right	Thru	Left	Total	PK Hour
4:00 - 5:00	36	452	311	799	344	14	95	453	93	534	15	642	43	17	118	178	2,072
4:15 - 5:15	28	430	292	750	371	15	104	490	96	647	15	758	54	17	169	240	2,238
4:30 - 5:30	18	436	298	752	391	16	102	509	107	741	11	859	66	21	233	320	2,440
4:45 - 5:45	29	464	441	934	401	13	120	534	111	921	12	1,044	68	29	270	367	2,879
5:00 - 6:00	29	459	442	930	417	10	97	524	119	1,001	16	1,136	77	29	289	395	2,985
Peak Volumes:	**29**	**459**	**442**	**930**	**417**	**10**	**97**	**524**	**119**	**1,001**	**16**	**1,136**	**77**	**29**	**289**	**395**	**2,985**

Cut and Paste	NBL	NBT	NBR	SBL	SBT	SBR	EBL	EBT	EBR	WBL	WBT	WBR
	16	1,001	119	442	459	29	289	29	77	97	10	417



PM Peak-Hour Volume Count Worksheet

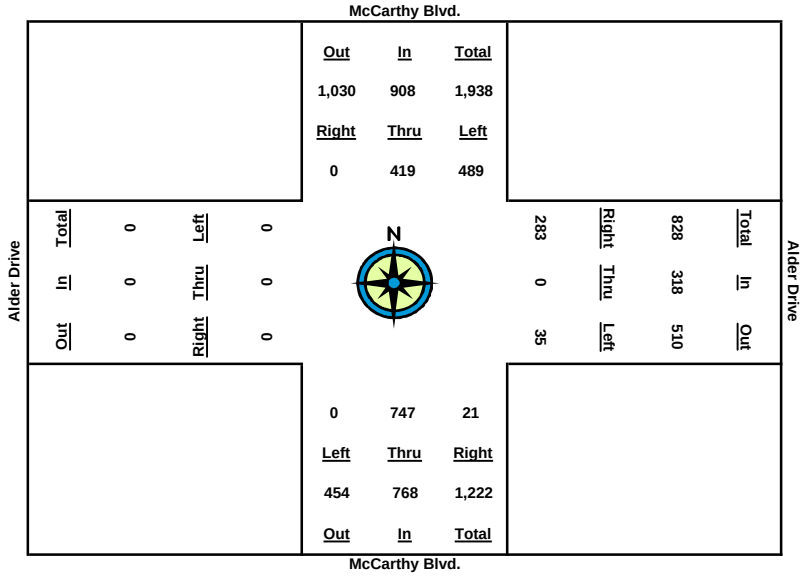
Date: 6/14/07
Counter: Logan and Jayme
Intersection Name: McCarthy Blvd. and Alder Dr.
Weather: Clear

AUTO-CENSUS
Traffic Monitoring and Analysis
870 Castlewood Dr. #1
Los Gatos, CA 95032
Phone 408-826-9673 Fax 408-877-1625

	McCarthy Blvd.				Alder Drive				McCarthy Blvd.				Alder Drive			
	North Approach				East Approach				South Approach				West Approach			
Start Time	Right	Thru	Left	Total	Right	Thru	Left	Total	Right	Thru	Left	Total	Right	Thru	Left	Total
4:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
4:15	0	71	91	162	50	0	5	55	1	61	0	62	0	0	0	0
4:30	0	166	220	386	101	0	7	108	4	185	0	189	0	0	0	0
4:45	0	231	304	535	143	0	15	158	12	340	0	352	0	0	0	0
5:00	0	380	470	850	225	0	24	249	19	488	0	507	0	0	0	0
5:15	0	440	562	1,002	275	0	29	304	24	696	0	720	0	0	0	0
5:30	0	526	660	1,186	337	0	35	372	29	870	0	899	0	0	0	0
5:45	0	650	793	1,443	426	0	50	476	33	1,087	0	1,120	0	0	0	0
6:00	0	751	883	1,634	498	0	59	557	37	1,297	0	1,334	0	0	0	0

Peak Hour	Right	Thru	Left	Total	Right	Thru	Left	Total	Right	Thru	Left	Total	Right	Thru	Left	Total	PK Hour
4:00 - 5:00	0	380	470	850	225	0	24	249	19	488	0	507	0	0	0	0	1,606
4:15 - 5:15	0	369	471	840	225	0	24	249	23	635	0	658	0	0	0	0	1,747
4:30 - 5:30	0	360	440	800	236	0	28	264	25	685	0	710	0	0	0	0	1,774
4:45 - 5:45	0	419	489	908	283	0	35	318	21	747	0	768	0	0	0	0	1,994
5:00 - 6:00	0	371	413	784	273	0	35	308	18	809	0	827	0	0	0	0	1,919
Peak Volumes:	**0**	**419**	**489**	**908**	**283**	**0**	**35**	**318**	**21**	**747**	**0**	**768**	**0**	**0**	**0**	**0**	**1,994**

Cut and Paste	NBL	NBT	NBR	SBL	SBT	SBR	EBL	EBT	EBR	WBL	WBT	WBR
	0	747	21	489	419	0	0	0	0	35	0	283



PM Peak-Hour Volume Count Worksheet

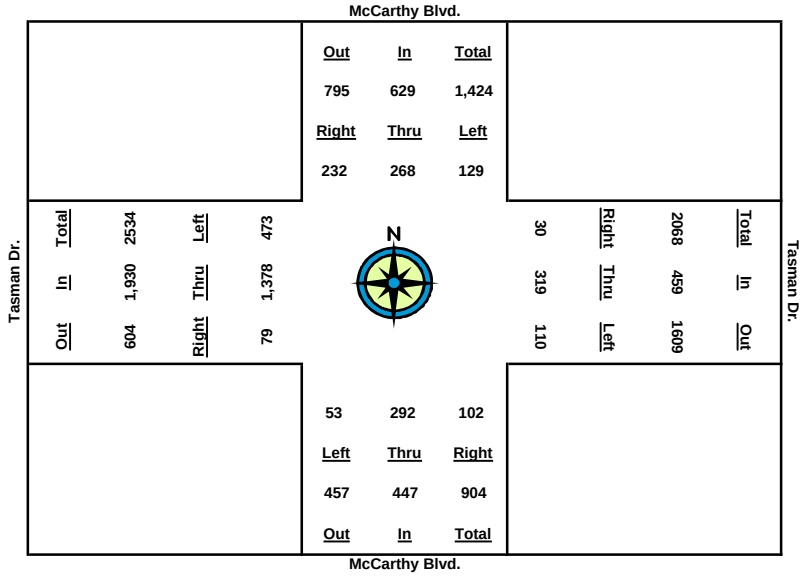
Date: 6/14/07
Counter: Patti and Byron
Intersection Name: McCarthy Blvd. and Tasman Dr.
Weather: Clear

AUTO-CENSUS
Traffic Monitoring and Analysis
870 Castlewood Dr. #1
Los Gatos, CA 95032
Phone 408-826-9673 Fax 408-877-1625

	McCarthy Blvd.				Tasman Dr.				McCarthy Blvd.				Tasman Dr.			
	North Approach				East Approach				South Approach				West Approach			
Start Time	Right	Thru	Left	Total	Right	Thru	Left	Total	Right	Thru	Left	Total	Right	Thru	Left	Total
4:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
4:15	40	43	20	103	8	53	7	68	21	53	13	87	14	220	56	290
4:30	75	89	46	210	12	121	9	142	34	101	27	162	30	453	130	613
4:45	109	134	78	321	19	179	19	217	54	173	36	263	42	740	211	993
5:00	156	183	108	447	23	241	28	292	72	243	61	376	49	1,013	269	1,331
5:15	203	244	142	589	30	301	40	371	101	316	74	491	68	1,326	387	1,781
5:30	253	307	169	729	38	384	73	495	126	363	83	572	82	1,652	489	2,223
5:45	323	370	193	886	49	466	119	634	151	464	97	712	104	2,052	611	2,767
6:00	388	451	237	1,076	53	560	138	751	174	535	114	823	128	2,391	742	3,261

Peak Hour	Right	Thru	Left	Total	Right	Thru	Left	Total	Right	Thru	Left	Total	Right	Thru	Left	Total	PK Hour
4:00 - 5:00	156	183	108	447	23	241	28	292	72	243	61	376	49	1,013	269	1,331	2,446
4:15 - 5:15	163	201	122	486	22	248	33	303	80	263	61	404	54	1,106	331	1,491	2,684
4:30 - 5:30	178	218	123	519	26	263	64	353	92	262	56	410	52	1,199	359	1,610	2,892
4:45 - 5:45	214	236	115	565	30	287	100	417	97	291	61	449	62	1,312	400	1,774	3,205
5:00 - 6:00	232	268	129	629	30	319	110	459	102	292	53	447	79	1,378	473	1,930	3,465
Peak Volumes:	**232**	**268**	**129**	**629**	**30**	**319**	**110**	**459**	**102**	**292**	**53**	**447**	**79**	**1,378**	**473**	**1,930**	**3,465**

Cut and Paste	NBL	NBT	NBR	SBL	SBT	SBR	EBL	EBT	EBR	WBL	WBT	WBR
	53	292	102	129	268	232	473	1,378	79	110	319	30



PM Peak-Hour Volume Count Worksheet

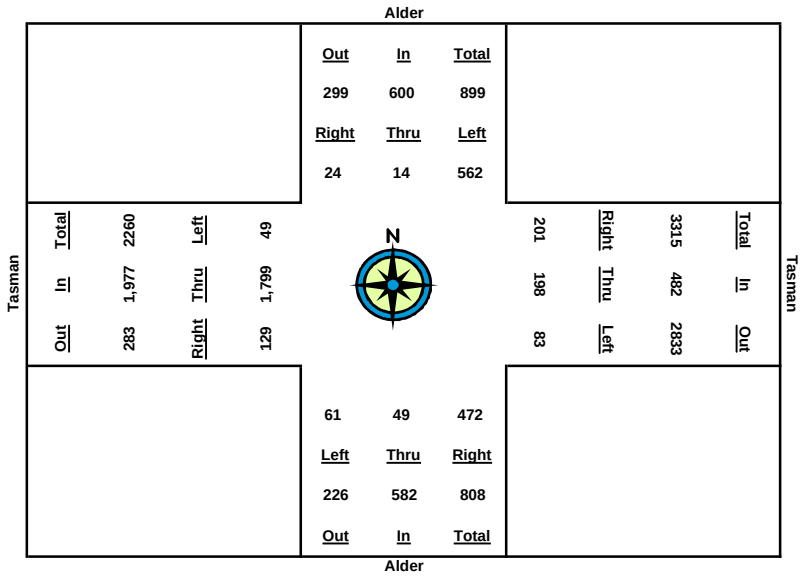
Date: 6/13/07
Counter: Kevin and Josh
Intersection Name: Tasman and Alder
Weather: Clear

AUTO-CENSUS
Traffic Monitoring and Analysis
870 Castlewood Dr. #1
Los Gatos, CA 95032
Phone 408-826-9673 Fax 408-877-1625

	Alder				Tasman				Alder				Tasman			
	North Approach				East Approach				South Approach				West Approach			
Start Time	Right	Thru	Left	Total	Right	Thru	Left	Total	Right	Thru	Left	Total	Right	Thru	Left	Total
4:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
4:15	8	1	83	92	43	61	13	117	47	13	41	101	14	144	8	166
4:30	13	5	211	229	87	110	32	229	140	33	55	228	30	300	24	354
4:45	19	7	322	348	116	163	46	325	219	36	72	327	57	756	41	854
5:00	24	11	468	503	154	220	66	440	281	43	83	407	74	1,188	53	1,315
5:15	30	16	610	656	213	265	86	564	415	51	96	562	98	1,607	62	1,767
5:30	34	18	780	832	267	326	106	699	524	62	116	702	130	2,024	79	2,233
5:45	42	22	905	969	305	374	132	811	681	80	131	892	174	2,511	88	2,773
6:00	48	25	1,030	1,103	355	418	149	922	753	92	144	989	203	2,987	102	3,292

Peak Hour	Right	Thru	Left	Total	Right	Thru	Left	Total	Right	Thru	Left	Total	Right	Thru	Left	Total	PK Hour
4:00 - 5:00	24	11	468	503	154	220	66	440	281	43	83	407	74	1,188	53	1,315	2,665
4:15 - 5:15	22	15	527	564	170	204	73	447	368	38	55	461	84	1,463	54	1,601	3,073
4:30 - 5:30	21	13	569	603	180	216	74	470	384	29	61	474	100	1,724	55	1,879	3,426
4:45 - 5:45	23	15	583	621	189	211	86	486	462	44	59	565	117	1,755	47	1,919	3,591
5:00 - 6:00	24	14	562	600	201	198	83	482	472	49	61	582	129	1,799	49	1,977	3,641
Peak Volumes:	**24**	**14**	**562**	**600**	**201**	**198**	**83**	**482**	**472**	**49**	**61**	**582**	**129**	**1,799**	**49**	**1,977**	**3,641**

Cut and Paste	NBL	NBT	NBR	SBL	SBT	SBR	EBL	EBT	EBR	WBL	WBT	WBR
	61	49	472	562	14	24	49	1,799	129	83	198	201



PM Peak-Hour Volume Count Worksheet

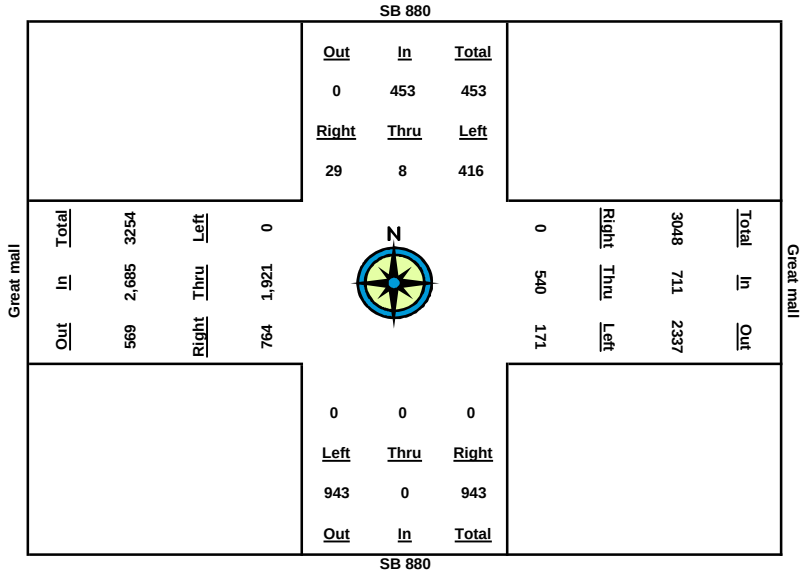
Date: 6/13/07
Counter: Shoun Alvarez & Kristen Pedronan
Intersection Name: Tasman Drive/Great Mall & 880 SB
Weather: Clear

AUTO-CENSUS
Traffic Monitoring and Analysis
870 Castlewood Dr. #1
Los Gatos, CA 95032
Phone 408-826-9673 Fax 408-877-1625

	SB 880				Great mall				SB 880				Great mall			
	North Approach				East Approach				South Approach				West Approach			
Start Time	Right	Thru	Left	Total	Right	Thru	Left	Total	Right	Thru	Left	Total	Right	Thru	Left	Total
4:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
4:15	15	1	56	72	0	87	57	144	0	0	0	0	135	246	0	381
4:30	21	5	107	133	0	190	109	299	0	0	0	0	321	846	0	1,167
4:45	28	7	170	205	0	307	161	468	0	0	0	0	511	900	0	1,411
5:00	39	7	232	278	0	391	200	591	0	0	0	0	667	1,284	0	1,951
5:15	45	8	415	468	0	530	264	794	0	0	0	0	894	1,769	0	2,663
5:30	52	9	500	561	0	669	314	983	0	0	0	0	1,111	2,325	0	3,436
5:45	65	15	588	668	0	807	341	1,148	0	0	0	0	1,277	2,768	0	4,045
6:00	68	15	648	731	0	931	371	1,302	0	0	0	0	1,431	3,205	0	4,636

Peak Hour	Right	Thru	Left	Total	Right	Thru	Left	Total	Right	Thru	Left	Total	Right	Thru	Left	Total	PK Hour
4:00 - 5:00	39	7	232	278	0	391	200	591	0	0	0	0	667	1,284	0	1,951	2,820
4:15 - 5:15	30	7	359	396	0	443	207	650	0	0	0	0	759	1,523	0	2,282	3,328
4:30 - 5:30	31	4	393	428	0	479	205	684	0	0	0	0	790	1,479	0	2,269	3,381
4:45 - 5:45	37	8	418	463	0	500	180	680	0	0	0	0	766	1,868	0	2,634	3,777
5:00 - 6:00	29	8	416	453	0	540	171	711	0	0	0	0	764	1,921	0	2,685	3,849
Peak Volumes:	**29**	**8**	**416**	**453**	**0**	**540**	**171**	**711**	**0**	**0**	**0**	**0**	**764**	**1,921**	**0**	**2,685**	**3,849**

Cut and Paste	NBL	NBT	NBR	SBL	SBT	SBR	EBL	EBT	EBR	WBL	WBT	WBR
	0	0	0	416	8	29	0	1,921	764	171	540	0



PM Peak-Hour Volume Count Worksheet

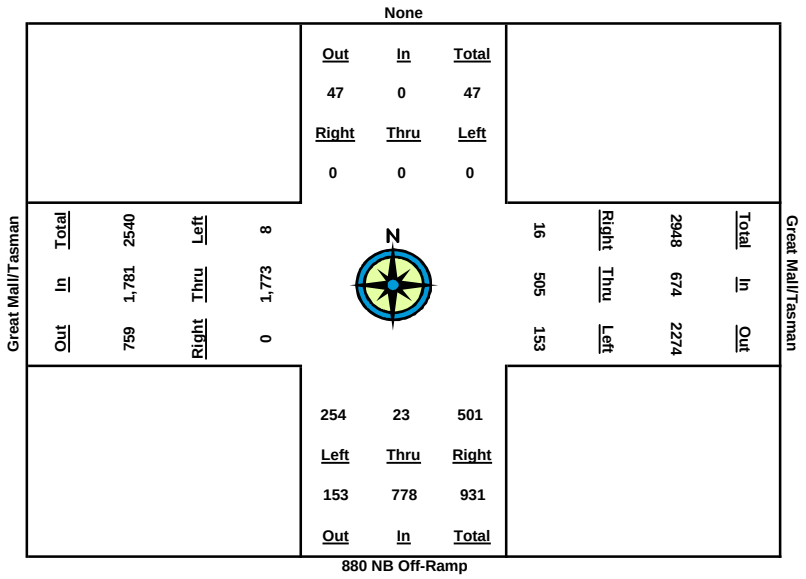
Date: 6/14/07
Counter: Patti and Byron
Intersection Name: NB 880 Ramps and Great Mall/Tasman
Weather: Clear

AUTO-CENSUS
Traffic Monitoring and Analysis
870 Castlewood Dr. #1
Los Gatos, CA 95032
Phone 408-826-9673 Fax 408-877-1625

	None				Great Mall/Tasman				880 NB Off-Ramp				Great Mall/Tasman			
	North Approach				East Approach				South Approach				West Approach			
Start Time	Right	Thru	Left	Total	Right	Thru	Left	Total	Right	Thru	Left	Total	Right	Thru	Left	Total
4:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
4:15	0	0	0	0	4	97	44	145	112	7	58	177	0	22	5	27
4:30	0	0	0	0	7	211	87	305	241	11	107	359	0	495	6	501
4:45	0	0	0	0	18	312	135	465	321	12	142	475	0	787	10	797
5:00	0	0	0	0	22	412	165	599	429	19	197	645	0	1,112	16	1,128
5:15	0	0	0	0	24	550	210	784	604	22	267	893	0	1,475	19	1,494
5:30	0	0	0	0	26	675	241	942	738	28	332	1,098	0	2,036	21	2,057
5:45	0	0	0	0	30	783	281	1,094	828	38	394	1,260	0	2,491	24	2,515
6:00	0	0	0	0	38	917	318	1,273	930	42	451	1,423	0	2,885	24	2,909

Peak Hour	Right	Thru	Left	Total	Right	Thru	Left	Total	Right	Thru	Left	Total	Right	Thru	Left	Total	PK Hour
4:00 - 5:00	0	0	0	0	22	412	165	599	429	19	197	645	0	1,112	16	1,128	2,372
4:15 - 5:15	0	0	0	0	20	453	166	639	492	15	209	716	0	1,453	14	1,467	2,822
4:30 - 5:30	0	0	0	0	19	464	154	637	497	17	225	739	0	1,541	15	1,556	2,932
4:45 - 5:45	0	0	0	0	12	471	146	629	507	26	252	785	0	1,704	14	1,718	3,132
5:00 - 6:00	0	0	0	0	16	505	153	674	501	23	254	778	0	1,773	8	1,781	3,233
Peak Volumes:	**0**	**0**	**0**	**0**	**16**	**505**	**153**	**674**	**501**	**23**	**254**	**778**	**0**	**1,773**	**8**	**1,781**	**3,233**

Cut and Paste	NBL	NBT	NBR	SBL	SBT	SBR	EBL	EBT	EBR	WBL	WBT	WBR
	254	23	501	0	0	0	8	1,773	0	153	505	16



Traffic Data Service

Campbell, CA

(408) 377-2988
tdsbay@cs.com

File Name : 1AM FINAL
Site Code : 00000001
Start Date : 11/29/2007
Page No : 1

Groups Printed- Vehicles

	McARTHY BLVD Southbound					BELLEW DR Westbound					McARTHY BLVD Northbound					BELLEW DR Eastbound					
Start Time	Right	Thru	Left	Peds	App. Total	Right	Thru	Left	Peds	App. Total	Right	Thru	Left	Peds	App. Total	Right	Thru	Left	Peds	App. Total	Int. Total
Factor	1.0	1.0	1.0	1.0		1.0	1.0	1.0	1.0		1.0	1.0	1.0	1.0		1.0	1.0	1.0	1.0		
11:30 AM	27	110	187	0	324	85	2	12	0	99	51	210	5	0	266	14	17	64	0	95	784
11:45 AM	35	113	210	0	358	102	4	15	0	121	49	197	6	0	252	23	24	72	0	119	850
Total	62	223	397	0	682	187	6	27	0	220	100	407	11	0	518	37	41	136	0	214	1634
12:00 PM	44	160	187	0	391	111	8	25	0	144	72	224	6	0	302	9	19	81	0	109	946
12:15 PM	38	212	170	0	420	104	9	28	0	141	50	193	7	0	250	11	8	46	0	65	876
12:30 PM	47	238	161	0	446	134	5	51	0	190	36	151	11	0	198	12	9	24	0	45	879
12:45 PM	53	241	104	0	398	159	17	70	0	246	34	118	7	0	159	11	10	32	0	53	856
Total	182	851	622	0	1655	508	39	174	0	721	192	686	31	0	909	43	46	183	0	272	3557
01:00 PM	75	296	155	0	526	159	12	52	0	223	42	136	10	0	188	6	8	23	0	37	974
01:15 PM	59	252	128	0	439	178	13	64	0	255	24	125	13	0	162	2	5	14	0	21	877
Grand Total	378	1622	1302	0	3302	1032	70	317	0	1419	358	1354	65	0	1777	88	100	356	0	544	7042
Apprch %	11.4	49.1	39.4	0		72.7	4.9	22.3	0		20.1	76.2	3.7	0		16.2	18.4	65.4	0		
Total %	5.4	23	18.5	0	46.9	14.7	1	4.5	0	20.2	5.1	19.2	0.9	0	25.2	1.2	1.4	5.1	0	7.7	

	McARTHY BLVD Southbound					BELLEW DR Westbound					McARTHY BLVD Northbound					BELLEW DR Eastbound					
Start Time	Right	Thru	Left	Peds	App. Total	Right	Thru	Left	Peds	App. Total	Right	Thru	Left	Peds	App. Total	Right	Thru	Left	Peds	App. Total	Int. Total
Peak Hour Analysis From 11:30 AM to 01:15 PM - Peak 1 of 1																					
Peak Hour for Entire Intersection Begins at 12:30 PM																					
12:30 PM	47	238	**161**	0	446	134	5	51	0	190	36	**151**	11	0	**198**	**12**	9	24	0	45	879
12:45 PM	53	241	104	0	398	159	**17**	**70**	0	246	34	118	7	0	159	11	**10**	**32**	0	**53**	856
01:00 PM	**75**	**296**	155	0	**526**	159	12	52	0	223	**42**	136	10	0	188	6	8	23	0	37	**974**
01:15 PM	59	252	128	0	439	**178**	13	64	0	**255**	24	125	**13**	0	162	2	5	14	0	21	877
Total Volume	234	1027	548	0	1809	630	47	237	0	914	136	530	41	0	707	31	32	93	0	156	3586
% App. Total	12.9	56.8	30.3	0		68.9	5.1	25.9	0		19.2	75	5.8	0		19.9	20.5	59.6	0		
PHF	.780	.867	.851	.000	.860	.885	.691	.846	.000	.896	.810	.877	.788	.000	.893	.646	.800	.727	.000	.736	.920

Traffic Data Service

Campbell, CA

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File Name : 1AM FINAL
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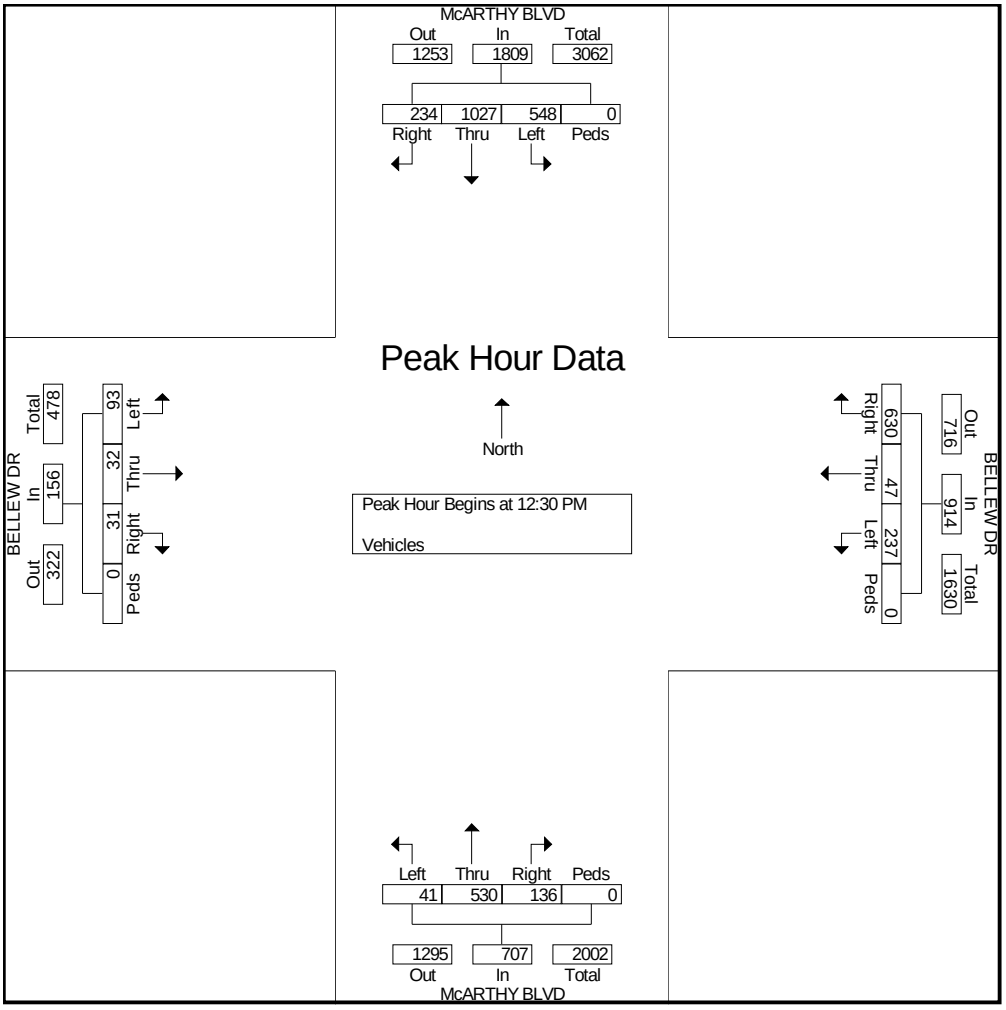

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Campbell, CA

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File Name : 2AM FINAL
Site Code : 00000002
Start Date : 11/29/2007
Page No : 1

Groups Printed- Vehicles

	BARBER CT Southbound					BELLEW DR Westbound					BARBER LN Northbound					BELLEW DR Eastbound					
Start Time	Right	Thru	Left	Peds	App. Total	Right	Thru	Left	Peds	App. Total	Right	Thru	Left	Peds	App. Total	Right	Thru	Left	Peds	App. Total	Int. Total
Factor	1.0	1.0	1.0	1.0		1.0	1.0	1.0	1.0		1.0	1.0	1.0	1.0		1.0	1.0	1.0	1.0		
11:30 AM	8	5	5	0	18	3	6	4	0	13	4	10	13	0	27	11	6	4	0	21	79
11:45 AM	0	7	4	0	11	0	30	7	0	37	57	76	59	0	192	1	1	1	0	3	243
Total	8	12	9	0	29	3	36	11	0	50	61	86	72	0	219	12	7	5	0	24	322
12:00 PM	7	24	34	0	65	7	25	50	0	82	54	73	50	0	177	23	13	0	0	36	360
12:15 PM	0	34	48	0	82	13	4	51	0	68	52	69	54	0	175	25	18	0	0	43	368
12:30 PM	10	21	41	0	72	10	14	56	0	80	52	30	32	0	114	45	20	8	0	73	339
12:45 PM	31	21	56	0	108	15	13	62	0	90	55	20	39	0	114	48	18	6	0	72	384
Total	48	100	179	0	327	45	56	219	0	320	213	192	175	0	580	141	69	14	0	224	1451
01:00 PM	6	22	44	0	72	7	14	50	0	71	62	41	36	0	139	0	0	0	0	0	282
01:15 PM	8	28	45	0	81	8	9	51	0	68	55	41	43	0	139	7	6	0	0	13	301
Grand Total	70	162	277	0	509	63	115	331	0	509	391	360	326	0	1077	160	82	19	0	261	2356
Apprch %	13.8	31.8	54.4	0		12.4	22.6	65	0		36.3	33.4	30.3	0		61.3	31.4	7.3	0		
Total %	3	6.9	11.8	0	21.6	2.7	4.9	14	0	21.6	16.6	15.3	13.8	0	45.7	6.8	3.5	0.8	0	11.1	

	BARBER CT Southbound					BELLEW DR Westbound					BARBER LN Northbound					BELLEW DR Eastbound					
Start Time	Right	Thru	Left	Peds	App. Total	Right	Thru	Left	Peds	App. Total	Right	Thru	Left	Peds	App. Total	Right	Thru	Left	Peds	App. Total	Int. Total
Peak Hour Analysis From 11:30 AM to 01:15 PM - Peak 1 of 1																					
Peak Hour for Entire Intersection Begins at 12:00 PM																					
12:00 PM	7	24	34	0	65	7	**25**	50	0	82	54	**73**	50	0	**177**	23	13	0	0	36	360
12:15 PM	0	**34**	48	0	82	13	4	51	0	68	52	69	**54**	0	175	25	18	0	0	43	368
12:30 PM	10	21	41	0	72	10	14	56	0	80	52	30	32	0	114	45	**20**	**8**	0	**73**	339
12:45 PM	**31**	21	**56**	0	**108**	**15**	13	**62**	0	**90**	**55**	20	39	0	114	**48**	18	6	0	72	**384**
Total Volume	48	100	179	0	327	45	56	219	0	320	213	192	175	0	580	141	69	14	0	224	1451
% App. Total	14.7	30.6	54.7	0		14.1	17.5	68.4	0		36.7	33.1	30.2	0		62.9	30.8	6.2	0		
PHF	.387	.735	.799	.000	.757	.750	.560	.883	.000	.889	.968	.658	.810	.000	.819	.734	.863	.438	.000	.767	.945

Traffic Data Service

Campbell, CA

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File Name : 2AM FINAL
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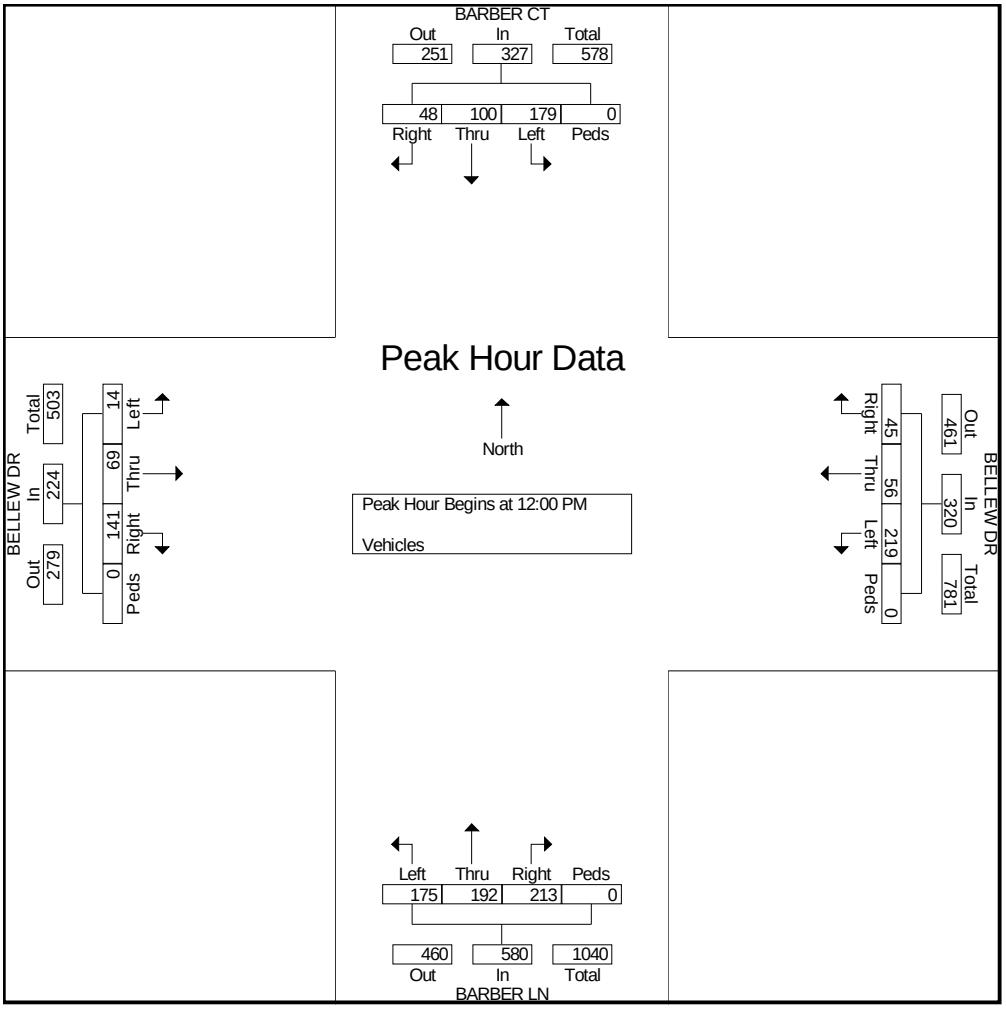

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File Name : 3AM FINAL
Site Code : 00000003
Start Date : 11/29/2007
Page No : 1

Groups Printed- Vehicles

	BARBER LN Southbound					Westbound					BARBER LN Northbound					ALDER DR Eastbound					
Start Time	Right	Thru	Left	Peds	App. Total	Right	Thru	Left	Peds	App. Total	Right	Thru	Left	Peds	App. Total	Right	Thru	Left	Peds	App. Total	Int. Total
Factor	1.0	1.0	1.0	1.0		1.0	1.0	1.0	1.0		1.0	1.0	1.0	1.0		1.0	1.0	1.0	1.0		
11:30 AM	28	20	0	0	48	0	0	0	0	0	0	70	24	0	94	13	0	66	0	79	221
11:45 AM	39	21	0	0	60	0	0	0	0	0	0	98	30	0	128	8	0	79	0	87	275
Total	67	41	0	0	108	0	0	0	0	0	0	168	54	0	222	21	0	145	0	166	496
12:00 PM	41	30	0	0	71	0	0	0	0	0	0	89	22	0	111	30	0	68	0	98	280
12:15 PM	40	38	0	0	78	0	0	0	0	0	0	52	17	0	69	13	0	62	0	75	222
12:30 PM	53	56	0	0	109	0	0	0	0	0	0	56	20	0	76	21	0	50	0	71	256
12:45 PM	87	64	0	0	151	0	0	0	0	0	0	41	11	0	52	28	0	47	0	75	278
Total	221	188	0	0	409	0	0	0	0	0	0	238	70	0	308	92	0	227	0	319	1036
01:00 PM	88	82	0	0	170	0	0	0	0	0	0	35	8	0	43	29	0	41	0	70	283
01:15 PM	80	85	0	0	165	0	0	0	0	0	0	25	10	0	35	21	0	37	0	58	258
Grand Total	456	396	0	0	852	0	0	0	0	0	0	466	142	0	608	163	0	450	0	613	2073
Apprch %	53.5	46.5	0	0		0	0	0	0		0	76.6	23.4	0		26.6	0	73.4	0		
Total %	22	19.1	0	0	41.1	0	0	0	0	0	0	22.5	6.8	0	29.3	7.9	0	21.7	0	29.6	

	BARBER LN Southbound					Westbound					BARBER LN Northbound					ALDER DR Eastbound					
Start Time	Right	Thru	Left	Peds	App. Total	Right	Thru	Left	Peds	App. Total	Right	Thru	Left	Peds	App. Total	Right	Thru	Left	Peds	App. Total	Int. Total
Peak Hour Analysis From 11:30 AM to 01:15 PM - Peak 1 of 1																					
Peak Hour for Entire Intersection Begins at 12:30 PM																					
12:30 PM	53	56	0	0	109	0	0	0	0	0	0	**56**	**20**	0	**76**	21	0	**50**	0	71	256
12:45 PM	87	64	0	0	151	0	0	0	0	0	0	41	11	0	52	28	0	47	0	**75**	278
01:00 PM	**88**	82	0	0	**170**	0	0	0	0	0	0	35	8	0	43	**29**	0	41	0	70	**283**
01:15 PM	80	**85**	0	0	165	0	0	0	0	0	0	25	10	0	35	21	0	37	0	58	258
Total Volume	308	287	0	0	595	0	0	0	0	0	0	157	49	0	206	99	0	175	0	274	1075
% App. Total	51.8	48.2	0	0		0	0	0	0		0	76.2	23.8	0		36.1	0	63.9	0		
PHF	.875	.844	.000	.000	.875	.000	.000	.000	.000	.000	.000	.701	.613	.000	.678	.853	.000	.875	.000	.913	.950

Traffic Data Service

Campbell, CA

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File Name : 3AM FINAL
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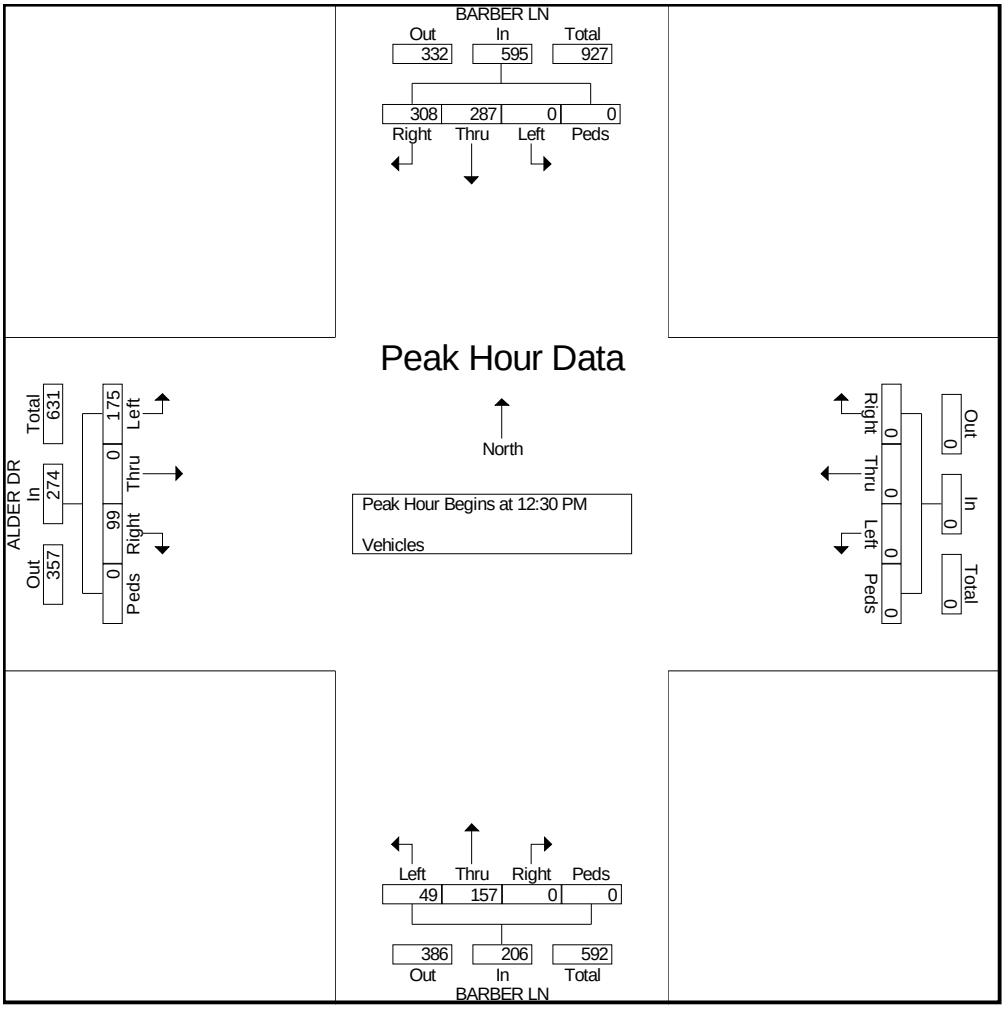

APPENDIX B:
INTERSECTION LEVEL OF SERVICE CALCULATIONS

Milpitas Near-Term Cumulative Analysis

Summary Scenario Comparison Report (With Average Critical Delay)
Future Volume Alternative

Intersection		Existing AM				Background AM				Project AM						???			
		LOS	Avg Del (sec)	Crit V/C	Avg Crit Del (sec)	LOS	Avg Del (sec)	Crit V/C	Avg Crit Del (sec)	LOS	Avg Del (sec)	Crit V/C	Crit V/C Change	Avg Crit Del (sec)	Avg Crit Del Change	LOS	Avg Del (sec)	Crit V/C	Avg Crit Del (sec)
#1	McCarthy Blvd. & SR 237 WB Ramps	B	16.4	0.670	18.8	B	17.9	0.831	26.3	B-	18.1	0.844	+ 0.013	26.6	+ 0.3	?	xx.x	x.xxx	xx.x
#2	McCarthy Blvd. & SR 237 EB Ramps	B	16.3	0.458	14.1	B	15.9	0.579	17.0	B	16.5	0.631	+ 0.052	18.0	+ 1.0	?	xx.x	x.xxx	xx.x
#3	SR 237 & I-880 SB Ramps	B+	11.3	0.669	11.6	B+	11.2	0.742	12.2	B	12.0	0.767	+ 0.025	13.3	+ 1.1	?	xx.x	x.xxx	xx.x
#4	Calaveras Blvd. & I-880 NB Ramps	C+	22.9	0.701	21.3	C+	22.6	0.768	22.1	C+	22.8	0.777	+ 0.009	22.3	+ 0.2	?	xx.x	x.xxx	xx.x
#5	Calaveras Blvd. / Abel St. [CMP]	E+	55.4	0.975	65.9	F	89.2	1.130	121.2	F	91.6	1.139	+ 0.009	125.1	+ 4.0	?	xx.x	x.xxx	xx.x
#6	Milpitas Blvd. / Calaveras Blvd. [CMP]	E	70.2	1.067	91.4	F	127.0	1.284	178.3	F	130.5	1.296	+ 0.013	183.6	+ 5.3	?	xx.x	x.xxx	xx.x
#7	McCarthy Blvd. & Bellew Dr.	C+	20.3	0.520	22.1	C	24.0	0.621	26.1	C	24.7	0.624	+0.003	28.1	+ 2.0	?	xx.x	x.xxx	xx.x
#8	Barber Ln & Bellew Dr	B+	11.8	0.078	16.2	B+	10.9	0.119	16.2	B	13.3	0.220	+0.101	16.7	+0.5	?	xx.x	x.xxx	xx.x
#9	McCarthy Blvd. & Alder Dr.	C+	20.5	0.171	27.2	B	17.2	0.686	14.3	B	17.2	0.687	+ 0.000	14.3	+ 0.0	?	xx.x	x.xxx	xx.x
#10	McCarthy Blvd. & Tasman Dr.	D-	51.3	0.911	56.0	F	108.0	1.154	136.2	F	109.0	1.157	+ 0.003	137.7	+ 1.5	?	xx.x	x.xxx	xx.x
#11	Tasman Dr. & Alder Dr.	B	14.5	0.464	12.6	C+	21.4	0.718	20.5	C+	22.0	0.726	+ 0.007	20.7	+ 0.2	?	xx.x	x.xxx	xx.x
#12	Barber Ln / Alder Dr	B	13.1	0.196	14.3	B	14.0	0.283	15.2	B	15.2	0.349	+ 0.066	15.6	+ 0.4	?	xx.x	x.xxx	xx.x
#13	Tasman Dr. & I-880 SB Ramps	C+	20.4	0.625	19.2	C+	23.0	0.808	21.5	C	23.3	0.817	+ 0.009	21.8	+ 0.3	?	xx.x	x.xxx	xx.x
#14	Great Mall Pkwy. & I-880 NB Ramps	C	23.0	0.616	22.4	E	61.0	1.012	67.2	F	87.6	1.023	+ 0.011	103.1	+ 36.0	?	xx.x	x.xxx	xx.x
#15	McCarthy Blvd / Barber Ln	B	15.3	0.282	16.5	B	16.2	0.351	17.7	B	17.8	0.381	+ 0.030	20.0	+ 2.4	?	xx.x	x.xxx	xx.x
#16	McCarthy Blvd. / Montague Expy. [CMP]	D	40.8	0.720	38.8	D-	53.4	0.989	59.1	E+	55.9	0.999	+ 0.011	62.9	+ 3.7	?	xx.x	x.xxx	xx.x
#17	Montague Expy. / Great Mall Pkwy./Capitol Ave. [CMP]	D	46.6	0.675	50.5	E-	79.8	1.122	129.1	F	80.7	1.126	+ 0.004	130.6	+ 1.5	?	xx.x	x.xxx	xx.x
#18	Trimble / Montague Expy [CMP]	C	27.2	0.382	13.2	C	26.2	0.295	26.2	C	26.2	0.298	+ 0.003	26.2	+ 0.0	?	xx.x	x.xxx	xx.x
#19	Montague Expy / River Oaks	C-	33.0	0.416	28.9	D	44.0	0.529	42.3	D	42.5	0.532	+ 0.003	42.2	- 0.1	?	xx.x	x.xxx	xx.x
#20	Zanker Rd / Montague Expy [CMP]	D	39.9	0.556	46.4	D	50.8	0.764	61.0	D	50.8	0.767	+ 0.003	61.0	+ 0.0	?	xx.x	x.xxx	xx.x
#21	N 1st St / Montague Expy [CMP]	D-	54.6	0.901	70.4	F	146.0	1.344	234.5	F	146.8	1.347	+ 0.003	236.0	+ 1.5	?	xx.x	x.xxx	xx.x
#22	Montague Expy / De la Cruz [CMP]	D	40.1	0.742	46.9	D	40.3	0.809	47.1	D	40.3	0.811	+ 0.002	47.2	+ 0.0	?	xx.x	x.xxx	xx.x
#23	Capitol/Cropley	D+	35.8	0.586	40.6	D+	36.4	0.614	41.8	D	39.4	0.668	+ 0.055	45.0	+ 3.2	?	xx.x	x.xxx	xx.x
#24	Great Mall Pkwy. & Main St.	C	27.9	0.410	22.1	C	31.8	0.552	27.0	C	31.7	0.554	+ 0.002	26.9	- 0.1	?	xx.x	x.xxx	xx.x
#25	Great Mall Pkwy. & Abel St.	D	40.6	0.722	41.8	D	41.2	0.819	43.2	D	41.2	0.822	+ 0.003	43.3	+ 0.1	?	xx.x	x.xxx	xx.x
#26	Zanker Rd / Tasman Dr	C-	33.5	0.654	38.5	D	39.5	0.837	47.8	D	39.5	0.840	+ 0.003	48.0	+ 0.2	?	xx.x	x.xxx	xx.x

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Milpitas Near-Term Cumulative Analysis

Summary Scenario Comparison Report (With Average Critical Delay)
Future Volume Alternative

Intersection		Existing AM				Background AM				Project AM						???			
		LOS	Avg Del (sec)	Crit V/C	Avg Crit Del (sec)	LOS	Avg Del (sec)	Crit V/C	Avg Crit Del (sec)	LOS	Avg Del (sec)	Crit V/C	Crit V/C Change	Avg Crit Del (sec)	Avg Crit Del Change	LOS	Avg Del (sec)	Crit V/C	Avg Crit Del (sec)
#27	N. 1st St / Tasman Dr	C	31.2	0.474	29.0	D	39.9	0.847	42.8	D	40.0	0.849	+ 0.002	43.0	+ 0.2	?	xx.x	x.xxx	xx.x
#101	Dixon Landing Rd. & McCarthy Blvd.	A	9.7	0.348	10.6	B+	10.0	0.415	11.6	A	10.0	0.416	+ 0.001	11.6	+ 0.0	?	xx.x	x.xxx	xx.x
#102	Dixon Landing Rd. & I-880 SB Ramps	A	9.5	0.218	7.5	A	9.9	0.285	8.2	A	9.8	0.285	+ 0.001	8.2	- 0.0	?	xx.x	x.xxx	xx.x
#103	Dixon Landing Rd. & I-880 NB Ramps	B	16.6	0.483	16.0	B	16.9	0.529	16.1	B	16.9	0.530	+ 0.001	16.1	+ 0.0	?	xx.x	x.xxx	xx.x
#104	California Circle & I-880 NB Ramps	B	12.2	0.275	12.7	B	12.6	0.287	13.3	B	12.6	0.287	+ 0.000	13.3	+ 0.0	?	xx.x	x.xxx	xx.x
#105	Dixon Landing Rd. & N. Milpitas Blvd.	D-	52.3	0.839	62.6	E	67.0	0.990	86.5	E	68.5	0.999	+ 0.009	88.9	+ 2.4	?	xx.x	x.xxx	xx.x
#106	Scott Creek Rd. & Warm Springs Blvd.	C	27.5	0.550	28.2	C	28.1	0.569	29.9	C	28.3	0.572	+ 0.003	30.1	+ 0.2	?	xx.x	x.xxx	xx.x
#107	Scott Creek Rd. & I-680 SB Ramps	C	0.6	0.000	0.6	C	0.6	0.000	0.6	C	0.6	0.000	+ 0.000	0.6	+ 0.0	?	xx.x	x.xxx	xx.x
#108	Scott Creek Rd. & I-680 NB Ramps	A	3.2	0.000	3.2	A	3.8	0.000	3.8	A	3.8	0.000	+ 0.000	3.8	+ 0.0	?	xx.x	x.xxx	xx.x
#109	McCarthy Blvd. & Ranch Dr. (N)	A	6.8	0.164	10.2	B+	11.6	0.442	12.2	B	13.2	0.445	+ 0.003	12.3	+ 0.0	?	xx.x	x.xxx	xx.x
#110	McCarthy Blvd. & Ranch Dr. (S)	B	12.8	0.206	9.3	B	14.6	0.455	14.3	B-	19.8	0.459	+ 0.004	23.6	+ 9.3	?	xx.x	x.xxx	xx.x

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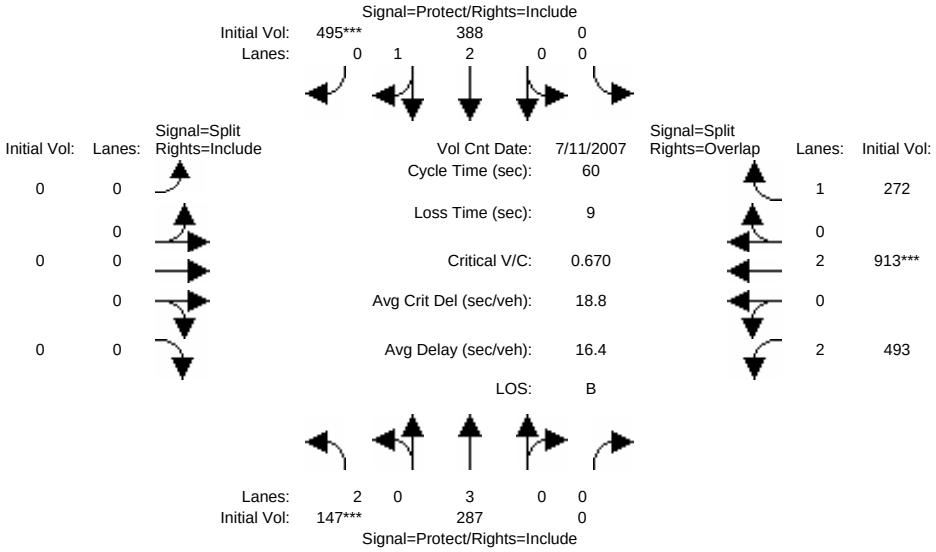
Level Of Service Computation Report
2000 HCM Operations (Future Volume Alternative)
Existing AM

Intersection #1: McCarthy Blvd. & SR 237 WB Ramps



Street Name:	McCarthy Blvd.						SR 237 WB Ramps					
Approach:	North Bound			South Bound			East Bound			West Bound		
Movement:	L - T - R			L - T - R			L - T - R			L - T - R		
Min. Green:	7	10	0	0	10	10	0	0	0	10	10	10
Volume Module: >> Count Date: 11 Jul 2007 << 7-9a												
Base Vol:	147	287	0	0	388	495	0	0	0	493	913	272
Growth Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Initial Bse:	147	287	0	0	388	495	0	0	0	493	913	272
Added Vol:	0	0	0	0	0	0	0	0	0	0	0	0
PasserByVol:	0	0	0	0	0	0	0	0	0	0	0	0
Initial Fut:	147	287	0	0	388	495	0	0	0	493	913	272
User Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
PHF Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
PHF Volume:	147	287	0	0	388	495	0	0	0	493	913	272
Reduct Vol:	0	0	0	0	0	0	0	0	0	0	0	0
Reduced Vol:	147	287	0	0	388	495	0	0	0	493	913	272
PCE Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
MLF Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
FinalVolume:	147	287	0	0	388	495	0	0	0	493	913	272
Saturation Flow Module:												
Sat/Lane:	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900
Adjustment:	0.83	1.00	0.92	0.92	1.00	0.92	0.92	1.00	0.92	0.83	1.00	0.92
Lanes:	2.00	3.00	0.00	0.00	2.00	1.00	0.00	0.00	0.00	2.00	2.00	1.00
Final Sat.:	3150	5700	0	0	3800	1750	0	0	0	3150	3800	1750
Capacity Analysis Module:												
Vol/Sat:	0.05	0.05	0.00	0.00	0.10	0.28	0.00	0.00	0.00	0.16	0.24	0.16
Crit Moves:	****					****					****	
Green Time:	7.0	30.8	0.0	0.0	23.8	23.8	0.0	0.0	0.0	20.2	20.2	20.2
Volume/Cap:	0.40	0.10	0.00	0.00	0.26	0.71	0.00	0.00	0.00	0.46	0.71	0.46
Delay/Veh:	25.3	7.5	0.0	0.0	12.2	17.2	0.0	0.0	0.0	16.0	19.3	16.2
User DelAdj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
AdjDel/Veh:	25.3	7.5	0.0	0.0	12.2	17.2	0.0	0.0	0.0	16.0	19.3	16.2
LOS by Move:	C	A	A	A	B	B	A	A	A	B	B-	B
HCM2k95thQ:	3	2	0	0	5	16	0	0	0	9	17	9

Note: Queue reported is the number of cars per lane.

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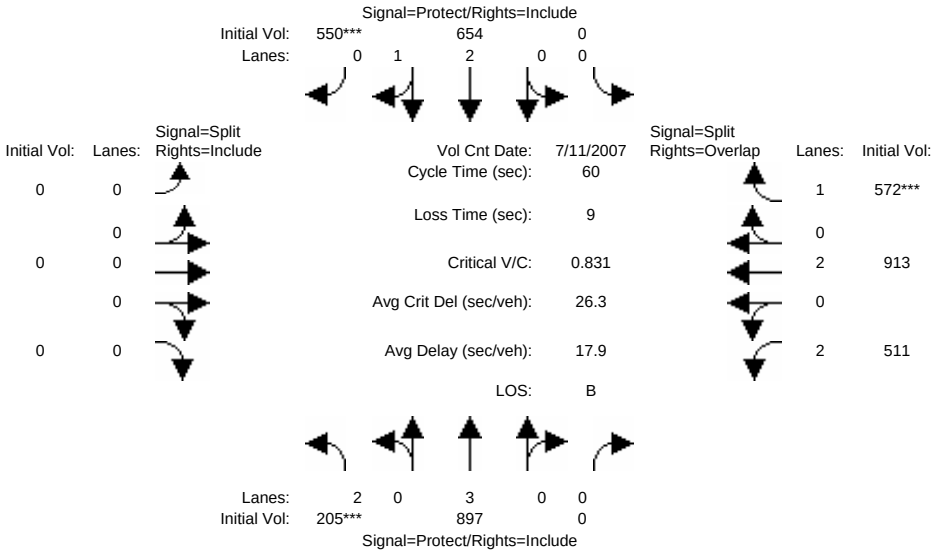
Milpitas Near-Term Cumulative Analysis

Level Of Service Computation Report
2000 HCM Operations (Future Volume Alternative)
Background AM

Intersection #1: McCarthy Blvd. & SR 237 WB Ramps



Street Name:	McCarthy Blvd.						SR 237 WB Ramps					
Approach:	North Bound			South Bound			East Bound			West Bound		
Movement:	L - T - R			L - T - R			L - T - R			L - T - R		
Min. Green:	7	10	0	0	10	10	0	0	0	10	10	10
Volume Module: >> Count Date: 11 Jul 2007 << 7-9a												
Base Vol:	147	287	0	0	388	495	0	0	0	493	913	272
Growth Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Initial Bse:	147	287	0	0	388	495	0	0	0	493	913	272
Added Vol:	0	0	0	0	0	0	0	0	0	0	0	0
ATI:	58	610	0	0	266	55	0	0	0	18	0	300
Initial Fut:	205	897	0	0	654	550	0	0	0	511	913	572
User Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
PHF Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
PHF Volume:	205	897	0	0	654	550	0	0	0	511	913	572
Reduct Vol:	0	0	0	0	0	0	0	0	0	0	0	0
Reduced Vol:	205	897	0	0	654	550	0	0	0	511	913	572
PCE Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
MLF Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
FinalVolume:	205	897	0	0	654	550	0	0	0	511	913	572
Saturation Flow Module:												
Sat/Lane:	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900
Adjustment:	0.83	1.00	0.92	0.92	1.00	0.92	0.92	1.00	0.92	0.83	1.00	0.92
Lanes:	2.00	3.00	0.00	0.00	2.00	1.00	0.00	0.00	0.00	2.00	2.00	1.00
Final Sat.:	3150	5700	0	0	3800	1750	0	0	0	3150	3800	1750
Capacity Analysis Module:												
Vol/Sat:	0.07	0.16	0.00	0.00	0.17	0.31	0.00	0.00	0.00	0.16	0.24	0.33
Crit Moves:	****					****						****
Green Time:	7.0	28.6	0.0	0.0	21.6	21.6	0.0	0.0	0.0	22.4	22.4	22.4
Volume/Cap:	0.56	0.33	0.00	0.00	0.48	0.87	0.00	0.00	0.00	0.43	0.64	0.87
Delay/Veh:	27.0	9.8	0.0	0.0	15.0	24.5	0.0	0.0	0.0	14.3	16.5	30.0
User DelAdj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
AdjDel/Veh:	27.0	9.8	0.0	0.0	15.0	24.5	0.0	0.0	0.0	14.3	16.5	30.0
LOS by Move:	C	A	A	A	B	C	A	A	A	B	B	C
HCM2k95thQ:	4	7	0	0	9	21	0	0	0	9	15	26

Note: Queue reported is the number of cars per lane.

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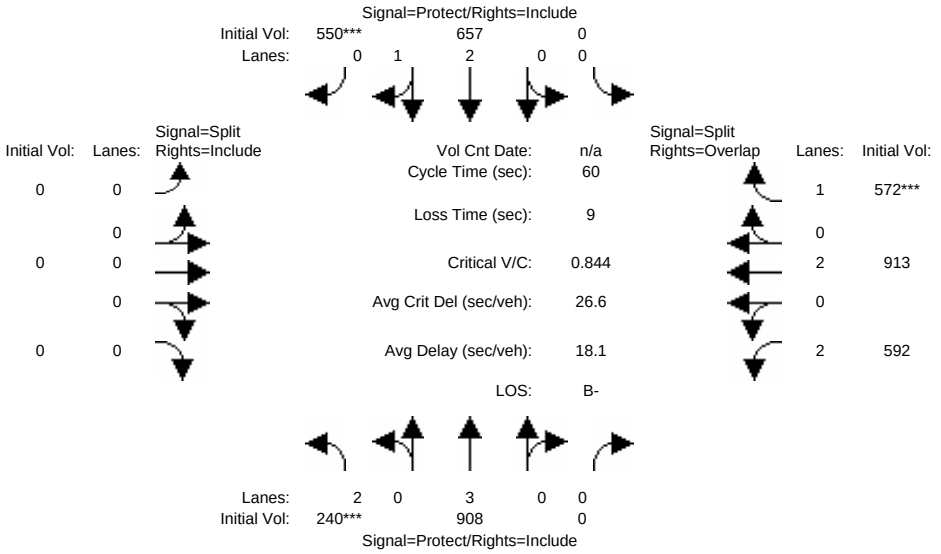
Milpitas Near-Term Cumulative Analysis

Level Of Service Computation Report
2000 HCM Operations (Future Volume Alternative)
Project AM

Intersection #1: McCarthy Blvd. & SR 237 WB Ramps



Street Name:	McCarthy Blvd.						SR 237 WB Ramps					
Approach:	North Bound			South Bound			East Bound			West Bound		
Movement:	L - T - R			L - T - R			L - T - R			L - T - R		
Min. Green:	7	10	0	0	10	10	0	0	0	10	10	10
Volume Module:												
Base Vol:	205	897	0	0	654	550	0	0	0	511	913	572
Growth Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Initial Bse:	205	897	0	0	654	550	0	0	0	511	913	572
Added Vol:	35	11	0	0	3	0	0	0	0	81	0	0
PasserByVol:	0	0	0	0	0	0	0	0	0	0	0	0
Initial Fut:	240	908	0	0	657	550	0	0	0	592	913	572
User Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
PHF Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
PHF Volume:	240	908	0	0	657	550	0	0	0	592	913	572
Reduct Vol:	0	0	0	0	0	0	0	0	0	0	0	0
Reduced Vol:	240	908	0	0	657	550	0	0	0	592	913	572
PCE Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
MLF Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
FinalVolume:	240	908	0	0	657	550	0	0	0	592	913	572
Saturation Flow Module:												
Sat/Lane:	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900
Adjustment:	0.83	1.00	0.92	0.92	1.00	0.92	0.92	1.00	0.92	0.83	1.00	0.92
Lanes:	2.00	3.00	0.00	0.00	2.00	1.00	0.00	0.00	0.00	2.00	2.00	1.00
Final Sat.:	3150	5700	0	0	3800	1750	0	0	0	3150	3800	1750
Capacity Analysis Module:												
Vol/Sat:	0.08	0.16	0.00	0.00	0.17	0.31	0.00	0.00	0.00	0.19	0.24	0.33
Crit Moves:	****					****						****
Green Time:	7.0	28.6	0.0	0.0	21.6	21.6	0.0	0.0	0.0	22.4	22.4	22.4
Volume/Cap:	0.65	0.33	0.00	0.00	0.48	0.87	0.00	0.00	0.00	0.50	0.64	0.87
Delay/Veh:	29.5	9.9	0.0	0.0	15.0	24.4	0.0	0.0	0.0	14.8	16.5	30.0
User DelAdj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
AdjDel/Veh:	29.5	9.9	0.0	0.0	15.0	24.4	0.0	0.0	0.0	14.8	16.5	30.0
LOS by Move:	C	A	A	A	B	C	A	A	A	B	B	C
HCM2k95thQ:	5	7	0	0	9	20	0	0	0	11	15	26

Note: Queue reported is the number of cars per lane.

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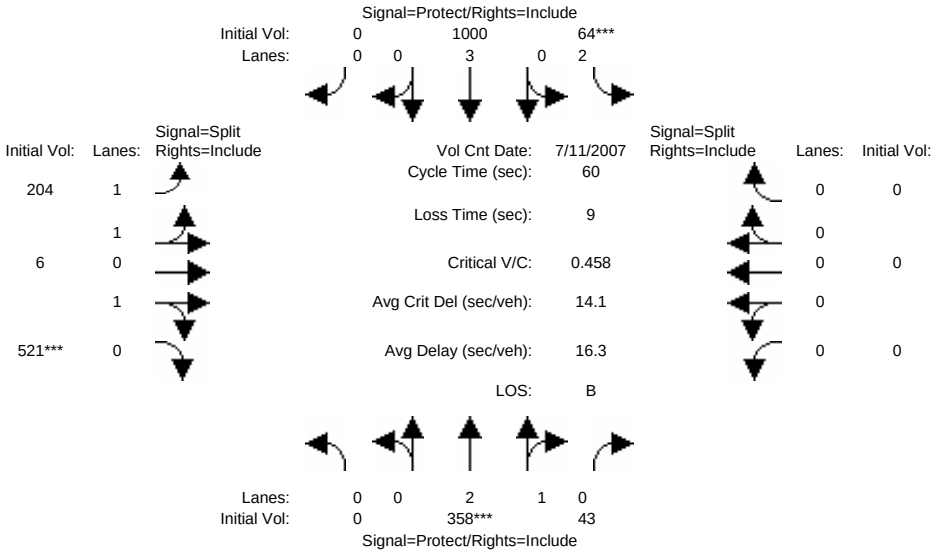
Milpitas Near-Term Cumulative Analysis

Level Of Service Computation Report
2000 HCM Operations (Future Volume Alternative)
Existing AM

Intersection #2: McCarthy Blvd. & SR 237 EB Ramps



Street Name:	McCarthy Blvd.						SR 237 EB Ramps					
Approach:	North Bound			South Bound			East Bound			West Bound		
Movement:	L - T - R			L - T - R			L - T - R			L - T - R		
Min. Green:	0	10	10	7	10	0	10	10	10	0	0	0
Volume Module: >> Count Date: 11 Jul 2007 <<												
Base Vol:	0	358	43	64	1000	0	204	6	521	0	0	0
Growth Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Initial Bse:	0	358	43	64	1000	0	204	6	521	0	0	0
Added Vol:	0	0	0	0	0	0	0	0	0	0	0	0
PasserByVol:	0	0	0	0	0	0	0	0	0	0	0	0
Initial Fut:	0	358	43	64	1000	0	204	6	521	0	0	0
User Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
PHF Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
PHF Volume:	0	358	43	64	1000	0	204	6	521	0	0	0
Reduct Vol:	0	0	0	0	0	0	0	0	0	0	0	0
Reduced Vol:	0	358	43	64	1000	0	204	6	521	0	0	0
PCE Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
MLF Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
FinalVolume:	0	358	43	64	1000	0	204	6	521	0	0	0
Saturation Flow Module:												
Sat/Lane:	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900
Adjustment:	0.92	0.99	0.95	0.83	1.00	0.92	0.92	1.00	0.92	0.92	1.00	0.92
Lanes:	0.00	2.67	0.33	2.00	3.00	0.00	1.95	0.05	1.00	0.00	0.00	0.00
Final Sat.:	0	4999	600	3150	5700	0	3408	100	1750	0	0	0
Capacity Analysis Module:												
Vol/Sat:	0.00	0.07	0.07	0.02	0.18	0.00	0.06	0.06	0.30	0.00	0.00	0.00
Crit Moves:		****		****					****			
Green Time:	0.0	10.0	10.0	7.0	17.0	0.0	34.0	34.0	34.0	0.0	0.0	0.0
Volume/Cap:	0.00	0.43	0.43	0.17	0.62	0.00	0.11	0.11	0.53	0.00	0.00	0.00
Delay/Veh:	0.0	22.8	22.8	24.1	19.4	0.0	6.0	6.0	8.4	0.0	0.0	0.0
User DelAdj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
AdjDel/Veh:	0.0	22.8	22.8	24.1	19.4	0.0	6.0	6.0	8.4	0.0	0.0	0.0
LOS by Move:	A	C+	C+	C	B-	A	A	A	A	A	A	A
HCM2k95thQ:	0	5	5	1	11	0	2	2	13	0	0	0

Note: Queue reported is the number of cars per lane.

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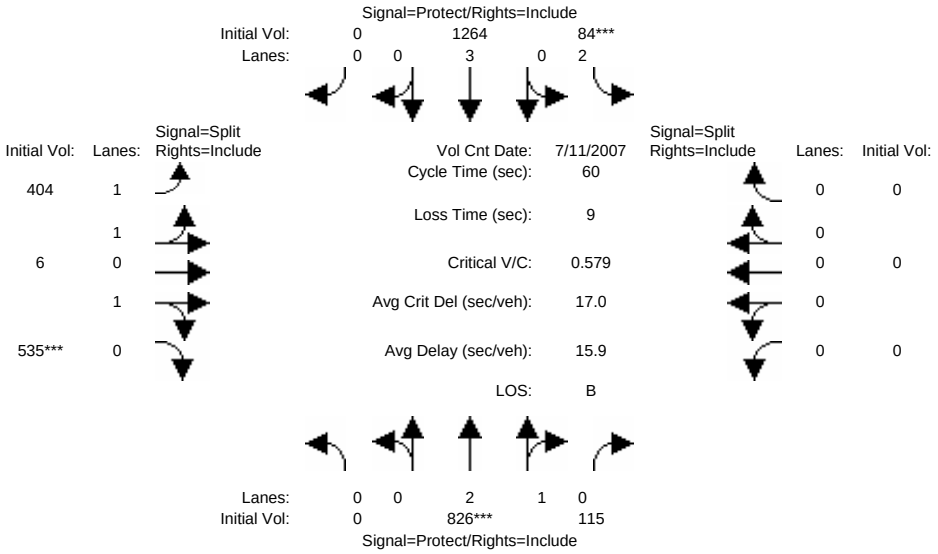
Milpitas Near-Term Cumulative Analysis

Level Of Service Computation Report
2000 HCM Operations (Future Volume Alternative)
Background AM

Intersection #2: McCarthy Blvd. & SR 237 EB Ramps



Street Name:	McCarthy Blvd.						SR 237 EB Ramps					
Approach:	North Bound			South Bound			East Bound			West Bound		
Movement:	L -	T -	R	L -	T -	R	L -	T -	R	L -	T -	R
Min. Green:	0	10	10	7	10	0	10	10	10	0	0	0
Volume Module: >> Count Date: 11 Jul 2007 <<												
Base Vol:	0	358	43	64	1000	0	204	6	521	0	0	0
Growth Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Initial Bse:	0	358	43	64	1000	0	204	6	521	0	0	0
Added Vol:	0	0	0	0	0	0	0	0	0	0	0	0
ATI:	0	468	72	20	264	0	200	0	14	0	0	0
Initial Fut:	0	826	115	84	1264	0	404	6	535	0	0	0
User Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
PHF Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
PHF Volume:	0	826	115	84	1264	0	404	6	535	0	0	0
Reduct Vol:	0	0	0	0	0	0	0	0	0	0	0	0
Reduced Vol:	0	826	115	84	1264	0	404	6	535	0	0	0
PCE Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
MLF Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
FinalVolume:	0	826	115	84	1264	0	404	6	535	0	0	0
Saturation Flow Module:												
Sat/Lane:	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900
Adjustment:	0.92	0.99	0.95	0.83	1.00	0.92	0.93	0.95	0.95	0.92	1.00	0.92
Lanes:	0.00	2.62	0.38	2.00	3.00	0.00	1.97	0.03	1.00	0.00	0.00	0.00
Final Sat.:	0	4915	684	3150	5700	0	3472	52	1800	0	0	0
Capacity Analysis Module:												
Vol/Sat:	0.00	0.17	0.17	0.03	0.22	0.00	0.12	0.12	0.30	0.00	0.00	0.00
Crit Moves:		****		****					****			
Green Time:	0.0	15.9	15.9	7.0	22.9	0.0	28.1	28.1	28.1	0.0	0.0	0.0
Volume/Cap:	0.00	0.63	0.63	0.23	0.58	0.00	0.25	0.25	0.63	0.00	0.00	0.00
Delay/Veh:	0.0	20.4	20.4	24.4	15.1	0.0	9.6	9.6	13.0	0.0	0.0	0.0
User DelAdj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
AdjDel/Veh:	0.0	20.4	20.4	24.4	15.1	0.0	9.6	9.6	13.0	0.0	0.0	0.0
LOS by Move:	A	C+	C+	C	B	A	A	A	B	A	A	A
HCM2k95thQ:	0	10	10	2	12	0	5	5	16	0	0	0

Note: Queue reported is the number of cars per lane.

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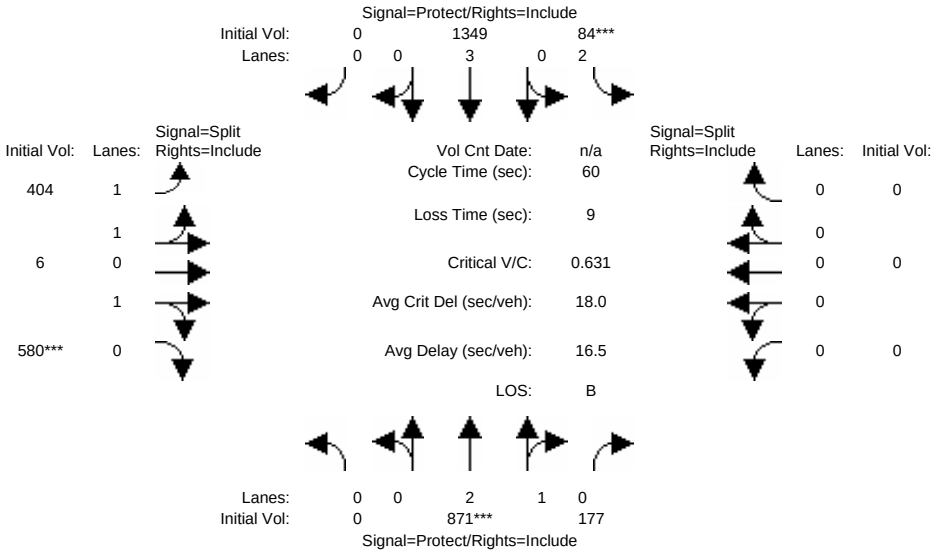
Milpitas Near-Term Cumulative Analysis

Level Of Service Computation Report
2000 HCM Operations (Future Volume Alternative)
Project AM

Intersection #2: McCarthy Blvd. & SR 237 EB Ramps



Street Name:	McCarthy Blvd.						SR 237 EB Ramps					
Approach:	North Bound			South Bound			East Bound			West Bound		
Movement:	L - T - R			L - T - R			L - T - R			L - T - R		
Min. Green:	0	10	10	7	10	0	10	10	10	0	0	0
Volume Module:												
Base Vol:	0	826	115	84	1264	0	404	6	535	0	0	0
Growth Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Initial Bse:	0	826	115	84	1264	0	404	6	535	0	0	0
Added Vol:	0	45	62	0	85	0	0	0	45	0	0	0
PasserByVol:	0	0	0	0	0	0	0	0	0	0	0	0
Initial Fut:	0	871	177	84	1349	0	404	6	580	0	0	0
User Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
PHF Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
PHF Volume:	0	871	177	84	1349	0	404	6	580	0	0	0
Reduct Vol:	0	0	0	0	0	0	0	0	0	0	0	0
Reduced Vol:	0	871	177	84	1349	0	404	6	580	0	0	0
PCE Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
MLF Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
FinalVolume:	0	871	177	84	1349	0	404	6	580	0	0	0
Saturation Flow Module:												
Sat/Lane:	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900
Adjustment:	0.92	0.99	0.95	0.83	1.00	0.92	0.93	0.95	0.95	0.92	1.00	0.92
Lanes:	0.00	2.47	0.53	2.00	3.00	0.00	1.97	0.03	1.00	0.00	0.00	0.00
Final Sat.:	0	4653	946	3150	5700	0	3468	52	1800	0	0	0
Capacity Analysis Module:												
Vol/Sat:	0.00	0.19	0.19	0.03	0.24	0.00	0.12	0.12	0.32	0.00	0.00	0.00
Crit Moves:		****		****					****			
Green Time:	0.0	16.2	16.2	7.0	23.2	0.0	27.8	27.8	27.8	0.0	0.0	0.0
Volume/Cap:	0.00	0.69	0.69	0.23	0.61	0.00	0.25	0.25	0.69	0.00	0.00	0.00
Delay/Veh:	0.0	21.1	21.1	24.4	15.3	0.0	9.8	9.8	14.2	0.0	0.0	0.0
User DelAdj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
AdjDel/Veh:	0.0	21.1	21.1	24.4	15.3	0.0	9.8	9.8	14.2	0.0	0.0	0.0
LOS by Move:	A	C+	C+	C	B	A	A	A	B	A	A	A
HCM2k95thQ:	0	11	11	2	13	0	5	5	19	0	0	0

Note: Queue reported is the number of cars per lane.

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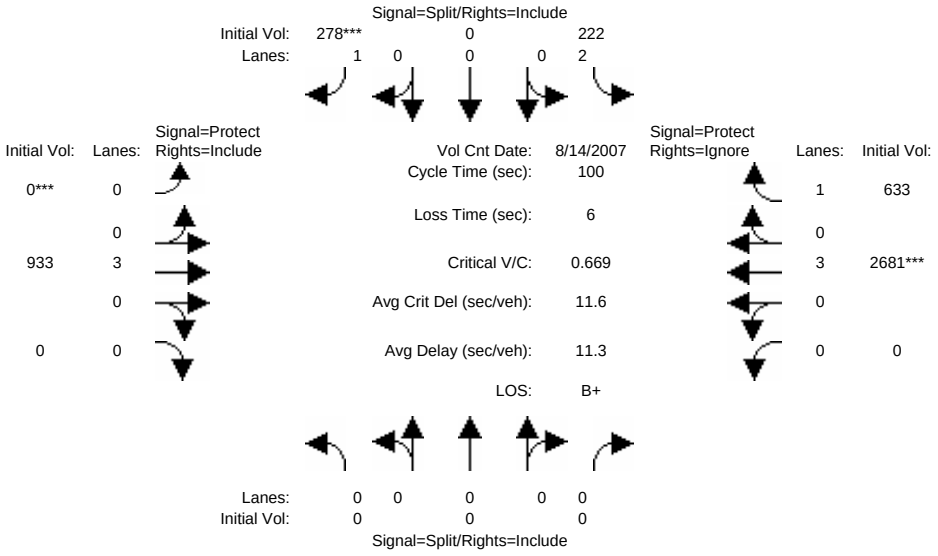
Milpitas Near-Term Cumulative Analysis

Level Of Service Computation Report
2000 HCM Operations (Future Volume Alternative)
Existing AM

Intersection #3: SR 237 & I-880 SB Ramps



Street Name: I-880 SB Ramps SR 237

Approach:	North Bound			South Bound			East Bound			West Bound		
Movement:	L	T	R	L	T	R	L	T	R	L	T	R
Min. Green:	0	0	0	10	0	10	0	10	0	0	10	0
Volume Module: >> Count Date: 14 Aug 2007 << 7:45Am-9:00												
Base Vol:	0	0	0	222	0	278	0	933	0	0	2681	633
Growth Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Initial Bse:	0	0	0	222	0	278	0	933	0	0	2681	633
Added Vol:	0	0	0	0	0	0	0	0	0	0	0	0
PasserByVol:	0	0	0	0	0	0	0	0	0	0	0	0
Initial Fut:	0	0	0	222	0	278	0	933	0	0	2681	633
User Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	0.00
PHF Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	0.00
PHF Volume:	0	0	0	222	0	278	0	933	0	0	2681	0
Reduct Vol:	0	0	0	0	0	0	0	0	0	0	0	0
Reduced Vol:	0	0	0	222	0	278	0	933	0	0	2681	0
PCE Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	0.00
MLF Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	0.00
FinalVolume:	0	0	0	222	0	278	0	933	0	0	2681	0
Saturation Flow Module:												
Sat/Lane:	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900
Adjustment:	0.92	1.00	0.92	0.83	1.00	0.92	0.92	1.00	0.92	0.92	1.00	0.92
Lanes:	0.00	0.00	0.00	2.00	0.00	1.00	0.00	3.00	0.00	0.00	3.00	1.00
Final Sat.:	0	0	0	3150	0	1750	0	5700	0	0	5700	1750
Capacity Analysis Module:												
Vol/Sat:	0.00	0.00	0.00	0.07	0.00	0.16	0.00	0.16	0.00	0.00	0.47	0.00
Crit Moves:						****	****				****	
Green Time:	0.0	0.0	0.0	23.7	0.0	23.7	0.0	70.3	0.0	0.0	70.3	0.0
Volume/Cap:	0.00	0.00	0.00	0.30	0.00	0.67	0.00	0.23	0.00	0.00	0.67	0.00
Delay/Veh:	0.0	0.0	0.0	31.5	0.0	38.8	0.0	5.3	0.0	0.0	8.8	0.0
User DelAdj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
AdjDel/Veh:	0.0	0.0	0.0	31.5	0.0	38.8	0.0	5.3	0.0	0.0	8.8	0.0
LOS by Move:	A	A	A	C	A	D+	A	A	A	A	A	A
HCM2k95thQ:	0	0	0	7	0	18	0	7	0	0	26	0

Note: Queue reported is the number of cars per lane.

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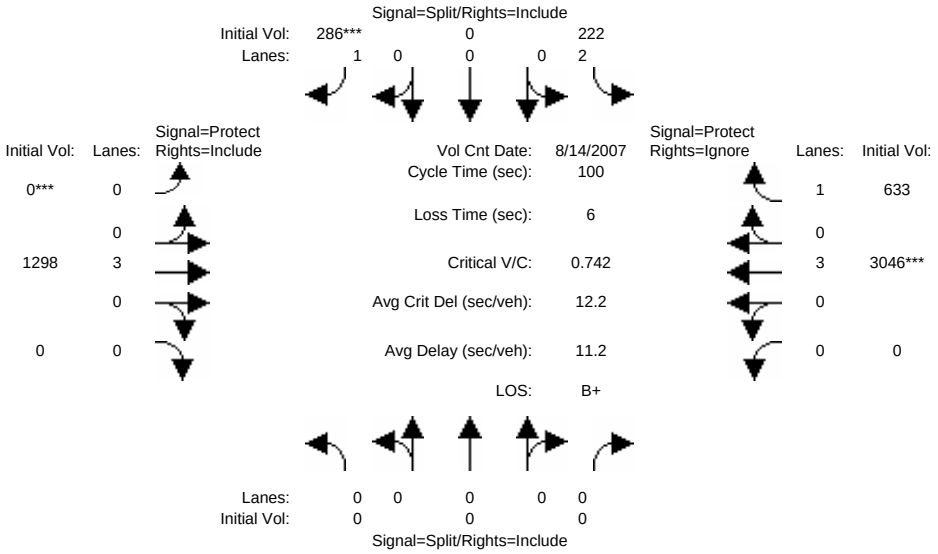
Milpitas Near-Term Cumulative Analysis

Level Of Service Computation Report
2000 HCM Operations (Future Volume Alternative)
Background AM

Intersection #3: SR 237 & I-880 SB Ramps



Street Name:	I-880 SB Ramps						SR 237					
Approach:	North Bound			South Bound			East Bound			West Bound		
Movement:	L	T	R	L	T	R	L	T	R	L	T	R
Min. Green:	0	0	0	10	0	10	0	10	0	0	10	0
Volume Module: >> Count Date: 14 Aug 2007 << 7:45Am-9:00												
Base Vol:	0	0	0	222	0	278	0	933	0	0	2681	633
Growth Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Initial Bse:	0	0	0	222	0	278	0	933	0	0	2681	633
Added Vol:	0	0	0	0	0	0	0	0	0	0	0	0
ATI:	0	0	0	0	0	8	0	365	0	0	365	0
Initial Fut:	0	0	0	222	0	286	0	1298	0	0	3046	633
User Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	0.00
PHF Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	0.00
PHF Volume:	0	0	0	222	0	286	0	1298	0	0	3046	0
Reduct Vol:	0	0	0	0	0	0	0	0	0	0	0	0
Reduced Vol:	0	0	0	222	0	286	0	1298	0	0	3046	0
PCE Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	0.00
MLF Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	0.00
FinalVolume:	0	0	0	222	0	286	0	1298	0	0	3046	0
Saturation Flow Module:												
Sat/Lane:	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900
Adjustment:	0.92	1.00	0.92	0.83	1.00	0.92	0.92	1.00	0.92	0.92	1.00	0.92
Lanes:	0.00	0.00	0.00	2.00	0.00	1.00	0.00	3.00	0.00	0.00	3.00	1.00
Final Sat.:	0	0	0	3150	0	1750	0	5700	0	0	5700	1750
Capacity Analysis Module:												
Vol/Sat:	0.00	0.00	0.00	0.07	0.00	0.16	0.00	0.23	0.00	0.00	0.53	0.00
Crit Moves:						****	****				****	
Green Time:	0.0	0.0	0.0	22.0	0.0	22.0	0.0	72.0	0.0	0.0	72.0	0.0
Volume/Cap:	0.00	0.00	0.00	0.32	0.00	0.74	0.00	0.32	0.00	0.00	0.74	0.00
Delay/Veh:	0.0	0.0	0.0	33.0	0.0	43.9	0.0	5.1	0.0	0.0	9.2	0.0
User DelAdj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
AdjDel/Veh:	0.0	0.0	0.0	33.0	0.0	43.9	0.0	5.1	0.0	0.0	9.2	0.0
LOS by Move:	A	A	A	C-	A	D	A	A	A	A	A	A
HCM2k95thQ:	0	0	0	7	0	19	0	9	0	0	31	0

Note: Queue reported is the number of cars per lane.

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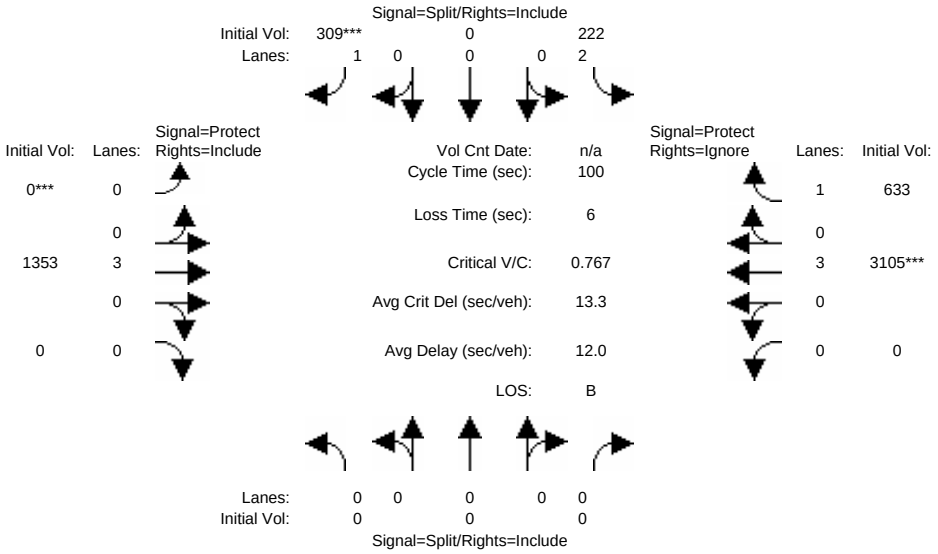
Milpitas Near-Term Cumulative Analysis

Level Of Service Computation Report
2000 HCM Operations (Future Volume Alternative)
Project AM

Intersection #3: SR 237 & I-880 SB Ramps



Street Name:	I-880 SB Ramps						SR 237					
Approach:	North Bound			South Bound			East Bound			West Bound		
Movement:	L	T	R	L	T	R	L	T	R	L	T	R
Min. Green:	0	0	0	10	0	10	0	10	0	0	10	0
Volume Module:												
Base Vol:	0	0	0	222	0	286	0	1298	0	0	3046	633
Growth Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Initial Bse:	0	0	0	222	0	286	0	1298	0	0	3046	633
Added Vol:	0	0	0	0	0	23	0	55	0	0	59	0
PasserByVol:	0	0	0	0	0	0	0	0	0	0	0	0
Initial Fut:	0	0	0	222	0	309	0	1353	0	0	3105	633
User Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	0.00
PHF Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	0.00
PHF Volume:	0	0	0	222	0	309	0	1353	0	0	3105	0
Reduct Vol:	0	0	0	0	0	0	0	0	0	0	0	0
Reduced Vol:	0	0	0	222	0	309	0	1353	0	0	3105	0
PCE Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	0.00
MLF Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	0.00
FinalVolume:	0	0	0	222	0	309	0	1353	0	0	3105	0
Saturation Flow Module:												
Sat/Lane:	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900
Adjustment:	0.92	1.00	0.92	0.83	1.00	0.92	0.92	1.00	0.92	0.92	1.00	0.92
Lanes:	0.00	0.00	0.00	2.00	0.00	1.00	0.00	3.00	0.00	0.00	3.00	1.00
Final Sat.:	0	0	0	3150	0	1750	0	5700	0	0	5700	1750
Capacity Analysis Module:												
Vol/Sat:	0.00	0.00	0.00	0.07	0.00	0.18	0.00	0.24	0.00	0.00	0.54	0.00
Crit Moves:						****	****				****	
Green Time:	0.0	0.0	0.0	23.0	0.0	23.0	0.0	71.0	0.0	0.0	71.0	0.0
Volume/Cap:	0.00	0.00	0.00	0.31	0.00	0.77	0.00	0.33	0.00	0.00	0.77	0.00
Delay/Veh:	0.0	0.0	0.0	32.1	0.0	44.6	0.0	5.6	0.0	0.0	10.2	0.0
User DelAdj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
AdjDel/Veh:	0.0	0.0	0.0	32.1	0.0	44.6	0.0	5.6	0.0	0.0	10.2	0.0
LOS by Move:	A	A	A	C-	A	D	A	A	A	A	B+	A
HCM2k95thQ:	0	0	0	7	0	21	0	10	0	0	33	0

Note: Queue reported is the number of cars per lane.

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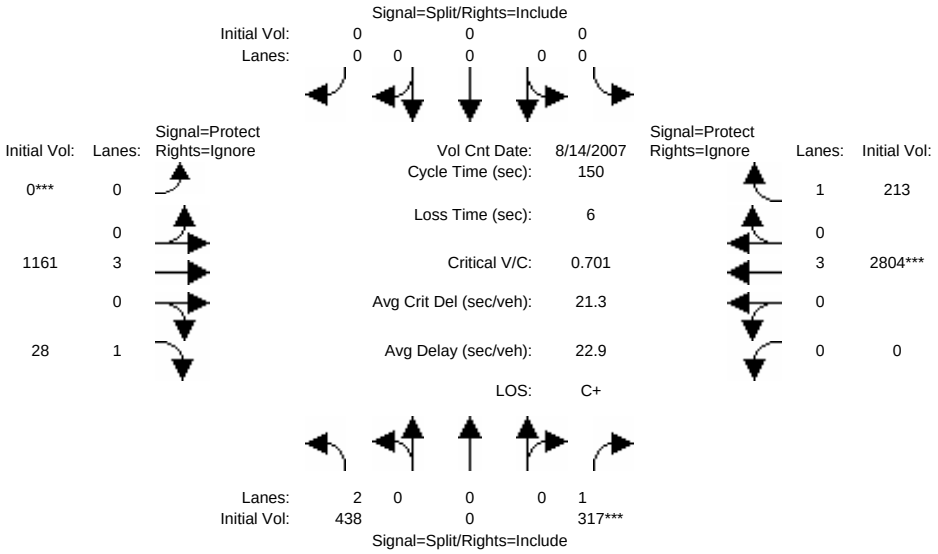
Milpitas Near-Term Cumulative Analysis

Level Of Service Computation Report
2000 HCM Operations (Future Volume Alternative)
Existing AM

Intersection #4: Calaveras Blvd. & I-880 NB Ramps



Street Name:	I-880 NB Ramps						Calaveras Blvd.					
Approach:	North Bound			South Bound			East Bound			West Bound		
Movement:	L -	T -	R	L -	T -	R	L -	T -	R	L -	T -	R
Min. Green:	7	10	10	7	10	10	7	10	10	7	10	10
Volume Module: >> Count Date: 14 Aug 2007 << 7:45AM-8:45AM												
Base Vol:	438	0	317	0	0	0	0	1161	28	0	2804	213
Growth Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Initial Bse:	438	0	317	0	0	0	0	1161	28	0	2804	213
Added Vol:	0	0	0	0	0	0	0	0	0	0	0	0
PasserByVol:	0	0	0	0	0	0	0	0	0	0	0	0
Initial Fut:	438	0	317	0	0	0	0	1161	28	0	2804	213
User Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	0.00	1.00	1.00	0.00
PHF Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	0.00	1.00	1.00	0.00
PHF Volume:	438	0	317	0	0	0	0	1161	0	0	2804	0
Reduct Vol:	0	0	0	0	0	0	0	0	0	0	0	0
Reduced Vol:	438	0	317	0	0	0	0	1161	0	0	2804	0
PCE Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	0.00	1.00	1.00	0.00
MLF Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	0.00	1.00	1.00	0.00
FinalVolume:	438	0	317	0	0	0	0	1161	0	0	2804	0
Saturation Flow Module:												
Sat/Lane:	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900
Adjustment:	0.83	1.00	0.92	0.92	1.00	0.92	0.92	1.00	0.92	0.92	1.00	0.92
Lanes:	2.00	0.00	1.00	0.00	0.00	0.00	0.00	3.00	1.00	0.00	3.00	1.00
Final Sat.:	3150	0	1750	0	0	0	0	5700	1750	0	5700	1750
Capacity Analysis Module:												
Vol/Sat:	0.14	0.00	0.18	0.00	0.00	0.00	0.00	0.20	0.00	0.00	0.49	0.00
Crit Moves:			****				****				****	
Green Time:	36.9	0.0	36.9	0.0	0.0	0.0	0.0	87.2	0.0	0.0	100	0.0
Volume/Cap:	0.57	0.00	0.74	0.00	0.00	0.00	0.00	0.35	0.00	0.00	0.74	0.00
Delay/Veh:	50.5	0.0	58.7	0.0	0.0	0.0	0.0	16.6	0.0	0.0	17.1	0.0
User DelAdj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
AdjDel/Veh:	50.5	0.0	58.7	0.0	0.0	0.0	0.0	16.6	0.0	0.0	17.1	0.0
LOS by Move:	D	A	E+	A	A	A	A	B	A	A	B	A
HCM2k95thQ:	20	0	27	0	0	0	0	17	0	0	46	0

Note: Queue reported is the number of cars per lane.

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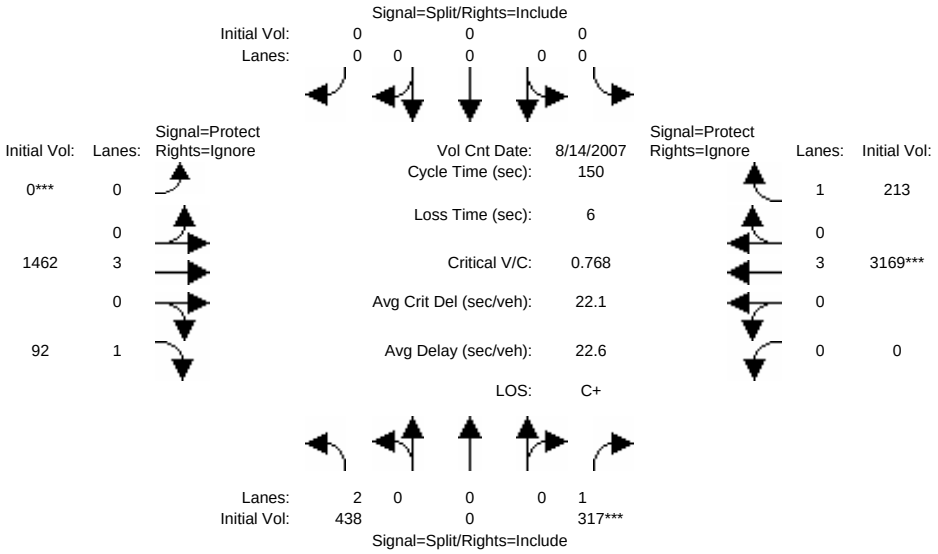
Milpitas Near-Term Cumulative Analysis

Level Of Service Computation Report
2000 HCM Operations (Future Volume Alternative)
Background AM

Intersection #4: Calaveras Blvd. & I-880 NB Ramps



Street Name:	I-880 NB Ramps						Calaveras Blvd.					
Approach:	North Bound			South Bound			East Bound			West Bound		
Movement:	L - T - R			L - T - R			L - T - R			L - T - R		
Min. Green:	7	10	10	7	10	10	7	10	10	7	10	10
Volume Module: >> Count Date: 14 Aug 2007 << 7:45AM-8:45AM												
Base Vol:	438	0	317	0	0	0	0	1161	28	0	2804	213
Growth Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Initial Bse:	438	0	317	0	0	0	0	1161	28	0	2804	213
Added Vol:	0	0	0	0	0	0	0	0	0	0	0	0
ATI:	0	0	0	0	0	0	0	301	64	0	365	0
Initial Fut:	438	0	317	0	0	0	0	1462	92	0	3169	213
User Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	0.00	1.00	1.00	0.00
PHF Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	0.00	1.00	1.00	0.00
PHF Volume:	438	0	317	0	0	0	0	1462	0	0	3169	0
Reduct Vol:	0	0	0	0	0	0	0	0	0	0	0	0
Reduced Vol:	438	0	317	0	0	0	0	1462	0	0	3169	0
PCE Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	0.00	1.00	1.00	0.00
MLF Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	0.00	1.00	1.00	0.00
FinalVolume:	438	0	317	0	0	0	0	1462	0	0	3169	0
Saturation Flow Module:												
Sat/Lane:	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900
Adjustment:	0.83	1.00	0.92	0.92	1.00	0.92	0.92	1.00	0.92	0.92	1.00	0.92
Lanes:	2.00	0.00	1.00	0.00	0.00	0.00	0.00	3.00	1.00	0.00	3.00	1.00
Final Sat.:	3150	0	1750	0	0	0	0	5700	1750	0	5700	1750
Capacity Analysis Module:												
Vol/Sat:	0.14	0.00	0.18	0.00	0.00	0.00	0.00	0.26	0.00	0.00	0.56	0.00
Crit Moves:			****				****				****	
Green Time:	33.7	0.0	33.7	0.0	0.0	0.0	0.0	93.3	0.0	0.0	103	0.0
Volume/Cap:	0.62	0.00	0.81	0.00	0.00	0.00	0.00	0.41	0.00	0.00	0.81	0.00
Delay/Veh:	54.1	0.0	66.8	0.0	0.0	0.0	0.0	14.5	0.0	0.0	17.7	0.0
User DelAdj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
AdjDel/Veh:	54.1	0.0	66.8	0.0	0.0	0.0	0.0	14.5	0.0	0.0	17.7	0.0
LOS by Move:	D-	A	E	A	A	A	A	B	A	A	B	A
HCM2k95thQ:	21	0	29	0	0	0	0	20	0	0	55	0

Note: Queue reported is the number of cars per lane.

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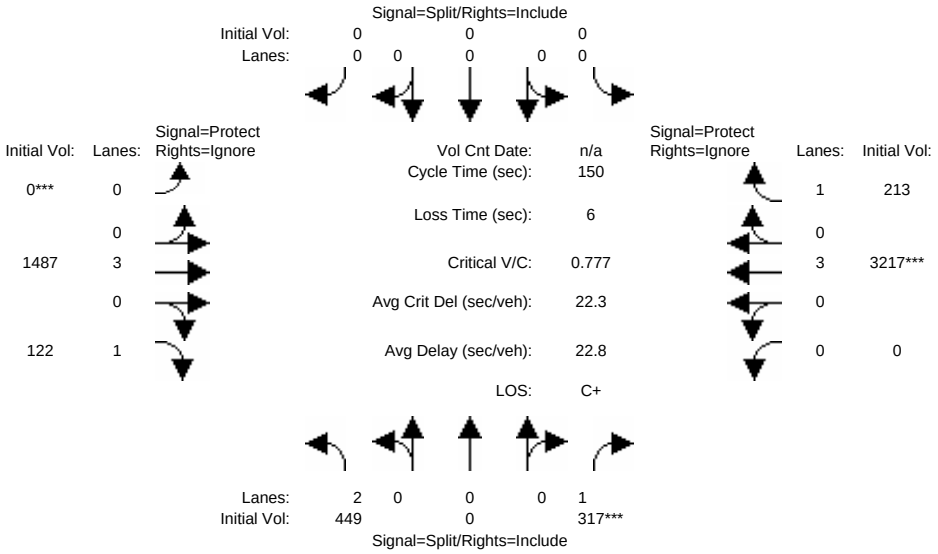
Milpitas Near-Term Cumulative Analysis

Level Of Service Computation Report
2000 HCM Operations (Future Volume Alternative)
Project AM

Intersection #4: Calaveras Blvd. & I-880 NB Ramps



Street Name:	I-880 NB Ramps						Calaveras Blvd.					
Approach:	North Bound			South Bound			East Bound			West Bound		
Movement:	L - T - R			L - T - R			L - T - R			L - T - R		
Min. Green:	7	10	10	7	10	10	7	10	10	7	10	10
Volume Module:												
Base Vol:	438	0	317	0	0	0	0	1462	92	0	3169	213
Growth Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Initial Bse:	438	0	317	0	0	0	0	1462	92	0	3169	213
Added Vol:	11	0	0	0	0	0	0	25	30	0	48	0
PasserByVol:	0	0	0	0	0	0	0	0	0	0	0	0
Initial Fut:	449	0	317	0	0	0	0	1487	122	0	3217	213
User Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	0.00	1.00	1.00	0.00
PHF Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	0.00	1.00	1.00	0.00
PHF Volume:	449	0	317	0	0	0	0	1487	0	0	3217	0
Reduct Vol:	0	0	0	0	0	0	0	0	0	0	0	0
Reduced Vol:	449	0	317	0	0	0	0	1487	0	0	3217	0
PCE Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	0.00	1.00	1.00	0.00
MLF Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	0.00	1.00	1.00	0.00
FinalVolume:	449	0	317	0	0	0	0	1487	0	0	3217	0
Saturation Flow Module:												
Sat/Lane:	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900
Adjustment:	0.83	1.00	0.92	0.92	1.00	0.92	0.92	1.00	0.92	0.92	1.00	0.92
Lanes:	2.00	0.00	1.00	0.00	0.00	0.00	0.00	3.00	1.00	0.00	3.00	1.00
Final Sat.:	3150	0	1750	0	0	0	0	5700	1750	0	5700	1750
Capacity Analysis Module:												
Vol/Sat:	0.14	0.00	0.18	0.00	0.00	0.00	0.00	0.26	0.00	0.00	0.56	0.00
Crit Moves:			****				****				****	
Green Time:	33.3	0.0	33.3	0.0	0.0	0.0	0.0	93.9	0.0	0.0	104	0.0
Volume/Cap:	0.64	0.00	0.82	0.00	0.00	0.00	0.00	0.42	0.00	0.00	0.82	0.00
Delay/Veh:	55.0	0.0	68.1	0.0	0.0	0.0	0.0	14.3	0.0	0.0	17.8	0.0
User DelAdj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
AdjDel/Veh:	55.0	0.0	68.1	0.0	0.0	0.0	0.0	14.3	0.0	0.0	17.8	0.0
LOS by Move:	D-		A	E	A	A	A	A	B	A	A	B	A
HCM2k95thQ:	22	0	29	0	0	0	0	20	0	0	57	0

Note: Queue reported is the number of cars per lane.

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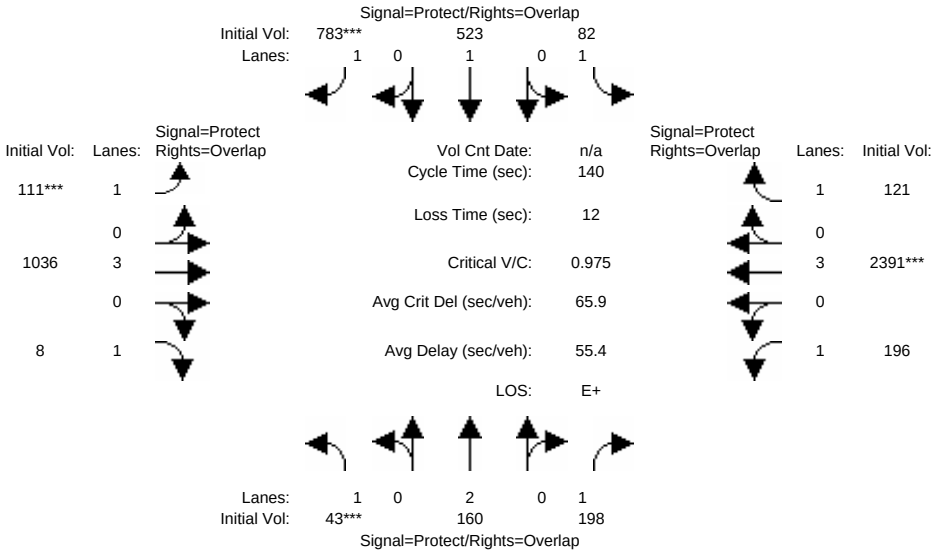
Milpitas Near-Term Cumulative Analysis

Level Of Service Computation Report
2000 HCM Operations (Future Volume Alternative)
Existing AM

Intersection #5: Calaveras Blvd. / Abel St. [CMP]



Street Name:	Abel St.						Calaveras Blvd.					
Approach:	North Bound			South Bound			East Bound			West Bound		
Movement:	L - T - R			L - T - R			L - T - R			L - T - R		
Min. Green:	7	10	10	7	10	10	7	10	10	7	10	10
Volume Module:												
Base Vol:	43	160	198	82	523	783	111	1036	8	196	2391	121
Growth Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Initial Bse:	43	160	198	82	523	783	111	1036	8	196	2391	121
Added Vol:	0	0	0	0	0	0	0	0	0	0	0	0
PasserByVol:	0	0	0	0	0	0	0	0	0	0	0	0
Initial Fut:	43	160	198	82	523	783	111	1036	8	196	2391	121
User Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
PHF Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
PHF Volume:	43	160	198	82	523	783	111	1036	8	196	2391	121
Reduct Vol:	0	0	0	0	0	0	0	0	0	0	0	0
Reduced Vol:	43	160	198	82	523	783	111	1036	8	196	2391	121
PCE Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
MLF Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
FinalVolume:	43	160	198	82	523	783	111	1036	8	196	2391	121
Saturation Flow Module:												
Sat/Lane:	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900
Adjustment:	0.92	1.00	0.92	0.92	1.00	0.92	0.92	1.00	0.92	0.92	1.00	0.92
Lanes:	1.00	2.00	1.00	1.00	1.00	1.00	1.00	3.00	1.00	1.00	3.00	1.00
Final Sat.:	1750	3800	1750	1750	1900	1750	1750	5700	1750	1750	5700	1750
Capacity Analysis Module:												
Vol/Sat:	0.02	0.04	0.11	0.05	0.28	0.45	0.06	0.18	0.00	0.11	0.42	0.07
Crit Moves:	****					****	****				****	
Green Time:	7.0	35.6	61.3	25.0	53.6	62.5	8.9	41.7	48.7	25.7	58.5	83.5
Volume/Cap:	0.49	0.17	0.26	0.26	0.72	1.00	1.00	0.61	0.01	0.61	1.00	0.12
Delay/Veh:	69.1	40.7	25.1	50.0	40.3	71.7	151.9	42.8	29.9	56.0	59.9	12.3
User DelAdj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
AdjDel/Veh:	69.1	40.7	25.1	50.0	40.3	71.7	151.9	42.8	29.9	56.0	59.9	12.3
LOS by Move:	E	D	C	D	D	E	F	D	C	E+	E+	B
HCM2k95thQ:	5	5	11	7	33	68	13	22	0	15	54	5

Note: Queue reported is the number of cars per lane.

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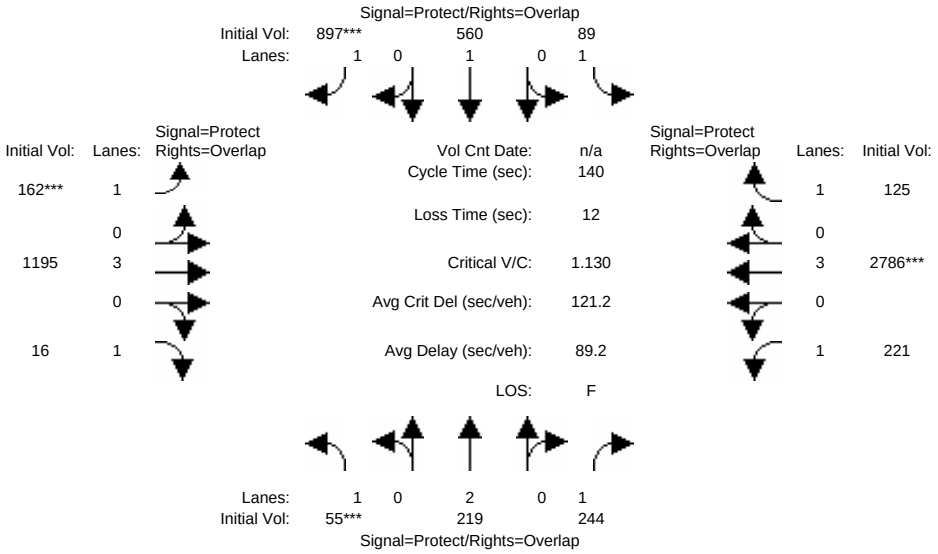
Milpitas Near-Term Cumulative Analysis

Level Of Service Computation Report
2000 HCM Operations (Future Volume Alternative)
Background AM

Intersection #5: Calaveras Blvd. / Abel St. [CMP]



Street Name:	Abel St.						Calaveras Blvd.					
Approach:	North Bound			South Bound			East Bound			West Bound		
Movement:	L - T - R			L - T - R			L - T - R			L - T - R		
Min. Green:	7	10	10	7	10	10	7	10	10	7	10	10
Volume Module:												
Base Vol:	43	160	198	82	523	783	111	1036	8	196	2391	121
Growth Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Initial Bse:	43	160	198	82	523	783	111	1036	8	196	2391	121
Added Vol:	0	0	0	0	0	0	0	0	0	0	0	0
ATI:	12	59	46	7	37	114	51	159	8	25	395	4
Initial Fut:	55	219	244	89	560	897	162	1195	16	221	2786	125
User Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
PHF Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
PHF Volume:	55	219	244	89	560	897	162	1195	16	221	2786	125
Reduct Vol:	0	0	0	0	0	0	0	0	0	0	0	0
Reduced Vol:	55	219	244	89	560	897	162	1195	16	221	2786	125
PCE Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
MLF Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
FinalVolume:	55	219	244	89	560	897	162	1195	16	221	2786	125
Saturation Flow Module:												
Sat/Lane:	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900
Adjustment:	0.92	1.00	0.92	0.92	1.00	0.92	0.92	1.00	0.92	0.92	1.00	0.92
Lanes:	1.00	2.00	1.00	1.00	1.00	1.00	1.00	3.00	1.00	1.00	3.00	1.00
Final Sat.:	1750	3800	1750	1750	1900	1750	1750	5700	1750	1750	5700	1750
Capacity Analysis Module:												
Vol/Sat:	0.03	0.06	0.14	0.05	0.29	0.51	0.09	0.21	0.01	0.13	0.49	0.07
Crit Moves:	****					****	****				****	
Green Time:	7.0	33.7	60.1	24.0	50.8	61.9	11.2	43.8	50.8	26.4	59.1	83.1
Volume/Cap:	0.63	0.24	0.32	0.30	0.81	1.16	1.16	0.67	0.03	0.67	1.16	0.12
Delay/Veh:	78.9	42.9	26.7	51.2	47.7	124.6	189.4	42.8	28.7	58.0	117	12.5
User DelAdj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
AdjDel/Veh:	78.9	42.9	26.7	51.2	47.7	124.6	189.4	42.8	28.7	58.0	117	12.5
LOS by Move:	E-	D	C	D-	D	F	F	D	C	E+	F	B
HCM2k95thQ:	7	7	14	7	39	91	21	26	1	16	80	5

Note: Queue reported is the number of cars per lane.

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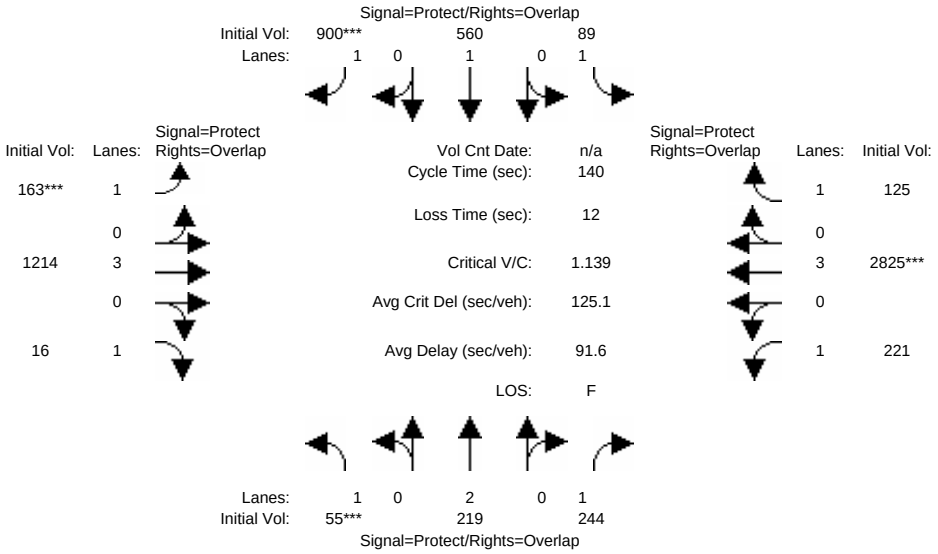
Milpitas Near-Term Cumulative Analysis

Level Of Service Computation Report
2000 HCM Operations (Future Volume Alternative)
Project AM

Intersection #5: Calaveras Blvd. / Abel St. [CMP]



Street Name:	Abel St.						Calaveras Blvd.					
Approach:	North Bound			South Bound			East Bound			West Bound		
Movement:	L - T - R			L - T - R			L - T - R			L - T - R		
Min. Green:	7	10	10	7	10	10	7	10	10	7	10	10
Volume Module:												
Base Vol:	55	219	244	89	560	897	162	1195	16	221	2786	125
Growth Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Initial Bse:	55	219	244	89	560	897	162	1195	16	221	2786	125
Added Vol:	0	0	0	0	0	3	1	19	0	0	39	0
PasserByVol:	0	0	0	0	0	0	0	0	0	0	0	0
Initial Fut:	55	219	244	89	560	900	163	1214	16	221	2825	125
User Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
PHF Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
PHF Volume:	55	219	244	89	560	900	163	1214	16	221	2825	125
Reduct Vol:	0	0	0	0	0	0	0	0	0	0	0	0
Reduced Vol:	55	219	244	89	560	900	163	1214	16	221	2825	125
PCE Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
MLF Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
FinalVolume:	55	219	244	89	560	900	163	1214	16	221	2825	125
Saturation Flow Module:												
Sat/Lane:	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900
Adjustment:	0.92	1.00	0.92	0.92	1.00	0.92	0.92	1.00	0.92	0.92	1.00	0.92
Lanes:	1.00	2.00	1.00	1.00	1.00	1.00	1.00	3.00	1.00	1.00	3.00	1.00
Final Sat.:	1750	3800	1750	1750	1900	1750	1750	5700	1750	1750	5700	1750
Capacity Analysis Module:												
Vol/Sat:	0.03	0.06	0.14	0.05	0.29	0.51	0.09	0.21	0.01	0.13	0.50	0.07
Crit Moves:	****					****	****				****	
Green Time:	7.0	33.6	59.8	23.9	50.5	61.6	11.2	44.3	51.3	26.3	59.4	83.3
Volume/Cap:	0.63	0.24	0.33	0.30	0.82	1.17	1.17	0.67	0.02	0.67	1.17	0.12
Delay/Veh:	78.9	43.1	26.9	51.3	48.2	128.7	193.0	42.6	28.4	58.3	121	12.4
User DelAdj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
AdjDel/Veh:	78.9	43.1	26.9	51.3	48.2	128.7	193.0	42.6	28.4	58.3	121	12.4
LOS by Move:	E-	D	C	D-	D	F	F	D	C	E+	F	B
HCM2k95thQ:	7	7	14	7	39	93	21	26	1	16	83	5

Note: Queue reported is the number of cars per lane.

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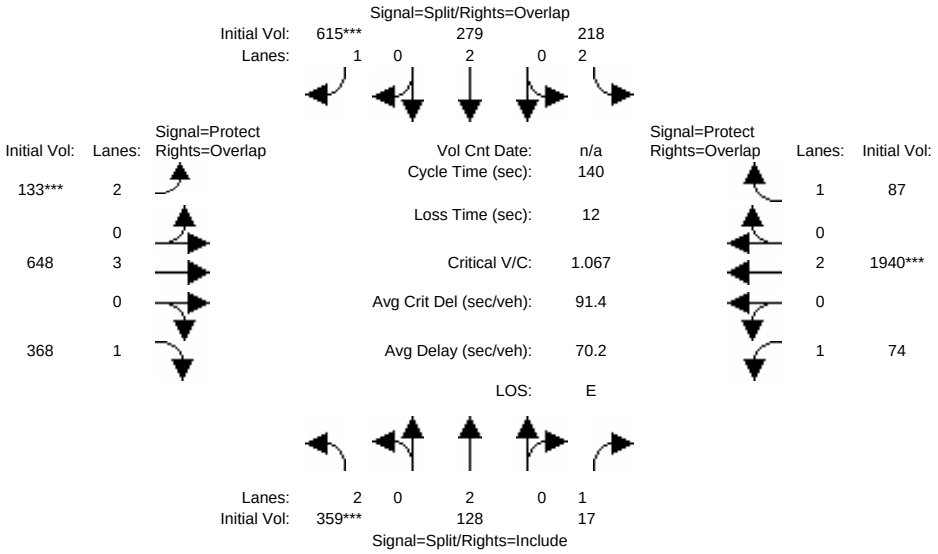
Milpitas Near-Term Cumulative Analysis

Level Of Service Computation Report
2000 HCM Operations (Future Volume Alternative)
Existing AM

Intersection #6: Milpitas Blvd. / Calaveras Blvd. [CMP]



Street Name:	Milpitas Blvd.						Calaveras Blvd.					
Approach:	North Bound			South Bound			East Bound			West Bound		
Movement:	L - T - R			L - T - R			L - T - R			L - T - R		
Min. Green:	10	10	10	10	10	10	7	10	10	7	10	10
Volume Module:												
Base Vol:	359	128	17	218	279	615	133	648	368	74	1940	87
Growth Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Initial Bse:	359	128	17	218	279	615	133	648	368	74	1940	87
Added Vol:	0	0	0	0	0	0	0	0	0	0	0	0
PasserByVol:	0	0	0	0	0	0	0	0	0	0	0	0
Initial Fut:	359	128	17	218	279	615	133	648	368	74	1940	87
User Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
PHF Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
PHF Volume:	359	128	17	218	279	615	133	648	368	74	1940	87
Reduct Vol:	0	0	0	0	0	0	0	0	0	0	0	0
Reduced Vol:	359	128	17	218	279	615	133	648	368	74	1940	87
PCE Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
MLF Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
FinalVolume:	359	128	17	218	279	615	133	648	368	74	1940	87
Saturation Flow Module:												
Sat/Lane:	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900
Adjustment:	0.83	1.00	0.92	0.83	1.00	0.92	0.83	1.00	0.92	0.92	1.00	0.92
Lanes:	2.00	2.00	1.00	2.00	2.00	1.00	2.00	3.00	1.00	1.00	2.00	1.00
Final Sat.:	3150	3800	1750	3150	3800	1750	3150	5700	1750	1750	3800	1750
Capacity Analysis Module:												
Vol/Sat:	0.11	0.03	0.01	0.07	0.07	0.35	0.04	0.11	0.21	0.04	0.51	0.05
Crit Moves:	****					****	****				****	
Green Time:	14.9	14.9	14.9	39.4	39.4	46.4	7.0	51.2	66.1	22.5	66.7	106.1
Volume/Cap:	1.07	0.32	0.09	0.25	0.26	1.06	0.84	0.31	0.45	0.26	1.07	0.07
Delay/Veh:	132.0	59.9	57.4	39.5	39.6	101.3	105.6	32.2	26.4	53.7	79.8	4.4
User DelAdj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
AdjDel/Veh:	132.0	59.9	57.4	39.5	39.6	101.3	105.6	32.2	26.4	53.7	79.8	4.4
LOS by Move:	F	E+	E+	D	D	F	F	C-	C	D-	E-	A
HCM2k95thQ:	24	6	2	9	9	61	8	12	19	6	89	3

Note: Queue reported is the number of cars per lane.

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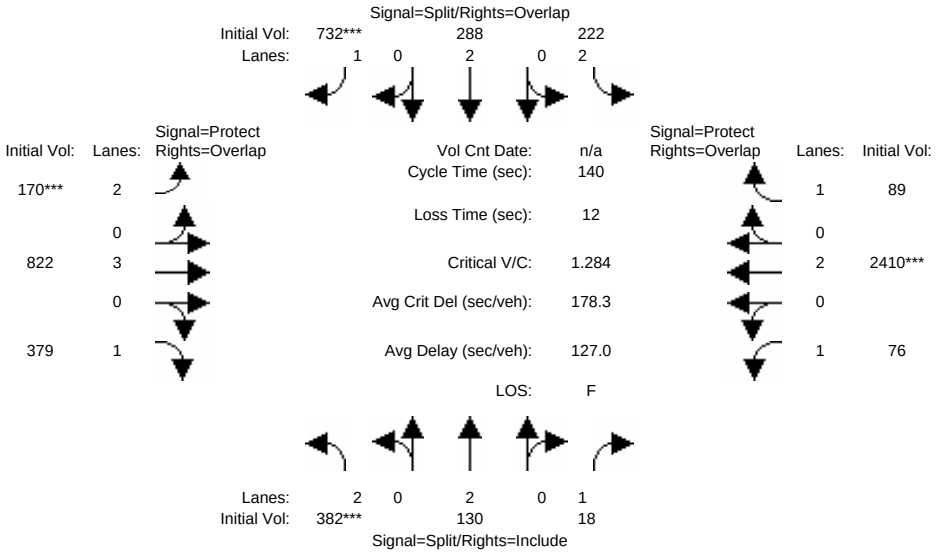
Milpitas Near-Term Cumulative Analysis

Level Of Service Computation Report
2000 HCM Operations (Future Volume Alternative)
Background AM

Intersection #6: Milpitas Blvd. / Calaveras Blvd. [CMP]



Street Name:	Milpitas Blvd.						Calaveras Blvd.					
Approach:	North Bound			South Bound			East Bound			West Bound		
Movement:	L - T - R			L - T - R			L - T - R			L - T - R		
Min. Green:	10	10	10	10	10	10	7	10	10	7	10	10
Volume Module:												
Base Vol:	359	128	17	218	279	615	133	648	368	74	1940	87
Growth Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Initial Bse:	359	128	17	218	279	615	133	648	368	74	1940	87
Added Vol:	0	0	0	0	0	0	0	0	0	0	0	0
ATI:	23	2	1	4	9	117	37	174	11	2	470	2
Initial Fut:	382	130	18	222	288	732	170	822	379	76	2410	89
User Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
PHF Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
PHF Volume:	382	130	18	222	288	732	170	822	379	76	2410	89
Reduct Vol:	0	0	0	0	0	0	0	0	0	0	0	0
Reduced Vol:	382	130	18	222	288	732	170	822	379	76	2410	89
PCE Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
MLF Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
FinalVolume:	382	130	18	222	288	732	170	822	379	76	2410	89
Saturation Flow Module:												
Sat/Lane:	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900
Adjustment:	0.83	1.00	0.92	0.83	1.00	0.92	0.83	1.00	0.92	0.92	1.00	0.92
Lanes:	2.00	2.00	1.00	2.00	2.00	1.00	2.00	3.00	1.00	1.00	2.00	1.00
Final Sat.:	3150	3800	1750	3150	3800	1750	3150	5700	1750	1750	3800	1750
Capacity Analysis Module:												
Vol/Sat:	0.12	0.03	0.01	0.07	0.08	0.42	0.05	0.14	0.22	0.04	0.63	0.05
Crit Moves:	****					****	****				****	
Green Time:	13.1	13.1	13.1	39.4	39.4	46.4	7.0	56.1	69.2	19.4	68.5	107.9
Volume/Cap:	1.30	0.37	0.11	0.25	0.27	1.26	1.08	0.36	0.44	0.31	1.30	0.07
Delay/Veh:	219.3	62.4	59.5	39.6	39.8	178.6	161.0	29.8	24.5	57.6	173	4.0
User DelAdj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
AdjDel/Veh:	219.3	62.4	59.5	39.6	39.8	178.6	161.0	29.8	24.5	57.6	173	4.0
LOS by Move:	F	E	E+	D	D	F	F	C	C	E+	F	A
HCM2k95thQ:	30	6	2	9	9	90	12	14	19	7	139	3

Note: Queue reported is the number of cars per lane.

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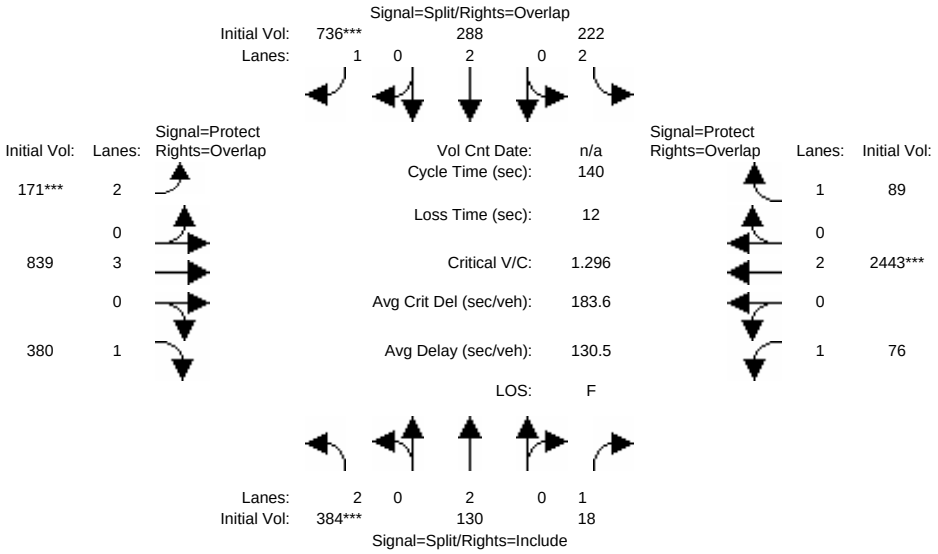
Milpitas Near-Term Cumulative Analysis

Level Of Service Computation Report
2000 HCM Operations (Future Volume Alternative)
Project AM

Intersection #6: Milpitas Blvd. / Calaveras Blvd. [CMP]



Street Name:	Milpitas Blvd.						Calaveras Blvd.					
Approach:	North Bound			South Bound			East Bound			West Bound		
Movement:	L - T - R			L - T - R			L - T - R			L - T - R		
Min. Green:	10	10	10	10	10	10	7	10	10	7	10	10
Volume Module:												
Base Vol:	382	130	18	222	288	732	170	822	379	76	2410	89
Growth Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Initial Bse:	382	130	18	222	288	732	170	822	379	76	2410	89
Added Vol:	2	0	0	0	0	4	1	17	1	0	33	0
PasserByVol:	0	0	0	0	0	0	0	0	0	0	0	0
Initial Fut:	384	130	18	222	288	736	171	839	380	76	2443	89
User Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
PHF Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
PHF Volume:	384	130	18	222	288	736	171	839	380	76	2443	89
Reduct Vol:	0	0	0	0	0	0	0	0	0	0	0	0
Reduced Vol:	384	130	18	222	288	736	171	839	380	76	2443	89
PCE Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
MLF Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
FinalVolume:	384	130	18	222	288	736	171	839	380	76	2443	89
Saturation Flow Module:												
Sat/Lane:	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900
Adjustment:	0.83	1.00	0.92	0.83	1.00	0.92	0.83	1.00	0.92	0.92	1.00	0.92
Lanes:	2.00	2.00	1.00	2.00	2.00	1.00	2.00	3.00	1.00	1.00	2.00	1.00
Final Sat.:	3150	3800	1750	3150	3800	1750	3150	5700	1750	1750	3800	1750
Capacity Analysis Module:												
Vol/Sat:	0.12	0.03	0.01	0.07	0.08	0.42	0.05	0.15	0.22	0.04	0.64	0.05
Crit Moves:	****					****	****				****	
Green Time:	13.0	13.0	13.0	39.2	39.2	46.2	7.0	56.6	69.6	19.2	68.8	108.0
Volume/Cap:	1.31	0.37	0.11	0.25	0.27	1.27	1.09	0.36	0.44	0.32	1.31	0.07
Delay/Veh:	224.8	62.5	59.5	39.7	39.9	183.7	163.0	29.6	24.2	57.9	178	4.0
User DelAdj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
AdjDel/Veh:	224.8	62.5	59.5	39.7	39.9	183.7	163.0	29.6	24.2	57.9	178	4.0
LOS by Move:	F	E	E+	D	D	F	F	C	C	E+	F	A
HCM2k95thQ:	31	6	2	9	9	91	12	15	19	7	142	3

Note: Queue reported is the number of cars per lane.

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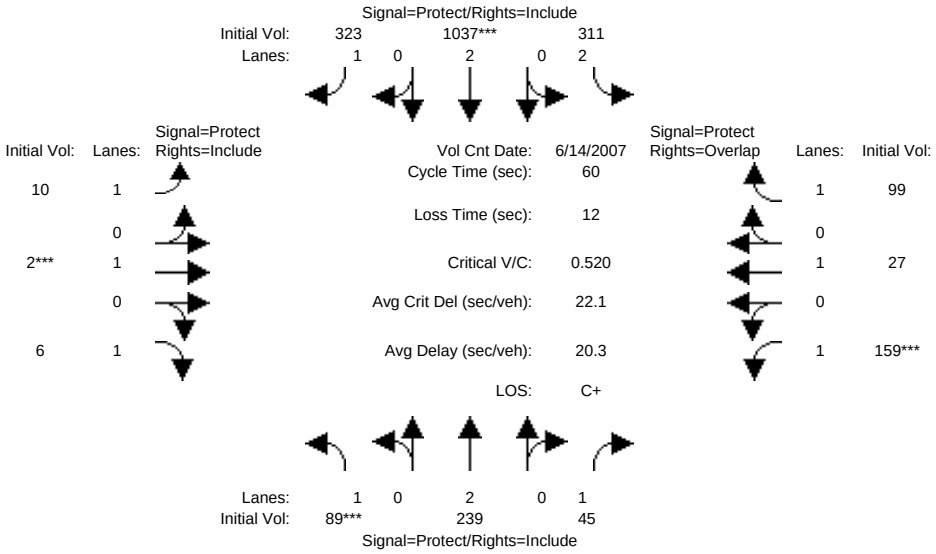
Milpitas Near-Term Cumulative Analysis

Level Of Service Computation Report
2000 HCM Operations (Future Volume Alternative)
Existing AM

Intersection #7: McCarthy Blvd. & Bellew Dr.



Street Name:	McCarthy Blvd.						Bellew Dr.					
Approach:	North Bound			South Bound			East Bound			West Bound		
Movement:	L - T - R			L - T - R			L - T - R			L - T - R		
Min. Green:	7	10	10	7	10	10	7	10	10	7	10	10
Volume Module: >> Count Date: 14 Jun 2007 <<												
Base Vol:	89	239	45	311	1037	323	10	2	6	159	27	99
Growth Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Initial Bse:	89	239	45	311	1037	323	10	2	6	159	27	99
Added Vol:	0	0	0	0	0	0	0	0	0	0	0	0
PasserByVol:	0	0	0	0	0	0	0	0	0	0	0	0
Initial Fut:	89	239	45	311	1037	323	10	2	6	159	27	99
User Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
PHF Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
PHF Volume:	89	239	45	311	1037	323	10	2	6	159	27	99
Reduct Vol:	0	0	0	0	0	0	0	0	0	0	0	0
Reduced Vol:	89	239	45	311	1037	323	10	2	6	159	27	99
PCE Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
MLF Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
FinalVolume:	89	239	45	311	1037	323	10	2	6	159	27	99
Saturation Flow Module:												
Sat/Lane:	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900
Adjustment:	0.92	1.00	0.92	0.83	1.00	0.92	0.92	1.00	0.92	0.92	1.00	0.92
Lanes:	1.00	2.00	1.00	2.00	2.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Final Sat.:	1750	3800	1750	3150	3800	1750	1750	1900	1750	1750	1900	1750
Capacity Analysis Module:												
Vol/Sat:	0.05	0.06	0.03	0.10	0.27	0.18	0.01	0.00	0.00	0.09	0.01	0.06
Crit Moves:	****				****			****		****		
Green Time:	7.0	17.8	17.8	12.5	23.3	23.3	7.3	10.0	10.0	7.7	10.4	22.9
Volume/Cap:	0.44	0.21	0.09	0.48	0.70	0.48	0.05	0.01	0.02	0.70	0.08	0.15
Delay/Veh:	31.3	16.3	15.6	23.4	18.3	16.2	23.7	20.9	21.0	41.9	21.2	12.6
User DelAdj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
AdjDel/Veh:	31.3	16.3	15.6	23.4	18.3	16.2	23.7	20.9	21.0	41.9	21.2	12.6
LOS by Move:	C	B	B	C	B-	B	C	C+	C+	D	C+	B
HCM2k95thQ:	5	4	2	7	15	10	1	0	0	7	1	3

Note: Queue reported is the number of cars per lane.

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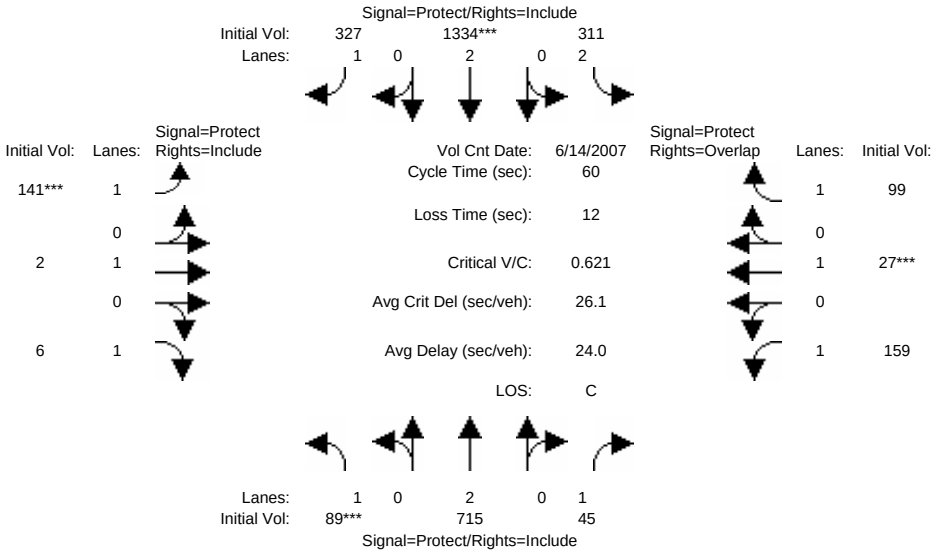
Milpitas Near-Term Cumulative Analysis

Level Of Service Computation Report
2000 HCM Operations (Future Volume Alternative)
Background AM

Intersection #7: McCarthy Blvd. & Bellew Dr.



Street Name:	McCarthy Blvd.						Bellew Dr.					
Approach:	North Bound			South Bound			East Bound			West Bound		
Movement:	L -	T -	R	L -	T -	R	L -	T -	R	L -	T -	R
Min. Green:	7	10	10	7	10	10	7	10	10	7	10	10
Volume Module: >> Count Date: 14 Jun 2007 <<												
Base Vol:	89	239	45	311	1037	323	10	2	6	159	27	99
Growth Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Initial Bse:	89	239	45	311	1037	323	10	2	6	159	27	99
Added Vol:	0	0	0	0	0	0	0	0	0	0	0	0
ATI:	0	476	0	0	297	4	131	0	0	0	0	0
Initial Fut:	89	715	45	311	1334	327	141	2	6	159	27	99
User Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
PHF Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
PHF Volume:	89	715	45	311	1334	327	141	2	6	159	27	99
Reduct Vol:	0	0	0	0	0	0	0	0	0	0	0	0
Reduced Vol:	89	715	45	311	1334	327	141	2	6	159	27	99
PCE Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
MLF Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
FinalVolume:	89	715	45	311	1334	327	141	2	6	159	27	99
Saturation Flow Module:												
Sat/Lane:	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900
Adjustment:	0.92	1.00	0.92	0.83	1.00	0.92	0.92	1.00	0.92	0.92	1.00	0.92
Lanes:	1.00	2.00	1.00	2.00	2.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Final Sat.:	1750	3800	1750	3150	3800	1750	1750	1900	1750	1750	1900	1750
Capacity Analysis Module:												
Vol/Sat:	0.05	0.19	0.03	0.10	0.35	0.19	0.08	0.00	0.00	0.09	0.01	0.06
Crit Moves:	****				****		****				****	
Green Time:	7.0	19.1	19.1	11.9	24.0	24.0	7.0	10.0	10.0	7.0	10.0	21.9
Volume/Cap:	0.44	0.59	0.08	0.50	0.88	0.47	0.69	0.01	0.02	0.78	0.09	0.16
Delay/Veh:	31.3	19.3	14.6	24.3	24.1	15.5	42.9	20.9	21.0	50.6	21.7	13.4
User DelAdj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
AdjDel/Veh:	31.3	19.3	14.6	24.3	24.1	15.5	42.9	20.9	21.0	50.6	21.7	13.4
LOS by Move:	C	B-	B	C	C	B	D	C+	C+	D	C+	B
HCM2k95thQ:	5	12	2	7	22	10	9	0	0	8	1	3

Note: Queue reported is the number of cars per lane.

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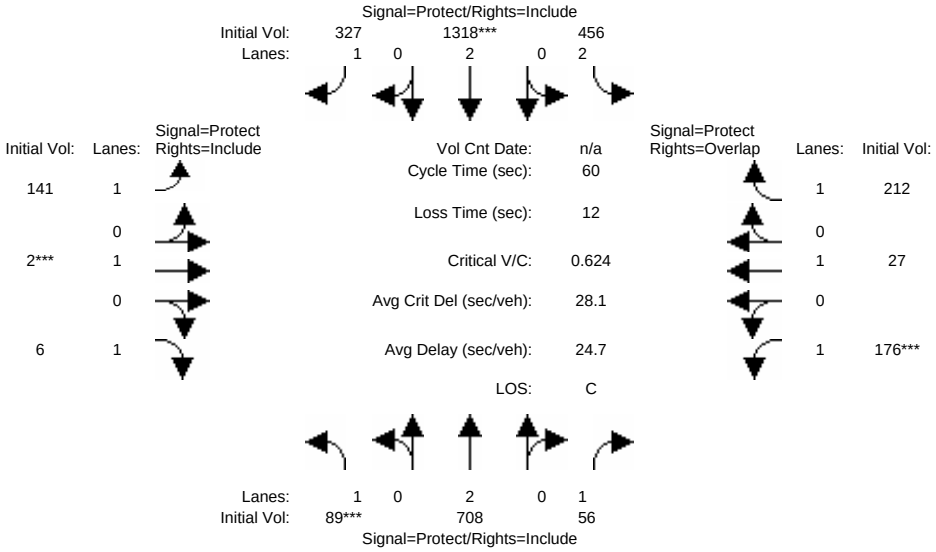
Level Of Service Computation Report
2000 HCM Operations (Future Volume Alternative)
Project AM

Intersection #9072: McCarthy Blvd. & Bellew Dr. (LT)



Street Name:	McCarthy Blvd.						Bellew Dr.					
Approach:	North Bound			South Bound			East Bound			West Bound		
Movement:	L -	T -	R	L -	T -	R	L -	T -	R	L -	T -	R
Min. Green:	7	10	10	7	10	10	7	10	10	7	10	10
Volume Module:												
Base Vol:	89	708	56	456	1318	327	141	2	6	176	27	212
Growth Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Initial Bse:	89	708	56	456	1318	327	141	2	6	176	27	212
Added Vol:	0	0	0	0	0	0	0	0	0	0	0	0
PasserByVol:	0	0	0	0	0	0	0	0	0	0	0	0
Initial Fut:	89	708	56	456	1318	327	141	2	6	176	27	212
User Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
PHF Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
PHF Volume:	89	708	56	456	1318	327	141	2	6	176	27	212
Reduct Vol:	0	0	0	0	0	0	0	0	0	0	0	0
Reduced Vol:	89	708	56	456	1318	327	141	2	6	176	27	212
PCE Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
MLF Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
FinalVolume:	89	708	56	456	1318	327	141	2	6	176	27	212
Saturation Flow Module:												
Sat/Lane:	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900
Adjustment:	0.92	1.00	0.92	0.83	1.00	0.92	0.92	1.00	0.92	0.92	1.00	0.92
Lanes:	1.00	2.00	1.00	2.00	2.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Final Sat.:	1750	3800	1750	3150	3800	1750	1750	1900	1750	1750	1900	1750
Capacity Analysis Module:												
Vol/Sat:	0.05	0.19	0.03	0.14	0.35	0.19	0.08	0.00	0.00	0.10	0.01	0.12
Crit Moves:	****				****			****			****	
Green Time:	7.0	17.4	17.4	13.6	24.0	24.0	7.0	10.0	10.0	7.0	10.0	23.6
Volume/Cap:	0.44	0.64	0.11	0.64	0.87	0.47	0.69	0.01	0.02	0.86	0.09	0.31
Delay/Veh:	31.3	21.4	16.0	25.4	23.5	15.5	42.9	20.9	21.0	61.2	21.7	13.8
User DelAdj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
AdjDel/Veh:	31.3	21.4	16.0	25.4	23.5	15.5	42.9	20.9	21.0	61.2	21.7	13.8
LOS by Move:	C	C+	B	C	C	B	D	C+	C+	E	C+	B
HCM2kAvgQ:	2	7	1	6	15	5	4	0	0	6	0	3

Note: Queue reported is the number of cars per lane.

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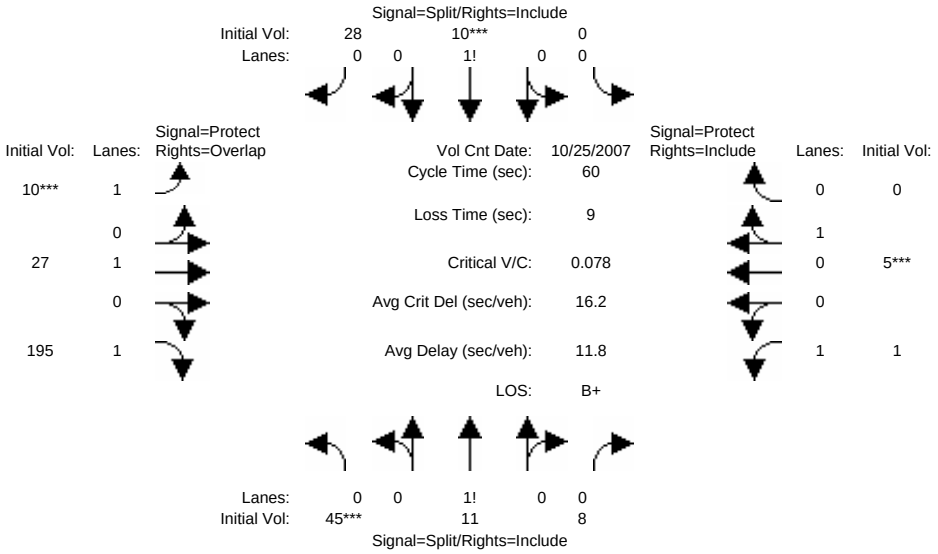
Milpitas Near-Term Cumulative Analysis

Level Of Service Computation Report
2000 HCM Operations (Future Volume Alternative)
Existing AM

Intersection #8: Barber Ln & Bellew Dr



Street Name:	Barber Ln						Bellew Dr					
Approach:	North Bound			South Bound			East Bound			West Bound		
Movement:	L - T - R			L - T - R			L - T - R			L - T - R		
Min. Green:	10	10	10	10	10	10	7	10	10	7	10	10
Volume Module: >> Count Date: 25 Oct 2007 <<												
Base Vol:	45	11	8	0	10	28	10	27	195	1	5	0
Growth Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Initial Bse:	45	11	8	0	10	28	10	27	195	1	5	0
Added Vol:	0	0	0	0	0	0	0	0	0	0	0	0
PasserByVol:	0	0	0	0	0	0	0	0	0	0	0	0
Initial Fut:	45	11	8	0	10	28	10	27	195	1	5	0
User Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
PHF Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
PHF Volume:	45	11	8	0	10	28	10	27	195	1	5	0
Reduct Vol:	0	0	0	0	0	0	0	0	0	0	0	0
Reduced Vol:	45	11	8	0	10	28	10	27	195	1	5	0
PCE Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
MLF Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
FinalVolume:	45	11	8	0	10	28	10	27	195	1	5	0
Saturation Flow Module:												
Sat/Lane:	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900
Adjustment:	0.92	0.92	0.92	0.92	0.95	0.95	0.92	1.00	0.92	0.92	0.95	0.92
Lanes:	0.70	0.17	0.13	0.00	0.26	0.74	1.00	1.00	1.00	1.00	1.00	0.00
Final Sat.:	1230	301	219	0	474	1326	1750	1900	1750	1750	1800	0
Capacity Analysis Module:												
Vol/Sat:	0.04	0.04	0.04	0.00	0.02	0.02	0.01	0.01	0.11	0.00	0.00	0.00
Crit Moves:	****				****		****				****	
Green Time:	21.6	21.6	21.6	0.0	12.4	12.4	7.0	10.0	31.6	7.0	10.0	0.0
Volume/Cap:	0.10	0.10	0.10	0.00	0.10	0.10	0.05	0.09	0.21	0.00	0.02	0.00
Delay/Veh:	12.9	12.9	12.9	0.0	19.4	19.4	23.6	21.3	7.7	23.4	20.9	0.0
User DelAdj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
AdjDel/Veh:	12.9	12.9	12.9	0.0	19.4	19.4	23.6	21.3	7.7	23.4	20.9	0.0
LOS by Move:	B	B	B	A	B-	B-	C	C+	A	C	C+	A
HCM2k95thQ:	2	2	2	0	1	1	0	1	4	0	0	0

Note: Queue reported is the number of cars per lane.

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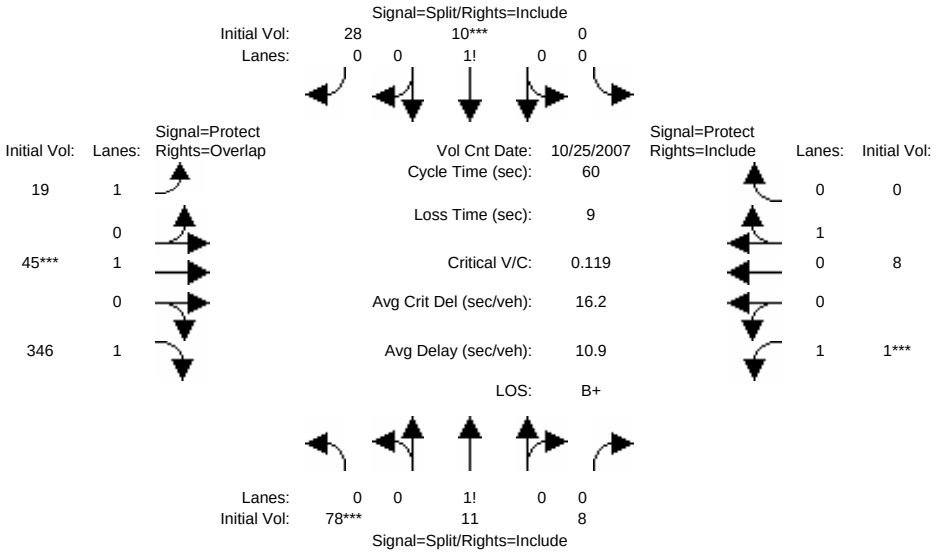
Milpitas Near-Term Cumulative Analysis

Level Of Service Computation Report
2000 HCM Operations (Future Volume Alternative)
Background AM

Intersection #8: Barber Ln & Bellew Dr



Street Name:	Barber Ln						Bellew Dr					
Approach:	North Bound			South Bound			East Bound			West Bound		
Movement:	L - T - R			L - T - R			L - T - R			L - T - R		
Min. Green:	10	10	10	10	10	10	7	10	10	7	10	10
Volume Module: >> Count Date: 25 Oct 2007 <<												
Base Vol:	45	11	8	0	10	28	10	27	195	1	5	0
Growth Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Initial Bse:	45	11	8	0	10	28	10	27	195	1	5	0
Added Vol:	0	0	0	0	0	0	0	0	0	0	0	0
ATI:	33	0	0	0	0	0	9	18	151	0	3	0
Initial Fut:	78	11	8	0	10	28	19	45	346	1	8	0
User Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
PHF Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
PHF Volume:	78	11	8	0	10	28	19	45	346	1	8	0
Reduct Vol:	0	0	0	0	0	0	0	0	0	0	0	0
Reduced Vol:	78	11	8	0	10	28	19	45	346	1	8	0
PCE Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
MLF Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
FinalVolume:	78	11	8	0	10	28	19	45	346	1	8	0
Saturation Flow Module:												
Sat/Lane:	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900
Adjustment:	0.92	0.92	0.92	0.92	0.95	0.95	0.92	1.00	0.92	0.92	0.95	0.92
Lanes:	0.81	0.11	0.08	0.00	0.26	0.74	1.00	1.00	1.00	1.00	1.00	0.00
Final Sat.:	1407	198	144	0	474	1326	1750	1900	1750	1750	1800	0
Capacity Analysis Module:												
Vol/Sat:	0.06	0.06	0.06	0.00	0.02	0.02	0.01	0.02	0.20	0.00	0.00	0.00
Crit Moves:	****				****			****		****		
Green Time:	23.8	23.8	23.8	0.0	10.0	10.0	7.1	10.2	34.0	7.0	10.1	0.0
Volume/Cap:	0.14	0.14	0.14	0.00	0.13	0.13	0.09	0.14	0.35	0.00	0.03	0.00
Delay/Veh:	11.6	11.6	11.6	0.0	21.5	21.5	23.8	21.4	7.2	23.4	20.9	0.0
User DelAdj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
AdjDel/Veh:	11.6	11.6	11.6	0.0	21.5	21.5	23.8	21.4	7.2	23.4	20.9	0.0
LOS by Move:	B+	B+	B+	A	C+	C+	C	C+	A	C	C+	A
HCM2k95thQ:	3	3	3	0	1	1	1	1	7	0	0	0

Note: Queue reported is the number of cars per lane.

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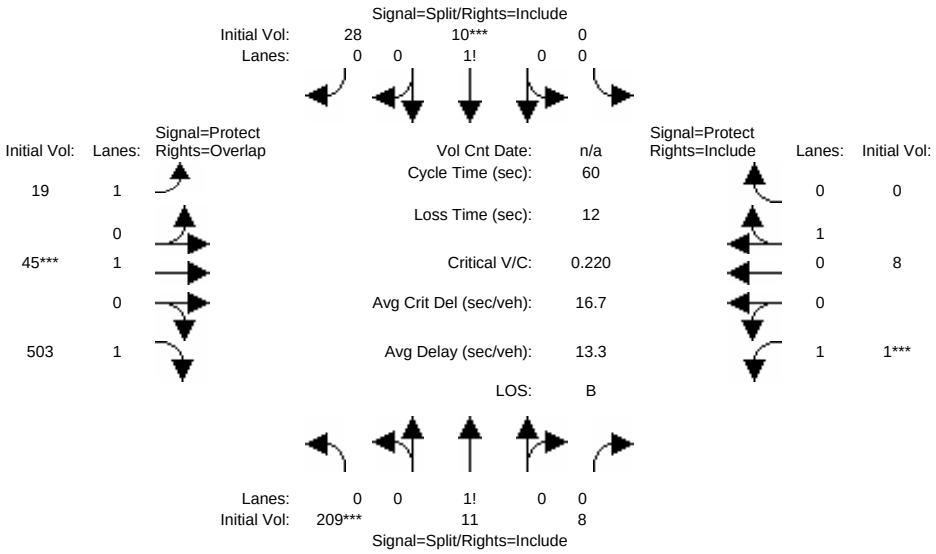
Level Of Service Computation Report
2000 HCM Operations (Future Volume Alternative)
Project AM

Intersection #8032: Barber Ln & Bellew Dr (LT)



Street Name:	Barber Ln						Bellew Dr					
Approach:	North Bound			South Bound			East Bound			West Bound		
Movement:	L - T - R			L - T - R			L - T - R			L - T - R		
Min. Green:	10	10	10	10	10	10	7	10	10	7	10	10
Volume Module:												
Base Vol:	209	11	8	0	10	28	19	45	503	1	8	0
Growth Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Initial Bse:	209	11	8	0	10	28	19	45	503	1	8	0
Added Vol:	0	0	0	0	0	0	0	0	0	0	0	0
PasserByVol:	0	0	0	0	0	0	0	0	0	0	0	0
Initial Fut:	209	11	8	0	10	28	19	45	503	1	8	0
User Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
PHF Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
PHF Volume:	209	11	8	0	10	28	19	45	503	1	8	0
Reduct Vol:	0	0	0	0	0	0	0	0	0	0	0	0
Reduced Vol:	209	11	8	0	10	28	19	45	503	1	8	0
PCE Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
MLF Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
FinalVolume:	209	11	8	0	10	28	19	45	503	1	8	0
Saturation Flow Module:												
Sat/Lane:	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900
Adjustment:	0.92	0.92	0.92	0.92	0.95	0.95	0.92	1.00	0.92	0.92	0.95	0.92
Lanes:	0.92	0.05	0.03	0.00	0.26	0.74	1.00	1.00	1.00	1.00	1.00	0.00
Final Sat.:	1604	84	61	0	474	1326	1750	1900	1750	1750	1800	0
Capacity Analysis Module:												
Vol/Sat:	0.13	0.13	0.13	0.00	0.02	0.02	0.01	0.02	0.29	0.00	0.00	0.00
Crit Moves:	****				****			****		****		
Green Time:	21.0	21.0	21.0	0.0	10.0	10.0	7.0	10.0	31.0	7.0	10.0	0.0
Volume/Cap:	0.37	0.37	0.37	0.00	0.13	0.13	0.09	0.14	0.56	0.00	0.03	0.00
Delay/Veh:	15.0	15.0	15.0	0.0	21.5	21.5	23.9	21.5	10.6	23.4	21.0	0.0
User DelAdj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
AdjDel/Veh:	15.0	15.0	15.0	0.0	21.5	21.5	23.9	21.5	10.6	23.4	21.0	0.0
LOS by Move:	B	B	B	A	C+	C+	C	C+	B+	C	C+	A
HCM2kAvgQ:	4	4	4	0	1	1	0	1	7	0	0	0

Note: Queue reported is the number of cars per lane.

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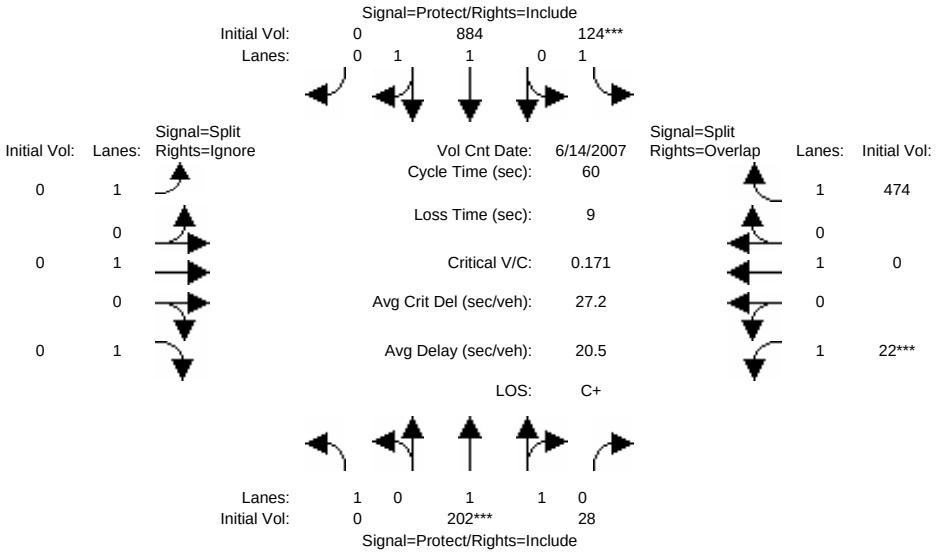
Milpitas Near-Term Cumulative Analysis

Level Of Service Computation Report
2000 HCM Operations (Future Volume Alternative)
Existing AM

Intersection #9: McCarthy Blvd. & Alder Dr.



Street Name:	McCarthy Blvd.						Alder Dr.					
Approach:	North Bound			South Bound			East Bound			West Bound		
Movement:	L	T	R	L	T	R	L	T	R	L	T	R
Min. Green:	0	10	10	7	10	0	0	0	0	10	0	10
Volume Module: >> Count Date: 14 Jun 2007 <<												
Base Vol:	0	202	28	124	884	0	0	0	0	22	0	474
Growth Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Initial Bse:	0	202	28	124	884	0	0	0	0	22	0	474
Added Vol:	0	0	0	0	0	0	0	0	0	0	0	0
PasserByVol:	0	0	0	0	0	0	0	0	0	0	0	0
Initial Fut:	0	202	28	124	884	0	0	0	0	22	0	474
User Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	0.00	1.00	1.00	1.00
PHF Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	0.00	1.00	1.00	1.00
PHF Volume:	0	202	28	124	884	0	0	0	0	22	0	474
Reduct Vol:	0	0	0	0	0	0	0	0	0	0	0	0
Reduced Vol:	0	202	28	124	884	0	0	0	0	22	0	474
PCE Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	0.00	1.00	1.00	1.00
MLF Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	0.00	1.00	1.00	1.00
FinalVolume:	0	202	28	124	884	0	0	0	0	22	0	474
Saturation Flow Module:												
Sat/Lane:	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900
Adjustment:	0.92	0.98	0.95	0.92	0.97	0.92	0.92	1.00	0.92	0.92	1.00	0.92
Lanes:	1.00	1.75	0.25	1.00	2.00	0.00	1.00	1.00	1.00	1.00	1.00	1.00
Final Sat.:	1750	3249	450	1750	3700	0	1750	1900	1750	1750	1900	1750
Capacity Analysis Module:												
Vol/Sat:	0.00	0.06	0.06	0.07	0.24	0.00	0.00	0.00	0.00	0.01	0.00	0.27
Crit Moves:		****		****						****		
Green Time:	0.0	10.0	10.0	7.0	17.0	0.0	0.0	0.0	0.0	54.0	0.0	61.0
Volume/Cap:	0.00	0.37	0.37	0.61	0.84	0.00	0.00	0.00	0.00	0.01	0.00	0.27
Delay/Veh:	0.0	23.9	23.9	37.9	28.5	0.0	0.0	0.0	0.0	0.3	0.0	0.4
User DelAdj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
AdjDel/Veh:	0.0	23.9	23.9	37.9	28.5	0.0	0.0	0.0	0.0	0.3	0.0	0.4
LOS by Move:	A	C	C	D+	C	A	A	A	A	A	A	A
HCM2k95thQ:	0	5	5	7	19	0	0	0	0	0	0	1

Note: Queue reported is the number of cars per lane.

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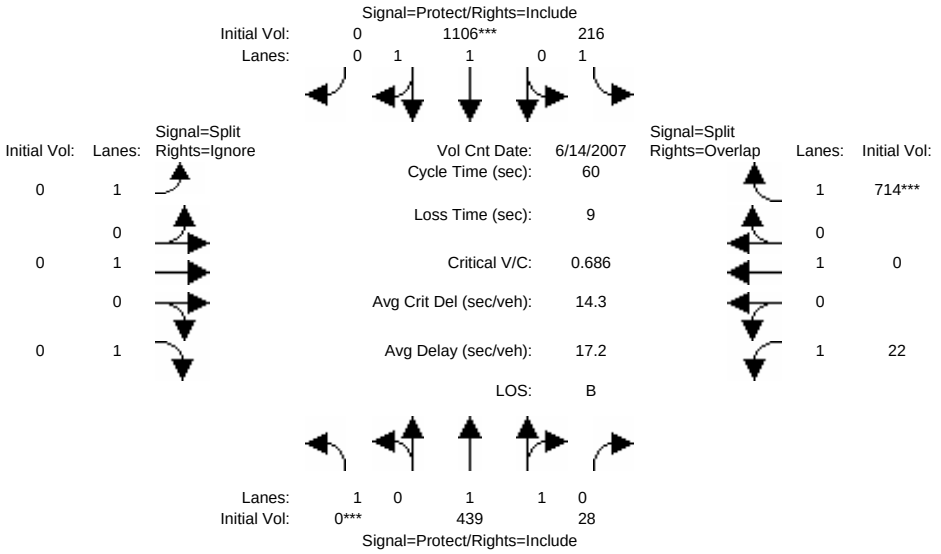
Level Of Service Computation Report
2000 HCM Operations (Future Volume Alternative)
Background AM

Intersection #9: McCarthy Blvd. & Alder Dr.



Street Name:	McCarthy Blvd.						Alder Dr.					
Approach:	North Bound			South Bound			East Bound			West Bound		
Movement:	L	T	R	L	T	R	L	T	R	L	T	R
Min. Green:	0	10	10	7	10	0	0	0	0	10	0	10
Volume Module: >> Count Date: 14 Jun 2007 <<												
Base Vol:	0	202	28	124	884	0	0	0	0	22	0	474
Growth Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Initial Bse:	0	202	28	124	884	0	0	0	0	22	0	474
Added Vol:	0	0	0	0	0	0	0	0	0	0	0	0
ATI:	0	237	0	92	222	0	0	0	0	0	0	240
Initial Fut:	0	439	28	216	1106	0	0	0	0	22	0	714
User Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	0.00	1.00	1.00	1.00
PHF Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	0.00	1.00	1.00	1.00
PHF Volume:	0	439	28	216	1106	0	0	0	0	22	0	714
Reduct Vol:	0	0	0	0	0	0	0	0	0	0	0	0
Reduced Vol:	0	439	28	216	1106	0	0	0	0	22	0	714
PCE Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	0.00	1.00	1.00	1.00
MLF Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	0.00	1.00	1.00	1.00
FinalVolume:	0	439	28	216	1106	0	0	0	0	22	0	714
Saturation Flow Module:												
Sat/Lane:	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900
Adjustment:	0.92	0.98	0.95	0.92	0.97	0.92	0.92	1.00	0.92	0.92	1.00	0.92
Lanes:	1.00	1.88	0.12	1.00	2.00	0.00	1.00	1.00	1.00	1.00	1.00	1.00
Final Sat.:	1750	3478	222	1750	3700	0	1750	1900	1750	1750	1900	1750
Capacity Analysis Module:												
Vol/Sat:	0.00	0.13	0.13	0.12	0.30	0.00	0.00	0.00	0.00	0.01	0.00	0.41
Crit Moves:	****				****							****
Green Time:	0.0	15.0	15.0	11.1	26.1	0.0	0.0	0.0	0.0	24.9	0.0	36.0
Volume/Cap:	0.00	0.50	0.50	0.67	0.69	0.00	0.00	0.00	0.00	0.03	0.00	0.68
Delay/Veh:	0.0	21.3	21.3	33.1	16.0	0.0	0.0	0.0	0.0	10.5	0.0	11.7
User DelAdj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
AdjDel/Veh:	0.0	21.3	21.3	33.1	16.0	0.0	0.0	0.0	0.0	10.5	0.0	11.7
LOS by Move:	A	C+	C+	C-	B	A	A	A	A	B+	A	B+
HCM2k95thQ:	0	9	9	10	17	0	0	0	0	1	0	17

Note: Queue reported is the number of cars per lane.

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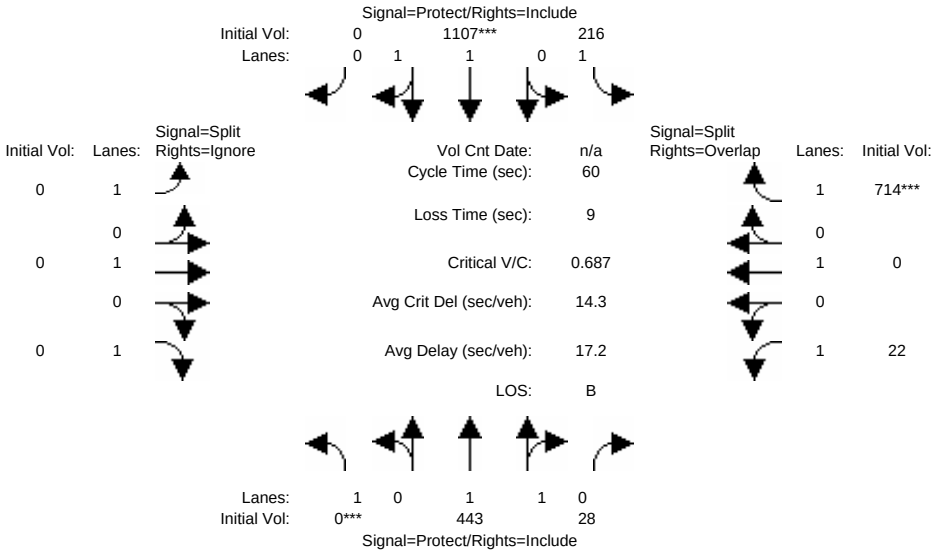
Level Of Service Computation Report
2000 HCM Operations (Future Volume Alternative)
Project AM

Intersection #9: McCarthy Blvd. & Alder Dr.



Street Name:	McCarthy Blvd.						Alder Dr.					
Approach:	North Bound			South Bound			East Bound			West Bound		
Movement:	L - T - R			L - T - R			L - T - R			L - T - R		
Min. Green:	0	10	10	7	10	0	0	0	0	10	0	10
Volume Module:												
Base Vol:	0	439	28	216	1106	0	0	0	0	22	0	714
Growth Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Initial Bse:	0	439	28	216	1106	0	0	0	0	22	0	714
Added Vol:	0	4	0	0	1	0	0	0	0	0	0	0
PasserByVol:	0	0	0	0	0	0	0	0	0	0	0	0
Initial Fut:	0	443	28	216	1107	0	0	0	0	22	0	714
User Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	0.00	1.00	1.00	1.00
PHF Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	0.00	1.00	1.00	1.00
PHF Volume:	0	443	28	216	1107	0	0	0	0	22	0	714
Reduct Vol:	0	0	0	0	0	0	0	0	0	0	0	0
Reduced Vol:	0	443	28	216	1107	0	0	0	0	22	0	714
PCE Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	0.00	1.00	1.00	1.00
MLF Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	0.00	1.00	1.00	1.00
FinalVolume:	0	443	28	216	1107	0	0	0	0	22	0	714
Saturation Flow Module:												
Sat/Lane:	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900
Adjustment:	0.92	0.98	0.95	0.92	0.97	0.92	0.92	1.00	0.92	0.92	1.00	0.92
Lanes:	1.00	1.88	0.12	1.00	2.00	0.00	1.00	1.00	1.00	1.00	1.00	1.00
Final Sat.:	1750	3480	220	1750	3700	0	1750	1900	1750	1750	1900	1750
Capacity Analysis Module:												
Vol/Sat:	0.00	0.13	0.13	0.12	0.30	0.00	0.00	0.00	0.00	0.01	0.00	0.41
Crit Moves:	****				****							****
Green Time:	0.0	15.0	15.0	11.1	26.1	0.0	0.0	0.0	0.0	24.9	0.0	36.0
Volume/Cap:	0.00	0.51	0.51	0.67	0.69	0.00	0.00	0.00	0.00	0.03	0.00	0.68
Delay/Veh:	0.0	21.3	21.3	33.1	16.0	0.0	0.0	0.0	0.0	10.5	0.0	11.7
User DelAdj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
AdjDel/Veh:	0.0	21.3	21.3	33.1	16.0	0.0	0.0	0.0	0.0	10.5	0.0	11.7
LOS by Move:	A	C+	C+	C-	B	A	A	A	A	B+	A	B+
HCM2k95thQ:	0	9	9	10	17	0	0	0	0	1	0	17

Note: Queue reported is the number of cars per lane.

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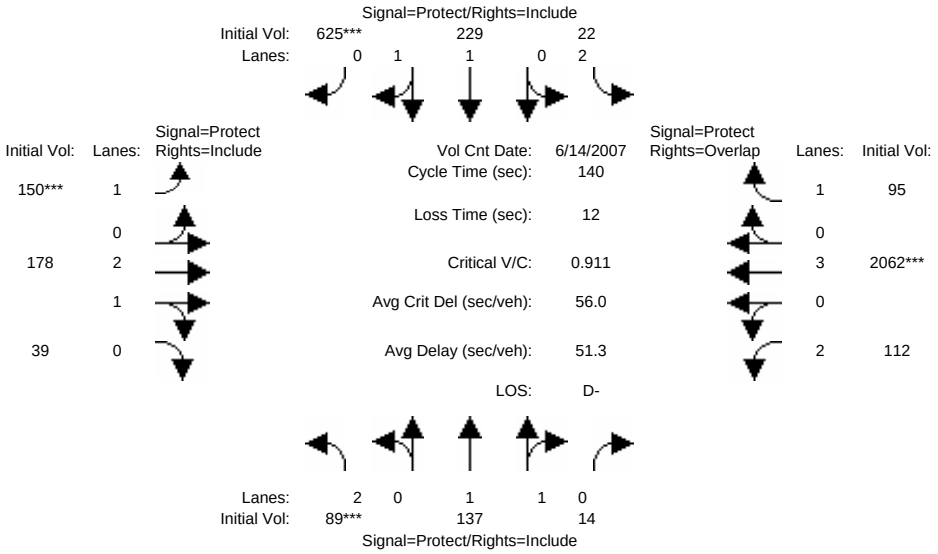
Milpitas Near-Term Cumulative Analysis

Level Of Service Computation Report
2000 HCM Operations (Future Volume Alternative)
Existing AM

Intersection #10: McCarthy Blvd. & Tasman Dr.



Street Name:	McCarthy Blvd.						Tasman Dr.					
Approach:	North Bound			South Bound			East Bound			West Bound		
Movement:	L - T - R			L - T - R			L - T - R			L - T - R		
Min. Green:	7	10	10	7	10	10	7	10	10	7	10	10
Volume Module: >> Count Date: 14 Jun 2007 <<												
Base Vol:	89	137	14	22	229	625	150	178	39	112	2062	95
Growth Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Initial Bse:	89	137	14	22	229	625	150	178	39	112	2062	95
Added Vol:	0	0	0	0	0	0	0	0	0	0	0	0
PasserByVol:	0	0	0	0	0	0	0	0	0	0	0	0
Initial Fut:	89	137	14	22	229	625	150	178	39	112	2062	95
User Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
PHF Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
PHF Volume:	89	137	14	22	229	625	150	178	39	112	2062	95
Reduct Vol:	0	0	0	0	0	0	0	0	0	0	0	0
Reduced Vol:	89	137	14	22	229	625	150	178	39	112	2062	95
PCE Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
MLF Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
FinalVolume:	89	137	14	22	229	625	150	178	39	112	2062	95
Saturation Flow Module:												
Sat/Lane:	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900
Adjustment:	0.83	0.98	0.95	0.83	1.00	0.92	0.92	0.99	0.95	0.83	1.00	0.92
Lanes:	2.00	1.81	0.19	2.00	1.00	1.00	1.00	2.44	0.56	2.00	3.00	1.00
Final Sat.:	3150	3357	343	3150	1900	1750	1750	4592	1006	3150	5700	1750
Capacity Analysis Module:												
Vol/Sat:	0.03	0.04	0.04	0.01	0.12	0.36	0.09	0.04	0.04	0.04	0.36	0.05
Crit Moves:	****					****	****				****	
Green Time:	7.0	35.7	35.7	25.0	53.7	53.7	12.9	39.6	39.6	27.7	54.4	79.4
Volume/Cap:	0.57	0.16	0.16	0.04	0.31	0.93	0.93	0.14	0.14	0.18	0.93	0.10
Delay/Veh:	78.9	40.9	40.9	47.7	30.5	58.4	117.7	37.6	37.6	47.3	49.6	14.1
User DelAdj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
AdjDel/Veh:	78.9	40.9	40.9	47.7	30.5	58.4	117.7	37.6	37.6	47.3	49.6	14.1
LOS by Move:	E-	D	D	D	C	E+	F	D+	D+	D	D	B
HCM2k95thQ:	5	6	6	1	12	51	15	5	5	5	52	4

Note: Queue reported is the number of cars per lane.

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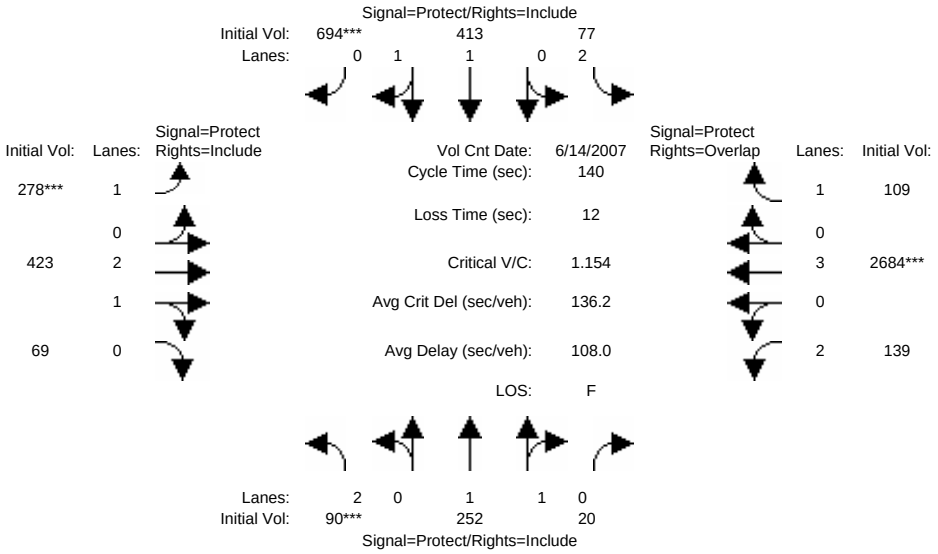
Milpitas Near-Term Cumulative Analysis

Level Of Service Computation Report
2000 HCM Operations (Future Volume Alternative)
Background AM

Intersection #10: McCarthy Blvd. & Tasman Dr.



Street Name:	McCarthy Blvd.						Tasman Dr.					
Approach:	North Bound			South Bound			East Bound			West Bound		
Movement:	L - T - R			L - T - R			L - T - R			L - T - R		
Min. Green:	7	10	10	7	10	10	7	10	10	7	10	10
Volume Module: >> Count Date: 14 Jun 2007 <<												
Base Vol:	89	137	14	22	229	625	150	178	39	112	2062	95
Growth Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Initial Bse:	89	137	14	22	229	625	150	178	39	112	2062	95
Added Vol:	0	0	0	0	0	0	0	0	0	0	0	0
ATI:	1	115	6	55	184	69	128	245	30	27	622	14
Initial Fut:	90	252	20	77	413	694	278	423	69	139	2684	109
User Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
PHF Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
PHF Volume:	90	252	20	77	413	694	278	423	69	139	2684	109
Reduct Vol:	0	0	0	0	0	0	0	0	0	0	0	0
Reduced Vol:	90	252	20	77	413	694	278	423	69	139	2684	109
PCE Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
MLF Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
FinalVolume:	90	252	20	77	413	694	278	423	69	139	2684	109
Saturation Flow Module:												
Sat/Lane:	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900
Adjustment:	0.83	0.98	0.95	0.83	1.00	0.92	0.92	0.99	0.95	0.83	1.00	0.92
Lanes:	2.00	1.85	0.15	2.00	1.00	1.00	1.00	2.56	0.44	2.00	3.00	1.00
Final Sat.:	3150	3428	272	3150	1900	1750	1750	4814	785	3150	5700	1750
Capacity Analysis Module:												
Vol/Sat:	0.03	0.07	0.07	0.02	0.22	0.40	0.16	0.09	0.09	0.04	0.47	0.06
Crit Moves:	****					****	****				****	
Green Time:	7.0	32.0	32.0	21.8	46.8	46.8	18.7	47.3	47.3	26.9	55.5	77.3
Volume/Cap:	0.57	0.32	0.32	0.16	0.65	1.19	1.19	0.26	0.26	0.23	1.19	0.11
Delay/Veh:	79.2	46.0	46.0	51.9	41.6	141.8	179.5	34.0	34.0	48.7	131	15.2
User DelAdj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
AdjDel/Veh:	79.2	46.0	46.0	51.9	41.6	141.8	179.5	34.0	34.0	48.7	131	15.2
LOS by Move:	E-	D	D	D-	D	F	F	C-	C-	D	F	B
HCM2k95thQ:	5	10	10	4	25	78	33	10	10	6	90	5

Note: Queue reported is the number of cars per lane.

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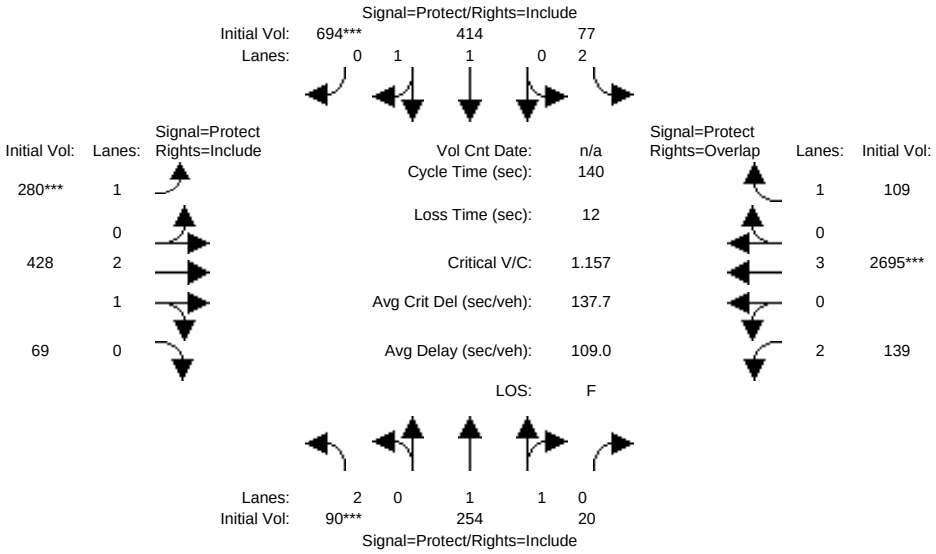
Milpitas Near-Term Cumulative Analysis

Level Of Service Computation Report
2000 HCM Operations (Future Volume Alternative)
Project AM

Intersection #10: McCarthy Blvd. & Tasman Dr.



Street Name:	McCarthy Blvd.						Tasman Dr.					
Approach:	North Bound			South Bound			East Bound			West Bound		
Movement:	L - T - R			L - T - R			L - T - R			L - T - R		
Min. Green:	7	10	10	7	10	10	7	10	10	7	10	10
Volume Module:												
Base Vol:	90	252	20	77	413	694	278	423	69	139	2684	109
Growth Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Initial Bse:	90	252	20	77	413	694	278	423	69	139	2684	109
Added Vol:	0	2	0	0	1	0	2	5	0	0	11	0
PasserByVol:	0	0	0	0	0	0	0	0	0	0	0	0
Initial Fut:	90	254	20	77	414	694	280	428	69	139	2695	109
User Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
PHF Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
PHF Volume:	90	254	20	77	414	694	280	428	69	139	2695	109
Reduct Vol:	0	0	0	0	0	0	0	0	0	0	0	0
Reduced Vol:	90	254	20	77	414	694	280	428	69	139	2695	109
PCE Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
MLF Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
FinalVolume:	90	254	20	77	414	694	280	428	69	139	2695	109
Saturation Flow Module:												
Sat/Lane:	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900
Adjustment:	0.83	0.98	0.95	0.83	1.00	0.92	0.92	0.99	0.95	0.83	1.00	0.92
Lanes:	2.00	1.85	0.15	2.00	1.00	1.00	1.00	2.57	0.43	2.00	3.00	1.00
Final Sat.:	3150	3430	270	3150	1900	1750	1750	4822	777	3150	5700	1750
Capacity Analysis Module:												
Vol/Sat:	0.03	0.07	0.07	0.02	0.22	0.40	0.16	0.09	0.09	0.04	0.47	0.06
Crit Moves:	****					****	****				****	
Green Time:	7.0	32.0	32.0	21.6	46.6	46.6	18.8	47.6	47.6	26.8	55.6	77.2
Volume/Cap:	0.57	0.32	0.32	0.16	0.65	1.19	1.19	0.26	0.26	0.23	1.19	0.11
Delay/Veh:	79.2	46.0	46.0	52.0	41.8	143.4	180.7	33.8	33.8	48.8	133	15.3
User DelAdj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
AdjDel/Veh:	79.2	46.0	46.0	52.0	41.8	143.4	180.7	33.8	33.8	48.8	133	15.3
LOS by Move:	E-	D	D	D-	D	F	F	C-	C-	D	F	B
HCM2k95thQ:	5	10	10	4	26	79	33	10	10	6	90	5

Note: Queue reported is the number of cars per lane.

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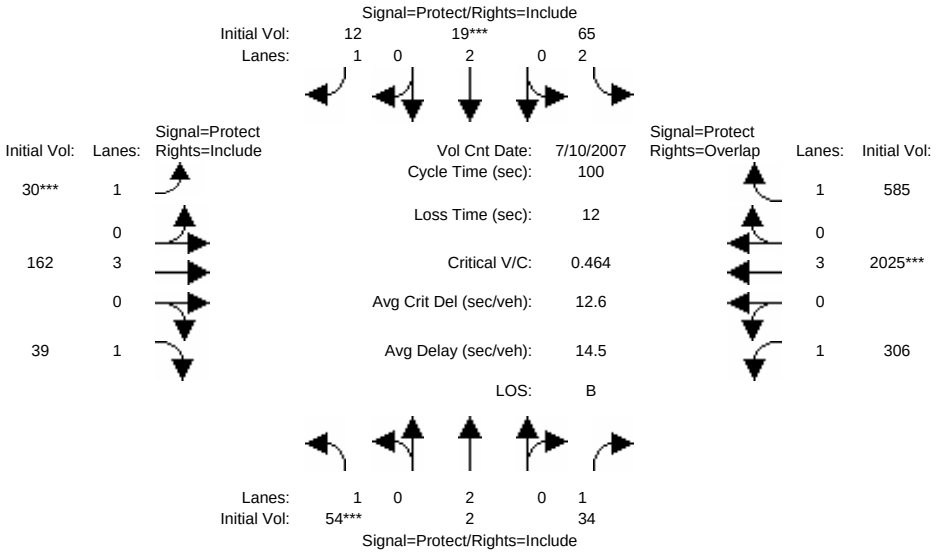
Milpitas Near-Term Cumulative Analysis

Level Of Service Computation Report
2000 HCM Operations (Future Volume Alternative)
Existing AM

Intersection #11: Tasman Dr. & Alder Dr.



Street Name:	Alder Dr.						Tasman Dr.					
Approach:	North Bound			South Bound			East Bound			West Bound		
Movement:	L -	T -	R	L -	T -	R	L -	T -	R	L -	T -	R
Min. Green:	7	10	10	7	10	10	7	10	10	7	10	10
Volume Module: >> Count Date: 10 Jul 2007 <<												
Base Vol:	54	2	34	65	19	12	30	162	39	306	2025	585
Growth Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Initial Bse:	54	2	34	65	19	12	30	162	39	306	2025	585
Added Vol:	0	0	0	0	0	0	0	0	0	0	0	0
PasserByVol:	0	0	0	0	0	0	0	0	0	0	0	0
Initial Fut:	54	2	34	65	19	12	30	162	39	306	2025	585
User Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
PHF Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
PHF Volume:	54	2	34	65	19	12	30	162	39	306	2025	585
Reduct Vol:	0	0	0	0	0	0	0	0	0	0	0	0
Reduced Vol:	54	2	34	65	19	12	30	162	39	306	2025	585
PCE Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
MLF Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
FinalVolume:	54	2	34	65	19	12	30	162	39	306	2025	585
Saturation Flow Module:												
Sat/Lane:	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900
Adjustment:	0.92	1.00	0.92	0.83	1.00	0.92	0.92	1.00	0.92	0.92	1.00	0.92
Lanes:	1.00	2.00	1.00	2.00	2.00	1.00	1.00	3.00	1.00	1.00	3.00	1.00
Final Sat.:	1750	3800	1750	3150	3800	1750	1750	5700	1750	1750	5700	1750
Capacity Analysis Module:												
Vol/Sat:	0.03	0.00	0.02	0.02	0.01	0.01	0.02	0.03	0.02	0.17	0.36	0.33
Crit Moves:	****				****		****				****	
Green Time:	7.0	10.0	10.0	7.0	10.0	10.0	7.0	25.8	25.8	45.2	64.0	71.0
Volume/Cap:	0.44	0.01	0.19	0.29	0.05	0.07	0.24	0.11	0.09	0.39	0.56	0.47
Delay/Veh:	55.7	40.5	43.8	47.5	41.0	41.5	48.7	28.5	28.5	19.6	10.7	7.6
User DelAdj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
AdjDel/Veh:	55.7	40.5	43.8	47.5	41.0	41.5	48.7	28.5	28.5	19.6	10.7	7.6
LOS by Move:	E+	D	D	D	D	D	D	C	C	B-	B+	A
HCM2k95thQ:	4	0	2	3	1	1	2	3	2	12	20	15

Note: Queue reported is the number of cars per lane.

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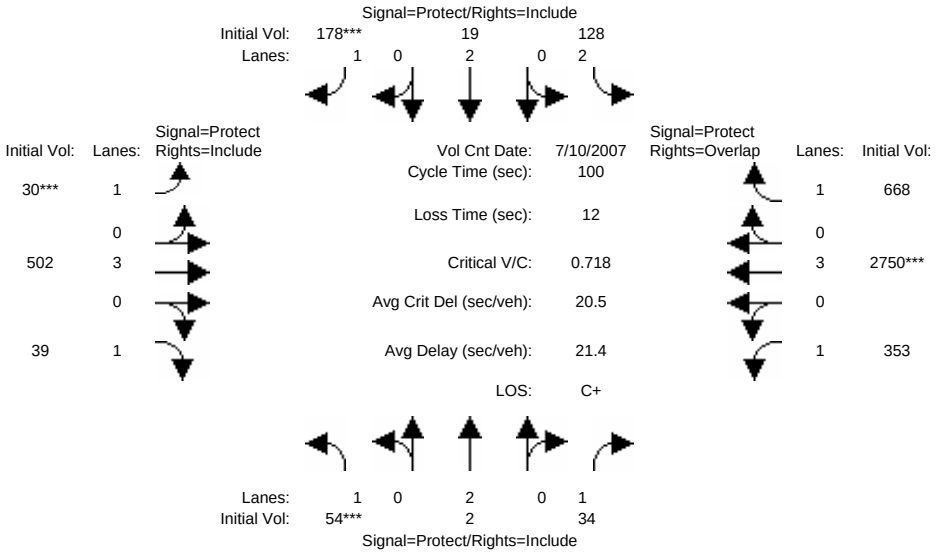
Milpitas Near-Term Cumulative Analysis

Level Of Service Computation Report
2000 HCM Operations (Future Volume Alternative)
Background AM

Intersection #11: Tasman Dr. & Alder Dr.



Street Name:	Alder Dr.						Tasman Dr.					
Approach:	North Bound			South Bound			East Bound			West Bound		
Movement:	L - T - R			L - T - R			L - T - R			L - T - R		
Min. Green:	7	10	10	7	10	10	7	10	10	7	10	10
Volume Module: >> Count Date: 10 Jul 2007 <<												
Base Vol:	54	2	34	65	19	12	30	162	39	306	2025	585
Growth Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Initial Bse:	54	2	34	65	19	12	30	162	39	306	2025	585
Added Vol:	0	0	0	0	0	0	0	0	0	0	0	0
ATI:	0	0	0	63	0	166	0	340	0	47	725	83
Initial Fut:	54	2	34	128	19	178	30	502	39	353	2750	668
User Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
PHF Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
PHF Volume:	54	2	34	128	19	178	30	502	39	353	2750	668
Reduct Vol:	0	0	0	0	0	0	0	0	0	0	0	0
Reduced Vol:	54	2	34	128	19	178	30	502	39	353	2750	668
PCE Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
MLF Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
FinalVolume:	54	2	34	128	19	178	30	502	39	353	2750	668
Saturation Flow Module:												
Sat/Lane:	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900
Adjustment:	0.92	1.00	0.92	0.83	1.00	0.92	0.92	1.00	0.92	0.92	1.00	0.92
Lanes:	1.00	2.00	1.00	2.00	2.00	1.00	1.00	3.00	1.00	1.00	3.00	1.00
Final Sat.:	1750	3800	1750	3150	3800	1750	1750	5700	1750	1750	5700	1750
Capacity Analysis Module:												
Vol/Sat:	0.03	0.00	0.02	0.04	0.01	0.10	0.02	0.09	0.02	0.20	0.48	0.38
Crit Moves:	****					****	****				****	
Green Time:	7.0	11.7	11.7	8.2	12.9	12.9	7.0	22.6	22.6	45.5	61.1	69.3
Volume/Cap:	0.44	0.00	0.17	0.50	0.04	0.79	0.24	0.39	0.10	0.44	0.79	0.55
Delay/Veh:	55.7	39.0	41.5	50.6	38.3	66.1	48.7	33.8	31.2	20.4	16.5	9.4
User DelAdj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
AdjDel/Veh:	55.7	39.0	41.5	50.6	38.3	66.1	48.7	33.8	31.2	20.4	16.5	9.4
LOS by Move:	E+	D	D	D	D+	E	D	C-	C	C+	B	A
HCM2k95thQ:	4	0	2	5	1	12	2	9	2	14	35	19

Note: Queue reported is the number of cars per lane.

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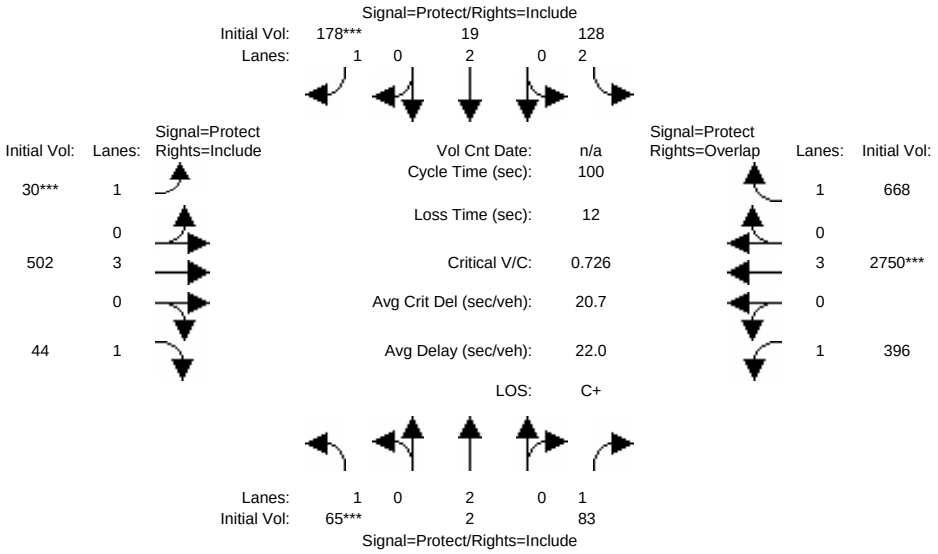
Milpitas Near-Term Cumulative Analysis

Level Of Service Computation Report
2000 HCM Operations (Future Volume Alternative)
Project AM

Intersection #11: Tasman Dr. & Alder Dr.



Street Name:	Alder Dr.						Tasman Dr.					
Approach:	North Bound			South Bound			East Bound			West Bound		
Movement:	L - T - R			L - T - R			L - T - R			L - T - R		
Min. Green:	7	10	10	7	10	10	7	10	10	7	10	10
Volume Module:												
Base Vol:	54	2	34	128	19	178	30	502	39	353	2750	668
Growth Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Initial Bse:	54	2	34	128	19	178	30	502	39	353	2750	668
Added Vol:	11	0	49	0	0	0	0	0	5	43	0	0
PasserByVol:	0	0	0	0	0	0	0	0	0	0	0	0
Initial Fut:	65	2	83	128	19	178	30	502	44	396	2750	668
User Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
PHF Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
PHF Volume:	65	2	83	128	19	178	30	502	44	396	2750	668
Reduct Vol:	0	0	0	0	0	0	0	0	0	0	0	0
Reduced Vol:	65	2	83	128	19	178	30	502	44	396	2750	668
PCE Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
MLF Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
FinalVolume:	65	2	83	128	19	178	30	502	44	396	2750	668
Saturation Flow Module:												
Sat/Lane:	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900
Adjustment:	0.92	1.00	0.92	0.83	1.00	0.92	0.92	1.00	0.92	0.92	1.00	0.92
Lanes:	1.00	2.00	1.00	2.00	2.00	1.00	1.00	3.00	1.00	1.00	3.00	1.00
Final Sat.:	1750	3800	1750	3150	3800	1750	1750	5700	1750	1750	5700	1750
Capacity Analysis Module:												
Vol/Sat:	0.04	0.00	0.05	0.04	0.01	0.10	0.02	0.09	0.03	0.23	0.48	0.38
Crit Moves:	****					****	****				****	
Green Time:	7.0	11.7	11.7	8.2	12.9	12.9	7.0	20.9	20.9	47.2	61.1	69.3
Volume/Cap:	0.53	0.00	0.41	0.50	0.04	0.79	0.24	0.42	0.12	0.48	0.79	0.55
Delay/Veh:	60.4	39.0	46.8	50.6	38.3	66.1	48.7	35.4	32.8	20.0	16.5	9.4
User DelAdj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
AdjDel/Veh:	60.4	39.0	46.8	50.6	38.3	66.1	48.7	35.4	32.8	20.0	16.5	9.4
LOS by Move:	E	D	D	D	D+	E	D	D+	C-	B-	B	A
HCM2k95thQ:	5	0	6	5	1	12	2	9	3	15	34	19

Note: Queue reported is the number of cars per lane.

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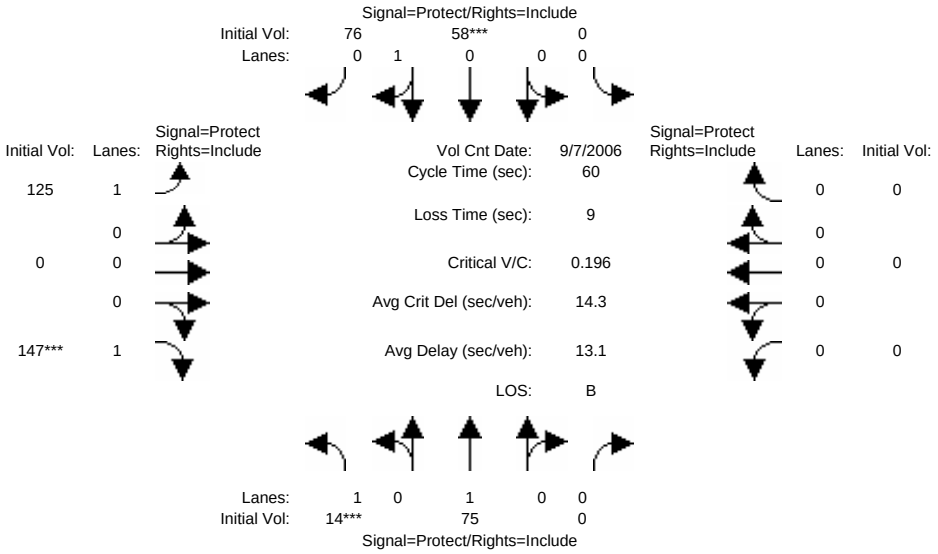
Milpitas Near-Term Cumulative Analysis

Level Of Service Computation Report
2000 HCM Operations (Future Volume Alternative)
Existing AM

Intersection #12: Barber Ln / Alder Dr



Street Name:	Barber Ln						Alder Dr					
Approach:	North Bound			South Bound			East Bound			West Bound		
Movement:	L -	T -	R	L -	T -	R	L -	T -	R	L -	T -	R
Min. Green:	7	10	0	0	10	10	7	0	10	0	0	0
Volume Module: >> Count Date: 7 Sep 2006 <<												
Base Vol:	14	75	0	0	58	76	125	0	147	0	0	0
Growth Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Initial Bse:	14	75	0	0	58	76	125	0	147	0	0	0
Added Vol:	0	0	0	0	0	0	0	0	0	0	0	0
PasserByVol:	0	0	0	0	0	0	0	0	0	0	0	0
Initial Fut:	14	75	0	0	58	76	125	0	147	0	0	0
User Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
PHF Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
PHF Volume:	14	75	0	0	58	76	125	0	147	0	0	0
Reduct Vol:	0	0	0	0	0	0	0	0	0	0	0	0
Reduced Vol:	14	75	0	0	58	76	125	0	147	0	0	0
PCE Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
MLF Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
FinalVolume:	14	75	0	0	58	76	125	0	147	0	0	0
Saturation Flow Module:												
Sat/Lane:	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900
Adjustment:	0.92	1.00	0.92	0.92	0.95	0.95	0.92	1.00	0.92	0.92	1.00	0.92
Lanes:	1.00	1.00	0.00	0.00	0.43	0.57	1.00	0.00	1.00	0.00	0.00	0.00
Final Sat.:	1750	1900	0	0	779	1021	1750	0	1750	0	0	0
Capacity Analysis Module:												
Vol/Sat:	0.01	0.04	0.00	0.00	0.07	0.07	0.07	0.00	0.08	0.00	0.00	0.00
Crit Moves:	****				****				****			
Green Time:	7.0	27.7	0.0	0.0	20.7	20.7	23.3	0.0	23.3	0.0	0.0	0.0
Volume/Cap:	0.07	0.09	0.00	0.00	0.22	0.22	0.18	0.00	0.22	0.00	0.00	0.00
Delay/Veh:	24.2	9.3	0.0	0.0	14.7	14.7	12.7	0.0	13.0	0.0	0.0	0.0
User DelAdj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
AdjDel/Veh:	24.2	9.3	0.0	0.0	14.7	14.7	12.7	0.0	13.0	0.0	0.0	0.0
LOS by Move:	C	A	A	A	B	B	B	A	B	A	A	A
HCM2k95thQ:	1	2	0	0	4	4	4	0	4	0	0	0

Note: Queue reported is the number of cars per lane.

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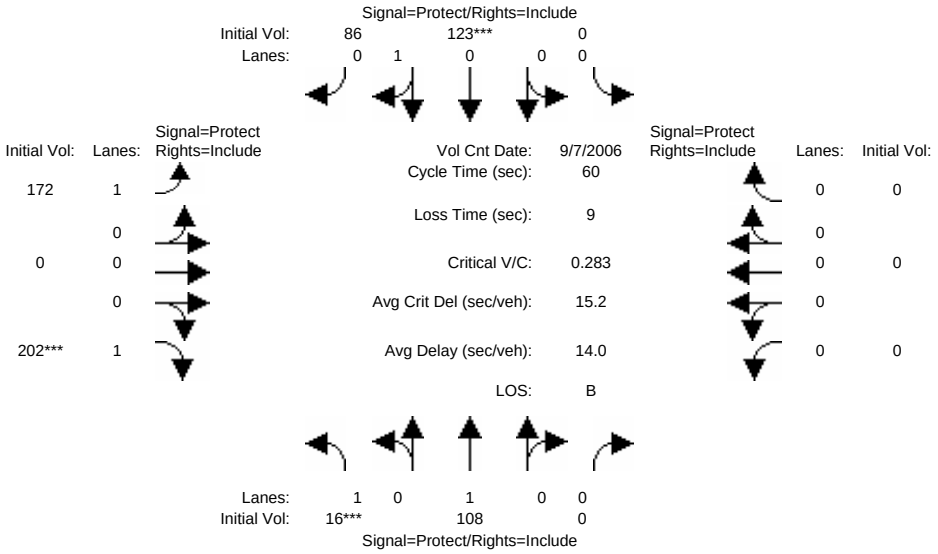
Milpitas Near-Term Cumulative Analysis

Level Of Service Computation Report
2000 HCM Operations (Future Volume Alternative)
Background AM

Intersection #12: Barber Ln / Alder Dr



Street Name:	Barber Ln						Alder Dr					
Approach:	North Bound			South Bound			East Bound			West Bound		
Movement:	L - T - R			L - T - R			L - T - R			L - T - R		
Min. Green:	7	10	0	0	10	10	7	0	10	0	0	0
Volume Module: >> Count Date: 7 Sep 2006 <<												
Base Vol:	14	75	0	0	58	76	125	0	147	0	0	0
Growth Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Initial Bse:	14	75	0	0	58	76	125	0	147	0	0	0
Added Vol:	0	0	0	0	0	0	0	0	0	0	0	0
ATI:	2	33	0	0	65	10	47	0	55	0	0	0
Initial Fut:	16	108	0	0	123	86	172	0	202	0	0	0
User Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
PHF Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
PHF Volume:	16	108	0	0	123	86	172	0	202	0	0	0
Reduct Vol:	0	0	0	0	0	0	0	0	0	0	0	0
Reduced Vol:	16	108	0	0	123	86	172	0	202	0	0	0
PCE Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
MLF Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
FinalVolume:	16	108	0	0	123	86	172	0	202	0	0	0
Saturation Flow Module:												
Sat/Lane:	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900
Adjustment:	0.92	1.00	0.92	0.92	0.95	0.95	0.92	1.00	0.92	0.92	1.00	0.92
Lanes:	1.00	1.00	0.00	0.00	0.59	0.41	1.00	0.00	1.00	0.00	0.00	0.00
Final Sat.:	1750	1900	0	0	1059	741	1750	0	1750	0	0	0
Capacity Analysis Module:												
Vol/Sat:	0.01	0.06	0.00	0.00	0.12	0.12	0.10	0.00	0.12	0.00	0.00	0.00
Crit Moves:	****				****				****			
Green Time:	7.0	29.1	0.0	0.0	22.1	22.1	21.9	0.0	21.9	0.0	0.0	0.0
Volume/Cap:	0.08	0.12	0.00	0.00	0.32	0.32	0.27	0.00	0.32	0.00	0.00	0.00
Delay/Veh:	24.4	8.7	0.0	0.0	14.8	14.8	14.4	0.0	14.9	0.0	0.0	0.0
User DelAdj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
AdjDel/Veh:	24.4	8.7	0.0	0.0	14.8	14.8	14.4	0.0	14.9	0.0	0.0	0.0
LOS by Move:	C	A	A	A	B	B	B	A	B	A	A	A
HCM2k95thQ:	1	3	0	0	7	7	5	0	6	0	0	0

Note: Queue reported is the number of cars per lane.

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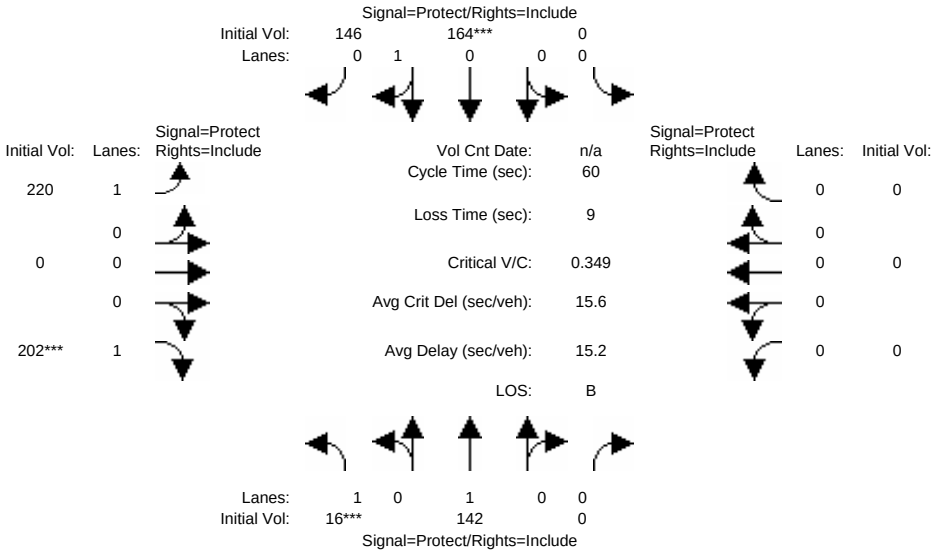
Milpitas Near-Term Cumulative Analysis

Level Of Service Computation Report
2000 HCM Operations (Future Volume Alternative)
Project AM

Intersection #12: Barber Ln / Alder Dr



Street Name:	Barber Ln						Alder Dr					
Approach:	North Bound			South Bound			East Bound			West Bound		
Movement:	L - T - R			L - T - R			L - T - R			L - T - R		
Min. Green:	7	10	0	0	10	10	7	0	10	0	0	0
Volume Module:												
Base Vol:	16	108	0	0	123	86	172	0	202	0	0	0
Growth Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Initial Bse:	16	108	0	0	123	86	172	0	202	0	0	0
Added Vol:	0	34	0	0	41	60	48	0	0	0	0	0
PasserByVol:	0	0	0	0	0	0	0	0	0	0	0	0
Initial Fut:	16	142	0	0	164	146	220	0	202	0	0	0
User Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
PHF Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
PHF Volume:	16	142	0	0	164	146	220	0	202	0	0	0
Reduct Vol:	0	0	0	0	0	0	0	0	0	0	0	0
Reduced Vol:	16	142	0	0	164	146	220	0	202	0	0	0
PCE Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
MLF Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
FinalVolume:	16	142	0	0	164	146	220	0	202	0	0	0
Saturation Flow Module:												
Sat/Lane:	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900
Adjustment:	0.92	1.00	0.92	0.92	0.95	0.95	0.92	1.00	0.92	0.92	1.00	0.92
Lanes:	1.00	1.00	0.00	0.00	0.53	0.47	1.00	0.00	1.00	0.00	0.00	0.00
Final Sat.:	1750	1900	0	0	952	848	1750	0	1750	0	0	0
Capacity Analysis Module:												
Vol/Sat:	0.01	0.07	0.00	0.00	0.17	0.17	0.13	0.00	0.12	0.00	0.00	0.00
Crit Moves:	****				****				****			
Green Time:	7.0	33.3	0.0	0.0	26.3	26.3	17.7	0.0	17.7	0.0	0.0	0.0
Volume/Cap:	0.08	0.13	0.00	0.00	0.39	0.39	0.43	0.00	0.39	0.00	0.00	0.00
Delay/Veh:	24.4	6.7	0.0	0.0	12.9	12.9	19.7	0.0	19.1	0.0	0.0	0.0
User DelAdj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
AdjDel/Veh:	24.4	6.7	0.0	0.0	12.9	12.9	19.7	0.0	19.1	0.0	0.0	0.0
LOS by Move:	C	A	A	A	B	B	B-	A	B-	A	A	A
HCM2k95thQ:	1	3	0	0	9	9	8	0	7	0	0	0

Note: Queue reported is the number of cars per lane.

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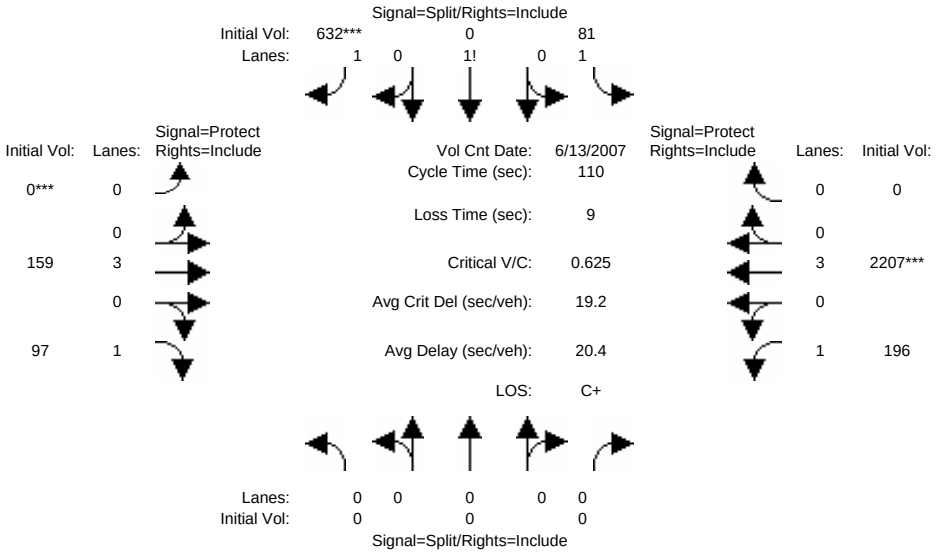
Milpitas Near-Term Cumulative Analysis

Level Of Service Computation Report
2000 HCM Operations (Future Volume Alternative)
Existing AM

Intersection #13: Tasman Dr. & I-880 SB Ramps



Street Name:	I-880 SB Ramps						Tasman Dr.					
Approach:	North Bound			South Bound			East Bound			West Bound		
Movement:	L - T - R			L - T - R			L - T - R			L - T - R		
Min. Green:	0	0	0	10	0	10	7	10	0	7	10	0
Volume Module: >> Count Date: 13 Jun 2007 <<												
Base Vol:	0	0	0	81	0	632	0	159	97	196	2207	0
Growth Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Initial Bse:	0	0	0	81	0	632	0	159	97	196	2207	0
Added Vol:	0	0	0	0	0	0	0	0	0	0	0	0
PasserByVol:	0	0	0	0	0	0	0	0	0	0	0	0
Initial Fut:	0	0	0	81	0	632	0	159	97	196	2207	0
User Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
PHF Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
PHF Volume:	0	0	0	81	0	632	0	159	97	196	2207	0
Reduct Vol:	0	0	0	0	0	0	0	0	0	0	0	0
Reduced Vol:	0	0	0	81	0	632	0	159	97	196	2207	0
PCE Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
MLF Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
FinalVolume:	0	0	0	81	0	632	0	159	97	196	2207	0
Saturation Flow Module:												
Sat/Lane:	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900
Adjustment:	0.92	1.00	0.92	0.92	1.00	0.95	0.92	1.00	0.92	0.92	1.00	0.92
Lanes:	0.00	0.00	0.00	1.12	0.00	1.88	0.00	3.00	1.00	1.00	3.00	0.00
Final Sat.:	0	0	0	1954	0	3390	0	5700	1750	1750	5700	0
Capacity Analysis Module:												
Vol/Sat:	0.00	0.00	0.00	0.04	0.00	0.19	0.00	0.03	0.06	0.11	0.39	0.00
Crit Moves:						****	****				****	
Green Time:	0.0	0.0	0.0	32.8	0.0	32.8	0.0	30.5	30.5	37.6	68.2	0.0
Volume/Cap:	0.00	0.00	0.00	0.14	0.00	0.62	0.00	0.10	0.20	0.33	0.62	0.00
Delay/Veh:	0.0	0.0	0.0	28.3	0.0	35.9	0.0	29.6	31.3	28.3	13.8	0.0
User DelAdj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
AdjDel/Veh:	0.0	0.0	0.0	28.3	0.0	35.9	0.0	29.6	31.3	28.3	13.8	0.0
LOS by Move:	A	A	A	C	A	D+	A	C	C	C	B	A
HCM2k95thQ:	0	0	0	4	0	19	0	3	6	10	26	0

Note: Queue reported is the number of cars per lane.

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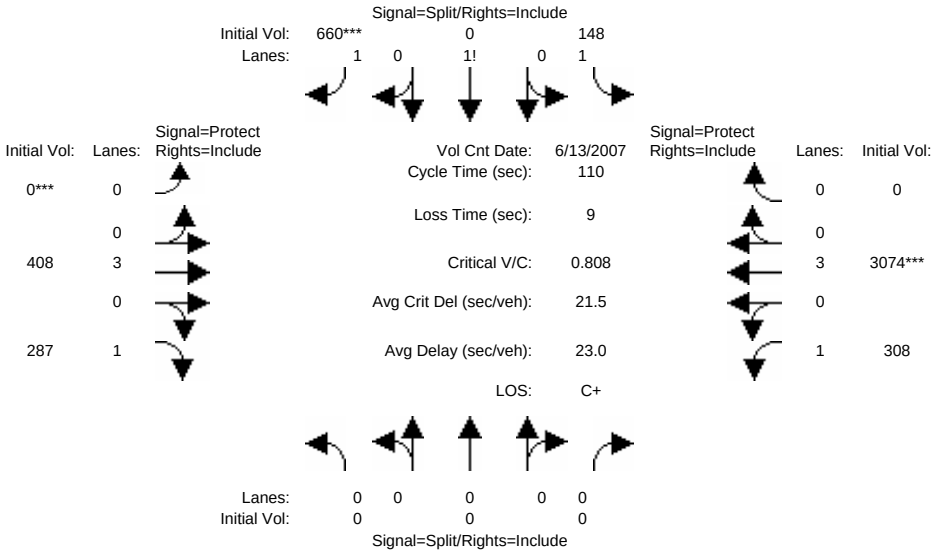
Milpitas Near-Term Cumulative Analysis

Level Of Service Computation Report
2000 HCM Operations (Future Volume Alternative)
Background AM

Intersection #13: Tasman Dr. & I-880 SB Ramps



Street Name:	I-880 SB Ramps						Tasman Dr.					
Approach:	North Bound			South Bound			East Bound			West Bound		
Movement:	L - T - R			L - T - R			L - T - R			L - T - R		
Min. Green:	0	0	0	10	0	10	7	10	0	7	10	0
Volume Module: >> Count Date: 13 Jun 2007 <<												
Base Vol:	0	0	0	81	0	632	0	159	97	196	2207	0
Growth Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Initial Bse:	0	0	0	81	0	632	0	159	97	196	2207	0
Added Vol:	0	0	0	0	0	0	0	0	0	0	0	0
ATI:	0	0	0	67	0	28	0	249	190	112	867	0
Initial Fut:	0	0	0	148	0	660	0	408	287	308	3074	0
User Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
PHF Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
PHF Volume:	0	0	0	148	0	660	0	408	287	308	3074	0
Reduct Vol:	0	0	0	0	0	0	0	0	0	0	0	0
Reduced Vol:	0	0	0	148	0	660	0	408	287	308	3074	0
PCE Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
MLF Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
FinalVolume:	0	0	0	148	0	660	0	408	287	308	3074	0
Saturation Flow Module:												
Sat/Lane:	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900
Adjustment:	0.92	1.00	0.92	0.92	1.00	0.95	0.92	1.00	0.92	0.92	1.00	0.92
Lanes:	0.00	0.00	0.00	1.19	0.00	1.81	0.00	3.00	1.00	1.00	3.00	0.00
Final Sat.:	0	0	0	2078	0	3263	0	5700	1750	1750	5700	0
Capacity Analysis Module:												
Vol/Sat:	0.00	0.00	0.00	0.07	0.00	0.20	0.00	0.07	0.16	0.18	0.54	0.00
Crit Moves:						****	****				****	
Green Time:	0.0	0.0	0.0	27.6	0.0	27.6	0.0	35.4	35.4	38.0	73.4	0.0
Volume/Cap:	0.00	0.00	0.00	0.28	0.00	0.81	0.00	0.22	0.51	0.51	0.81	0.00
Delay/Veh:	0.0	0.0	0.0	33.5	0.0	45.7	0.0	27.5	33.5	31.6	15.1	0.0
User DelAdj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
AdjDel/Veh:	0.0	0.0	0.0	33.5	0.0	45.7	0.0	27.5	33.5	31.6	15.1	0.0
LOS by Move:	A	A	A	C-	A	D	A	C	C-	C	B	A
HCM2k95thQ:	0	0	0	8	0	24	0	7	15	15	37	0

Note: Queue reported is the number of cars per lane.

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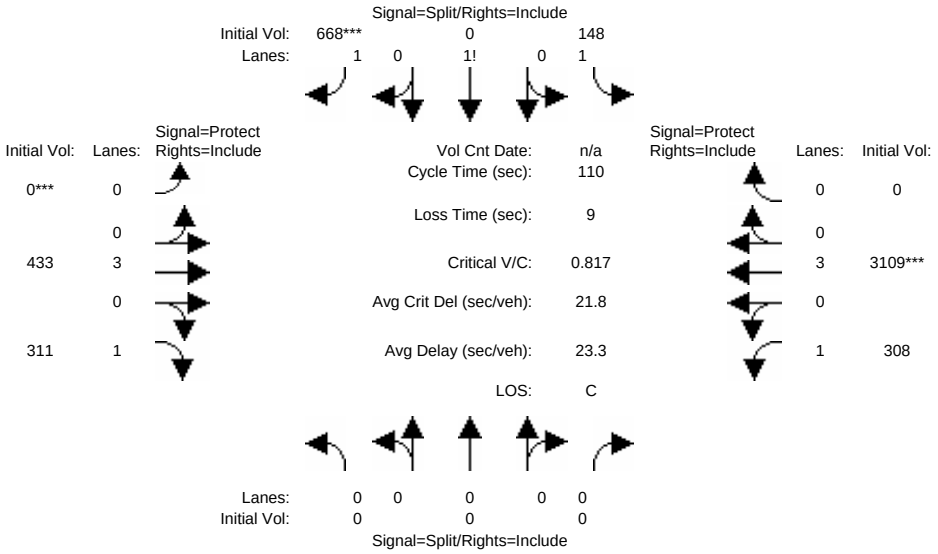
Milpitas Near-Term Cumulative Analysis

Level Of Service Computation Report
2000 HCM Operations (Future Volume Alternative)
Project AM

Intersection #13: Tasman Dr. & I-880 SB Ramps



Street Name:	I-880 SB Ramps						Tasman Dr.					
Approach:	North Bound			South Bound			East Bound			West Bound		
Movement:	L - T - R			L - T - R			L - T - R			L - T - R		
Min. Green:	0	0	0	10	0	10	7	10	0	7	10	0
Volume Module:												
Base Vol:	0	0	0	148	0	660	0	408	287	308	3074	0
Growth Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Initial Bse:	0	0	0	148	0	660	0	408	287	308	3074	0
Added Vol:	0	0	0	0	0	8	0	25	24	0	35	0
PasserByVol:	0	0	0	0	0	0	0	0	0	0	0	0
Initial Fut:	0	0	0	148	0	668	0	433	311	308	3109	0
User Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
PHF Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
PHF Volume:	0	0	0	148	0	668	0	433	311	308	3109	0
Reduct Vol:	0	0	0	0	0	0	0	0	0	0	0	0
Reduced Vol:	0	0	0	148	0	668	0	433	311	308	3109	0
PCE Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
MLF Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
FinalVolume:	0	0	0	148	0	668	0	433	311	308	3109	0
Saturation Flow Module:												
Sat/Lane:	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900
Adjustment:	0.92	1.00	0.92	0.92	1.00	0.95	0.92	1.00	0.92	0.92	1.00	0.92
Lanes:	0.00	0.00	0.00	1.19	0.00	1.81	0.00	3.00	1.00	1.00	3.00	0.00
Final Sat.:	0	0	0	2075	0	3266	0	5700	1750	1750	5700	0
Capacity Analysis Module:												
Vol/Sat:	0.00	0.00	0.00	0.07	0.00	0.20	0.00	0.08	0.18	0.18	0.55	0.00
Crit Moves:						****	****				****	
Green Time:	0.0	0.0	0.0	27.5	0.0	27.5	0.0	36.9	36.9	36.5	73.5	0.0
Volume/Cap:	0.00	0.00	0.00	0.28	0.00	0.82	0.00	0.23	0.53	0.53	0.82	0.00
Delay/Veh:	0.0	0.0	0.0	33.5	0.0	46.2	0.0	26.6	32.9	33.2	15.4	0.0
User DelAdj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
AdjDel/Veh:	0.0	0.0	0.0	33.5	0.0	46.2	0.0	26.6	32.9	33.2	15.4	0.0
LOS by Move:	A	A	A	C-	A	D	A	C	C-	C-	B	A
HCM2k95thQ:	0	0	0	8	0	24	0	7	16	15	38	0

Note: Queue reported is the number of cars per lane.

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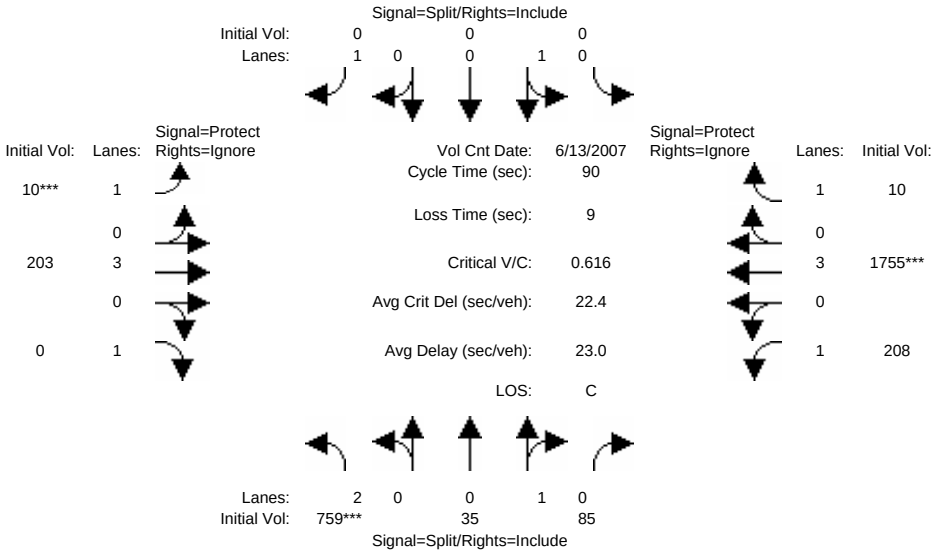
Level Of Service Computation Report
2000 HCM Operations (Future Volume Alternative)
Existing AM

Intersection #14: Great Mall Pkwy. & I-880 NB Ramps



Street Name:	I-880 NB Ramps						Great Mall Pkwy.					
Approach:	North Bound			South Bound			East Bound			West Bound		
Movement:	L - T - R			L - T - R			L - T - R			L - T - R		
Min. Green:	10	10	10	10	10	10	7	10	10	7	10	10
Volume Module: >> Count Date: 13 Jun 2007 <<												
Base Vol:	759	35	85	0	0	0	10	203	0	208	1755	10
Growth Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Initial Bse:	759	35	85	0	0	0	10	203	0	208	1755	10
Added Vol:	0	0	0	0	0	0	0	0	0	0	0	0
PasserByVol:	0	0	0	0	0	0	0	0	0	0	0	0
Initial Fut:	759	35	85	0	0	0	10	203	0	208	1755	10
User Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	0.00	1.00	1.00	0.00
PHF Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	0.00	1.00	1.00	0.00
PHF Volume:	759	35	85	0	0	0	10	203	0	208	1755	0
Reduct Vol:	0	0	0	0	0	0	0	0	0	0	0	0
Reduced Vol:	759	35	85	0	0	0	10	203	0	208	1755	0
PCE Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	0.00	1.00	1.00	0.00
MLF Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	0.00	1.00	1.00	0.00
FinalVolume:	759	35	85	0	0	0	10	203	0	208	1755	0
Saturation Flow Module:												
Sat/Lane:	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900
Adjustment:	0.83	0.95	0.95	0.95	0.95	0.92	0.92	1.00	0.92	0.92	1.00	0.92
Lanes:	2.00	0.29	0.71	0.00	1.00	1.00	1.00	3.00	1.00	1.00	3.00	1.00
Final Sat.:	3150	525	1275	0	1800	1750	1750	5700	1750	1750	5700	1750
Capacity Analysis Module:												
Vol/Sat:	0.24	0.07	0.07	0.00	0.00	0.00	0.01	0.04	0.00	0.12	0.31	0.00
Crit Moves:	****						****				****	
Green Time:	32.5	32.5	32.5	0.0	0.0	0.0	7.0	23.4	0.0	25.1	41.5	0.0
Volume/Cap:	0.67	0.18	0.18	0.00	0.00	0.00	0.07	0.14	0.00	0.43	0.67	0.00
Delay/Veh:	27.3	20.3	20.3	0.0	0.0	0.0	39.5	25.7	0.0	29.3	20.2	0.0
User DelAdj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
AdjDel/Veh:	27.3	20.3	20.3	0.0	0.0	0.0	39.5	25.7	0.0	29.3	20.2	0.0
LOS by Move:	C	C+	C+	A	A	A	D	C	A	C	C+	A
HCM2k95thQ:	20	5	5	0	0	0	1	3	0	10	21	0

Note: Queue reported is the number of cars per lane.

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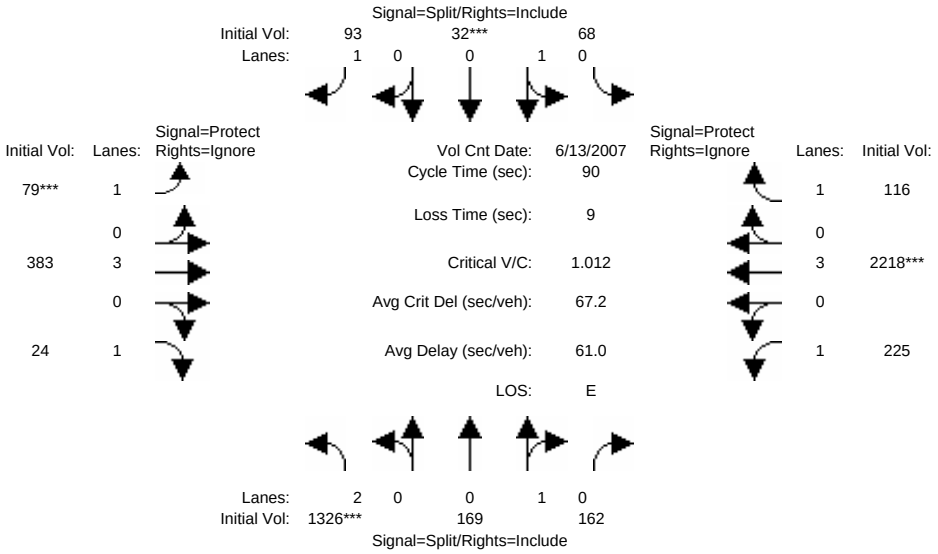
Milpitas Near-Term Cumulative Analysis

Level Of Service Computation Report
2000 HCM Operations (Future Volume Alternative)
Background AM

Intersection #14: Great Mall Pkwy. & I-880 NB Ramps



Street Name:	I-880 NB Ramps						Great Mall Pkwy.					
Approach:	North Bound			South Bound			East Bound			West Bound		
Movement:	L - T - R			L - T - R			L - T - R			L - T - R		
Min. Green:	10	10	10	10	10	10	7	10	10	7	10	10
Volume Module: >> Count Date: 13 Jun 2007 <<												
Base Vol:	759	35	85	0	0	0	10	203	0	208	1755	10
Growth Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Initial Bse:	759	35	85	0	0	0	10	203	0	208	1755	10
Added Vol:	0	0	0	0	0	0	0	0	0	0	0	0
ATI:	567	134	77	68	32	93	69	180	24	17	463	106
Initial Fut:	1326	169	162	68	32	93	79	383	24	225	2218	116
User Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	0.00	1.00	1.00	0.00
PHF Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	0.00	1.00	1.00	0.00
PHF Volume:	1326	169	162	68	32	93	79	383	0	225	2218	0
Reduct Vol:	0	0	0	0	0	0	0	0	0	0	0	0
Reduced Vol:	1326	169	162	68	32	93	79	383	0	225	2218	0
PCE Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	0.00	1.00	1.00	0.00
MLF Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	0.00	1.00	1.00	0.00
FinalVolume:	1326	169	162	68	32	93	79	383	0	225	2218	0
Saturation Flow Module:												
Sat/Lane:	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900
Adjustment:	0.83	0.95	0.95	0.95	0.95	0.92	0.92	1.00	0.92	0.92	1.00	0.92
Lanes:	2.00	0.51	0.49	0.68	0.32	1.00	1.00	3.00	1.00	1.00	3.00	1.00
Final Sat.:	3150	919	881	1224	576	1750	1750	5700	1750	1750	5700	1750
Capacity Analysis Module:												
Vol/Sat:	0.42	0.18	0.18	0.06	0.06	0.05	0.05	0.07	0.00	0.13	0.39	0.00
Crit Moves:	****				****		****				****	
Green Time:	36.0	36.0	36.0	4.7	4.7	4.7	7.0	18.7	0.0	21.6	33.3	0.0
Volume/Cap:	1.05	0.46	0.46	1.05	1.05	1.01	0.58	0.32	0.00	0.54	1.05	0.00
Delay/Veh:	67.5	22.0	22.0	150.0	150	138.2	56.9	31.0	0.0	34.7	63.6	0.0
User DelAdj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
AdjDel/Veh:	67.5	22.0	22.0	150.0	150	138.2	56.9	31.0	0.0	34.7	63.6	0.0
LOS by Move:	E	C+	C+	F	F	F	E+	C	A	C-	E	A
HCM2k95thQ:	53	13	13	12	12	12	5	6	0	11	44	0

Note: Queue reported is the number of cars per lane.

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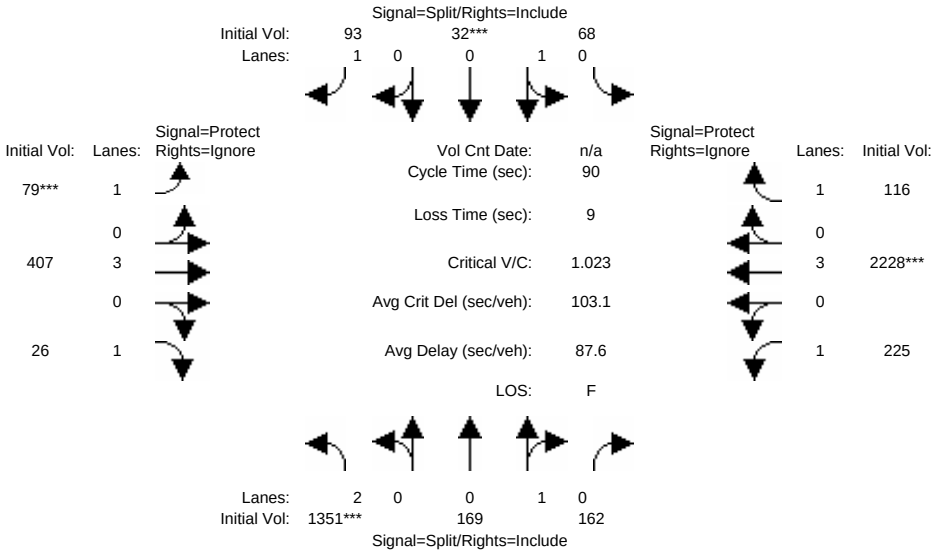
Level Of Service Computation Report
2000 HCM Operations (Future Volume Alternative)
Project AM

Intersection #14: Great Mall Pkwy. & I-880 NB Ramps



Street Name:	I-880 NB Ramps						Great Mall Pkwy.					
Approach:	North Bound			South Bound			East Bound			West Bound		
Movement:	L - T - R			L - T - R			L - T - R			L - T - R		
Min. Green:	10	10	10	10	10	10	7	10	10	7	10	10
Volume Module:												
Base Vol:	1326	169	162	68	32	93	79	383	24	225	2218	116
Growth Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Initial Bse:	1326	169	162	68	32	93	79	383	24	225	2218	116
Added Vol:	25	0	0	0	0	0	0	24	2	0	10	0
PasserByVol:	0	0	0	0	0	0	0	0	0	0	0	0
Initial Fut:	1351	169	162	68	32	93	79	407	26	225	2228	116
User Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	0.00	1.00	1.00	0.00
PHF Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	0.00	1.00	1.00	0.00
PHF Volume:	1351	169	162	68	32	93	79	407	0	225	2228	0
Reduct Vol:	0	0	0	0	0	0	0	0	0	0	0	0
Reduced Vol:	1351	169	162	68	32	93	79	407	0	225	2228	0
PCE Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	0.00	1.00	1.00	0.00
MLF Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	0.00	1.00	1.00	0.00
FinalVolume:	1351	169	162	68	32	93	79	407	0	225	2228	0
Saturation Flow Module:												
Sat/Lane:	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900
Adjustment:	0.83	0.95	0.95	0.95	0.95	0.92	0.92	1.00	0.92	0.92	1.00	0.92
Lanes:	2.00	0.51	0.49	0.68	0.32	1.00	1.00	3.00	1.00	1.00	3.00	1.00
Final Sat.:	3150	919	881	1224	576	1750	1750	5700	1750	1750	5700	1750
Capacity Analysis Module:												
Vol/Sat:	0.43	0.18	0.18	0.06	0.06	0.05	0.05	0.07	0.00	0.13	0.39	0.00
Crit Moves:	****				****		****				****	
Green Time:	33.5	33.5	33.5	10.0	10.0	10.0	7.0	17.4	0.0	20.1	30.5	0.0
Volume/Cap:	1.15	0.49	0.49	0.50	0.50	0.48	0.58	0.37	0.00	0.57	1.15	0.00
Delay/Veh:	107.1	24.3	24.3	46.3	46.3	45.8	56.9	32.5	0.0	37.2	105	0.0
User DelAdj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
AdjDel/Veh:	107.1	24.3	24.3	46.3	46.3	45.8	56.9	32.5	0.0	37.2	105	0.0
LOS by Move:	F	C	C	D	D	D	E+	C-	A	D+	F	A
HCM2k95thQ:	63	14	14	7	7	7	5	7	0	11	53	0

Note: Queue reported is the number of cars per lane.

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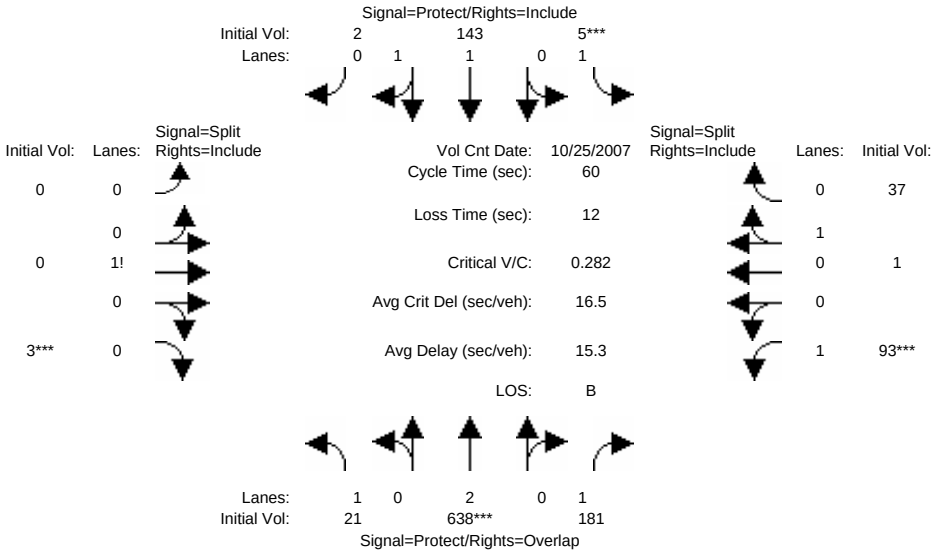
Milpitas Near-Term Cumulative Analysis

Level Of Service Computation Report
2000 HCM Operations (Future Volume Alternative)
Existing AM

Intersection #15: McCarthy Blvd / Barber Ln



Street Name:	McCarthy Blvd						Barber Ln.					
Approach:	North Bound			South Bound			East Bound			West Bound		
Movement:	L -	T -	R	L -	T -	R	L -	T -	R	L -	T -	R
Min. Green:	7	10	10	7	10	10	10	10	10	10	10	10
Volume Module: >> Count Date: 25 Oct 2007 <<												
Base Vol:	21	638	181	5	143	2	0	0	3	93	1	37
Growth Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Initial Bse:	21	638	181	5	143	2	0	0	3	93	1	37
Added Vol:	0	0	0	0	0	0	0	0	0	0	0	0
PasserByVol:	0	0	0	0	0	0	0	0	0	0	0	0
Initial Fut:	21	638	181	5	143	2	0	0	3	93	1	37
User Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
PHF Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
PHF Volume:	21	638	181	5	143	2	0	0	3	93	1	37
Reduct Vol:	0	0	0	0	0	0	0	0	0	0	0	0
Reduced Vol:	21	638	181	5	143	2	0	0	3	93	1	37
PCE Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
MLF Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
FinalVolume:	21	638	181	5	143	2	0	0	3	93	1	37
Saturation Flow Module:												
Sat/Lane:	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900
Adjustment:	0.92	1.00	0.92	0.92	0.97	0.95	0.92	1.00	0.92	0.92	0.95	0.95
Lanes:	1.00	2.00	1.00	1.00	1.97	0.03	0.00	0.00	1.00	1.00	0.03	0.97
Final Sat.:	1750	3800	1750	1750	3649	51	0	0	1750	1750	47	1753
Capacity Analysis Module:												
Vol/Sat:	0.01	0.17	0.10	0.00	0.04	0.04	0.00	0.00	0.00	0.05	0.02	0.02
Crit Moves:		****		****					****	****		
Green Time:	11.5	21.0	31.0	7.0	16.5	16.5	0.0	0.0	10.0	10.0	10.0	10.0
Volume/Cap:	0.06	0.48	0.20	0.02	0.14	0.14	0.00	0.00	0.01	0.32	0.13	0.13
Delay/Veh:	19.9	15.5	7.9	23.5	16.5	16.5	0.0	0.0	20.9	22.6	21.5	21.5
User DelAdj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
AdjDel/Veh:	19.9	15.5	7.9	23.5	16.5	16.5	0.0	0.0	20.9	22.6	21.5	21.5
LOS by Move:	B-	B	A	C	B	B	A	A	C+	C+	C+	C+
HCM2k95thQ:	1	9	4	0	2	2	0	0	0	3	1	1

Note: Queue reported is the number of cars per lane.

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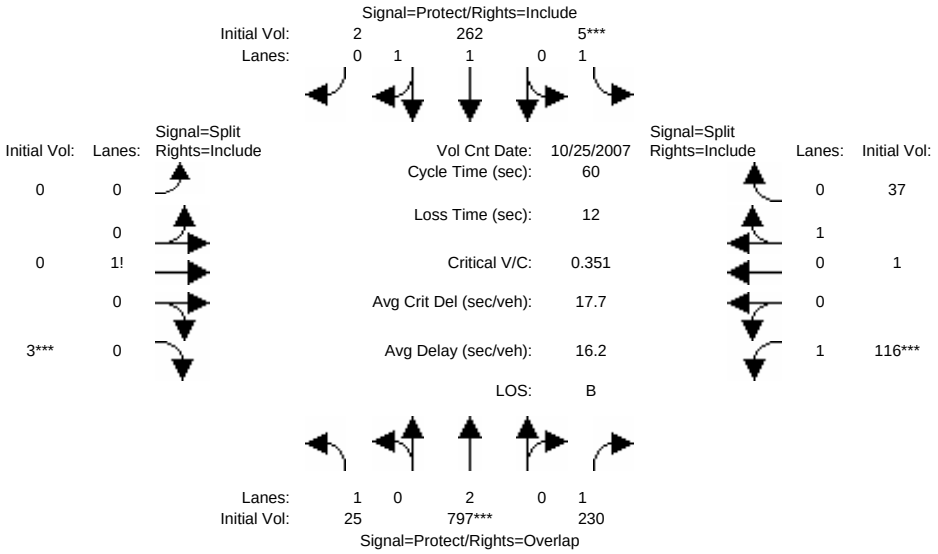
Milpitas Near-Term Cumulative Analysis

Level Of Service Computation Report
2000 HCM Operations (Future Volume Alternative)
Background AM

Intersection #15: McCarthy Blvd / Barber Ln



Street Name:	McCarthy Blvd						Barber Ln.					
Approach:	North Bound			South Bound			East Bound			West Bound		
Movement:	L -	T -	R	L -	T -	R	L -	T -	R	L -	T -	R
Min. Green:	7	10	10	7	10	10	10	10	10	10	10	10
Volume Module: >> Count Date: 25 Oct 2007 <<												
Base Vol:	21	638	181	5	143	2	0	0	3	93	1	37
Growth Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Initial Bse:	21	638	181	5	143	2	0	0	3	93	1	37
Added Vol:	0	0	0	0	0	0	0	0	0	0	0	0
ATI:	4	159	49	0	119	0	0	0	0	23	0	0
Initial Fut:	25	797	230	5	262	2	0	0	3	116	1	37
User Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
PHF Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
PHF Volume:	25	797	230	5	262	2	0	0	3	116	1	37
Reduct Vol:	0	0	0	0	0	0	0	0	0	0	0	0
Reduced Vol:	25	797	230	5	262	2	0	0	3	116	1	37
PCE Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
MLF Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
FinalVolume:	25	797	230	5	262	2	0	0	3	116	1	37
Saturation Flow Module:												
Sat/Lane:	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900
Adjustment:	0.92	1.00	0.92	0.92	0.97	0.95	0.92	1.00	0.92	0.92	0.95	0.95
Lanes:	1.00	2.00	1.00	1.00	1.98	0.02	0.00	0.00	1.00	1.00	0.03	0.97
Final Sat.:	1750	3800	1750	1750	3672	28	0	0	1750	1750	47	1753
Capacity Analysis Module:												
Vol/Sat:	0.01	0.21	0.13	0.00	0.07	0.07	0.00	0.00	0.00	0.07	0.02	0.02
Crit Moves:		****		****					****	****		
Green Time:	11.5	21.0	31.0	7.0	16.5	16.5	0.0	0.0	10.0	10.0	10.0	10.0
Volume/Cap:	0.07	0.60	0.25	0.02	0.26	0.26	0.00	0.00	0.01	0.40	0.13	0.13
Delay/Veh:	20.0	16.8	8.2	23.5	17.1	17.1	0.0	0.0	20.9	23.2	21.5	21.5
User DelAdj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
AdjDel/Veh:	20.0	16.8	8.2	23.5	17.1	17.1	0.0	0.0	20.9	23.2	21.5	21.5
LOS by Move:	B-	B	A	C	B	B	A	A	C+	C	C+	C+
HCM2k95thQ:	1	11	5	0	4	4	0	0	0	4	1	1

Note: Queue reported is the number of cars per lane.

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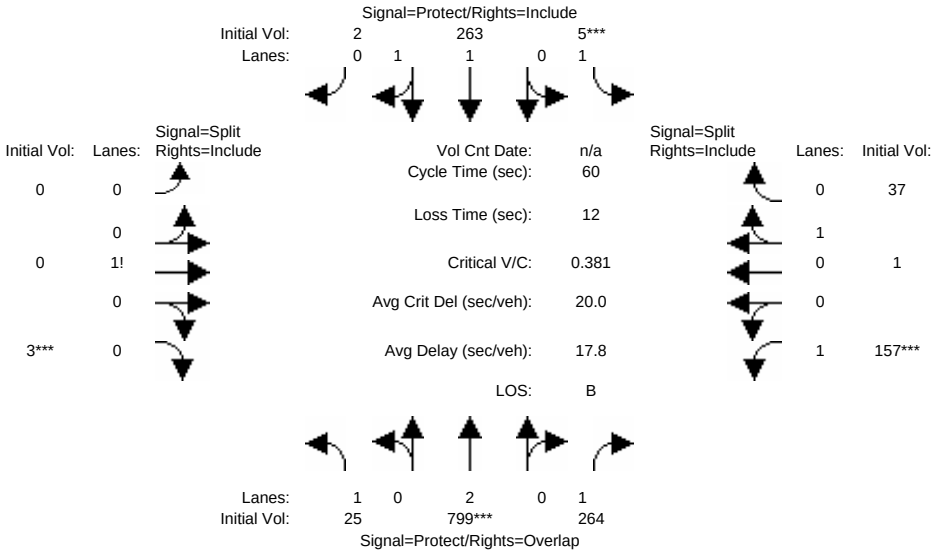
Milpitas Near-Term Cumulative Analysis

Level Of Service Computation Report
2000 HCM Operations (Future Volume Alternative)
Project AM

Intersection #15: McCarthy Blvd / Barber Ln



Street Name:	McCarthy Blvd						Barber Ln.					
Approach:	North Bound			South Bound			East Bound			West Bound		
Movement:	L -	T -	R	L -	T -	R	L -	T -	R	L -	T -	R
Min. Green:	7	10	10	7	10	10	10	10	10	10	10	10
Volume Module:												
Base Vol:	25	797	230	5	262	2	0	0	3	116	1	37
Growth Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Initial Bse:	25	797	230	5	262	2	0	0	3	116	1	37
Added Vol:	0	2	34	0	1	0	0	0	0	41	0	0
PasserByVol:	0	0	0	0	0	0	0	0	0	0	0	0
Initial Fut:	25	799	264	5	263	2	0	0	3	157	1	37
User Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
PHF Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
PHF Volume:	25	799	264	5	263	2	0	0	3	157	1	37
Reduct Vol:	0	0	0	0	0	0	0	0	0	0	0	0
Reduced Vol:	25	799	264	5	263	2	0	0	3	157	1	37
PCE Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
MLF Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
FinalVolume:	25	799	264	5	263	2	0	0	3	157	1	37
Saturation Flow Module:												
Sat/Lane:	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900
Adjustment:	0.92	1.00	0.92	0.92	0.97	0.95	0.92	1.00	0.92	0.92	0.95	0.95
Lanes:	1.00	2.00	1.00	1.00	1.98	0.02	0.00	0.00	1.00	1.00	0.03	0.97
Final Sat.:	1750	3800	1750	1750	3672	28	0	0	1750	1750	47	1753
Capacity Analysis Module:												
Vol/Sat:	0.01	0.21	0.15	0.00	0.07	0.07	0.00	0.00	0.00	0.09	0.02	0.02
Crit Moves:		****		****					****	****		
Green Time:	11.5	21.0	31.0	7.0	16.5	16.5	0.0	0.0	10.0	10.0	10.0	10.0
Volume/Cap:	0.07	0.60	0.29	0.02	0.26	0.26	0.00	0.00	0.01	0.54	0.13	0.13
Delay/Veh:	20.3	18.1	9.1	23.7	17.6	17.6	0.0	0.0	20.9	29.8	22.2	22.2
User DelAdj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
AdjDel/Veh:	20.3	18.1	9.1	23.7	17.6	17.6	0.0	0.0	20.9	29.8	22.2	22.2
LOS by Move:	C+	B-	A	C	B	B	A	A	C+	C	C+	C+
HCM2k95thQ:	1	11	6	0	4	4	0	0	0	7	2	2

Note: Queue reported is the number of cars per lane.

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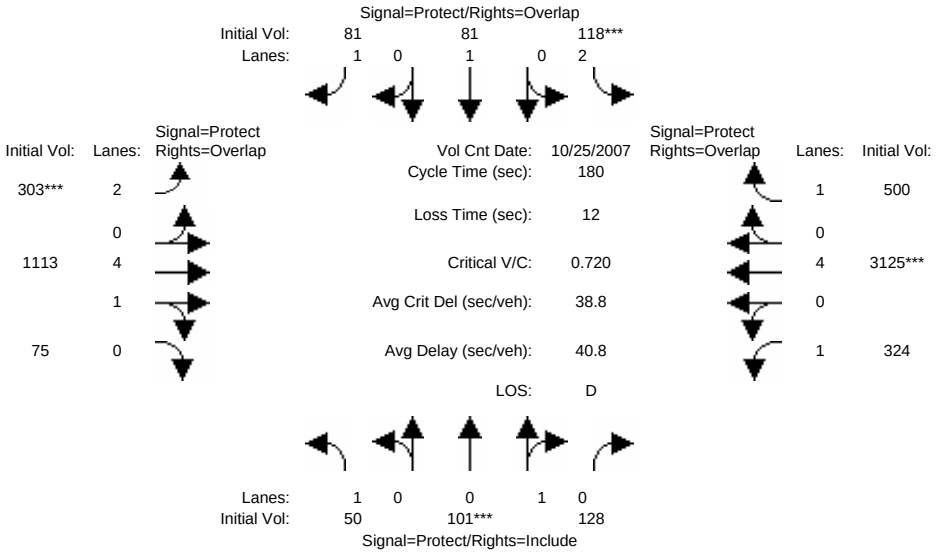
Milpitas Near-Term Cumulative Analysis

Level Of Service Computation Report
2000 HCM Operations (Future Volume Alternative)
Existing AM

Intersection #16: McCarthy Blvd. / Montague Expy. [CMP]



Street Name:	McCarthy Blvd.						Montague Expy.					
Approach:	North Bound			South Bound			East Bound			West Bound		
Movement:	L - T - R			L - T - R			L - T - R			L - T - R		
Min. Green:	7	10	10	7	10	10	7	10	10	7	10	10
Volume Module: >> Count Date: 25 Oct 2007 <<												
Base Vol:	50	101	128	118	81	81	303	1113	75	324	3125	500
Growth Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Initial Bse:	50	101	128	118	81	81	303	1113	75	324	3125	500
Added Vol:	0	0	0	0	0	0	0	0	0	0	0	0
PasserByVol:	0	0	0	0	0	0	0	0	0	0	0	0
Initial Fut:	50	101	128	118	81	81	303	1113	75	324	3125	500
User Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
PHF Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
PHF Volume:	50	101	128	118	81	81	303	1113	75	324	3125	500
Reduct Vol:	0	0	0	0	0	0	0	0	0	0	0	0
Reduced Vol:	50	101	128	118	81	81	303	1113	75	324	3125	500
PCE Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
MLF Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
FinalVolume:	50	101	128	118	81	81	303	1113	75	324	3125	500
Saturation Flow Module:												
Sat/Lane:	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900
Adjustment:	0.92	0.95	0.95	0.83	1.00	0.92	0.83	0.99	0.95	0.92	1.00	0.92
Lanes:	1.00	0.44	0.56	2.00	1.00	1.00	2.00	4.67	0.33	1.00	4.00	1.00
Final Sat.:	1750	794	1006	3150	1900	1750	3150	8805	593	1750	7600	1750
Capacity Analysis Module:												
Vol/Sat:	0.03	0.13	0.13	0.04	0.04	0.05	0.10	0.13	0.13	0.19	0.41	0.29
Crit Moves:		****		****			****				****	
Green Time:	17.0	31.8	31.8	9.4	24.2	48.3	24.0	51.5	68.4	75.4	103	112.2
Volume/Cap:	0.30	0.72	0.72	0.72	0.32	0.17	0.72	0.44	0.33	0.44	0.72	0.46
Delay/Veh:	82.3	87.7	87.7	101.5	78.4	63.1	80.7	52.7	39.6	37.7	28.7	18.2
User DelAdj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
AdjDel/Veh:	82.3	87.7	87.7	101.5	78.4	63.1	80.7	52.7	39.6	37.7	28.7	18.2
LOS by Move:	F	F	F	F	E-	E	F	D-	D	D+	C	B-
HCM2k95thQ:	6	25	25	8	8	8	18	20	19	23	49	27

Note: Queue reported is the number of cars per lane.

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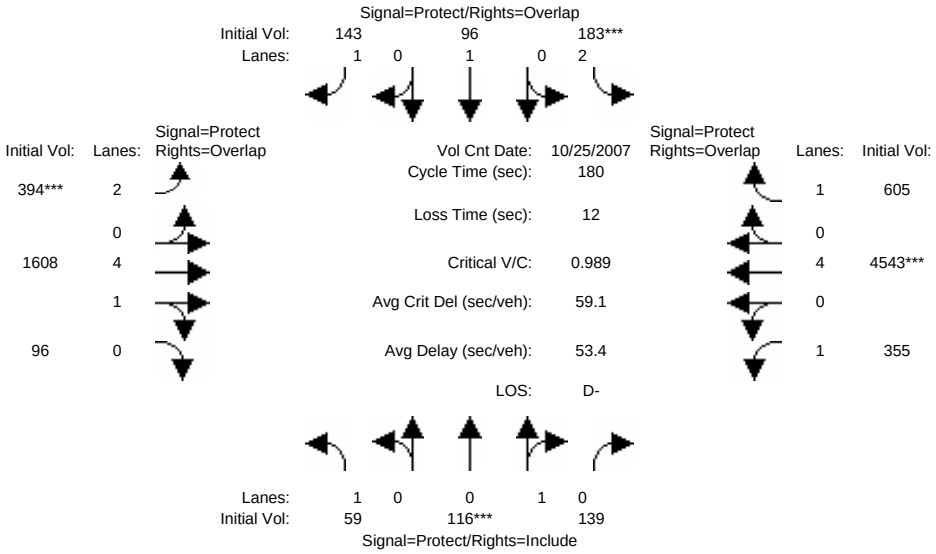
Milpitas Near-Term Cumulative Analysis

Level Of Service Computation Report
2000 HCM Operations (Future Volume Alternative)
Background AM

Intersection #16: McCarthy Blvd. / Montague Expy. [CMP]



Street Name:	McCarthy Blvd.						Montague Expy.					
Approach:	North Bound			South Bound			East Bound			West Bound		
Movement:	L -	T -	R	L -	T -	R	L -	T -	R	L -	T -	R
Min. Green:	7	10	10	7	10	10	7	10	10	7	10	10
Volume Module: >> Count Date: 25 Oct 2007 <<												
Base Vol:	50	101	128	118	81	81	303	1113	75	324	3125	500
Growth Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Initial Bse:	50	101	128	118	81	81	303	1113	75	324	3125	500
Added Vol:	0	0	0	0	0	0	0	0	0	0	0	0
ATI:	9	15	11	65	15	62	91	495	21	31	1418	105
Initial Fut:	59	116	139	183	96	143	394	1608	96	355	4543	605
User Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
PHF Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
PHF Volume:	59	116	139	183	96	143	394	1608	96	355	4543	605
Reduct Vol:	0	0	0	0	0	0	0	0	0	0	0	0
Reduced Vol:	59	116	139	183	96	143	394	1608	96	355	4543	605
PCE Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
MLF Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
FinalVolume:	59	116	139	183	96	143	394	1608	96	355	4543	605
Saturation Flow Module:												
Sat/Lane:	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900
Adjustment:	0.92	0.95	0.95	0.83	1.00	0.92	0.83	0.99	0.95	0.92	1.00	0.92
Lanes:	1.00	0.45	0.55	2.00	1.00	1.00	2.00	4.71	0.29	1.00	4.00	1.00
Final Sat.:	1750	819	981	3150	1900	1750	3150	8869	530	1750	7600	1750
Capacity Analysis Module:												
Vol/Sat:	0.03	0.14	0.14	0.06	0.05	0.08	0.13	0.18	0.18	0.20	0.60	0.35
Crit Moves:		****		****			****				****	
Green Time:	15.0	25.8	25.8	10.6	21.4	44.2	22.8	62.1	77.1	69.5	109	119.4
Volume/Cap:	0.41	0.99	0.99	0.99	0.43	0.33	0.99	0.53	0.42	0.53	0.99	0.52
Delay/Veh:	84.9	138	138.2	150.8	81.5	68.4	120.4	47.3	36.0	43.3	45.7	16.0
User DelAdj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
AdjDel/Veh:	84.9	138	138.2	150.8	81.5	68.4	120.4	47.3	36.0	43.3	45.7	16.0
LOS by Move:	F	F	F	F	F	E	F	D	D+	D	D	B
HCM2k95thQ:	8	33	33	14	10	14	26	28	26	27	100	31

Note: Queue reported is the number of cars per lane.

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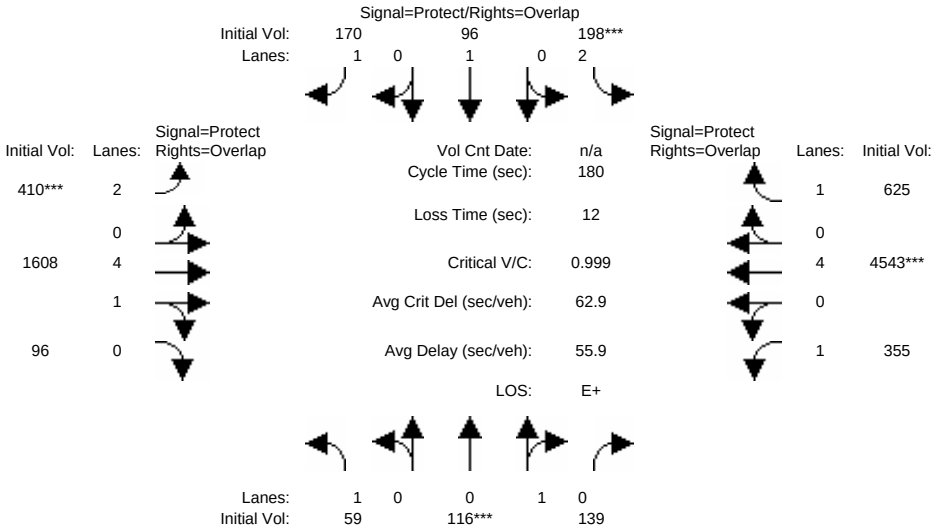
Milpitas Near-Term Cumulative Analysis

Level Of Service Computation Report
2000 HCM Operations (Future Volume Alternative)
Project AM

Intersection #16: McCarthy Blvd. / Montague Expy. [CMP]



Street Name:	McCarthy Blvd.						Montague Expy.					
Approach:	North Bound			South Bound			East Bound			West Bound		
Movement:	L -	T -	R	L -	T -	R	L -	T -	R	L -	T -	R
Min. Green:	7	10	10	7	10	10	7	10	10	7	10	10
Volume Module:												
Base Vol:	59	116	139	183	96	143	394	1608	96	355	4543	605
Growth Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Initial Bse:	59	116	139	183	96	143	394	1608	96	355	4543	605
Added Vol:	0	0	0	15	0	27	16	0	0	0	0	20
PasserByVol:	0	0	0	0	0	0	0	0	0	0	0	0
Initial Fut:	59	116	139	198	96	170	410	1608	96	355	4543	625
User Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
PHF Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
PHF Volume:	59	116	139	198	96	170	410	1608	96	355	4543	625
Reduct Vol:	0	0	0	0	0	0	0	0	0	0	0	0
Reduced Vol:	59	116	139	198	96	170	410	1608	96	355	4543	625
PCE Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
MLF Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
FinalVolume:	59	116	139	198	96	170	410	1608	96	355	4543	625
Saturation Flow Module:												
Sat/Lane:	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900
Adjustment:	0.92	0.95	0.95	0.83	1.00	0.92	0.83	0.99	0.95	0.92	1.00	0.92
Lanes:	1.00	0.45	0.55	2.00	1.00	1.00	2.00	4.71	0.29	1.00	4.00	1.00
Final Sat.:	1750	819	981	3150	1900	1750	3150	8869	530	1750	7600	1750
Capacity Analysis Module:												
Vol/Sat:	0.03	0.14	0.14	0.06	0.05	0.10	0.13	0.18	0.18	0.20	0.60	0.36
Crit Moves:		****		****			****				****	
Green Time:	15.2	25.5	25.5	11.3	21.7	45.1	23.5	61.9	77.1	69.3	108	119.0
Volume/Cap:	0.40	1.00	1.00	1.00	0.42	0.39	1.00	0.53	0.42	0.53	1.00	0.54
Delay/Veh:	84.7	142	141.8	151.7	81.3	69.0	122.4	47.5	36.0	43.5	49.2	16.6
User DelAdj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
AdjDel/Veh:	84.7	142	141.8	151.7	81.3	69.0	122.4	47.5	36.0	43.5	49.2	16.6
LOS by Move:	F	F	F	F	F	E	F	D	D+	D	D	B
HCM2k95thQ:	8	33	33	15	10	17	27	28	26	27	103	32

Note: Queue reported is the number of cars per lane.

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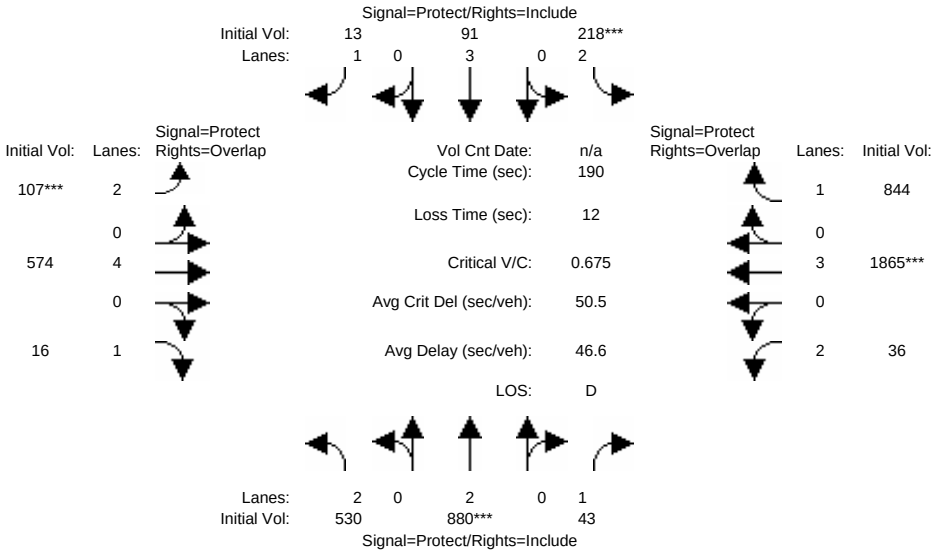
Milpitas Near-Term Cumulative Analysis

Level Of Service Computation Report
2000 HCM Operations (Future Volume Alternative)
Existing AM

Intersection #17: Montague Expy. / Great Mall Pkwy./Capitol Ave. [CMP]



Street Name:	Great Mall Pkwy./Capitol Ave.						Montague Expy.					
Approach:	North Bound			South Bound			East Bound			West Bound		
Movement:	L -	T -	R	L -	T -	R	L -	T -	R	L -	T -	R
Min. Green:	7	10	10	7	10	10	7	95	10	7	95	10
Volume Module:												
Base Vol:	530	880	43	218	91	13	107	574	16	36	1865	844
Growth Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Initial Bse:	530	880	43	218	91	13	107	574	16	36	1865	844
Added Vol:	0	0	0	0	0	0	0	0	0	0	0	0
PasserByVol:	0	0	0	0	0	0	0	0	0	0	0	0
Initial Fut:	530	880	43	218	91	13	107	574	16	36	1865	844
User Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	0.91	1.00
PHF Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
PHF Volume:	530	880	43	218	91	13	107	574	16	36	1697	844
Reduct Vol:	0	0	0	0	0	0	0	0	0	0	0	0
Reduced Vol:	530	880	43	218	91	13	107	574	16	36	1697	844
PCE Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
MLF Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
FinalVolume:	530	880	43	218	91	13	107	574	16	36	1697	844
Saturation Flow Module:												
Sat/Lane:	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900
Adjustment:	0.83	1.00	0.92	0.83	1.00	0.92	0.83	1.00	0.92	0.83	1.00	0.92
Lanes:	2.00	2.00	1.00	2.00	3.00	1.00	2.00	4.00	1.00	2.00	3.00	1.00
Final Sat.:	3150	3800	1750	3150	5700	1750	3150	7600	1750	3150	5700	1750
Capacity Analysis Module:												
Vol/Sat:	0.17	0.23	0.02	0.07	0.02	0.01	0.03	0.08	0.01	0.01	0.30	0.48
Crit Moves:		****		****			****				****	
Green Time:	56.8	57.4	57.4	17.2	17.8	17.8	8.4	96.3	153.1	7.1	95.0	112.2
Volume/Cap:	0.56	0.77	0.08	0.77	0.17	0.08	0.77	0.15	0.01	0.31	0.60	0.82
Delay/Veh:	56.9	63.4	47.5	96.3	79.5	78.9	111.9	25.0	3.6	90.5	34.2	36.0
User DelAdj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
AdjDel/Veh:	56.9	63.4	47.5	96.3	79.5	78.9	111.9	25.0	3.6	90.5	34.2	36.0
LOS by Move:	E+	E	D	F	E-	E-	F	C	A	F	C-	D+
HCM2k95thQ:	26	38	4	15	3	1	8	8	0	2	38	66

Note: Queue reported is the number of cars per lane.

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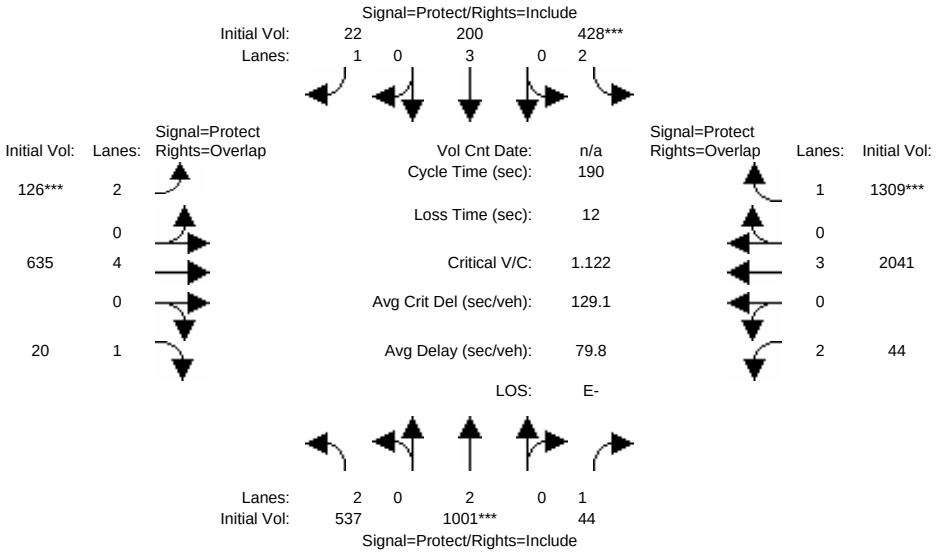
Milpitas Near-Term Cumulative Analysis

Level Of Service Computation Report
2000 HCM Operations (Future Volume Alternative)
Background AM

Intersection #17: Montague Expy. / Great Mall Pkwy./Capitol Ave. [CMP]



Street Name:	Great Mall Pkwy./Capitol Ave.						Montague Expy.					
Approach:	North Bound			South Bound			East Bound			West Bound		
Movement:	L - T - R			L - T - R			L - T - R			L - T - R		
Min. Green:	7	10	10	7	10	10	7	95	10	7	95	10
Volume Module:												
Base Vol:	530	880	43	218	91	13	107	574	16	36	1865	844
Growth Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Initial Bse:	530	880	43	218	91	13	107	574	16	36	1865	844
Added Vol:	0	0	0	0	0	0	0	0	0	0	0	0
ATI:	7	121	1	210	109	9	19	61	4	8	176	465
Initial Fut:	537	1001	44	428	200	22	126	635	20	44	2041	1309
User Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	0.91	1.00
PHF Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
PHF Volume:	537	1001	44	428	200	22	126	635	20	44	1857	1309
Reduct Vol:	0	0	0	0	0	0	0	0	0	0	0	0
Reduced Vol:	537	1001	44	428	200	22	126	635	20	44	1857	1309
PCE Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
MLF Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
FinalVolume:	537	1001	44	428	200	22	126	635	20	44	1857	1309
Saturation Flow Module:												
Sat/Lane:	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900
Adjustment:	0.83	1.00	0.92	0.83	1.00	0.92	0.83	1.00	0.92	0.83	1.00	0.92
Lanes:	2.00	2.00	1.00	2.00	3.00	1.00	2.00	4.00	1.00	2.00	3.00	1.00
Final Sat.:	3150	3800	1750	3150	5700	1750	3150	7600	1750	3150	5700	1750
Capacity Analysis Module:												
Vol/Sat:	0.17	0.26	0.03	0.14	0.04	0.01	0.04	0.08	0.01	0.01	0.33	0.75
Crit Moves:		****		****			****					****
Green Time:	51.6	44.5	44.5	23.0	15.9	15.9	7.0	103	154.5	7.6	103	126.5
Volume/Cap:	0.63	1.12	0.11	1.12	0.42	0.15	1.09	0.15	0.01	0.35	0.60	1.12
Delay/Veh:	62.3	143	57.2	167.6	83.2	81.2	199.9	21.8	3.4	90.5	29.5	99.1
User DelAdj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
AdjDel/Veh:	62.3	143	57.2	167.6	83.2	81.2	199.9	21.8	3.4	90.5	29.5	99.1
LOS by Move:	E	F	E+	F	F	F	F	C+	A	F	C	F
HCM2kAvgQ:	16	37	2	20	4	1	6	4	0	1	24	103

Note: Queue reported is the number of cars per lane.

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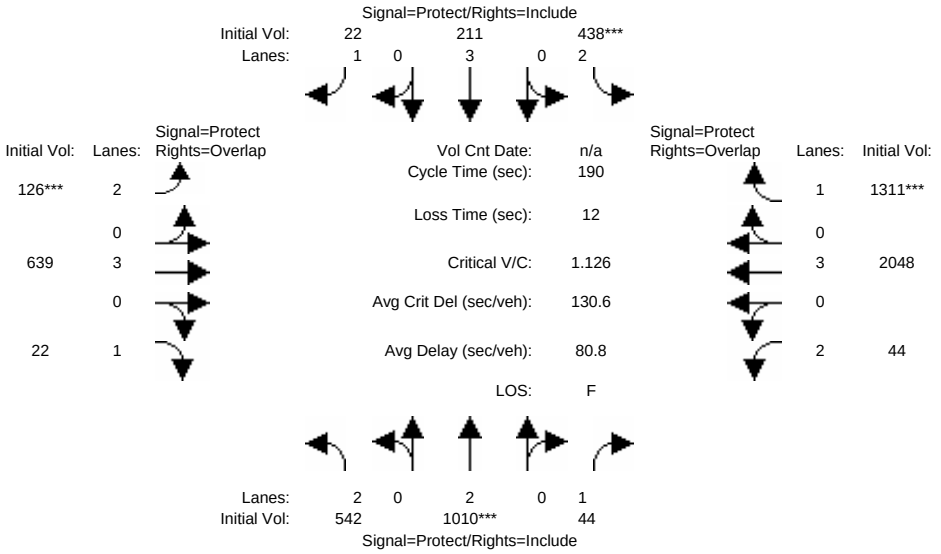
Milpitas Near-Term Cumulative Analysis

Level Of Service Computation Report
2000 HCM Operations (Future Volume Alternative)
Project AM

Intersection #17: Montague Expy. / Great Mall Pkwy./Capitol Ave. [CMP]



Street Name:	Great Mall Pkwy./Capitol Ave.						Montague Expy.					
Approach:	North Bound			South Bound			East Bound			West Bound		
Movement:	L - T - R			L - T - R			L - T - R			L - T - R		
Min. Green:	7	10	10	7	10	10	7	95	10	7	95	10
Volume Module:												
Base Vol:	537	1001	44	428	200	22	126	635	20	44	2041	1309
Growth Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Initial Bse:	537	1001	44	428	200	22	126	635	20	44	2041	1309
Added Vol:	5	9	0	10	11	0	0	4	2	0	7	2
PasserByVol:	0	0	0	0	0	0	0	0	0	0	0	0
Initial Fut:	542	1010	44	438	211	22	126	639	22	44	2048	1311
User Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	0.91	1.00
PHF Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
PHF Volume:	542	1010	44	438	211	22	126	639	22	44	1864	1311
Reduct Vol:	0	0	0	0	0	0	0	0	0	0	0	0
Reduced Vol:	542	1010	44	438	211	22	126	639	22	44	1864	1311
PCE Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
MLF Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
FinalVolume:	542	1010	44	438	211	22	126	639	22	44	1864	1311
Saturation Flow Module:												
Sat/Lane:	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900
Adjustment:	0.83	1.00	0.92	0.83	1.00	0.92	0.83	1.00	0.92	0.83	1.00	0.92
Lanes:	2.00	2.00	1.00	2.00	3.00	1.00	2.00	3.00	1.00	2.00	3.00	1.00
Final Sat.:	3150	3800	1750	3150	5700	1750	3150	5700	1750	3150	5700	1750
Capacity Analysis Module:												
Vol/Sat:	0.17	0.27	0.03	0.14	0.04	0.01	0.04	0.11	0.01	0.01	0.33	0.75
Crit Moves:		****		****			****					****
Green Time:	52.2	44.8	44.8	23.4	16.0	16.0	7.0	102	154.5	7.5	103	126.2
Volume/Cap:	0.63	1.13	0.11	1.13	0.44	0.15	1.09	0.21	0.02	0.35	0.60	1.13
Delay/Veh:	61.8	144	57.0	168.4	83.4	81.2	199.9	22.9	3.4	90.6	30.1	100.8
User DelAdj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
AdjDel/Veh:	61.8	144	57.0	168.4	83.4	81.2	199.9	22.9	3.4	90.6	30.1	100.8
LOS by Move:	E	F	E+	F	F	F	F	C+	A	F	C	F
HCM2kAvgQ:	16	37	2	20	4	1	6	6	0	1	24	103

Note: Queue reported is the number of cars per lane..

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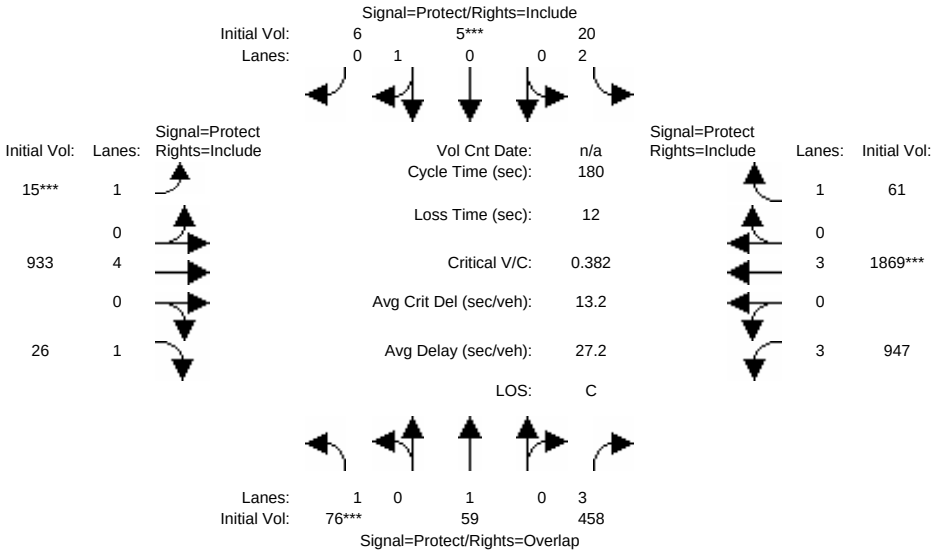
Milpitas Near-Term Cumulative Analysis

Level Of Service Computation Report
2000 HCM Operations (Future Volume Alternative)
Existing AM

Intersection #18: Trimble / Montague Expy [CMP]



Street Name:	Trimble						Montague Expy					
Approach:	North Bound			South Bound			East Bound			West Bound		
Movement:	L -	T -	R	L -	T -	R	L -	T -	R	L -	T -	R
Min. Green:	7	10	10	7	10	10	7	10	10	7	10	10
Volume Module:												
Base Vol:	76	59	458	20	5	6	15	933	26	947	1869	61
Growth Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Initial Bse:	76	59	458	20	5	6	15	933	26	947	1869	61
Added Vol:	0	0	0	0	0	0	0	0	0	0	0	0
PasserByVol:	0	0	0	0	0	0	0	0	0	0	0	0
Initial Fut:	76	59	458	20	5	6	15	933	26	947	1869	61
User Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	0.91	1.00
PHF Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
PHF Volume:	76	59	458	20	5	6	15	933	26	947	1701	61
Reduct Vol:	0	0	0	0	0	0	0	0	0	0	0	0
Reduced Vol:	76	59	458	20	5	6	15	933	26	947	1701	61
PCE Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
MLF Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
FinalVolume:	76	59	458	20	5	6	15	933	26	947	1701	61
Saturation Flow Module:												
Sat/Lane:	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900
Adjustment:	0.92	1.00	0.80	0.83	0.95	0.95	0.92	1.00	0.92	0.80	1.00	0.92
Lanes:	1.00	1.00	3.00	2.00	0.45	0.55	1.00	4.00	1.00	3.00	3.00	1.00
Final Sat.:	1750	1900	4551	3150	818	982	1750	7600	1750	4551	5700	1750
Capacity Analysis Module:												
Vol/Sat:	0.04	0.03	0.10	0.01	0.01	0.01	0.01	0.12	0.01	0.21	0.30	0.03
Crit Moves:	****				****		****				****	
Green Time:	19.2	17.2	104.5	12.0	10.0	10.0	7.0	51.5	51.5	87.3	132	131.8
Volume/Cap:	0.41	0.33	0.17	0.10	0.11	0.11	0.22	0.43	0.05	0.43	0.41	0.05
Delay/Veh:	76.6	77.1	17.6	79.1	81.3	81.3	85.5	52.4	46.6	30.3	9.3	6.7
User DelAdj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
AdjDel/Veh:	76.6	77.1	17.6	79.1	81.3	81.3	85.5	52.4	46.6	30.3	9.3	6.7
LOS by Move:	E-	E-	B	E-	F	F	F	D-	D	C	A	A
HCM2k95thQ:	8	6	9	1	1	1	2	18	2	24	21	2

Note: Queue reported is the number of cars per lane.

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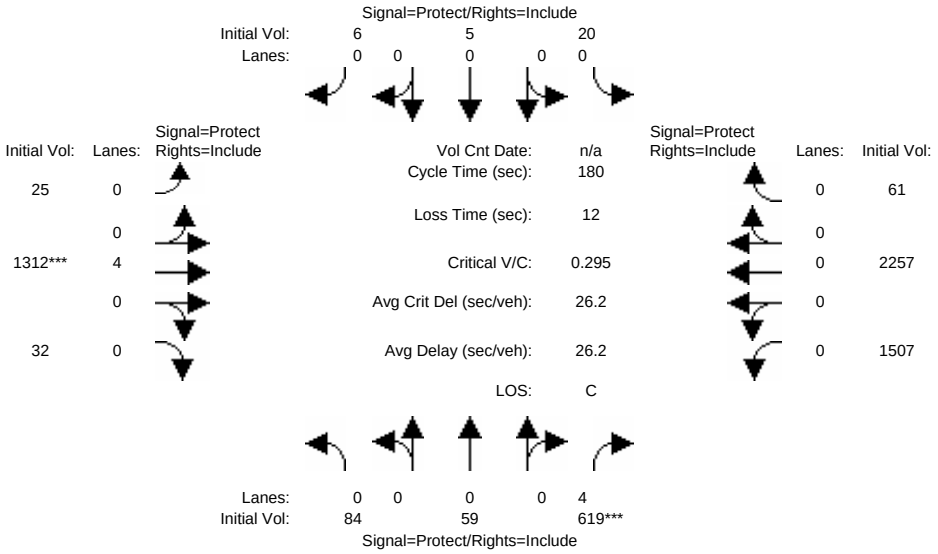
Milpitas Near-Term Cumulative Analysis

Level Of Service Computation Report
2000 HCM Operations (Future Volume Alternative)
Background AM

Intersection #18: Trimble / Montague Expy [CMP]



Street Name:	Trimble						Montague Expy					
Approach:	North Bound			South Bound			East Bound			West Bound		
Movement:	L	T	R	L	T	R	L	T	R	L	T	R
Min. Green:	7	10	10	7	10	10	7	10	10	7	10	10
Volume Module:												
Base Vol:	76	59	458	20	5	6	15	933	26	947	1869	61
Growth Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Initial Bse:	76	59	458	20	5	6	15	933	26	947	1869	61
Added Vol:	0	0	0	0	0	0	0	0	0	0	0	0
ATI:	8	0	161	0	0	0	10	379	6	560	388	0
Initial Fut:	84	59	619	20	5	6	25	1312	32	1507	2257	61
User Adj:	0.00	0.00	1.00	0.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00
PHF Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
PHF Volume:	0	0	619	0	0	0	0	1312	0	0	0	0
Reduct Vol:	0	0	0	0	0	0	0	0	0	0	0	0
Reduced Vol:	0	0	619	0	0	0	0	1312	0	0	0	0
PCE Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
MLF Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
FinalVolume:	0	0	619	0	0	0	0	1312	0	0	0	0
Saturation Flow Module:												
Sat/Lane:	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900
Adjustment:	0.92	1.00	0.83	0.92	0.92	0.92	0.92	0.97	0.92	0.92	0.92	0.92
Lanes:	0.00	0.00	4.00	0.00	1.00	0.00	0.00	4.00	0.00	0.00	1.00	0.00
Final Sat.:	0	0	6301	0	1750	0	0	7400	0	0	1750	0
Capacity Analysis Module:												
Vol/Sat:	0.00	0.00	0.10	0.00	0.00	0.00	0.00	0.18	0.00	0.00	0.00	0.00
Crit Moves:			****					****				
Green Time:	0.0	0.0	59.9	0.0	0.0	0.0	0.0	108	0.0	0.0	0.0	0.0
Volume/Cap:	0.00	0.00	0.30	0.00	0.00	0.00	0.00	0.30	0.00	0.00	0.00	0.00
Delay/Veh:	0.0	0.0	44.5	0.0	0.0	0.0	0.0	17.5	0.0	0.0	0.0	0.0
User DelAdj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
AdjDel/Veh:	0.0	0.0	44.5	0.0	0.0	0.0	0.0	17.5	0.0	0.0	0.0	0.0
LOS by Move:	A	A	D	A	A	A	A	B	A	A	A	A
HCM2kAvgQ:	0	0	7	0	0	0	0	9	0	0	0	0

Note: Queue reported is the number of cars per lane.

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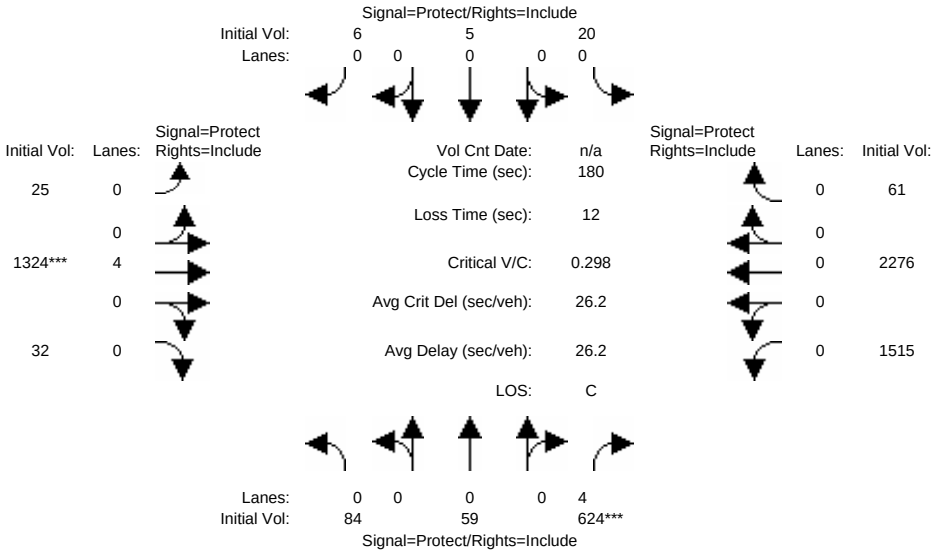
Milpitas Near-Term Cumulative Analysis

Level Of Service Computation Report
2000 HCM Operations (Future Volume Alternative)
Project AM

Intersection #18: Trimble / Montague Expy [CMP]



Street Name:	Trimble						Montague Expy					
Approach:	North Bound			South Bound			East Bound			West Bound		
Movement:	L - T - R			L - T - R			L - T - R			L - T - R		
Min. Green:	7	10	10	7	10	10	7	10	10	7	10	10
Volume Module:												
Base Vol:	84	59	619	20	5	6	25	1312	32	1507	2257	61
Growth Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Initial Bse:	84	59	619	20	5	6	25	1312	32	1507	2257	61
Added Vol:	0	0	5	0	0	0	0	12	0	8	19	0
PasserByVol:	0	0	0	0	0	0	0	0	0	0	0	0
Initial Fut:	84	59	624	20	5	6	25	1324	32	1515	2276	61
User Adj:	0.00	0.00	1.00	0.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00
PHF Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
PHF Volume:	0	0	624	0	0	0	0	1324	0	0	0	0
Reduct Vol:	0	0	0	0	0	0	0	0	0	0	0	0
Reduced Vol:	0	0	624	0	0	0	0	1324	0	0	0	0
PCE Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
MLF Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
FinalVolume:	0	0	624	0	0	0	0	1324	0	0	0	0
Saturation Flow Module:												
Sat/Lane:	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900
Adjustment:	0.92	1.00	0.83	0.92	0.92	0.92	0.92	0.97	0.92	0.92	0.92	0.92
Lanes:	0.00	0.00	4.00	0.00	1.00	0.00	0.00	4.00	0.00	0.00	1.00	0.00
Final Sat.:	0	0	6301	0	1750	0	0	7400	0	0	1750	0
Capacity Analysis Module:												
Vol/Sat:	0.00	0.00	0.10	0.00	0.00	0.00	0.00	0.18	0.00	0.00	0.00	0.00
Crit Moves:			****					****				
Green Time:	0.0	0.0	59.9	0.0	0.0	0.0	0.0	108	0.0	0.0	0.0	0.0
Volume/Cap:	0.00	0.00	0.30	0.00	0.00	0.00	0.00	0.30	0.00	0.00	0.00	0.00
Delay/Veh:	0.0	0.0	44.6	0.0	0.0	0.0	0.0	17.5	0.0	0.0	0.0	0.0
User DelAdj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
AdjDel/Veh:	0.0	0.0	44.6	0.0	0.0	0.0	0.0	17.5	0.0	0.0	0.0	0.0
LOS by Move:	A	A	D	A	A	A	A	B	A	A	A	A
HCM2kAvgQ:	0	0	7	0	0	0	0	9	0	0	0	0

Note: Queue reported is the number of cars per lane.

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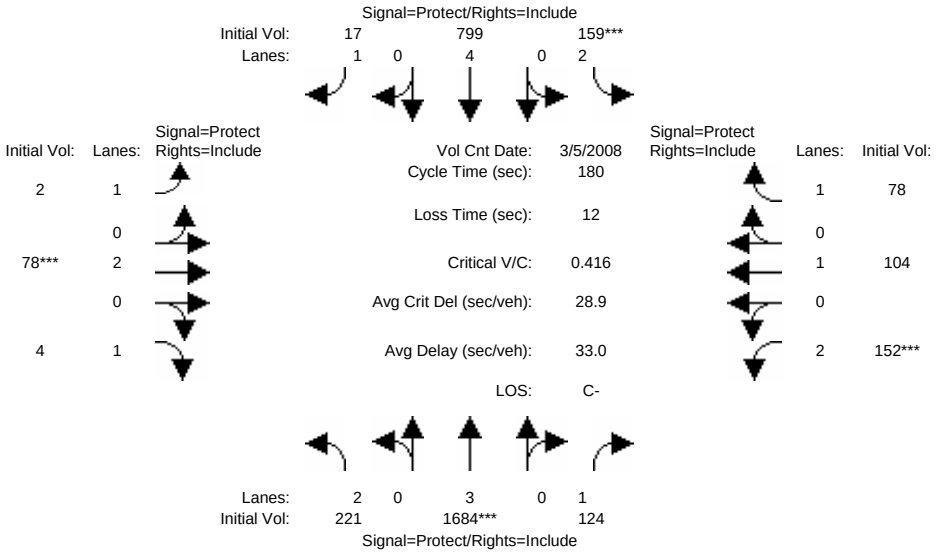
Milpitas Near-Term Cumulative Analysis

Level Of Service Computation Report
2000 HCM Operations (Future Volume Alternative)
Existing AM

Intersection #19: Montague Expy / River Oaks



Street Name:	Montague Expy						River Oaks - E Pulmeria					
Approach:	North Bound			South Bound			East Bound			West Bound		
Movement:	L	T	R	L	T	R	L	T	R	L	T	R
Min. Green:	7	10	10	7	10	10	7	10	10	7	10	10
Volume Module: >> Count Date: 5 Mar 2008 << 8-9												
Base Vol:	221	1684	124	159	799	17	2	78	4	152	104	78
Growth Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Initial Bse:	221	1684	124	159	799	17	2	78	4	152	104	78
Added Vol:	0	0	0	0	0	0	0	0	0	0	0	0
PasserByVol:	0	0	0	0	0	0	0	0	0	0	0	0
Initial Fut:	221	1684	124	159	799	17	2	78	4	152	104	78
User Adj:	1.00	0.91	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
PHF Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
PHF Volume:	221	1532	124	159	799	17	2	78	4	152	104	78
Reduct Vol:	0	0	0	0	0	0	0	0	0	0	0	0
Reduced Vol:	221	1532	124	159	799	17	2	78	4	152	104	78
PCE Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
MLF Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
FinalVolume:	221	1532	124	159	799	17	2	78	4	152	104	78
Saturation Flow Module:												
Sat/Lane:	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900
Adjustment:	0.83	1.00	0.92	0.83	1.00	0.92	0.92	1.00	0.92	0.83	1.00	0.92
Lanes:	2.00	3.00	1.00	2.00	4.00	1.00	1.00	2.00	1.00	2.00	1.00	1.00
Final Sat.:	3150	5700	1750	3150	7600	1750	1750	3800	1750	3150	1900	1750
Capacity Analysis Module:												
Vol/Sat:	0.07	0.27	0.07	0.05	0.11	0.01	0.00	0.02	0.00	0.05	0.05	0.04
Crit Moves:		****		****				****		****		
Green Time:	54.9	116	115.6	21.7	82.3	82.3	12.7	10.0	10.0	20.7	18.1	18.1
Volume/Cap:	0.23	0.42	0.11	0.42	0.23	0.02	0.02	0.37	0.04	0.42	0.54	0.44
Delay/Veh:	47.3	16.1	12.6	76.7	29.8	26.8	78.1	86.9	81.3	77.6	87.8	84.1
User DelAdj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
AdjDel/Veh:	47.3	16.1	12.6	76.7	29.8	26.8	78.1	86.9	81.3	77.6	87.8	84.1
LOS by Move:	D	B	B	E-	C	C	E-	F	F	E-	F	F
HCM2k95thQ:	10	23	6	10	12	1	0	5	1	10	11	9

Note: Queue reported is the number of cars per lane.

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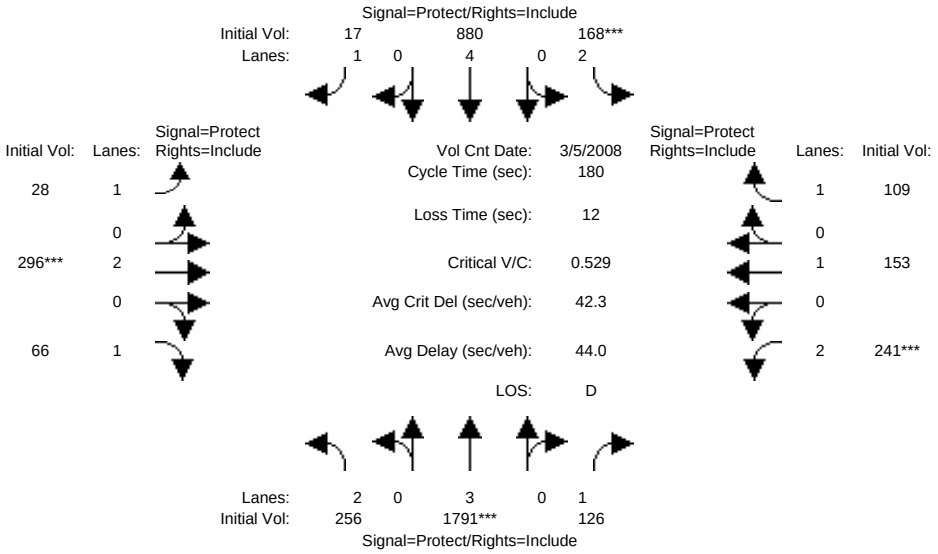
Milpitas Near-Term Cumulative Analysis

Level Of Service Computation Report
2000 HCM Operations (Future Volume Alternative)
Background AM

Intersection #19: Montague Expy / River Oaks



Street Name:	Montague Expy						River Oaks - E Pulmeria					
Approach:	North Bound			South Bound			East Bound			West Bound		
Movement:	L	T	R	L	T	R	L	T	R	L	T	R
Min. Green:	7	10	10	7	10	10	7	10	10	7	10	10
Volume Module: >> Count Date: 5 Mar 2008 << 8-9												
Base Vol:	221	1684	124	159	799	17	2	78	4	152	104	78
Growth Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Initial Bse:	221	1684	124	159	799	17	2	78	4	152	104	78
Added Vol:	0	0	0	0	0	0	0	0	0	0	0	0
ATI:	35	107	2	9	81	0	26	218	62	89	49	31
Initial Fut:	256	1791	126	168	880	17	28	296	66	241	153	109
User Adj:	1.00	0.91	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
PHF Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
PHF Volume:	256	1630	126	168	880	17	28	296	66	241	153	109
Reduct Vol:	0	0	0	0	0	0	0	0	0	0	0	0
Reduced Vol:	256	1630	126	168	880	17	28	296	66	241	153	109
PCE Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
MLF Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
FinalVolume:	256	1630	126	168	880	17	28	296	66	241	153	109
Saturation Flow Module:												
Sat/Lane:	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900
Adjustment:	0.83	1.00	0.92	0.83	1.00	0.92	0.92	1.00	0.92	0.83	1.00	0.92
Lanes:	2.00	3.00	1.00	2.00	4.00	1.00	1.00	2.00	1.00	2.00	1.00	1.00
Final Sat.:	3150	5700	1750	3150	7600	1750	1750	3800	1750	3150	1900	1750
Capacity Analysis Module:												
Vol/Sat:	0.08	0.29	0.07	0.05	0.12	0.01	0.02	0.08	0.04	0.08	0.08	0.06
Crit Moves:		****		****				****		****		
Green Time:	47.6	97.3	97.3	18.1	67.8	67.8	17.1	26.5	26.5	26.0	35.4	35.4
Volume/Cap:	0.31	0.53	0.13	0.53	0.31	0.03	0.17	0.53	0.26	0.53	0.41	0.32
Delay/Veh:	53.9	27.3	20.8	83.0	39.8	35.4	77.1	74.5	70.4	75.6	66.4	64.3
User DelAdj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
AdjDel/Veh:	53.9	27.3	20.8	83.0	39.8	35.4	77.1	74.5	70.4	75.6	66.4	64.3
LOS by Move:	D-	C	C+	F	D	D+	E-	E	E	E-	E	E
HCM2k95thQ:	12	31	8	10	15	2	4	14	7	14	13	11

Note: Queue reported is the number of cars per lane.

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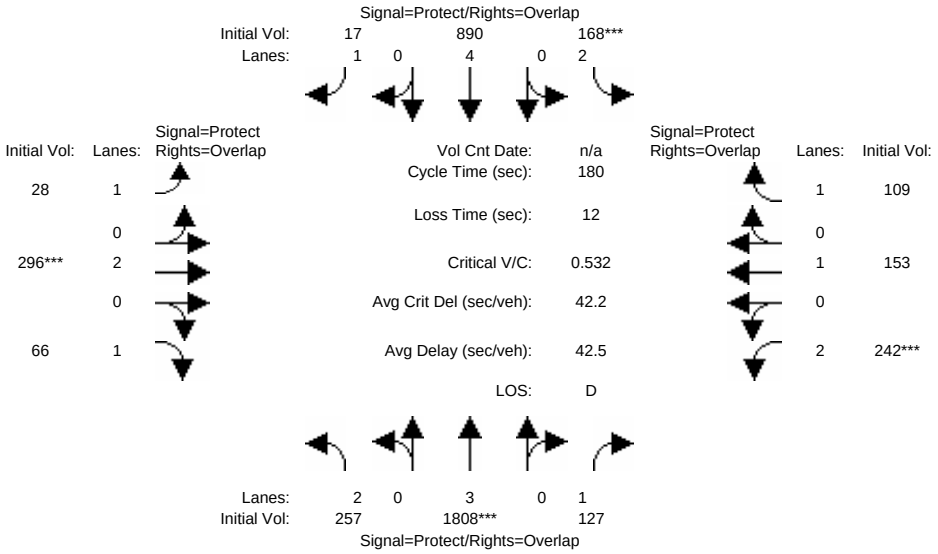
Milpitas Near-Term Cumulative Analysis

Level Of Service Computation Report
2000 HCM Operations (Future Volume Alternative)
Project AM

Intersection #19: Montague Expy / River Oaks



Street Name:	Montague Expy						River Oaks - E Pulmeria					
Approach:	North Bound			South Bound			East Bound			West Bound		
Movement:	L	T	R	L	T	R	L	T	R	L	T	R
Min. Green:	7	10	10	7	10	10	7	10	10	7	10	10
Volume Module:												
Base Vol:	256	1791	126	168	880	17	28	296	66	241	153	109
Growth Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Initial Bse:	256	1791	126	168	880	17	28	296	66	241	153	109
Added Vol:	1	17	1	0	10	0	0	0	0	1	0	0
PasserByVol:	0	0	0	0	0	0	0	0	0	0	0	0
Initial Fut:	257	1808	127	168	890	17	28	296	66	242	153	109
User Adj:	1.00	0.91	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
PHF Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
PHF Volume:	257	1645	127	168	890	17	28	296	66	242	153	109
Reduct Vol:	0	0	0	0	0	0	0	0	0	0	0	0
Reduced Vol:	257	1645	127	168	890	17	28	296	66	242	153	109
PCE Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
MLF Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
FinalVolume:	257	1645	127	168	890	17	28	296	66	242	153	109
Saturation Flow Module:												
Sat/Lane:	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900
Adjustment:	0.83	1.00	0.92	0.83	1.00	0.92	0.92	1.00	0.92	0.83	1.00	0.92
Lanes:	2.00	3.00	1.00	2.00	4.00	1.00	1.00	2.00	1.00	2.00	1.00	1.00
Final Sat.:	3150	5700	1750	3150	7600	1750	1750	3800	1750	3150	1900	1750
Capacity Analysis Module:												
Vol/Sat:	0.08	0.29	0.07	0.05	0.12	0.01	0.02	0.08	0.04	0.08	0.08	0.06
Crit Moves:		****		****				****		****		
Green Time:	47.5	97.6	123.6	18.0	68.2	85.2	17.0	26.3	73.8	26.0	35.3	53.3
Volume/Cap:	0.31	0.53	0.11	0.53	0.31	0.02	0.17	0.53	0.09	0.53	0.41	0.21
Delay/Veh:	54.1	27.2	9.7	83.3	39.6	25.2	77.2	74.7	32.8	75.8	66.6	48.5
User DelAdj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
AdjDel/Veh:	54.1	27.2	9.7	83.3	39.6	25.2	77.2	74.7	32.8	75.8	66.6	48.5
LOS by Move:	D-	C	A	F	D	C	E-	E	C-	E-	E	D
HCM2k95thQ:	12	32	6	10	15	1	4	14	5	14	13	9

Note: Queue reported is the number of cars per lane.

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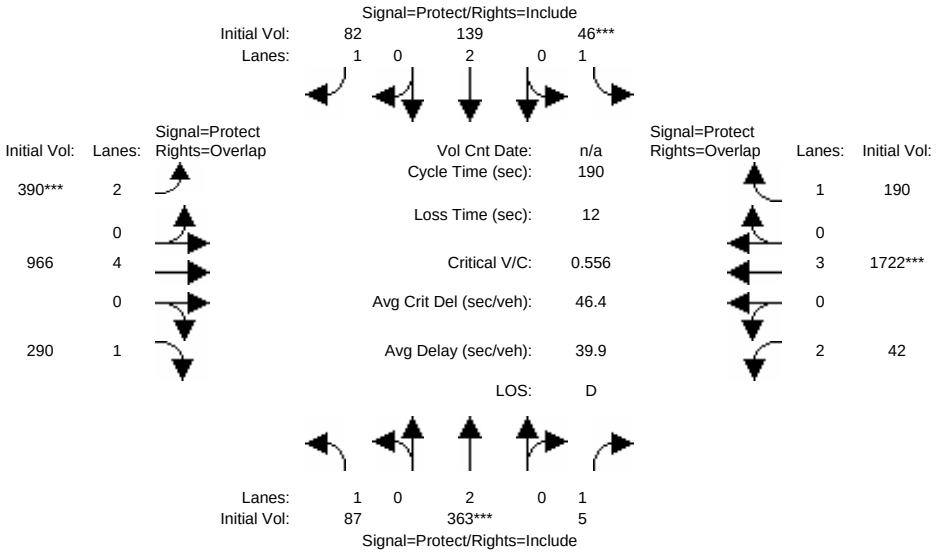
Milpitas Near-Term Cumulative Analysis

Level Of Service Computation Report
2000 HCM Operations (Future Volume Alternative)
Existing AM

Intersection #20: Zanker Rd / Montague Expy [CMP]



Street Name:	Zanker Rd						Montague Expy					
Approach:	North Bound			South Bound			East Bound			West Bound		
Movement:	L - T - R			L - T - R			L - T - R			L - T - R		
Min. Green:	7	10	10	7	10	10	7	10	10	7	10	10
Volume Module:												
Base Vol:	87	363	5	46	139	82	390	966	290	42	1722	190
Growth Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Initial Bse:	87	363	5	46	139	82	390	966	290	42	1722	190
Added Vol:	0	0	0	0	0	0	0	0	0	0	0	0
PasserByVol:	0	0	0	0	0	0	0	0	0	0	0	0
Initial Fut:	87	363	5	46	139	82	390	966	290	42	1722	190
User Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	0.91	1.00
PHF Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
PHF Volume:	87	363	5	46	139	82	390	966	290	42	1567	190
Reduct Vol:	0	0	0	0	0	0	0	0	0	0	0	0
Reduced Vol:	87	363	5	46	139	82	390	966	290	42	1567	190
PCE Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
MLF Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
FinalVolume:	87	363	5	46	139	82	390	966	290	42	1567	190
Saturation Flow Module:												
Sat/Lane:	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900
Adjustment:	0.92	1.00	0.92	0.92	1.00	0.92	0.83	1.00	0.92	0.83	1.00	0.92
Lanes:	1.00	2.00	1.00	1.00	2.00	1.00	2.00	4.00	1.00	2.00	3.00	1.00
Final Sat.:	1750	3800	1750	1750	3800	1750	3150	7600	1750	3150	5700	1750
Capacity Analysis Module:												
Vol/Sat:	0.05	0.10	0.00	0.03	0.04	0.05	0.12	0.13	0.17	0.01	0.27	0.11
Crit Moves:		****		****			****				****	
Green Time:	20.2	32.7	32.7	9.0	21.4	21.4	42.3	106	125.9	30.6	94.0	103.0
Volume/Cap:	0.47	0.56	0.02	0.56	0.32	0.42	0.56	0.23	0.25	0.08	0.56	0.20
Delay/Veh:	81.7	73.1	65.4	96.6	78.1	79.9	66.5	21.4	13.1	67.8	33.7	22.5
User DelAdj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
AdjDel/Veh:	81.7	73.1	65.4	96.6	78.1	79.9	66.5	21.4	13.1	67.8	33.7	22.5
LOS by Move:	F	E	E	F	E-	E-	E	C+	B	E	C-	C+
HCM2k95thQ:	11	18	1	7	8	10	21	13	14	2	34	11

Note: Queue reported is the number of cars per lane.

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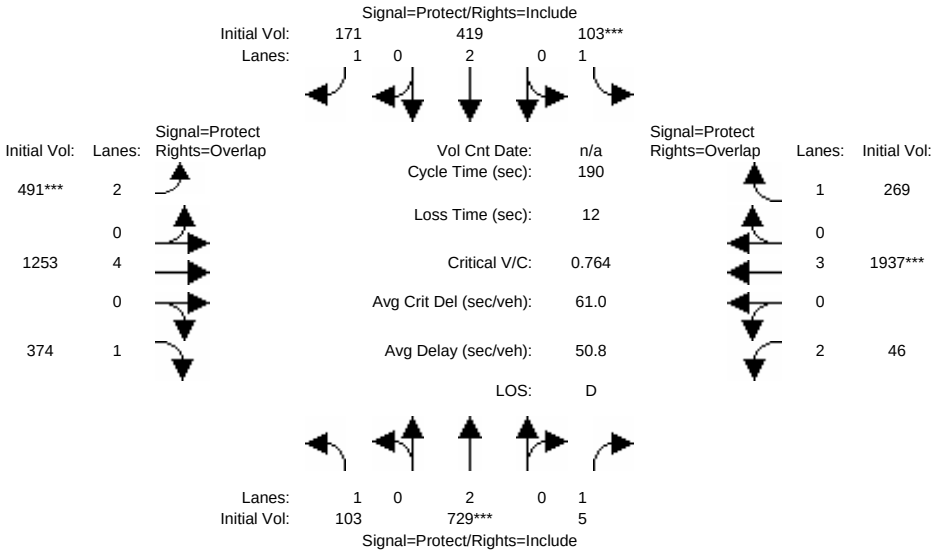
Milpitas Near-Term Cumulative Analysis

Level Of Service Computation Report
2000 HCM Operations (Future Volume Alternative)
Background AM

Intersection #20: Zanker Rd / Montague Expy [CMP]



Street Name:	Zanker Rd						Montague Expy					
Approach:	North Bound			South Bound			East Bound			West Bound		
Movement:	L - T - R			L - T - R			L - T - R			L - T - R		
Min. Green:	7	10	10	7	10	10	7	10	10	7	10	10
Volume Module:												
Base Vol:	87	363	5	46	139	82	390	966	290	42	1722	190
Growth Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Initial Bse:	87	363	5	46	139	82	390	966	290	42	1722	190
Added Vol:	0	0	0	0	0	0	0	0	0	0	0	0
ATI:	16	366	0	57	280	89	101	287	84	4	215	79
Initial Fut:	103	729	5	103	419	171	491	1253	374	46	1937	269
User Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	0.91	1.00
PHF Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
PHF Volume:	103	729	5	103	419	171	491	1253	374	46	1763	269
Reduct Vol:	0	0	0	0	0	0	0	0	0	0	0	0
Reduced Vol:	103	729	5	103	419	171	491	1253	374	46	1763	269
PCE Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
MLF Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
FinalVolume:	103	729	5	103	419	171	491	1253	374	46	1763	269
Saturation Flow Module:												
Sat/Lane:	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900
Adjustment:	0.92	1.00	0.92	0.92	1.00	0.92	0.83	1.00	0.92	0.83	1.00	0.92
Lanes:	1.00	2.00	1.00	1.00	2.00	1.00	2.00	4.00	1.00	2.00	3.00	1.00
Final Sat.:	1750	3800	1750	1750	3800	1750	3150	7600	1750	3150	5700	1750
Capacity Analysis Module:												
Vol/Sat:	0.06	0.19	0.00	0.06	0.11	0.10	0.16	0.16	0.21	0.01	0.31	0.15
Crit Moves:		****		****			****				****	
Green Time:	21.7	47.7	47.7	14.6	40.6	40.6	38.8	94.5	116.2	21.1	76.9	91.5
Volume/Cap:	0.52	0.76	0.01	0.76	0.52	0.46	0.76	0.33	0.35	0.13	0.76	0.32
Delay/Veh:	81.5	69.6	53.4	108.5	66.6	65.9	76.7	28.8	18.4	76.3	50.3	30.4
User DelAdj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
AdjDel/Veh:	81.5	69.6	53.4	108.5	66.6	65.9	76.7	28.8	18.4	76.3	50.3	30.4
LOS by Move:	F	E	D-	F	E	E	E-	C	B-	E-	D	C
HCM2k95thQ:	13	35	0	15	20	17	28	19	20	3	47	18

Note: Queue reported is the number of cars per lane.

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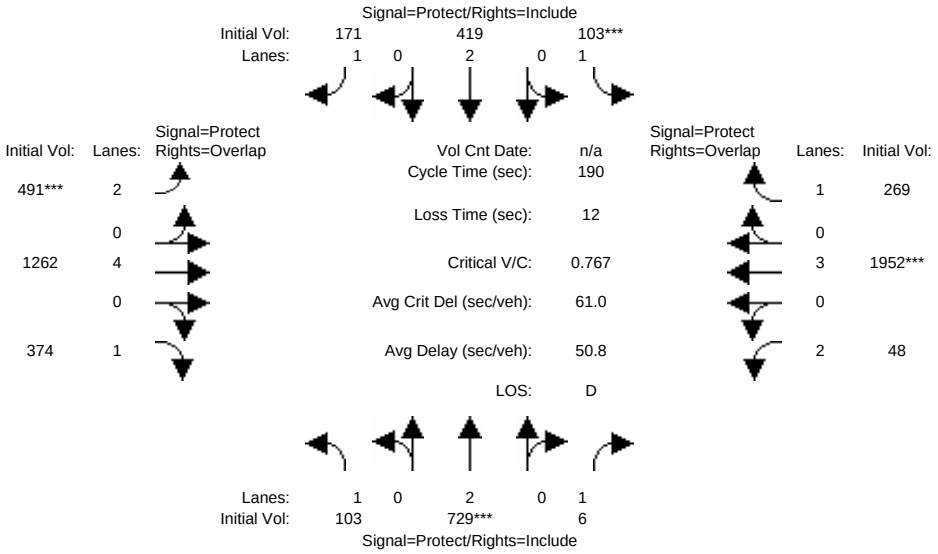
Milpitas Near-Term Cumulative Analysis

Level Of Service Computation Report
2000 HCM Operations (Future Volume Alternative)
Project AM

Intersection #20: Zanker Rd / Montague Expy [CMP]



Street Name:	Zanker Rd						Montague Expy					
Approach:	North Bound			South Bound			East Bound			West Bound		
Movement:	L - T - R			L - T - R			L - T - R			L - T - R		
Min. Green:	7	10	10	7	10	10	7	10	10	7	10	10
Volume Module:												
Base Vol:	103	729	5	103	419	171	491	1253	374	46	1937	269
Growth Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Initial Bse:	103	729	5	103	419	171	491	1253	374	46	1937	269
Added Vol:	0	0	1	0	0	0	0	9	0	2	15	0
PasserByVol:	0	0	0	0	0	0	0	0	0	0	0	0
Initial Fut:	103	729	6	103	419	171	491	1262	374	48	1952	269
User Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	0.91	1.00
PHF Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
PHF Volume:	103	729	6	103	419	171	491	1262	374	48	1776	269
Reduct Vol:	0	0	0	0	0	0	0	0	0	0	0	0
Reduced Vol:	103	729	6	103	419	171	491	1262	374	48	1776	269
PCE Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
MLF Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
FinalVolume:	103	729	6	103	419	171	491	1262	374	48	1776	269
Saturation Flow Module:												
Sat/Lane:	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900
Adjustment:	0.92	1.00	0.92	0.92	1.00	0.92	0.83	1.00	0.92	0.83	1.00	0.92
Lanes:	1.00	2.00	1.00	1.00	2.00	1.00	2.00	4.00	1.00	2.00	3.00	1.00
Final Sat.:	1750	3800	1750	1750	3800	1750	3150	7600	1750	3150	5700	1750
Capacity Analysis Module:												
Vol/Sat:	0.06	0.19	0.00	0.06	0.11	0.10	0.16	0.17	0.21	0.02	0.31	0.15
Crit Moves:		****		****			****				****	
Green Time:	21.6	47.5	47.5	14.6	40.5	40.5	38.6	94.8	116.5	21.0	77.2	91.8
Volume/Cap:	0.52	0.77	0.01	0.77	0.52	0.46	0.77	0.33	0.35	0.14	0.77	0.32
Delay/Veh:	81.6	69.9	53.6	108.9	66.7	66.1	77.0	28.6	18.3	76.5	50.2	30.2
User DelAdj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
AdjDel/Veh:	81.6	69.9	53.6	108.9	66.7	66.1	77.0	28.6	18.3	76.5	50.2	30.2
LOS by Move:	F	E	D-	F	E	E	E-	C	B-	E-	D	C
HCM2k95thQ:	13	35	1	15	20	17	28	19	20	3	48	18

Note: Queue reported is the number of cars per lane.

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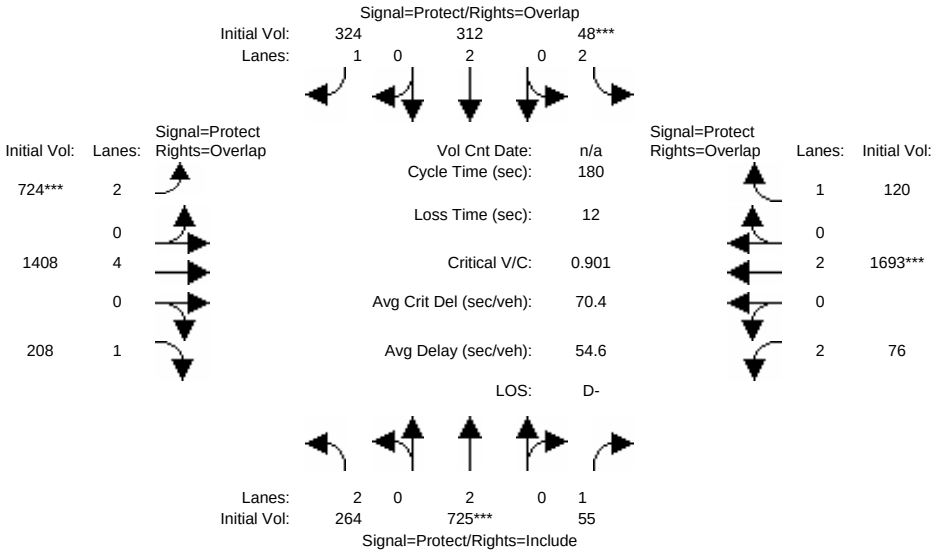
Milpitas Near-Term Cumulative Analysis

Level Of Service Computation Report
2000 HCM Operations (Future Volume Alternative)
Existing AM

Intersection #21: N 1st St / Montague Expy [CMP]



Street Name:	N 1st St						Montague Expy					
Approach:	North Bound			South Bound			East Bound			West Bound		
Movement:	L -	T -	R	L -	T -	R	L -	T -	R	L -	T -	R
Min. Green:	7	10	10	7	10	10	7	10	10	7	10	10
Volume Module:												
Base Vol:	264	725	55	48	312	324	724	1408	208	76	1693	120
Growth Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Initial Bse:	264	725	55	48	312	324	724	1408	208	76	1693	120
Added Vol:	0	0	0	0	0	0	0	0	0	0	0	0
PasserByVol:	0	0	0	0	0	0	0	0	0	0	0	0
Initial Fut:	264	725	55	48	312	324	724	1408	208	76	1693	120
User Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	0.91	1.00
PHF Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
PHF Volume:	264	725	55	48	312	324	724	1408	208	76	1541	120
Reduct Vol:	0	0	0	0	0	0	0	0	0	0	0	0
Reduced Vol:	264	725	55	48	312	324	724	1408	208	76	1541	120
PCE Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
MLF Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
FinalVolume:	264	725	55	48	312	324	724	1408	208	76	1541	120
Saturation Flow Module:												
Sat/Lane:	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900
Adjustment:	0.83	1.00	0.92	0.83	1.00	0.92	0.83	1.00	0.92	0.83	1.00	0.92
Lanes:	2.00	2.00	1.00	2.00	2.00	1.00	2.00	4.00	1.00	2.00	2.00	1.00
Final Sat.:	3150	3800	1750	3150	3800	1750	3150	7600	1750	3150	3800	1750
Capacity Analysis Module:												
Vol/Sat:	0.08	0.19	0.03	0.02	0.08	0.19	0.23	0.19	0.12	0.02	0.41	0.07
Crit Moves:		****		****			****				****	
Green Time:	22.3	37.2	37.2	7.0	21.9	66.7	44.8	102	124.7	21.5	79.0	86.0
Volume/Cap:	0.68	0.92	0.15	0.39	0.68	0.50	0.92	0.33	0.17	0.20	0.92	0.14
Delay/Veh:	80.1	86.5	58.7	86.5	79.6	44.4	82.4	20.6	9.7	71.8	56.7	26.4
User DelAdj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
AdjDel/Veh:	80.1	86.5	58.7	86.5	79.6	44.4	82.4	20.6	9.7	71.8	56.7	26.4
LOS by Move:	F	F	E+	F	E-	D	F	C+	A	E	E+	C
HCM2k95thQ:	17	38	5	4	17	26	41	18	8	4	65	8

Note: Queue reported is the number of cars per lane.

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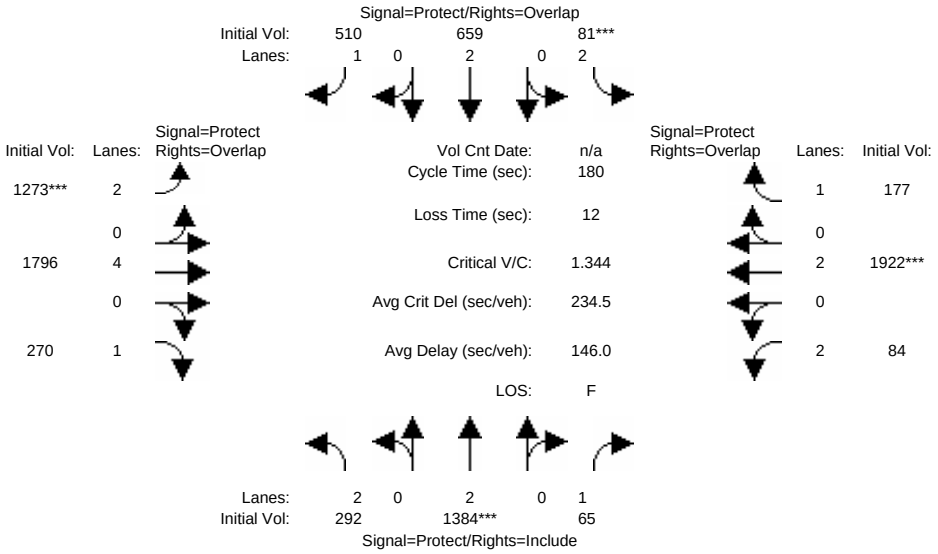
Milpitas Near-Term Cumulative Analysis

Level Of Service Computation Report
2000 HCM Operations (Future Volume Alternative)
Background AM

Intersection #21: N 1st St / Montague Expy [CMP]



Street Name:	N 1st St						Montague Expy					
Approach:	North Bound			South Bound			East Bound			West Bound		
Movement:	L -	T -	R	L -	T -	R	L -	T -	R	L -	T -	R
Min. Green:	7	10	10	7	10	10	7	10	10	7	10	10
Volume Module:												
Base Vol:	264	725	55	48	312	324	724	1408	208	76	1693	120
Growth Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Initial Bse:	264	725	55	48	312	324	724	1408	208	76	1693	120
Added Vol:	0	0	0	0	0	0	0	0	0	0	0	0
ATI:	28	659	10	33	347	186	549	388	62	8	229	57
Initial Fut:	292	1384	65	81	659	510	1273	1796	270	84	1922	177
User Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	0.91	1.00
PHF Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
PHF Volume:	292	1384	65	81	659	510	1273	1796	270	84	1749	177
Reduct Vol:	0	0	0	0	0	0	0	0	0	0	0	0
Reduced Vol:	292	1384	65	81	659	510	1273	1796	270	84	1749	177
PCE Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
MLF Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
FinalVolume:	292	1384	65	81	659	510	1273	1796	270	84	1749	177
Saturation Flow Module:												
Sat/Lane:	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900
Adjustment:	0.83	1.00	0.92	0.83	1.00	0.92	0.83	1.00	0.92	0.83	1.00	0.92
Lanes:	2.00	2.00	1.00	2.00	2.00	1.00	2.00	4.00	1.00	2.00	2.00	1.00
Final Sat.:	3150	3800	1750	3150	3800	1750	3150	7600	1750	3150	3800	1750
Capacity Analysis Module:												
Vol/Sat:	0.09	0.36	0.04	0.03	0.17	0.29	0.40	0.24	0.15	0.03	0.46	0.10
Crit Moves:		****			****			****			****	
Green Time:	19.1	47.7	47.7	7.0	35.7	88.6	53.0	97.3	116.3	16.0	60.3	67.3
Volume/Cap:	0.88	1.37	0.14	0.66	0.88	0.59	1.37	0.44	0.24	0.30	1.37	0.27
Delay/Veh:	101.1	241	50.6	98.0	81.2	33.8	238.5	25.0	13.4	77.4	233	39.5
User DelAdj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
AdjDel/Veh:	101.1	241	50.6	98.0	81.2	33.8	238.5	25.0	13.4	77.4	233	39.5
LOS by Move:	F	F	D	F	F	C-	F	C	B	E-	F	D
HCM2k95thQ:	22	93	6	7	34	36	100	25	12	5	113	13

Note: Queue reported is the number of cars per lane.

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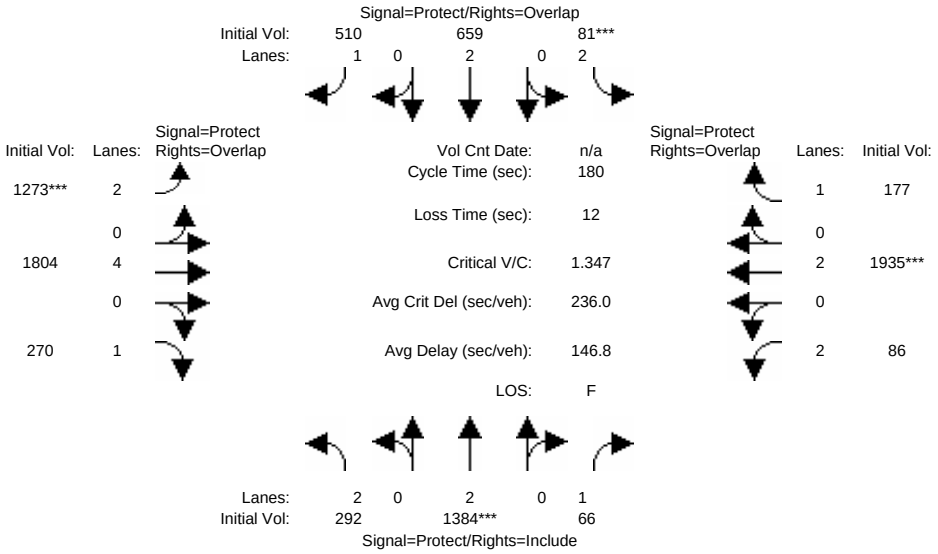
Milpitas Near-Term Cumulative Analysis

Level Of Service Computation Report
2000 HCM Operations (Future Volume Alternative)
Project AM

Intersection #21: N 1st St / Montague Expy [CMP]



Street Name:	N 1st St						Montague Expy					
Approach:	North Bound			South Bound			East Bound			West Bound		
Movement:	L -	T -	R	L -	T -	R	L -	T -	R	L -	T -	R
Min. Green:	7	10	10	7	10	10	7	10	10	7	10	10
Volume Module:												
Base Vol:	292	1384	65	81	659	510	1273	1796	270	84	1922	177
Growth Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Initial Bse:	292	1384	65	81	659	510	1273	1796	270	84	1922	177
Added Vol:	0	0	1	0	0	0	0	8	0	2	13	0
PasserByVol:	0	0	0	0	0	0	0	0	0	0	0	0
Initial Fut:	292	1384	66	81	659	510	1273	1804	270	86	1935	177
User Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	0.91	1.00
PHF Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
PHF Volume:	292	1384	66	81	659	510	1273	1804	270	86	1761	177
Reduct Vol:	0	0	0	0	0	0	0	0	0	0	0	0
Reduced Vol:	292	1384	66	81	659	510	1273	1804	270	86	1761	177
PCE Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
MLF Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
FinalVolume:	292	1384	66	81	659	510	1273	1804	270	86	1761	177
Saturation Flow Module:												
Sat/Lane:	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900
Adjustment:	0.83	1.00	0.92	0.83	1.00	0.92	0.83	1.00	0.92	0.83	1.00	0.92
Lanes:	2.00	2.00	1.00	2.00	2.00	1.00	2.00	4.00	1.00	2.00	2.00	1.00
Final Sat.:	3150	3800	1750	3150	3800	1750	3150	7600	1750	3150	3800	1750
Capacity Analysis Module:												
Vol/Sat:	0.09	0.36	0.04	0.03	0.17	0.29	0.40	0.24	0.15	0.03	0.46	0.10
Crit Moves:		****		****			****				****	
Green Time:	19.0	47.6	47.6	7.0	35.6	88.4	52.8	97.4	116.5	16.0	60.6	67.6
Volume/Cap:	0.88	1.38	0.14	0.66	0.88	0.59	1.38	0.44	0.24	0.31	1.38	0.27
Delay/Veh:	101.5	242	50.7	98.0	81.5	34.0	240.1	24.9	13.4	77.5	234	39.3
User DelAdj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
AdjDel/Veh:	101.5	242	50.7	98.0	81.5	34.0	240.1	24.9	13.4	77.5	234	39.3
LOS by Move:	F	F	D	F	F	C-	F	C	B	E-	F	D
HCM2k95thQ:	22	93	6	7	34	36	100	25	12	5	114	13

Note: Queue reported is the number of cars per lane.

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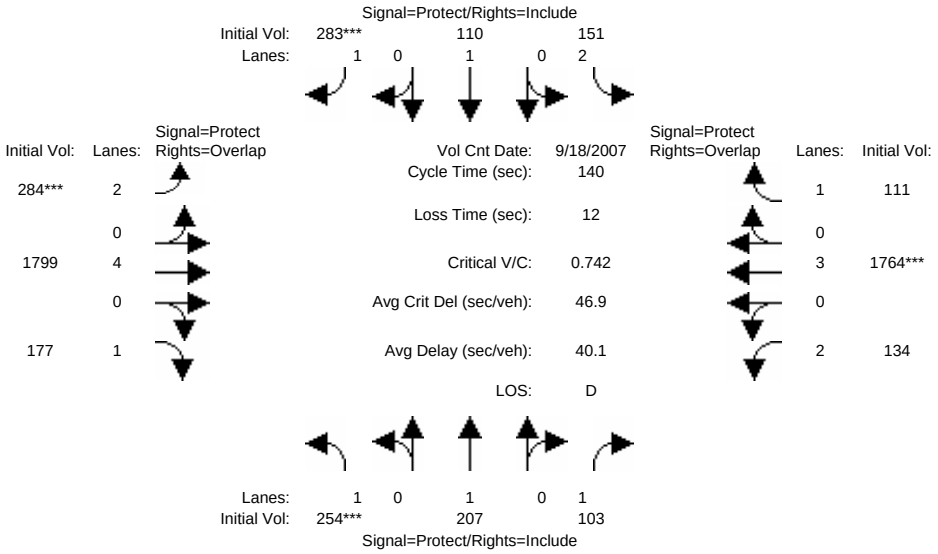
Milpitas Near-Term Cumulative Analysis

Level Of Service Computation Report
2000 HCM Operations (Future Volume Alternative)
Existing AM

Intersection #22: Montague Expy / De la Cruz [CMP]



Street Name:	De la Cruz						Montague Expy					
Approach:	North Bound			South Bound			East Bound			West Bound		
Movement:	L -	T -	R	L -	T -	R	L -	T -	R	L -	T -	R
Min. Green:	7	10	10	7	10	10	7	10	10	7	10	10
Volume Module: >> Count Date: 18 Sep 2007 <<												
Base Vol:	254	207	103	151	110	283	284	1799	177	134	1764	111
Growth Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Initial Bse:	254	207	103	151	110	283	284	1799	177	134	1764	111
Added Vol:	0	0	0	0	0	0	0	0	0	0	0	0
PasserByVol:	0	0	0	0	0	0	0	0	0	0	0	0
Initial Fut:	254	207	103	151	110	283	284	1799	177	134	1764	111
User Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	0.91	1.00
PHF Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
PHF Volume:	254	207	103	151	110	283	284	1799	177	134	1605	111
Reduct Vol:	0	0	0	0	0	0	0	0	0	0	0	0
Reduced Vol:	254	207	103	151	110	283	284	1799	177	134	1605	111
PCE Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
MLF Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
FinalVolume:	254	207	103	151	110	283	284	1799	177	134	1605	111
Saturation Flow Module:												
Sat/Lane:	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900
Adjustment:	0.92	1.00	0.92	0.83	1.00	0.92	0.83	1.00	0.92	0.83	1.00	0.92
Lanes:	1.00	1.00	1.00	2.00	1.00	1.00	2.00	4.00	1.00	2.00	3.00	1.00
Final Sat.:	1750	1900	1750	3150	1900	1750	3150	7600	1750	3150	5700	1750
Capacity Analysis Module:												
Vol/Sat:	0.15	0.11	0.06	0.05	0.06	0.16	0.09	0.24	0.10	0.04	0.28	0.06
Crit Moves:	****					****	****				****	
Green Time:	27.4	39.7	39.7	18.2	30.5	30.5	17.0	57.9	85.3	12.2	53.1	71.3
Volume/Cap:	0.74	0.38	0.21	0.37	0.27	0.74	0.74	0.57	0.17	0.49	0.74	0.12
Delay/Veh:	61.5	40.8	38.4	56.2	45.8	58.7	67.0	31.8	12.0	62.3	38.9	18.0
User DelAdj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
AdjDel/Veh:	61.5	40.8	38.4	56.2	45.8	58.7	67.0	31.8	12.0	62.3	38.9	18.0
LOS by Move:	E	D	D+	E+	D	E+	E	C	B+	E	D+	B-
HCM2k95thQ:	22	14	7	8	8	24	16	26	7	6	32	5

Note: Queue reported is the number of cars per lane.

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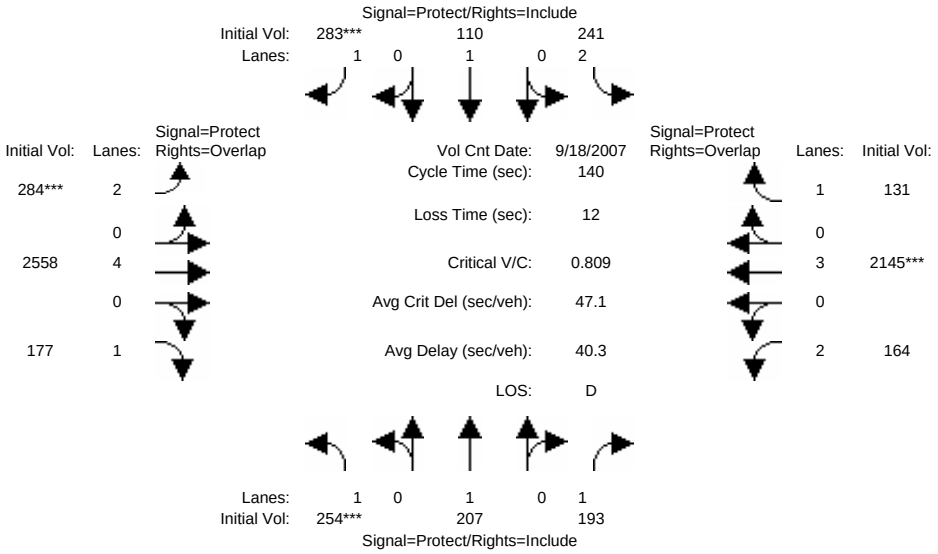
Milpitas Near-Term Cumulative Analysis

Level Of Service Computation Report
2000 HCM Operations (Future Volume Alternative)
Background AM

Intersection #22: Montague Expy / De la Cruz [CMP]



Street Name:	De la Cruz						Montague Expy					
Approach:	North Bound			South Bound			East Bound			West Bound		
Movement:	L -	T -	R	L -	T -	R	L -	T -	R	L -	T -	R
Min. Green:	7	10	10	7	10	10	7	10	10	7	10	10
Volume Module: >> Count Date: 18 Sep 2007 <<												
Base Vol:	254	207	103	151	110	283	284	1799	177	134	1764	111
Growth Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Initial Bse:	254	207	103	151	110	283	284	1799	177	134	1764	111
Added Vol:	0	0	0	0	0	0	0	0	0	0	0	0
ATI:	0	0	90	90	0	0	0	759	0	30	381	20
Initial Fut:	254	207	193	241	110	283	284	2558	177	164	2145	131
User Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	0.91	1.00
PHF Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
PHF Volume:	254	207	193	241	110	283	284	2558	177	164	1952	131
Reduct Vol:	0	0	0	0	0	0	0	0	0	0	0	0
Reduced Vol:	254	207	193	241	110	283	284	2558	177	164	1952	131
PCE Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
MLF Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
FinalVolume:	254	207	193	241	110	283	284	2558	177	164	1952	131
Saturation Flow Module:												
Sat/Lane:	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900
Adjustment:	0.92	1.00	0.92	0.83	1.00	0.92	0.83	1.00	0.92	0.83	1.00	0.92
Lanes:	1.00	1.00	1.00	2.00	1.00	1.00	2.00	4.00	1.00	2.00	3.00	1.00
Final Sat.:	1750	1900	1750	3150	1900	1750	3150	7600	1750	3150	5700	1750
Capacity Analysis Module:												
Vol/Sat:	0.15	0.11	0.11	0.08	0.06	0.16	0.09	0.34	0.10	0.05	0.34	0.07
Crit Moves:	****					****	****				****	
Green Time:	25.1	31.4	31.4	21.8	28.0	28.0	15.6	64.9	90.0	10.0	59.3	81.0
Volume/Cap:	0.81	0.49	0.49	0.49	0.29	0.81	0.81	0.73	0.16	0.73	0.81	0.13
Delay/Veh:	69.5	48.2	48.4	54.9	48.0	66.6	73.8	31.2	10.0	74.9	37.5	13.5
User DelAdj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
AdjDel/Veh:	69.5	48.2	48.4	54.9	48.0	66.6	73.8	31.2	10.0	74.9	37.5	13.5
LOS by Move:	E	D	D	D-	D	E	E	C	B+	E	D+	B
HCM2k95thQ:	24	15	15	12	8	26	17	38	6	8	38	5

Note: Queue reported is the number of cars per lane.

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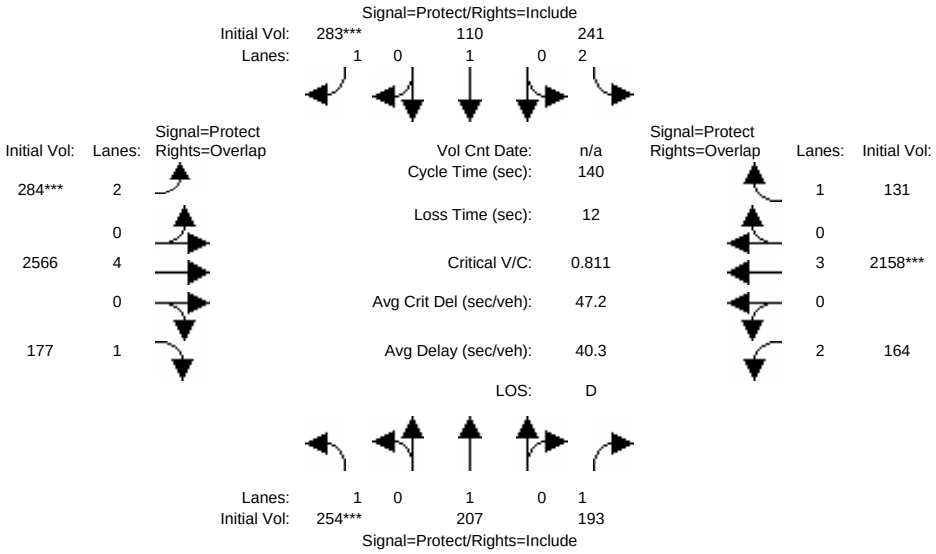
Milpitas Near-Term Cumulative Analysis

Level Of Service Computation Report
2000 HCM Operations (Future Volume Alternative)
Project AM

Intersection #22: Montague Expy / De la Cruz [CMP]



Street Name:	De la Cruz						Montague Expy					
Approach:	North Bound			South Bound			East Bound			West Bound		
Movement:	L - T - R			L - T - R			L - T - R			L - T - R		
Min. Green:	7	10	10	7	10	10	7	10	10	7	10	10
Volume Module:												
Base Vol:	254	207	193	241	110	283	284	2558	177	164	2145	131
Growth Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Initial Bse:	254	207	193	241	110	283	284	2558	177	164	2145	131
Added Vol:	0	0	0	0	0	0	0	8	0	0	13	0
PasserByVol:	0	0	0	0	0	0	0	0	0	0	0	0
Initial Fut:	254	207	193	241	110	283	284	2566	177	164	2158	131
User Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	0.91	1.00
PHF Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
PHF Volume:	254	207	193	241	110	283	284	2566	177	164	1964	131
Reduct Vol:	0	0	0	0	0	0	0	0	0	0	0	0
Reduced Vol:	254	207	193	241	110	283	284	2566	177	164	1964	131
PCE Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
MLF Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
FinalVolume:	254	207	193	241	110	283	284	2566	177	164	1964	131
Saturation Flow Module:												
Sat/Lane:	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900
Adjustment:	0.92	1.00	0.92	0.83	1.00	0.92	0.83	1.00	0.92	0.83	1.00	0.92
Lanes:	1.00	1.00	1.00	2.00	1.00	1.00	2.00	4.00	1.00	2.00	3.00	1.00
Final Sat.:	1750	1900	1750	3150	1900	1750	3150	7600	1750	3150	5700	1750
Capacity Analysis Module:												
Vol/Sat:	0.15	0.11	0.11	0.08	0.06	0.16	0.09	0.34	0.10	0.05	0.34	0.07
Crit Moves:	****					****	****				****	
Green Time:	25.1	31.3	31.3	21.7	27.9	27.9	15.6	65.0	90.1	10.0	59.5	81.2
Volume/Cap:	0.81	0.49	0.49	0.49	0.29	0.81	0.81	0.73	0.16	0.73	0.81	0.13
Delay/Veh:	69.9	48.3	48.4	54.9	48.1	66.9	74.1	31.1	10.0	74.9	37.5	13.4
User DelAdj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
AdjDel/Veh:	69.9	48.3	48.4	54.9	48.1	66.9	74.1	31.1	10.0	74.9	37.5	13.4
LOS by Move:	E	D	D	D-	D	E	E	C	A	E	D+	B
HCM2k95thQ:	24	15	15	12	8	26	17	38	6	8	38	5

Note: Queue reported is the number of cars per lane.

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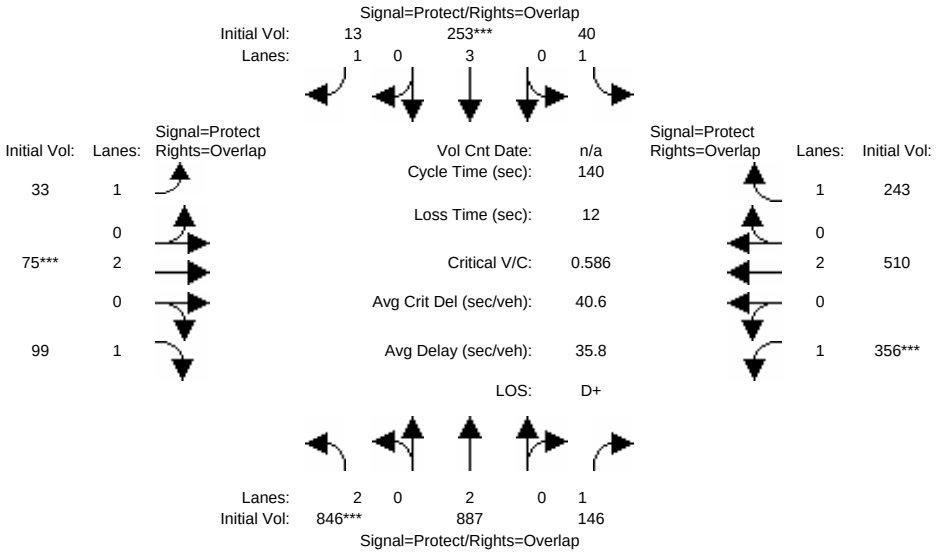
Level Of Service Computation Report
2000 HCM Operations (Future Volume Alternative)
Existing AM

Intersection #23: Capitol/Cropley



Street Name:	Capitol						Cropley					
Approach:	North Bound			South Bound			East Bound			West Bound		
Movement:	L - T - R			L - T - R			L - T - R			L - T - R		
Min. Green:	7	10	10	7	10	10	7	10	10	7	10	10
Volume Module:												
Base Vol:	846	887	146	40	253	13	33	75	99	356	510	243
Growth Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Initial Bse:	846	887	146	40	253	13	33	75	99	356	510	243
Added Vol:	0	0	0	0	0	0	0	0	0	0	0	0
PasserByVol:	0	0	0	0	0	0	0	0	0	0	0	0
Initial Fut:	846	887	146	40	253	13	33	75	99	356	510	243
User Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
PHF Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
PHF Volume:	846	887	146	40	253	13	33	75	99	356	510	243
Reduct Vol:	0	0	0	0	0	0	0	0	0	0	0	0
Reduced Vol:	846	887	146	40	253	13	33	75	99	356	510	243
PCE Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
MLF Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
FinalVolume:	846	887	146	40	253	13	33	75	99	356	510	243
Saturation Flow Module:												
Sat/Lane:	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900
Adjustment:	0.83	1.00	0.92	0.92	1.00	0.92	0.92	1.00	0.92	0.92	1.00	0.92
Lanes:	2.00	2.00	1.00	1.00	3.00	1.00	1.00	2.00	1.00	1.00	2.00	1.00
Final Sat.:	3150	3800	1750	1750	5700	1750	1750	3800	1750	1750	3800	1750
Capacity Analysis Module:												
Vol/Sat:	0.27	0.23	0.08	0.02	0.04	0.01	0.02	0.02	0.06	0.20	0.13	0.14
Crit Moves:	****				****			****		****		
Green Time:	61.4	58.9	105.4	12.6	10.1	25.5	15.3	10.0	71.4	46.5	41.2	53.8
Volume/Cap:	0.61	0.55	0.11	0.25	0.61	0.04	0.17	0.28	0.11	0.61	0.46	0.36
Delay/Veh:	31.0	31.1	4.7	60.2	65.7	47.2	57.0	62.1	17.9	41.1	40.6	31.2
User DelAdj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
AdjDel/Veh:	31.0	31.1	4.7	60.2	65.7	47.2	57.0	62.1	17.9	41.1	40.6	31.2
LOS by Move:	C	C	A	E	E	D	E+	E	B	D	D	C
HCM2k95thQ:	29	25	4	3	7	1	3	4	5	25	17	15

Note: Queue reported is the number of cars per lane.

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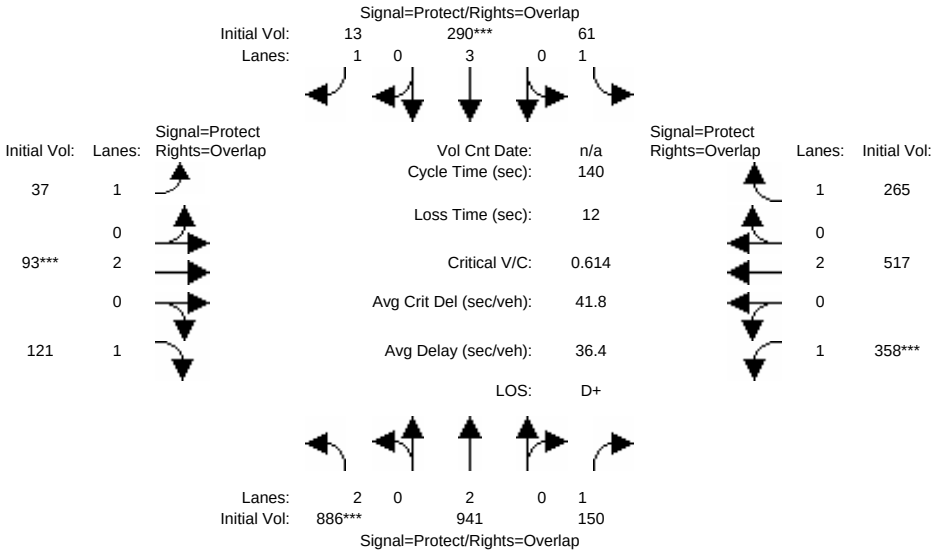
Milpitas Near-Term Cumulative Analysis

Level Of Service Computation Report
2000 HCM Operations (Future Volume Alternative)
Background AM

Intersection #23: Capitol/Cropley



Street Name:	Capitol						Cropley					
Approach:	North Bound			South Bound			East Bound			West Bound		
Movement:	L - T - R			L - T - R			L - T - R			L - T - R		
Min. Green:	7	10	10	7	10	10	7	10	10	7	10	10
Volume Module:												
Base Vol:	846	887	146	40	253	13	33	75	99	356	510	243
Growth Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Initial Bse:	846	887	146	40	253	13	33	75	99	356	510	243
Added Vol:	0	0	0	0	0	0	0	0	0	0	0	0
ATI:	40	54	4	21	37	0	4	18	22	2	7	22
Initial Fut:	886	941	150	61	290	13	37	93	121	358	517	265
User Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
PHF Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
PHF Volume:	886	941	150	61	290	13	37	93	121	358	517	265
Reduct Vol:	0	0	0	0	0	0	0	0	0	0	0	0
Reduced Vol:	886	941	150	61	290	13	37	93	121	358	517	265
PCE Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
MLF Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
FinalVolume:	886	941	150	61	290	13	37	93	121	358	517	265
Saturation Flow Module:												
Sat/Lane:	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900
Adjustment:	0.83	1.00	0.92	0.92	1.00	0.92	0.92	1.00	0.92	0.92	1.00	0.92
Lanes:	2.00	2.00	1.00	1.00	3.00	1.00	1.00	2.00	1.00	1.00	2.00	1.00
Final Sat.:	3150	3800	1750	1750	5700	1750	1750	3800	1750	1750	3800	1750
Capacity Analysis Module:												
Vol/Sat:	0.28	0.25	0.09	0.03	0.05	0.01	0.02	0.02	0.07	0.20	0.14	0.15
Crit Moves:	****				****			****		****		
Green Time:	61.8	60.8	105.7	12.3	11.2	26.0	14.8	10.0	71.8	45.0	40.2	52.5
Volume/Cap:	0.64	0.57	0.11	0.40	0.64	0.04	0.20	0.34	0.13	0.64	0.47	0.40
Delay/Veh:	31.3	30.3	4.6	62.1	65.4	46.8	57.8	62.6	17.9	43.0	41.5	32.7
User DelAdj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
AdjDel/Veh:	31.3	30.3	4.6	62.1	65.4	46.8	57.8	62.6	17.9	43.0	41.5	32.7
LOS by Move:	C	C	A	E	E	D	E+	E	B	D	D	C-
HCM2k95thQ:	31	26	4	5	8	1	3	5	6	26	17	17

Note: Queue reported is the number of cars per lane.

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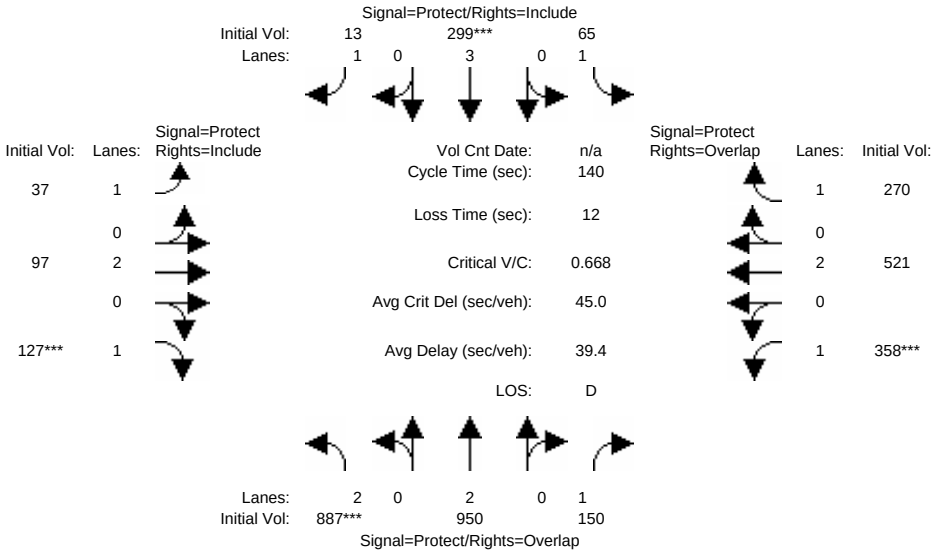
Milpitas Near-Term Cumulative Analysis

Level Of Service Computation Report
2000 HCM Operations (Future Volume Alternative)
Project AM

Intersection #23: Capitol/Cropley



Street Name:	Capitol						Cropley					
Approach:	North Bound			South Bound			East Bound			West Bound		
Movement:	L - T - R			L - T - R			L - T - R			L - T - R		
Min. Green:	7	10	10	7	10	10	7	10	10	7	10	10
Volume Module:												
Base Vol:	886	941	150	61	290	13	37	93	121	358	517	265
Growth Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Initial Bse:	886	941	150	61	290	13	37	93	121	358	517	265
Added Vol:	1	9	0	4	9	0	0	4	6	0	4	5
PasserByVol:	0	0	0	0	0	0	0	0	0	0	0	0
Initial Fut:	887	950	150	65	299	13	37	97	127	358	521	270
User Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
PHF Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
PHF Volume:	887	950	150	65	299	13	37	97	127	358	521	270
Reduct Vol:	0	0	0	0	0	0	0	0	0	0	0	0
Reduced Vol:	887	950	150	65	299	13	37	97	127	358	521	270
PCE Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
MLF Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
FinalVolume:	887	950	150	65	299	13	37	97	127	358	521	270
Saturation Flow Module:												
Sat/Lane:	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900
Adjustment:	0.83	1.00	0.92	0.92	1.00	0.92	0.92	1.00	0.92	0.92	1.00	0.92
Lanes:	2.00	2.00	1.00	1.00	3.00	1.00	1.00	2.00	1.00	1.00	2.00	1.00
Final Sat.:	3150	3800	1750	1750	5700	1750	1750	3800	1750	1750	3800	1750
Capacity Analysis Module:												
Vol/Sat:	0.28	0.25	0.09	0.04	0.05	0.01	0.02	0.03	0.07	0.20	0.14	0.15
Crit Moves:	****				****				****	****		
Green Time:	59.0	58.3	101.1	11.7	11.0	11.0	15.5	15.2	15.2	42.8	42.5	54.2
Volume/Cap:	0.67	0.60	0.12	0.45	0.67	0.09	0.19	0.24	0.67	0.67	0.45	0.40
Delay/Veh:	34.0	32.4	5.9	63.3	66.6	60.2	57.0	57.4	68.8	45.6	39.6	31.5
User DelAdj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
AdjDel/Veh:	34.0	32.4	5.9	63.3	66.6	60.2	57.0	57.4	68.8	45.6	39.6	31.5
LOS by Move:	C-	C-	A	E	E	E	E+	E+	E	D	D	C
HCM2k95thQ:	32	28	4	6	8	1	3	4	13	27	17	17

Note: Queue reported is the number of cars per lane.

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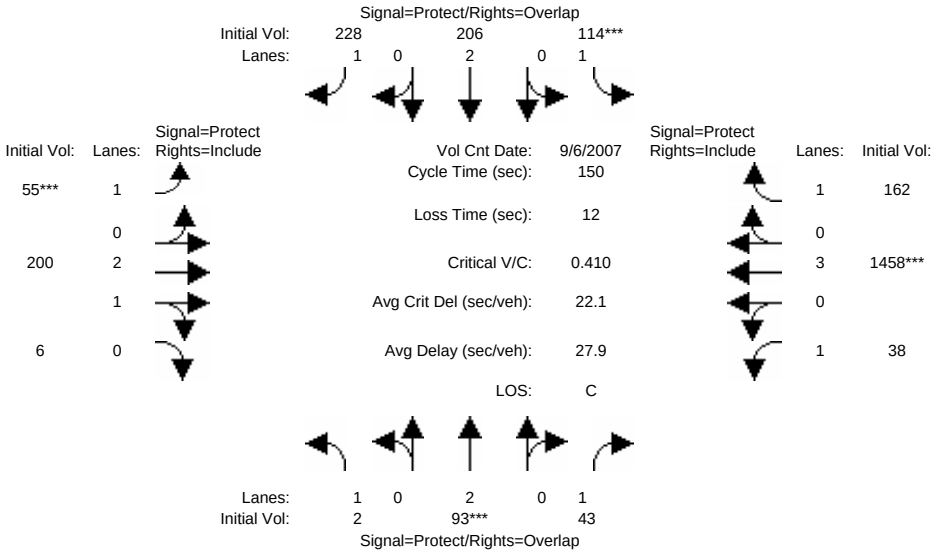
Milpitas Near-Term Cumulative Analysis

Level Of Service Computation Report
2000 HCM Operations (Future Volume Alternative)
Existing AM

Intersection #24: Great Mall Pkwy. & Main St.



Street Name:	Main St.						Great Mall Pkwy.					
Approach:	North Bound			South Bound			East Bound			West Bound		
Movement:	L -	T -	R	L -	T -	R	L -	T -	R	L -	T -	R
Min. Green:	7	10	10	7	10	10	7	10	10	7	10	10
Volume Module: >> Count Date: 6 Sep 2007 <<												
Base Vol:	2	93	43	114	206	228	55	200	6	38	1458	162
Growth Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Initial Bse:	2	93	43	114	206	228	55	200	6	38	1458	162
Added Vol:	0	0	0	0	0	0	0	0	0	0	0	0
PasserByVol:	0	0	0	0	0	0	0	0	0	0	0	0
Initial Fut:	2	93	43	114	206	228	55	200	6	38	1458	162
User Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
PHF Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
PHF Volume:	2	93	43	114	206	228	55	200	6	38	1458	162
Reduct Vol:	0	0	0	0	0	0	0	0	0	0	0	0
Reduced Vol:	2	93	43	114	206	228	55	200	6	38	1458	162
PCE Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
MLF Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
FinalVolume:	2	93	43	114	206	228	55	200	6	38	1458	162
Saturation Flow Module:												
Sat/Lane:	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900
Adjustment:	0.92	1.00	0.92	0.92	1.00	0.92	0.92	0.98	0.95	0.92	1.00	0.92
Lanes:	1.00	2.00	1.00	1.00	2.00	1.00	1.00	2.91	0.09	1.00	3.00	1.00
Final Sat.:	1750	3800	1750	1750	3800	1750	1750	5437	163	1750	5700	1750
Capacity Analysis Module:												
Vol/Sat:	0.00	0.02	0.02	0.07	0.05	0.13	0.03	0.04	0.04	0.02	0.26	0.09
Crit Moves:		****		****			****				****	
Green Time:	10.8	10.0	53.0	23.7	22.9	34.3	11.4	61.4	61.4	43.0	92.9	92.9
Volume/Cap:	0.02	0.37	0.07	0.41	0.36	0.57	0.41	0.09	0.09	0.08	0.41	0.15
Delay/Veh:	64.7	67.9	32.2	57.9	57.3	53.3	68.2	27.2	27.2	39.1	14.7	12.0
User DelAdj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
AdjDel/Veh:	64.7	67.9	32.2	57.9	57.3	53.3	68.2	27.2	27.2	39.1	14.7	12.0
LOS by Move:	E	E	C-	E+	E+	D-	E	C	C	D	B	B
HCM2k95thQ:	0	5	3	10	9	19	5	4	4	3	20	7

Note: Queue reported is the number of cars per lane.

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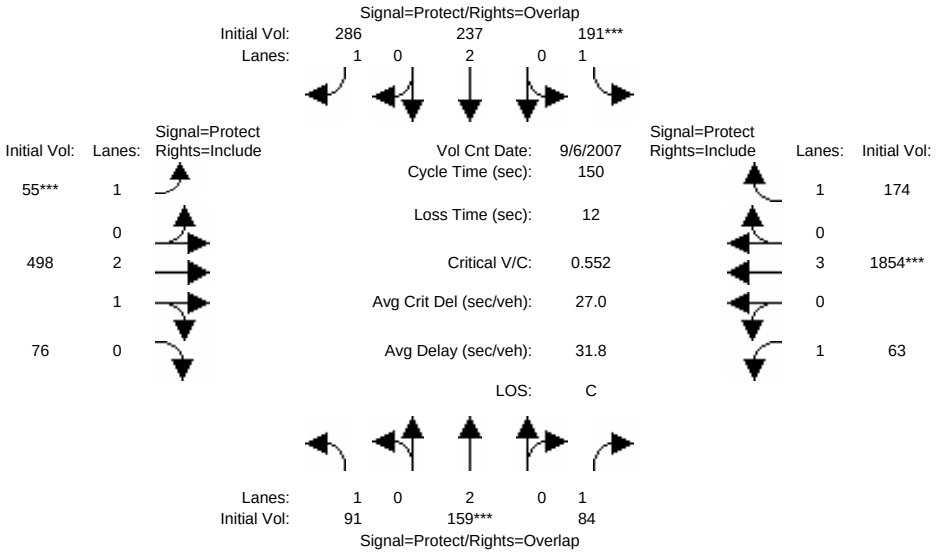
Milpitas Near-Term Cumulative Analysis

Level Of Service Computation Report
2000 HCM Operations (Future Volume Alternative)
Background AM

Intersection #24: Great Mall Pkwy. & Main St.



Street Name:	Main St.						Great Mall Pkwy.					
Approach:	North Bound			South Bound			East Bound			West Bound		
Movement:	L - T - R			L - T - R			L - T - R			L - T - R		
Min. Green:	7	10	10	7	10	10	7	10	10	7	10	10
Volume Module: >> Count Date: 6 Sep 2007 <<												
Base Vol:	2	93	43	114	206	228	55	200	6	38	1458	162
Growth Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Initial Bse:	2	93	43	114	206	228	55	200	6	38	1458	162
Added Vol:	0	0	0	0	0	0	0	0	0	0	0	0
ATI:	89	66	41	77	31	58	0	298	70	25	396	12
Initial Fut:	91	159	84	191	237	286	55	498	76	63	1854	174
User Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
PHF Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
PHF Volume:	91	159	84	191	237	286	55	498	76	63	1854	174
Reduct Vol:	0	0	0	0	0	0	0	0	0	0	0	0
Reduced Vol:	91	159	84	191	237	286	55	498	76	63	1854	174
PCE Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
MLF Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
FinalVolume:	91	159	84	191	237	286	55	498	76	63	1854	174
Saturation Flow Module:												
Sat/Lane:	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900
Adjustment:	0.92	1.00	0.92	0.92	1.00	0.92	0.92	0.99	0.95	0.92	1.00	0.92
Lanes:	1.00	2.00	1.00	1.00	2.00	1.00	1.00	2.59	0.41	1.00	3.00	1.00
Final Sat.:	1750	3800	1750	1750	3800	1750	1750	4858	741	1750	5700	1750
Capacity Analysis Module:												
Vol/Sat:	0.05	0.04	0.05	0.11	0.06	0.16	0.03	0.10	0.10	0.04	0.33	0.10
Crit Moves:		****		****			****				****	
Green Time:	11.6	11.4	41.7	29.7	29.4	38.0	8.5	66.6	66.6	30.3	88.4	88.4
Volume/Cap:	0.67	0.55	0.17	0.55	0.32	0.65	0.55	0.23	0.23	0.18	0.55	0.17
Delay/Veh:	79.8	69.2	41.2	56.1	51.9	53.3	75.4	25.9	25.9	49.8	18.9	14.1
User DelAdj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
AdjDel/Veh:	79.8	69.2	41.2	56.1	51.9	53.3	75.4	25.9	25.9	49.8	18.9	14.1
LOS by Move:	E-	E	D	E+	D-	D-	E-	C	C	D	B-	B
HCM2k95thQ:	11	8	6	17	9	24	5	10	10	5	29	8

Note: Queue reported is the number of cars per lane.

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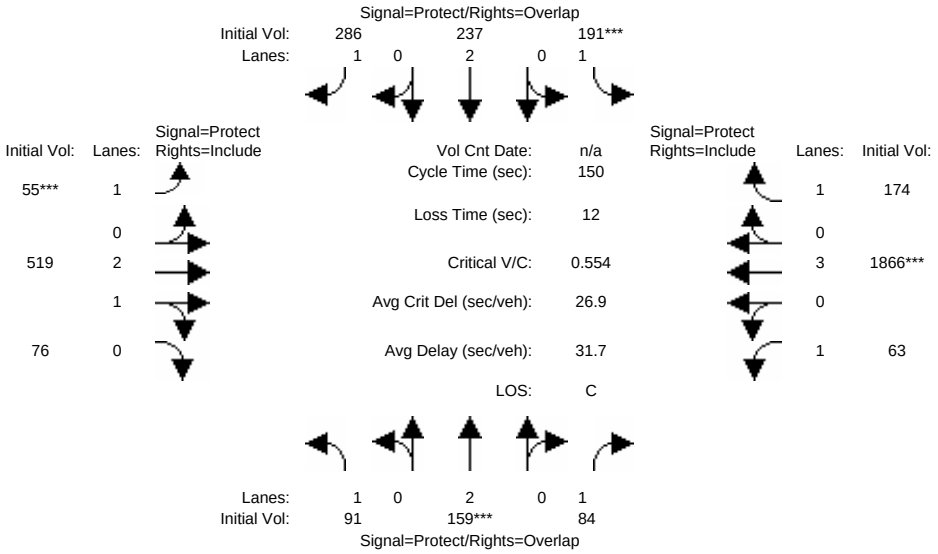
Milpitas Near-Term Cumulative Analysis

Level Of Service Computation Report
2000 HCM Operations (Future Volume Alternative)
Project AM

Intersection #24: Great Mall Pkwy. & Main St.



Street Name:	Main St.						Great Mall Pkwy.					
Approach:	North Bound			South Bound			East Bound			West Bound		
Movement:	L - T - R			L - T - R			L - T - R			L - T - R		
Min. Green:	7	10	10	7	10	10	7	10	10	7	10	10
Volume Module:												
Base Vol:	91	159	84	191	237	286	55	498	76	63	1854	174
Growth Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Initial Bse:	91	159	84	191	237	286	55	498	76	63	1854	174
Added Vol:	0	0	0	0	0	0	0	21	0	0	12	0
PasserByVol:	0	0	0	0	0	0	0	0	0	0	0	0
Initial Fut:	91	159	84	191	237	286	55	519	76	63	1866	174
User Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
PHF Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
PHF Volume:	91	159	84	191	237	286	55	519	76	63	1866	174
Reduct Vol:	0	0	0	0	0	0	0	0	0	0	0	0
Reduced Vol:	91	159	84	191	237	286	55	519	76	63	1866	174
PCE Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
MLF Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
FinalVolume:	91	159	84	191	237	286	55	519	76	63	1866	174
Saturation Flow Module:												
Sat/Lane:	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900
Adjustment:	0.92	1.00	0.92	0.92	1.00	0.92	0.92	0.99	0.95	0.92	1.00	0.92
Lanes:	1.00	2.00	1.00	1.00	2.00	1.00	1.00	2.60	0.40	1.00	3.00	1.00
Final Sat.:	1750	3800	1750	1750	3800	1750	1750	4884	715	1750	5700	1750
Capacity Analysis Module:												
Vol/Sat:	0.05	0.04	0.05	0.11	0.06	0.16	0.03	0.11	0.11	0.04	0.33	0.10
Crit Moves:		****		****			****				****	
Green Time:	11.6	11.3	41.0	29.5	29.3	37.8	8.5	67.5	67.5	29.6	88.6	88.6
Volume/Cap:	0.68	0.55	0.18	0.55	0.32	0.65	0.55	0.24	0.24	0.18	0.55	0.17
Delay/Veh:	80.2	69.3	41.8	56.3	52.0	53.5	75.6	25.4	25.4	50.3	18.9	14.0
User DelAdj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
AdjDel/Veh:	80.2	69.3	41.8	56.3	52.0	53.5	75.6	25.4	25.4	50.3	18.9	14.0
LOS by Move:	F	E	D	E+	D-	D-	E-	C	C	D	B-	B
HCM2k95thQ:	11	8	6	17	9	24	5	11	11	5	29	8

Note: Queue reported is the number of cars per lane.

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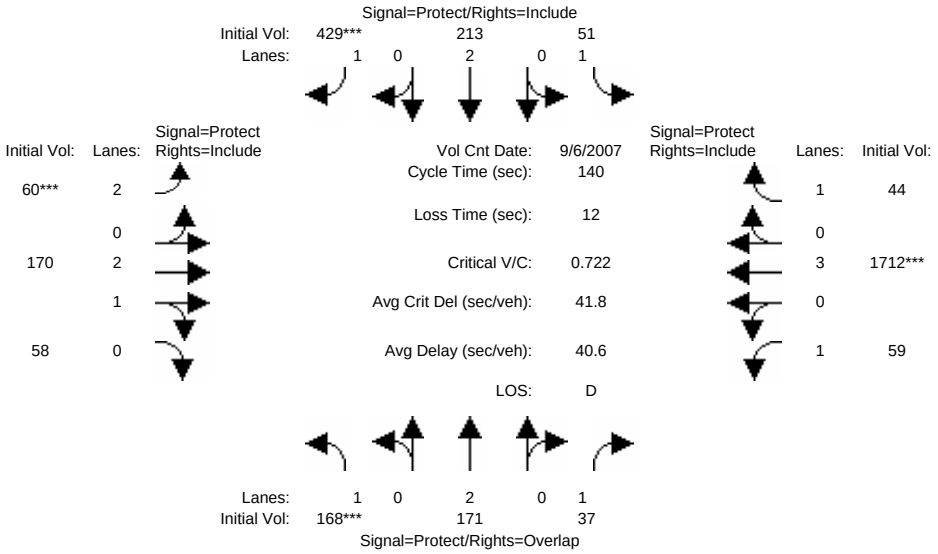
Milpitas Near-Term Cumulative Analysis

Level Of Service Computation Report
2000 HCM Operations (Future Volume Alternative)
Existing AM

Intersection #25: Great Mall Pkwy. & Abel St.



Street Name:	Abel St.						Great Mall Pkwy.					
Approach:	North Bound			South Bound			East Bound			West Bound		
Movement:	L - T - R			L - T - R			L - T - R			L - T - R		
Min. Green:	7	10	10	7	10	10	7	10	10	7	10	10
Volume Module: >> Count Date: 6 Sep 2007 <<												
Base Vol:	168	171	37	51	213	429	60	170	58	59	1712	44
Growth Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Initial Bse:	168	171	37	51	213	429	60	170	58	59	1712	44
Added Vol:	0	0	0	0	0	0	0	0	0	0	0	0
PasserByVol:	0	0	0	0	0	0	0	0	0	0	0	0
Initial Fut:	168	171	37	51	213	429	60	170	58	59	1712	44
User Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
PHF Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
PHF Volume:	168	171	37	51	213	429	60	170	58	59	1712	44
Reduct Vol:	0	0	0	0	0	0	0	0	0	0	0	0
Reduced Vol:	168	171	37	51	213	429	60	170	58	59	1712	44
PCE Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
MLF Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
FinalVolume:	168	171	37	51	213	429	60	170	58	59	1712	44
Saturation Flow Module:												
Sat/Lane:	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900
Adjustment:	0.92	1.00	0.92	0.92	1.00	0.92	0.83	0.99	0.95	0.92	1.00	0.92
Lanes:	1.00	2.00	1.00	1.00	2.00	1.00	2.00	2.21	0.79	1.00	3.00	1.00
Final Sat.:	1750	3800	1750	1750	3800	1750	3150	4174	1424	1750	5700	1750
Capacity Analysis Module:												
Vol/Sat:	0.10	0.05	0.02	0.03	0.06	0.25	0.02	0.04	0.04	0.03	0.30	0.03
Crit Moves:	****					****	****				****	
Green Time:	18.1	37.9	64.1	26.5	46.2	46.2	7.0	37.4	37.4	26.2	56.7	56.7
Volume/Cap:	0.74	0.17	0.05	0.15	0.17	0.74	0.38	0.15	0.15	0.18	0.74	0.06
Delay/Veh:	71.1	39.1	21.1	47.6	33.3	46.7	65.9	39.2	39.2	48.1	36.8	25.5
User DelAdj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
AdjDel/Veh:	71.1	39.1	21.1	47.6	33.3	46.7	65.9	39.2	39.2	48.1	36.8	25.5
LOS by Move:	E	D	C+	D	C-	D	E	D	D	D	D+	C
HCM2k95thQ:	17	6	2	4	6	32	3	5	5	4	35	2

Note: Queue reported is the number of cars per lane.

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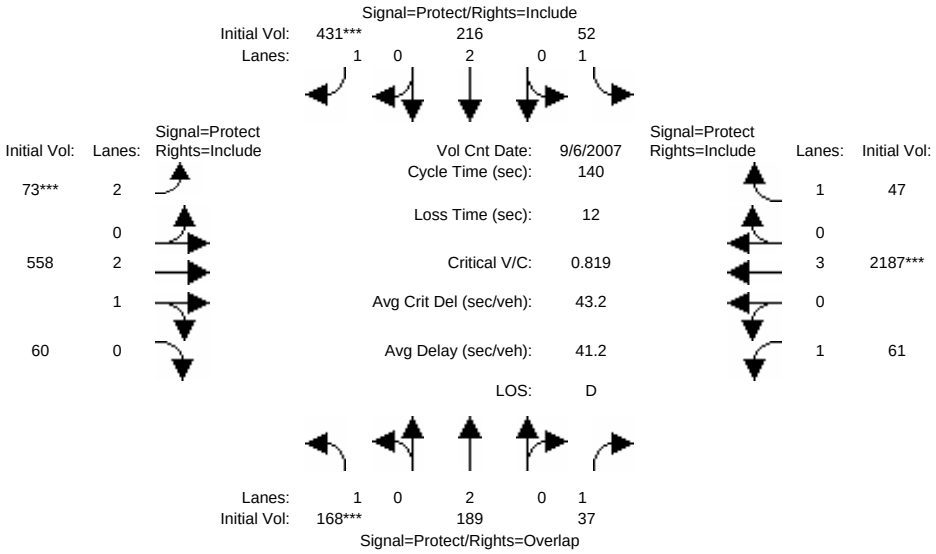
Milpitas Near-Term Cumulative Analysis

Level Of Service Computation Report
2000 HCM Operations (Future Volume Alternative)
Background AM

Intersection #25: Great Mall Pkwy. & Abel St.



Street Name:	Abel St.						Great Mall Pkwy.					
Approach:	North Bound			South Bound			East Bound			West Bound		
Movement:	L - T - R			L - T - R			L - T - R			L - T - R		
Min. Green:	7	10	10	7	10	10	7	10	10	7	10	10
Volume Module: >> Count Date: 6 Sep 2007 <<												
Base Vol:	168	171	37	51	213	429	60	170	58	59	1712	44
Growth Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Initial Bse:	168	171	37	51	213	429	60	170	58	59	1712	44
Added Vol:	0	0	0	0	0	0	0	0	0	0	0	0
ATI:	0	18	0	1	3	2	13	388	2	2	475	3
Initial Fut:	168	189	37	52	216	431	73	558	60	61	2187	47
User Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
PHF Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
PHF Volume:	168	189	37	52	216	431	73	558	60	61	2187	47
Reduct Vol:	0	0	0	0	0	0	0	0	0	0	0	0
Reduced Vol:	168	189	37	52	216	431	73	558	60	61	2187	47
PCE Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
MLF Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
FinalVolume:	168	189	37	52	216	431	73	558	60	61	2187	47
Saturation Flow Module:												
Sat/Lane:	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900
Adjustment:	0.92	1.00	0.92	0.92	1.00	0.92	0.83	0.99	0.95	0.92	1.00	0.92
Lanes:	1.00	2.00	1.00	1.00	2.00	1.00	2.00	2.70	0.30	1.00	3.00	1.00
Final Sat.:	1750	3800	1750	1750	3800	1750	3150	5056	544	1750	5700	1750
Capacity Analysis Module:												
Vol/Sat:	0.10	0.05	0.02	0.03	0.06	0.25	0.02	0.11	0.11	0.03	0.38	0.03
Crit Moves:	****					****	****				****	
Green Time:	16.0	33.6	55.7	23.5	41.0	41.0	7.0	48.8	48.8	22.1	64.0	64.0
Volume/Cap:	0.84	0.21	0.05	0.18	0.19	0.84	0.46	0.32	0.32	0.22	0.84	0.06
Delay/Veh:	86.6	42.7	26.0	50.3	37.2	58.2	66.8	33.5	33.5	51.8	36.1	21.3
User DelAdj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
AdjDel/Veh:	86.6	42.7	26.0	50.3	37.2	58.2	66.8	33.5	33.5	51.8	36.1	21.3
LOS by Move:	F	D	C	D	D+	E+	E	C-	C-	D-	D+	C+
HCM2k95thQ:	18	6	2	4	7	35	4	12	12	5	46	2

Note: Queue reported is the number of cars per lane.

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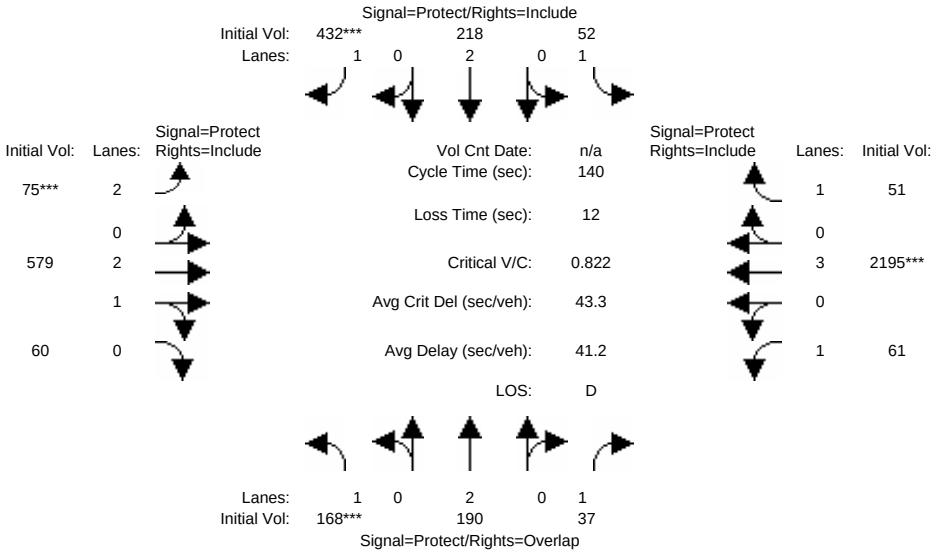
Milpitas Near-Term Cumulative Analysis

Level Of Service Computation Report
2000 HCM Operations (Future Volume Alternative)
Project AM

Intersection #25: Great Mall Pkwy. & Abel St.



Street Name:	Abel St.						Great Mall Pkwy.					
Approach:	North Bound			South Bound			East Bound			West Bound		
Movement:	L - T - R			L - T - R			L - T - R			L - T - R		
Min. Green:	7	10	10	7	10	10	7	10	10	7	10	10
Volume Module:												
Base Vol:	168	189	37	52	216	431	73	558	60	61	2187	47
Growth Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Initial Bse:	168	189	37	52	216	431	73	558	60	61	2187	47
Added Vol:	0	1	0	0	2	1	2	21	0	0	8	4
PasserByVol:	0	0	0	0	0	0	0	0	0	0	0	0
Initial Fut:	168	190	37	52	218	432	75	579	60	61	2195	51
User Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
PHF Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
PHF Volume:	168	190	37	52	218	432	75	579	60	61	2195	51
Reduct Vol:	0	0	0	0	0	0	0	0	0	0	0	0
Reduced Vol:	168	190	37	52	218	432	75	579	60	61	2195	51
PCE Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
MLF Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
FinalVolume:	168	190	37	52	218	432	75	579	60	61	2195	51
Saturation Flow Module:												
Sat/Lane:	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900
Adjustment:	0.92	1.00	0.92	0.92	1.00	0.92	0.83	0.99	0.95	0.92	1.00	0.92
Lanes:	1.00	2.00	1.00	1.00	2.00	1.00	2.00	2.71	0.29	1.00	3.00	1.00
Final Sat.:	1750	3800	1750	1750	3800	1750	3150	5073	526	1750	5700	1750
Capacity Analysis Module:												
Vol/Sat:	0.10	0.05	0.02	0.03	0.06	0.25	0.02	0.11	0.11	0.03	0.39	0.03
Crit Moves:	****					****	****				****	
Green Time:	16.0	33.5	55.2	23.5	41.0	41.0	7.0	49.4	49.4	21.6	64.0	64.0
Volume/Cap:	0.84	0.21	0.05	0.18	0.20	0.84	0.48	0.32	0.32	0.23	0.84	0.06
Delay/Veh:	87.1	42.7	26.3	50.3	37.2	58.4	67.0	33.2	33.2	52.3	36.2	21.3
User DelAdj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
AdjDel/Veh:	87.1	42.7	26.3	50.3	37.2	58.4	67.0	33.2	33.2	52.3	36.2	21.3
LOS by Move:	F	D	C	D	D+	E+	E	C-	C-	D-	D+	C+
HCM2k95thQ:	19	6	2	4	7	35	4	12	12	5	46	3

Note: Queue reported is the number of cars per lane.

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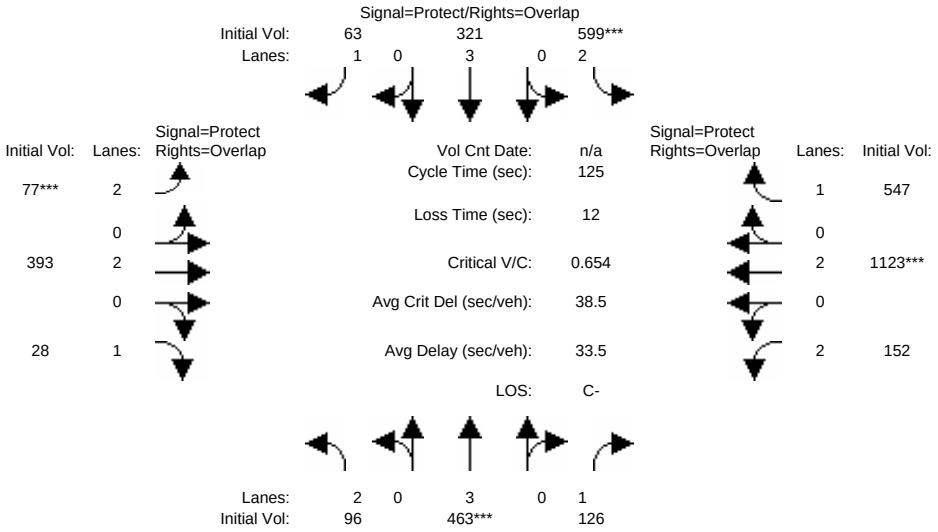
Level Of Service Computation Report
2000 HCM Operations (Future Volume Alternative)
Existing AM

Intersection #26: Zanker Rd / Tasman Dr



Street Name:	Zanker Rd						Tasman Dr					
Approach:	North Bound			South Bound			East Bound			West Bound		
Movement:	L - T - R			L - T - R			L - T - R			L - T - R		
Min. Green:	7	10	10	7	10	10	7	10	10	7	10	10
Volume Module:												
Base Vol:	96	463	126	599	321	63	77	393	28	152	1123	547
Growth Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Initial Bse:	96	463	126	599	321	63	77	393	28	152	1123	547
Added Vol:	0	0	0	0	0	0	0	0	0	0	0	0
PasserByVol:	0	0	0	0	0	0	0	0	0	0	0	0
Initial Fut:	96	463	126	599	321	63	77	393	28	152	1123	547
User Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
PHF Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
PHF Volume:	96	463	126	599	321	63	77	393	28	152	1123	547
Reduct Vol:	0	0	0	0	0	0	0	0	0	0	0	0
Reduced Vol:	96	463	126	599	321	63	77	393	28	152	1123	547
PCE Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
MLF Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
FinalVolume:	96	463	126	599	321	63	77	393	28	152	1123	547
Saturation Flow Module:												
Sat/Lane:	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900
Adjustment:	0.83	1.00	0.92	0.83	1.00	0.92	0.83	1.00	0.92	0.83	1.00	0.92
Lanes:	2.00	3.00	1.00	2.00	3.00	1.00	2.00	2.00	1.00	2.00	2.00	1.00
Final Sat.:	3150	5700	1750	3150	5700	1750	3150	3800	1750	3150	3800	1750
Capacity Analysis Module:												
Vol/Sat:	0.03	0.08	0.07	0.19	0.06	0.04	0.02	0.10	0.02	0.05	0.30	0.31
Crit Moves:		****		****			****				****	
Green Time:	20.9	15.2	37.1	35.6	29.8	36.8	7.0	40.4	61.3	21.9	55.3	90.8
Volume/Cap:	0.18	0.67	0.24	0.67	0.24	0.12	0.44	0.32	0.03	0.28	0.67	0.43
Delay/Veh:	44.9	55.0	33.6	41.5	38.5	32.3	58.8	32.1	16.5	45.0	28.7	7.0
User DelAdj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
AdjDel/Veh:	44.9	55.0	33.6	41.5	38.5	32.3	58.8	32.1	16.5	45.0	28.7	7.0
LOS by Move:	D	E+	C-	D	D+	C-	E+	C-	B	D	C	A
HCM2k95thQ:	4	13	8	23	7	4	4	11	1	6	28	16

Note: Queue reported is the number of cars per lane.

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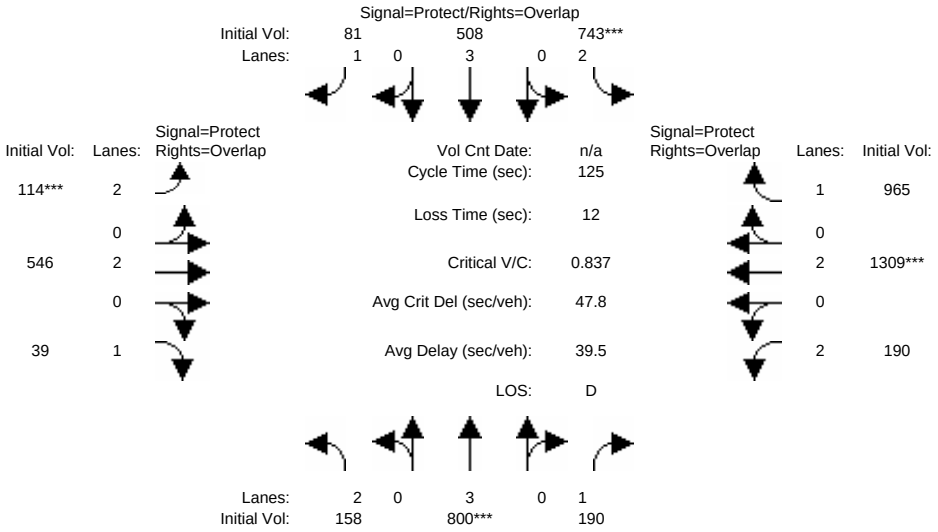
Milpitas Near-Term Cumulative Analysis

Level Of Service Computation Report
2000 HCM Operations (Future Volume Alternative)
Background AM

Intersection #26: Zanker Rd / Tasman Dr



Street Name:	Zanker Rd						Tasman Dr					
Approach:	North Bound			South Bound			East Bound			West Bound		
Movement:	L - T - R			L - T - R			L - T - R			L - T - R		
Min. Green:	7	10	10	7	10	10	7	10	10	7	10	10
Volume Module:												
Base Vol:	96	463	126	599	321	63	77	393	28	152	1123	547
Growth Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Initial Bse:	96	463	126	599	321	63	77	393	28	152	1123	547
Added Vol:	0	0	0	0	0	0	0	0	0	0	0	0
ATI:	62	337	64	144	187	18	37	153	11	38	186	418
Initial Fut:	158	800	190	743	508	81	114	546	39	190	1309	965
User Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
PHF Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
PHF Volume:	158	800	190	743	508	81	114	546	39	190	1309	965
Reduct Vol:	0	0	0	0	0	0	0	0	0	0	0	0
Reduced Vol:	158	800	190	743	508	81	114	546	39	190	1309	965
PCE Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
MLF Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
FinalVolume:	158	800	190	743	508	81	114	546	39	190	1309	965
Saturation Flow Module:												
Sat/Lane:	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900
Adjustment:	0.83	1.00	0.92	0.83	1.00	0.92	0.83	1.00	0.92	0.83	1.00	0.92
Lanes:	2.00	3.00	1.00	2.00	3.00	1.00	2.00	2.00	1.00	2.00	2.00	1.00
Final Sat.:	3150	5700	1750	3150	5700	1750	3150	3800	1750	3150	3800	1750
Capacity Analysis Module:												
Vol/Sat:	0.05	0.14	0.11	0.24	0.09	0.05	0.04	0.14	0.02	0.06	0.34	0.55
Crit Moves:		****		****			****				****	
Green Time:	21.4	20.6	37.7	34.7	34.0	41.0	7.0	40.6	62.0	17.0	50.7	85.4
Volume/Cap:	0.29	0.85	0.36	0.85	0.33	0.14	0.65	0.44	0.04	0.44	0.85	0.81
Delay/Veh:	45.5	58.1	34.6	50.6	36.5	29.7	65.8	33.5	16.3	50.3	38.4	18.2
User DelAdj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
AdjDel/Veh:	45.5	58.1	34.6	50.6	36.5	29.7	65.8	33.5	16.3	50.3	38.4	18.2
LOS by Move:	D	E+	C-	D	D+	C	E	C-	B	D	D+	B-
HCM2k95thQ:	7	23	12	32	10	5	5	15	2	7	35	43

Note: Queue reported is the number of cars per lane.

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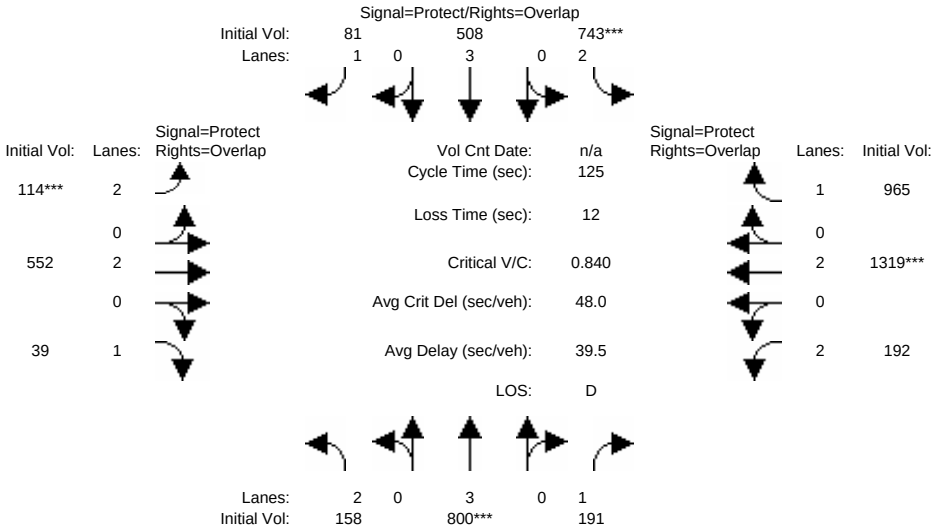
Milpitas Near-Term Cumulative Analysis

Level Of Service Computation Report
2000 HCM Operations (Future Volume Alternative)
Project AM

Intersection #26: Zanker Rd / Tasman Dr



Street Name:	Zanker Rd						Tasman Dr					
Approach:	North Bound			South Bound			East Bound			West Bound		
Movement:	L - T - R			L - T - R			L - T - R			L - T - R		
Min. Green:	7	10	10	7	10	10	7	10	10	7	10	10
Volume Module:												
Base Vol:	158	800	190	743	508	81	114	546	39	190	1309	965
Growth Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Initial Bse:	158	800	190	743	508	81	114	546	39	190	1309	965
Added Vol:	0	0	1	0	0	0	0	6	0	2	10	0
PasserByVol:	0	0	0	0	0	0	0	0	0	0	0	0
Initial Fut:	158	800	191	743	508	81	114	552	39	192	1319	965
User Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
PHF Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
PHF Volume:	158	800	191	743	508	81	114	552	39	192	1319	965
Reduct Vol:	0	0	0	0	0	0	0	0	0	0	0	0
Reduced Vol:	158	800	191	743	508	81	114	552	39	192	1319	965
PCE Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
MLF Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
FinalVolume:	158	800	191	743	508	81	114	552	39	192	1319	965
Saturation Flow Module:												
Sat/Lane:	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900
Adjustment:	0.83	1.00	0.92	0.83	1.00	0.92	0.83	1.00	0.92	0.83	1.00	0.92
Lanes:	2.00	3.00	1.00	2.00	3.00	1.00	2.00	2.00	1.00	2.00	2.00	1.00
Final Sat.:	3150	5700	1750	3150	5700	1750	3150	3800	1750	3150	3800	1750
Capacity Analysis Module:												
Vol/Sat:	0.05	0.14	0.11	0.24	0.09	0.05	0.04	0.15	0.02	0.06	0.35	0.55
Crit Moves:		****		****			****				****	
Green Time:	21.3	20.6	37.7	34.6	33.9	40.9	7.0	40.8	62.0	17.1	50.9	85.4
Volume/Cap:	0.29	0.85	0.36	0.85	0.33	0.14	0.65	0.45	0.04	0.45	0.85	0.81
Delay/Veh:	45.6	58.4	34.7	51.0	36.6	29.8	65.8	33.5	16.2	50.3	38.5	18.1
User DelAdj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
AdjDel/Veh:	45.6	58.4	34.7	51.0	36.6	29.8	65.8	33.5	16.2	50.3	38.5	18.1
LOS by Move:	D	E+	C-	D	D+	C	E	C-	B	D	D+	B-
HCM2k95thQ:	7	23	12	32	10	5	5	15	2	7	36	43

Note: Queue reported is the number of cars per lane.

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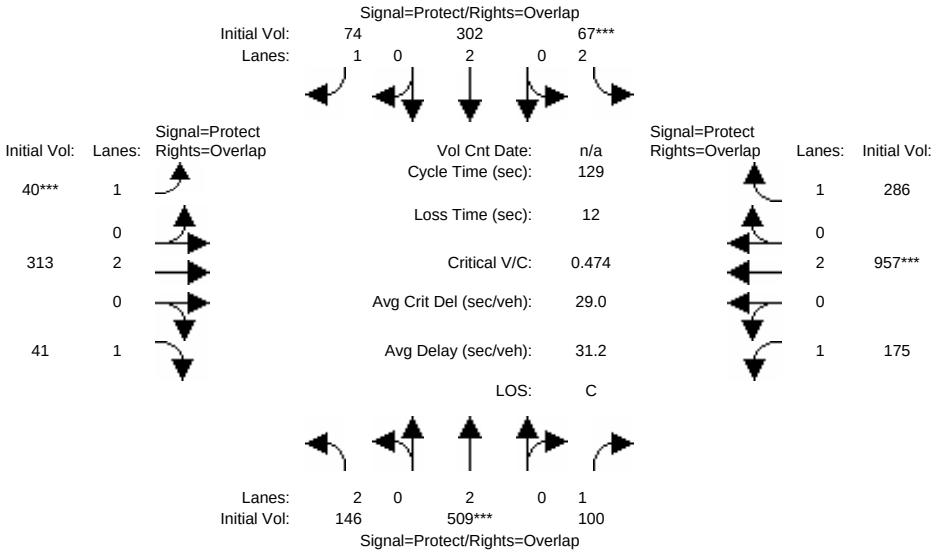
Milpitas Near-Term Cumulative Analysis

Level Of Service Computation Report
2000 HCM Operations (Future Volume Alternative)
Existing AM

Intersection #27: N. 1st St / Tasman Dr



Street Name:	N 1st Street						Tasman Dr.					
Approach:	North Bound			South Bound			East Bound			West Bound		
Movement:	L -	T -	R	L -	T -	R	L -	T -	R	L -	T -	R
Min. Green:	7	10	10	7	10	10	7	10	10	7	10	10
Volume Module:												
Base Vol:	146	509	100	67	302	74	40	313	41	175	957	286
Growth Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Initial Bse:	146	509	100	67	302	74	40	313	41	175	957	286
Added Vol:	0	0	0	0	0	0	0	0	0	0	0	0
PasserByVol:	0	0	0	0	0	0	0	0	0	0	0	0
Initial Fut:	146	509	100	67	302	74	40	313	41	175	957	286
User Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
PHF Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
PHF Volume:	146	509	100	67	302	74	40	313	41	175	957	286
Reduct Vol:	0	0	0	0	0	0	0	0	0	0	0	0
Reduced Vol:	146	509	100	67	302	74	40	313	41	175	957	286
PCE Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
MLF Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
FinalVolume:	146	509	100	67	302	74	40	313	41	175	957	286
Saturation Flow Module:												
Sat/Lane:	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900
Adjustment:	0.83	1.00	0.92	0.83	1.00	0.92	0.92	1.00	0.92	0.92	1.00	0.92
Lanes:	2.00	2.00	1.00	2.00	2.00	1.00	1.00	2.00	1.00	1.00	2.00	1.00
Final Sat.:	3150	3800	1750	3150	3800	1750	1750	3800	1750	1750	3800	1750
Capacity Analysis Module:												
Vol/Sat:	0.05	0.13	0.06	0.02	0.08	0.04	0.02	0.08	0.02	0.10	0.25	0.16
Crit Moves:		****		****			****				****	
Green Time:	17.4	35.8	76.5	7.0	25.4	32.4	7.0	33.5	50.9	40.7	67.2	74.2
Volume/Cap:	0.34	0.48	0.10	0.39	0.40	0.17	0.42	0.32	0.06	0.32	0.48	0.28
Delay/Veh:	51.2	39.3	11.4	60.4	45.5	37.9	62.0	38.7	24.3	33.9	19.9	14.1
User DelAdj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
AdjDel/Veh:	51.2	39.3	11.4	60.4	45.5	37.9	62.0	38.7	24.3	33.9	19.9	14.1
LOS by Move:	D-	D	B+	E	D	D+	E	D+	C	C-	B-	B
HCM2k95thQ:	7	16	4	4	10	5	4	10	2	10	21	11

Note: Queue reported is the number of cars per lane.

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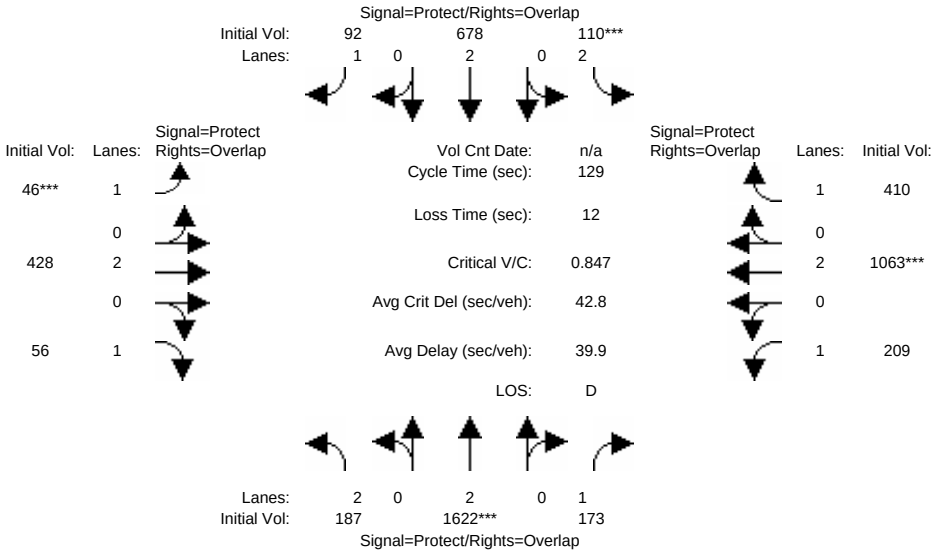
Milpitas Near-Term Cumulative Analysis

Level Of Service Computation Report
2000 HCM Operations (Future Volume Alternative)
Background AM

Intersection #27: N. 1st St / Tasman Dr



Street Name:	N 1st Street						Tasman Dr.					
Approach:	North Bound			South Bound			East Bound			West Bound		
Movement:	L -	T -	R	L -	T -	R	L -	T -	R	L -	T -	R
Min. Green:	7	10	10	7	10	10	7	10	10	7	10	10
Volume Module:												
Base Vol:	146	509	100	67	302	74	40	313	41	175	957	286
Growth Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Initial Bse:	146	509	100	67	302	74	40	313	41	175	957	286
Added Vol:	0	0	0	0	0	0	0	0	0	0	0	0
ATI:	41	1113	73	43	376	18	6	115	15	34	106	124
Initial Fut:	187	1622	173	110	678	92	46	428	56	209	1063	410
User Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
PHF Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
PHF Volume:	187	1622	173	110	678	92	46	428	56	209	1063	410
Reduct Vol:	0	0	0	0	0	0	0	0	0	0	0	0
Reduced Vol:	187	1622	173	110	678	92	46	428	56	209	1063	410
PCE Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
MLF Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
FinalVolume:	187	1622	173	110	678	92	46	428	56	209	1063	410
Saturation Flow Module:												
Sat/Lane:	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900
Adjustment:	0.83	1.00	0.92	0.83	1.00	0.92	0.92	1.00	0.92	0.92	1.00	0.92
Lanes:	2.00	2.00	1.00	2.00	2.00	1.00	1.00	2.00	1.00	1.00	2.00	1.00
Final Sat.:	3150	3800	1750	3150	3800	1750	1750	3800	1750	1750	3800	1750
Capacity Analysis Module:												
Vol/Sat:	0.06	0.43	0.10	0.03	0.18	0.05	0.03	0.11	0.03	0.12	0.28	0.23
Crit Moves:		****			****			****			****	
Green Time:	17.3	62.2	86.8	7.0	51.9	58.9	7.0	23.2	40.5	24.6	40.8	47.8
Volume/Cap:	0.44	0.88	0.15	0.64	0.44	0.12	0.48	0.63	0.10	0.63	0.88	0.63
Delay/Veh:	52.2	35.7	7.7	67.9	28.2	20.1	63.1	50.8	31.5	51.7	50.0	35.4
User DelAdj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
AdjDel/Veh:	52.2	35.7	7.7	67.9	28.2	20.1	63.1	50.8	31.5	51.7	50.0	35.4
LOS by Move:	D-	D+	A	E	C	C+	E	D	C	D-	D	D+
HCM2k95thQ:	9	51	5	7	18	4	5	16	3	15	34	24

Note: Queue reported is the number of cars per lane.

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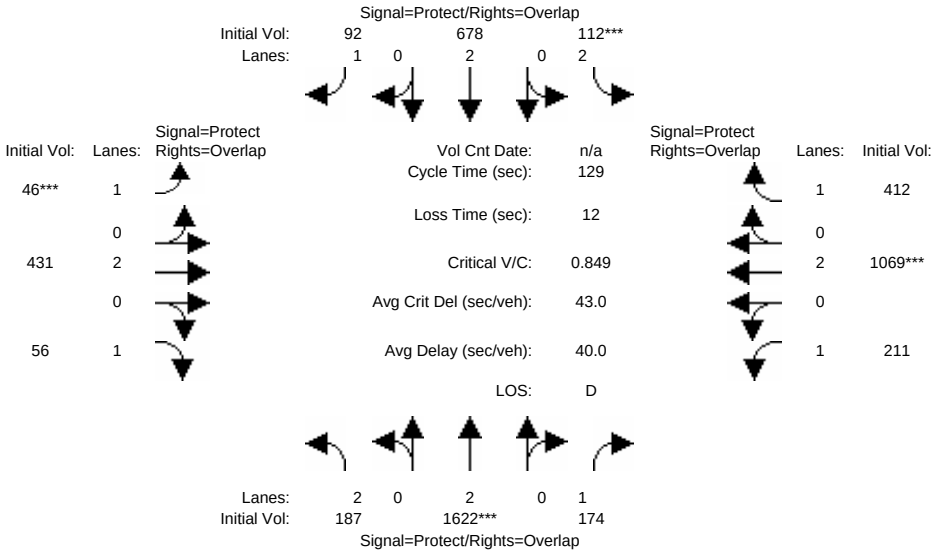
Milpitas Near-Term Cumulative Analysis

Level Of Service Computation Report
2000 HCM Operations (Future Volume Alternative)
Project AM

Intersection #27: N. 1st St / Tasman Dr



Street Name:	N 1st Street						Tasman Dr.					
Approach:	North Bound			South Bound			East Bound			West Bound		
Movement:	L -	T -	R	L -	T -	R	L -	T -	R	L -	T -	R
Min. Green:	7	10	10	7	10	10	7	10	10	7	10	10
Volume Module:												
Base Vol:	187	1622	173	110	678	92	46	428	56	209	1063	410
Growth Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Initial Bse:	187	1622	173	110	678	92	46	428	56	209	1063	410
Added Vol:	0	0	1	2	0	0	0	3	0	2	6	2
PasserByVol:	0	0	0	0	0	0	0	0	0	0	0	0
Initial Fut:	187	1622	174	112	678	92	46	431	56	211	1069	412
User Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
PHF Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
PHF Volume:	187	1622	174	112	678	92	46	431	56	211	1069	412
Reduct Vol:	0	0	0	0	0	0	0	0	0	0	0	0
Reduced Vol:	187	1622	174	112	678	92	46	431	56	211	1069	412
PCE Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
MLF Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
FinalVolume:	187	1622	174	112	678	92	46	431	56	211	1069	412
Saturation Flow Module:												
Sat/Lane:	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900
Adjustment:	0.83	1.00	0.92	0.83	1.00	0.92	0.92	1.00	0.92	0.92	1.00	0.92
Lanes:	2.00	2.00	1.00	2.00	2.00	1.00	1.00	2.00	1.00	1.00	2.00	1.00
Final Sat.:	3150	3800	1750	3150	3800	1750	1750	3800	1750	1750	3800	1750
Capacity Analysis Module:												
Vol/Sat:	0.06	0.43	0.10	0.04	0.18	0.05	0.03	0.11	0.03	0.12	0.28	0.24
Crit Moves:		****		****			****				****	
Green Time:	17.2	62.1	86.8	7.0	51.8	58.8	7.0	23.2	40.5	24.7	40.9	47.9
Volume/Cap:	0.44	0.89	0.15	0.66	0.44	0.12	0.48	0.63	0.10	0.63	0.89	0.63
Delay/Veh:	52.2	36.0	7.7	68.7	28.3	20.2	63.1	50.8	31.5	51.8	50.1	35.4
User DelAdj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
AdjDel/Veh:	52.2	36.0	7.7	68.7	28.3	20.2	63.1	50.8	31.5	51.8	50.1	35.4
LOS by Move:	D-	D+	A	E	C	C+	E	D	C	D-	D	D+
HCM2k95thQ:	9	51	5	8	18	4	5	16	3	15	34	24

Note: Queue reported is the number of cars per lane.

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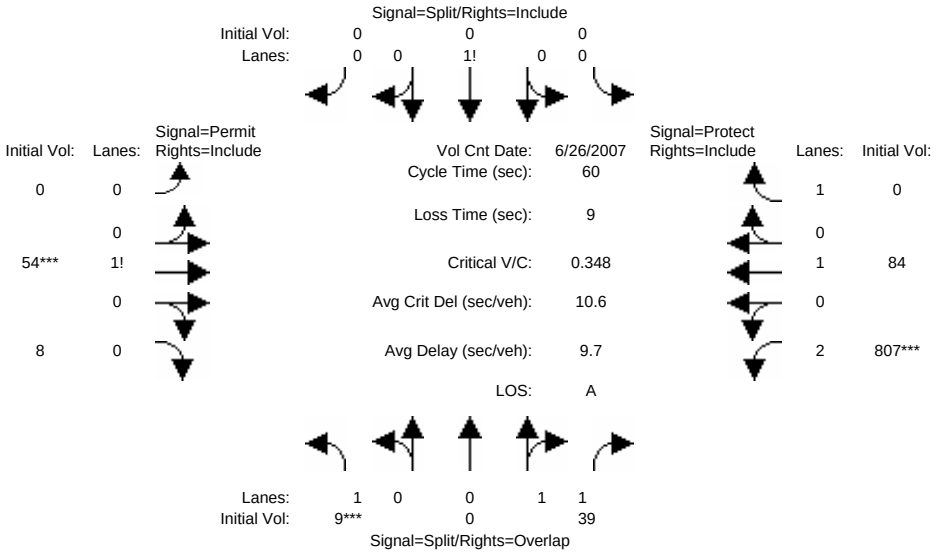
Milpitas Near-Term Cumulative Analysis

Level Of Service Computation Report
2000 HCM Operations (Future Volume Alternative)
Existing AM

Intersection #101: Dixon Landing Rd. & McCarthy Blvd.



Street Name:	McCarthy Blvd.						Dixon Landing Rd.					
Approach:	North Bound			South Bound			East Bound			West Bound		
Movement:	L -	T -	R	L -	T -	R	L -	T -	R	L -	T -	R
Min. Green:	10	0	10	10	10	10	10	10	10	7	10	10
Volume Module: >> Count Date: 26 Jun 2007 << 7:00AM-9:00AM												
Base Vol:	9	0	39	0	0	0	0	54	8	807	84	0
Growth Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Initial Bse:	9	0	39	0	0	0	0	54	8	807	84	0
Added Vol:	0	0	0	0	0	0	0	0	0	0	0	0
PasserByVol:	0	0	0	0	0	0	0	0	0	0	0	0
Initial Fut:	9	0	39	0	0	0	0	54	8	807	84	0
User Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
PHF Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
PHF Volume:	9	0	39	0	0	0	0	54	8	807	84	0
Reduct Vol:	0	0	0	0	0	0	0	0	0	0	0	0
Reduced Vol:	9	0	39	0	0	0	0	54	8	807	84	0
PCE Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
MLF Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
FinalVolume:	9	0	39	0	0	0	0	54	8	807	84	0
Saturation Flow Module:												
Sat/Lane:	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900
Adjustment:	0.92	1.00	0.95	0.92	0.92	0.92	0.92	0.95	0.95	0.83	1.00	0.92
Lanes:	1.00	0.00	2.00	0.00	1.00	0.00	0.00	0.87	0.13	2.00	1.00	1.00
Final Sat.:	1750	0	3600	0	1750	0	0	1568	232	3150	1900	1750
Capacity Analysis Module:												
Vol/Sat:	0.01	0.00	0.01	0.00	0.00	0.00	0.00	0.03	0.03	0.26	0.04	0.00
Crit Moves:	****							****		****		
Green Time:	10.0	0.0	41.0	0.0	0.0	0.0	0.0	10.0	10.0	31.0	41.0	0.0
Volume/Cap:	0.03	0.00	0.02	0.00	0.00	0.00	0.00	0.21	0.21	0.50	0.06	0.00
Delay/Veh:	21.0	0.0	3.0	0.0	0.0	0.0	0.0	21.9	21.9	9.7	3.2	0.0
User DelAdj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
AdjDel/Veh:	21.0	0.0	3.0	0.0	0.0	0.0	0.0	21.9	21.9	9.7	3.2	0.0
LOS by Move:	C+	A	A	A	A	A	A	C+	C+	A	A	A
HCM2k95thQ:	0	0	0	0	0	0	0	2	2	11	1	0

Note: Queue reported is the number of cars per lane.

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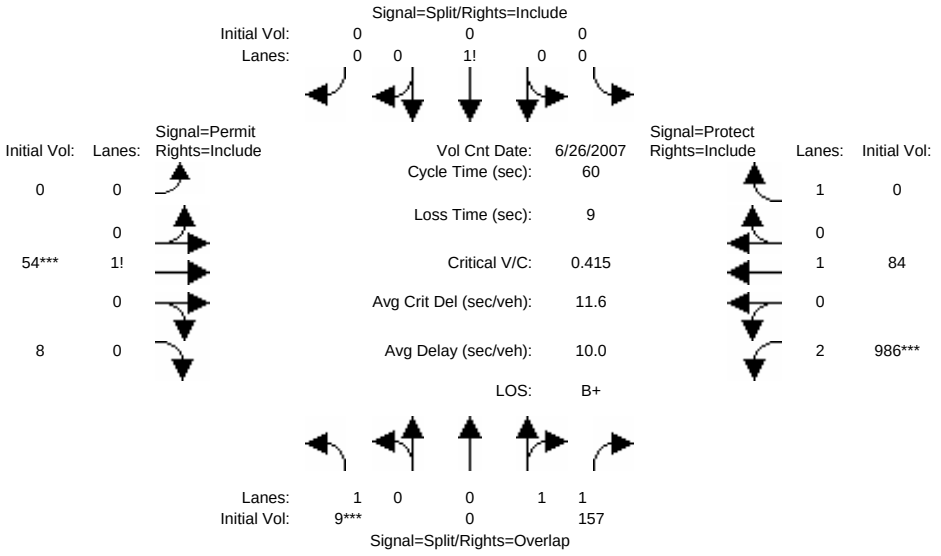
Milpitas Near-Term Cumulative Analysis

Level Of Service Computation Report
2000 HCM Operations (Future Volume Alternative)
Background AM

Intersection #101: Dixon Landing Rd. & McCarthy Blvd.



Street Name:	McCarthy Blvd.						Dixon Landing Rd.					
Approach:	North Bound			South Bound			East Bound			West Bound		
Movement:	L - T - R			L - T - R			L - T - R			L - T - R		
Min. Green:	10	0	10	10	10	10	10	10	10	7	10	10
Volume Module: >> Count Date: 26 Jun 2007 << 7:00AM-9:00AM												
Base Vol:	9	0	39	0	0	0	0	54	8	807	84	0
Growth Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Initial Bse:	9	0	39	0	0	0	0	54	8	807	84	0
Added Vol:	0	0	0	0	0	0	0	0	0	0	0	0
ATI:	0	0	118	0	0	0	0	0	0	179	0	0
Initial Fut:	9	0	157	0	0	0	0	54	8	986	84	0
User Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
PHF Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
PHF Volume:	9	0	157	0	0	0	0	54	8	986	84	0
Reduct Vol:	0	0	0	0	0	0	0	0	0	0	0	0
Reduced Vol:	9	0	157	0	0	0	0	54	8	986	84	0
PCE Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
MLF Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
FinalVolume:	9	0	157	0	0	0	0	54	8	986	84	0
Saturation Flow Module:												
Sat/Lane:	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900
Adjustment:	0.92	1.00	0.95	0.92	0.92	0.92	0.92	0.95	0.95	0.83	1.00	0.92
Lanes:	1.00	0.00	2.00	0.00	1.00	0.00	0.00	0.87	0.13	2.00	1.00	1.00
Final Sat.:	1750	0	3600	0	1750	0	0	1568	232	3150	1900	1750
Capacity Analysis Module:												
Vol/Sat:	0.01	0.00	0.04	0.00	0.00	0.00	0.00	0.03	0.03	0.31	0.04	0.00
Crit Moves:	****							****		****		
Green Time:	10.0	0.0	41.0	0.0	0.0	0.0	0.0	10.0	10.0	31.0	41.0	0.0
Volume/Cap:	0.03	0.00	0.06	0.00	0.00	0.00	0.00	0.21	0.21	0.61	0.06	0.00
Delay/Veh:	21.0	0.0	3.2	0.0	0.0	0.0	0.0	21.9	21.9	10.9	3.2	0.0
User DelAdj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
AdjDel/Veh:	21.0	0.0	3.2	0.0	0.0	0.0	0.0	21.9	21.9	10.9	3.2	0.0
LOS by Move:	C+	A	A	A	A	A	A	C+	C+	B+	A	A
HCM2k95thQ:	0	0	1	0	0	0	0	2	2	15	1	0

Note: Queue reported is the number of cars per lane.

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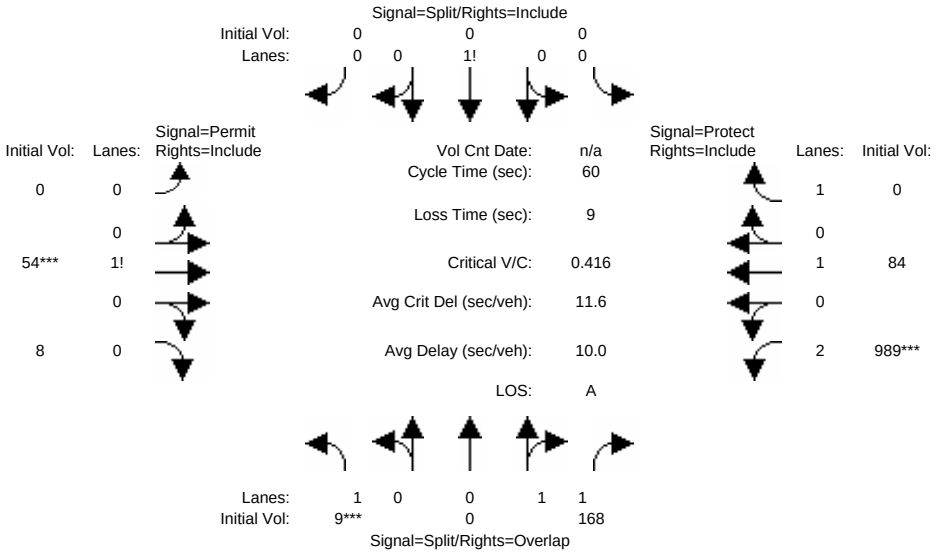
Milpitas Near-Term Cumulative Analysis

Level Of Service Computation Report
2000 HCM Operations (Future Volume Alternative)
Project AM

Intersection #101: Dixon Landing Rd. & McCarthy Blvd.



Street Name:	McCarthy Blvd.						Dixon Landing Rd.					
Approach:	North Bound			South Bound			East Bound			West Bound		
Movement:	L - T - R			L - T - R			L - T - R			L - T - R		
Min. Green:	10	0	10	10	10	10	10	10	10	7	10	10
Volume Module:												
Base Vol:	9	0	157	0	0	0	0	54	8	986	84	0
Growth Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Initial Bse:	9	0	157	0	0	0	0	54	8	986	84	0
Added Vol:	0	0	11	0	0	0	0	0	0	3	0	0
PasserByVol:	0	0	0	0	0	0	0	0	0	0	0	0
Initial Fut:	9	0	168	0	0	0	0	54	8	989	84	0
User Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
PHF Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
PHF Volume:	9	0	168	0	0	0	0	54	8	989	84	0
Reduct Vol:	0	0	0	0	0	0	0	0	0	0	0	0
Reduced Vol:	9	0	168	0	0	0	0	54	8	989	84	0
PCE Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
MLF Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
FinalVolume:	9	0	168	0	0	0	0	54	8	989	84	0
Saturation Flow Module:												
Sat/Lane:	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900
Adjustment:	0.92	1.00	0.95	0.92	0.92	0.92	0.92	0.95	0.95	0.83	1.00	0.92
Lanes:	1.00	0.00	2.00	0.00	1.00	0.00	0.00	0.87	0.13	2.00	1.00	1.00
Final Sat.:	1750	0	3600	0	1750	0	0	1568	232	3150	1900	1750
Capacity Analysis Module:												
Vol/Sat:	0.01	0.00	0.05	0.00	0.00	0.00	0.00	0.03	0.03	0.31	0.04	0.00
Crit Moves:	****							****		****		
Green Time:	10.0	0.0	41.0	0.0	0.0	0.0	0.0	10.0	10.0	31.0	41.0	0.0
Volume/Cap:	0.03	0.00	0.07	0.00	0.00	0.00	0.00	0.21	0.21	0.61	0.06	0.00
Delay/Veh:	21.0	0.0	3.2	0.0	0.0	0.0	0.0	21.9	21.9	10.9	3.2	0.0
User DelAdj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
AdjDel/Veh:	21.0	0.0	3.2	0.0	0.0	0.0	0.0	21.9	21.9	10.9	3.2	0.0
LOS by Move:	C+	A	A	A	A	A	A	C+	C+	B+	A	A
HCM2k95thQ:	0	0	1	0	0	0	0	2	2	15	1	0

Note: Queue reported is the number of cars per lane.

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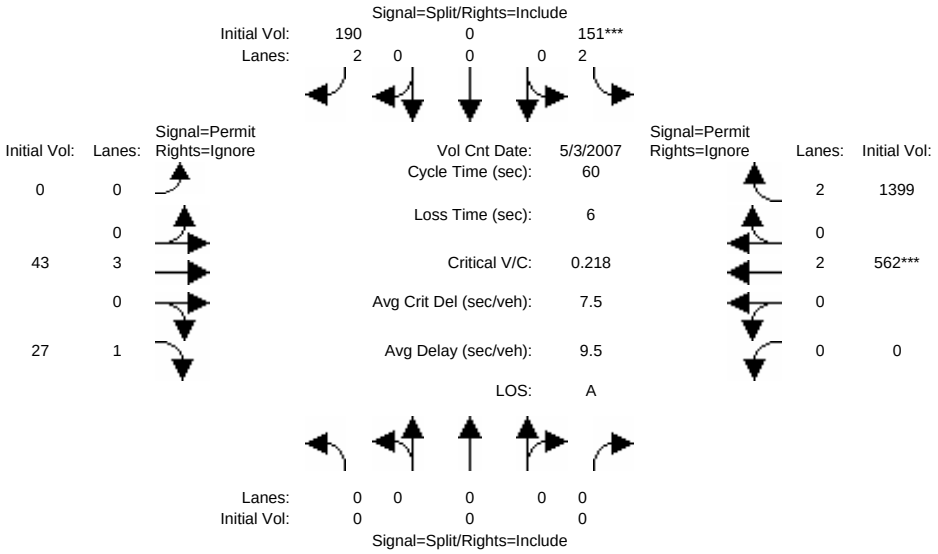
Milpitas Near-Term Cumulative Analysis

Level Of Service Computation Report
2000 HCM Operations (Future Volume Alternative)
Existing AM

Intersection #102: Dixon Landing Rd. & I-880 SB Ramps



Street Name:	I-880 SB Ramps						Dixon Landing Rd.					
Approach:	North Bound			South Bound			East Bound			West Bound		
Movement:	L -	T -	R	L -	T -	R	L -	T -	R	L -	T -	R
Min. Green:	0	0	0	10	0	10	0	10	0	0	10	0
Volume Module: >> Count Date: 3 May 2007 << 7-9am												
Base Vol:	0	0	0	151	0	190	0	43	27	0	562	1399
Growth Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Initial Bse:	0	0	0	151	0	190	0	43	27	0	562	1399
Added Vol:	0	0	0	0	0	0	0	0	0	0	0	0
PasserByVol:	0	0	0	0	0	0	0	0	0	0	0	0
Initial Fut:	0	0	0	151	0	190	0	43	27	0	562	1399
User Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	0.00	1.00	1.00	0.00
PHF Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	0.00	1.00	1.00	0.00
PHF Volume:	0	0	0	151	0	190	0	43	0	0	562	0
Reduct Vol:	0	0	0	0	0	0	0	0	0	0	0	0
Reduced Vol:	0	0	0	151	0	190	0	43	0	0	562	0
PCE Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	0.00	1.00	1.00	0.00
MLF Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	0.00	1.00	1.00	0.00
FinalVolume:	0	0	0	151	0	190	0	43	0	0	562	0
Saturation Flow Module:												
Sat/Lane:	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900
Adjustment:	0.92	1.00	0.92	0.83	1.00	0.83	0.92	1.00	0.92	0.92	1.00	0.83
Lanes:	0.00	0.00	0.00	2.00	0.00	2.00	0.00	3.00	1.00	0.00	2.00	2.00
Final Sat.:	0	0	0	3150	0	3150	0	5700	1750	0	3800	3150
Capacity Analysis Module:												
Vol/Sat:	0.00	0.00	0.00	0.05	0.00	0.06	0.00	0.01	0.00	0.00	0.15	0.00
Crit Moves:				****							****	
Green Time:	0.0	0.0	0.0	15.6	0.0	15.6	0.0	38.4	0.0	0.0	38.4	0.0
Volume/Cap:	0.00	0.00	0.00	0.18	0.00	0.23	0.00	0.01	0.00	0.00	0.23	0.00
Delay/Veh:	0.0	0.0	0.0	17.7	0.0	18.1	0.0	3.9	0.0	0.0	4.8	0.0
User DelAdj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
AdjDel/Veh:	0.0	0.0	0.0	17.7	0.0	18.1	0.0	3.9	0.0	0.0	4.8	0.0
LOS by Move:	A	A	A	B	A	B-	A	A	A	A	A	A
HCM2k95thQ:	0	0	0	3	0	4	0	0	0	0	5	0

Note: Queue reported is the number of cars per lane.

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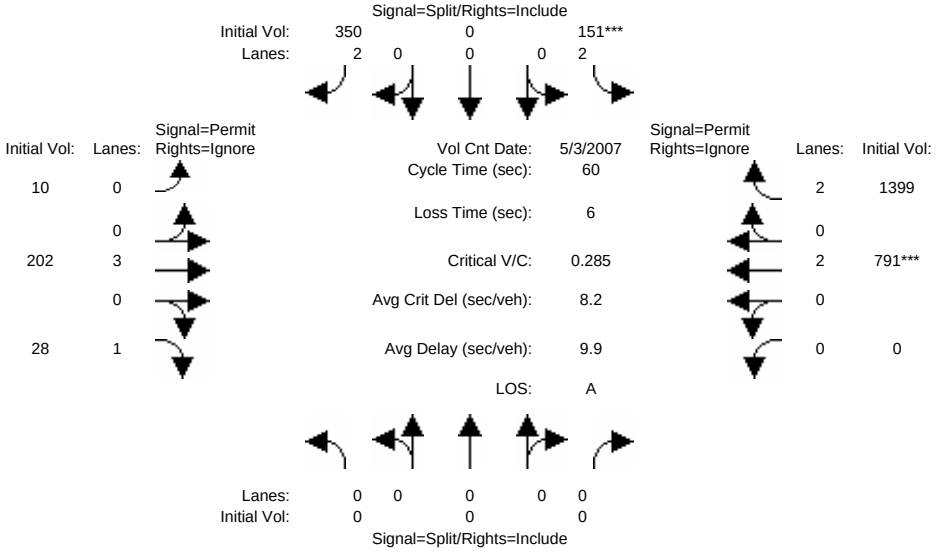
Milpitas Near-Term Cumulative Analysis

Level Of Service Computation Report
2000 HCM Operations (Future Volume Alternative)
Background AM

Intersection #102: Dixon Landing Rd. & I-880 SB Ramps



Street Name:	I-880 SB Ramps						Dixon Landing Rd.					
Approach:	North Bound			South Bound			East Bound			West Bound		
Movement:	L -	T -	R	L -	T -	R	L -	T -	R	L -	T -	R
Min. Green:	0	0	0	10	0	10	0	10	0	0	10	0
Volume Module: >> Count Date: 3 May 2007 << 7-9am												
Base Vol:	0	0	0	151	0	190	0	43	27	0	562	1399
Growth Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Initial Bse:	0	0	0	151	0	190	0	43	27	0	562	1399
Added Vol:	0	0	0	0	0	0	0	0	0	0	0	0
ATI:	0	0	0	0	0	160	10	159	1	0	229	0
Initial Fut:	0	0	0	151	0	350	10	202	28	0	791	1399
User Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	0.00	1.00	1.00	0.00
PHF Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	0.00	1.00	1.00	0.00
PHF Volume:	0	0	0	151	0	350	10	202	0	0	791	0
Reduct Vol:	0	0	0	0	0	0	0	0	0	0	0	0
Reduced Vol:	0	0	0	151	0	350	10	202	0	0	791	0
PCE Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	0.00	1.00	1.00	0.00
MLF Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	0.00	1.00	1.00	0.00
FinalVolume:	0	0	0	151	0	350	10	202	0	0	791	0
Saturation Flow Module:												
Sat/Lane:	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900
Adjustment:	0.92	1.00	0.92	0.83	1.00	0.83	0.95	0.98	0.92	0.92	1.00	0.83
Lanes:	0.00	0.00	0.00	2.00	0.00	2.00	0.15	2.85	1.00	0.00	2.00	2.00
Final Sat.:	0	0	0	3150	0	3150	264	5335	1750	0	3800	3150
Capacity Analysis Module:												
Vol/Sat:	0.00	0.00	0.00	0.05	0.00	0.11	0.04	0.04	0.00	0.00	0.21	0.00
Crit Moves:				****							****	
Green Time:	0.0	0.0	0.0	18.8	0.0	18.8	35.2	35.2	0.0	0.0	35.2	0.0
Volume/Cap:	0.00	0.00	0.00	0.15	0.00	0.35	0.06	0.06	0.00	0.00	0.35	0.00
Delay/Veh:	0.0	0.0	0.0	15.2	0.0	16.9	5.4	5.4	0.0	0.0	6.9	0.0
User DelAdj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
AdjDel/Veh:	0.0	0.0	0.0	15.2	0.0	16.9	5.4	5.4	0.0	0.0	6.9	0.0
LOS by Move:	A	A	A	B	A	B	A	A	A	A	A	A
HCM2k95thQ:	0	0	0	3	0	7	1	1	0	0	8	0

Note: Queue reported is the number of cars per lane.

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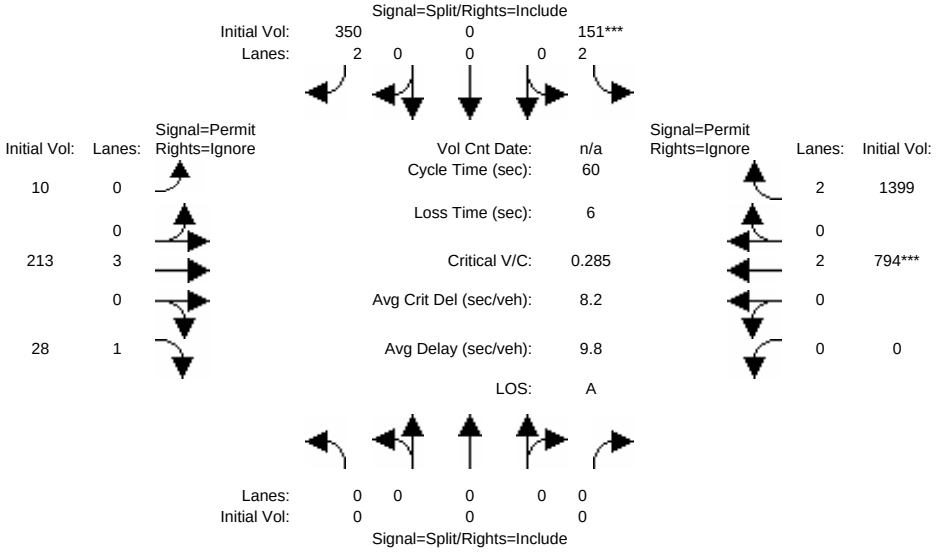
Milpitas Near-Term Cumulative Analysis

Level Of Service Computation Report
2000 HCM Operations (Future Volume Alternative)
Project AM

Intersection #102: Dixon Landing Rd. & I-880 SB Ramps



Street Name:	I-880 SB Ramps						Dixon Landing Rd.					
Approach:	North Bound			South Bound			East Bound			West Bound		
Movement:	L	T	R	L	T	R	L	T	R	L	T	R
Min. Green:	0	0	0	10	0	10	0	10	0	0	10	0
Volume Module:												
Base Vol:	0	0	0	151	0	350	10	202	28	0	791	1399
Growth Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Initial Bse:	0	0	0	151	0	350	10	202	28	0	791	1399
Added Vol:	0	0	0	0	0	0	0	11	0	0	3	0
PasserByVol:	0	0	0	0	0	0	0	0	0	0	0	0
Initial Fut:	0	0	0	151	0	350	10	213	28	0	794	1399
User Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	0.00	1.00	1.00	0.00
PHF Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	0.00	1.00	1.00	0.00
PHF Volume:	0	0	0	151	0	350	10	213	0	0	794	0
Reduct Vol:	0	0	0	0	0	0	0	0	0	0	0	0
Reduced Vol:	0	0	0	151	0	350	10	213	0	0	794	0
PCE Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	0.00	1.00	1.00	0.00
MLF Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	0.00	1.00	1.00	0.00
FinalVolume:	0	0	0	151	0	350	10	213	0	0	794	0
Saturation Flow Module:												
Sat/Lane:	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900
Adjustment:	0.92	1.00	0.92	0.83	1.00	0.83	0.95	0.98	0.92	0.92	1.00	0.83
Lanes:	0.00	0.00	0.00	2.00	0.00	2.00	0.14	2.86	1.00	0.00	2.00	2.00
Final Sat.:	0	0	0	3150	0	3150	251	5349	1750	0	3800	3150
Capacity Analysis Module:												
Vol/Sat:	0.00	0.00	0.00	0.05	0.00	0.11	0.04	0.04	0.00	0.00	0.21	0.00
Crit Moves:				****							****	
Green Time:	0.0	0.0	0.0	18.7	0.0	18.7	35.3	35.3	0.0	0.0	35.3	0.0
Volume/Cap:	0.00	0.00	0.00	0.15	0.00	0.36	0.07	0.07	0.00	0.00	0.36	0.00
Delay/Veh:	0.0	0.0	0.0	15.2	0.0	17.0	5.4	5.4	0.0	0.0	6.9	0.0
User DelAdj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
AdjDel/Veh:	0.0	0.0	0.0	15.2	0.0	17.0	5.4	5.4	0.0	0.0	6.9	0.0
LOS by Move:	A	A	A	B	A	B	A	A	A	A	A	A
HCM2k95thQ:	0	0	0	3	0	7	2	2	0	0	8	0

Note: Queue reported is the number of cars per lane.

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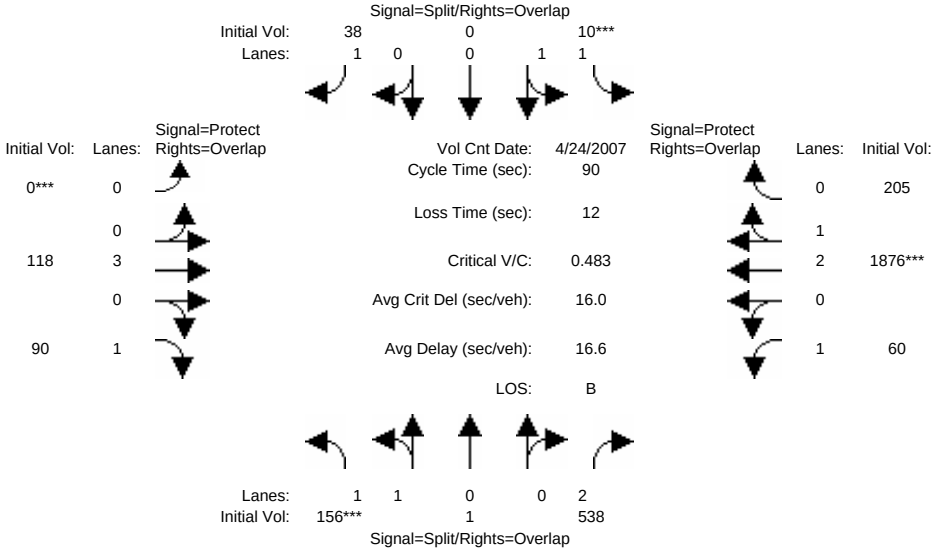
Milpitas Near-Term Cumulative Analysis

Level Of Service Computation Report
2000 HCM Operations (Future Volume Alternative)
Existing AM

Intersection #103: Dixon Landing Rd. & I-880 NB Ramps



Street Name:	I-880 NB Ramps						Dixon Landing Rd.					
Approach:	North Bound			South Bound			East Bound			West Bound		
Movement:	L -	T -	R	L -	T -	R	L -	T -	R	L -	T -	R
Min. Green:	10	10	10	10	10	10	0	10	10	7	10	10
Volume Module: >> Count Date: 24 Apr 2007 <<												
Base Vol:	156	1	538	10	0	38	0	118	90	60	1876	205
Growth Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Initial Bse:	156	1	538	10	0	38	0	118	90	60	1876	205
Added Vol:	0	0	0	0	0	0	0	0	0	0	0	0
PasserByVol:	0	0	0	0	0	0	0	0	0	0	0	0
Initial Fut:	156	1	538	10	0	38	0	118	90	60	1876	205
User Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
PHF Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
PHF Volume:	156	1	538	10	0	38	0	118	90	60	1876	205
Reduct Vol:	0	0	0	0	0	0	0	0	0	0	0	0
Reduced Vol:	156	1	538	10	0	38	0	118	90	60	1876	205
PCE Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
MLF Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
FinalVolume:	156	1	538	10	0	38	0	118	90	60	1876	205
Saturation Flow Module:												
Sat/Lane:	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900
Adjustment:	0.93	0.95	0.83	0.93	1.00	0.92	0.92	1.00	0.92	0.92	0.99	0.95
Lanes:	1.99	0.01	2.00	2.00	0.00	1.00	0.00	3.00	1.00	1.00	2.69	0.31
Final Sat.:	3527	23	3150	3550	0	1750	0	5700	1750	1750	5048	552
Capacity Analysis Module:												
Vol/Sat:	0.04	0.04	0.17	0.00	0.00	0.02	0.00	0.02	0.05	0.03	0.37	0.37
Crit Moves:	****			****			****				****	
Green Time:	17.3	17.3	38.2	10.0	0.0	10.0	0.0	29.8	47.1	20.9	50.7	60.7
Volume/Cap:	0.23	0.23	0.40	0.03	0.00	0.20	0.00	0.06	0.10	0.15	0.66	0.55
Delay/Veh:	31.5	31.5	18.9	35.8	0.0	38.6	0.0	20.6	11.0	28.3	14.8	8.2
User DelAdj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
AdjDel/Veh:	31.5	31.5	18.9	35.8	0.0	38.6	0.0	20.6	11.0	28.3	14.8	8.2
LOS by Move:	C	C	B-	D+	A	D+	A	C+	B+	C	B	A
HCM2k95thQ:	4	4	12	0	0	3	0	2	3	3	24	19

Note: Queue reported is the number of cars per lane.

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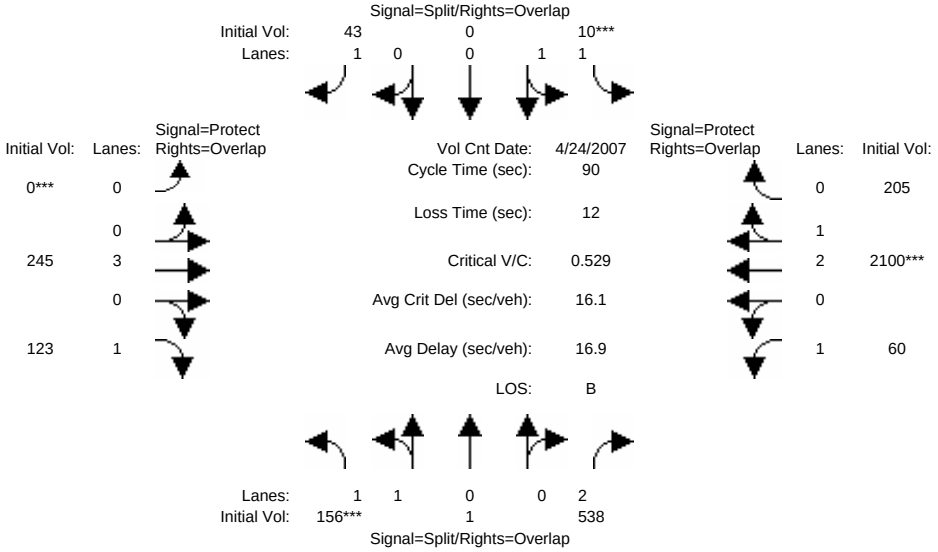
Milpitas Near-Term Cumulative Analysis

Level Of Service Computation Report
2000 HCM Operations (Future Volume Alternative)
Background AM

Intersection #103: Dixon Landing Rd. & I-880 NB Ramps



Street Name: I-880 NB Ramps Dixon Landing Rd.

Approach:	North Bound			South Bound			East Bound			West Bound		
Movement:	L -	T -	R	L -	T -	R	L -	T -	R	L -	T -	R
Min. Green:	10	10	10	10	10	10	0	10	10	7	10	10
Volume Module: >> Count Date: 24 Apr 2007 <<												
Base Vol:	156	1	538	10	0	38	0	118	90	60	1876	205
Growth Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Initial Bse:	156	1	538	10	0	38	0	118	90	60	1876	205
Added Vol:	0	0	0	0	0	0	0	0	0	0	0	0
ATI:	0	0	0	0	0	5	0	127	33	0	224	0
Initial Fut:	156	1	538	10	0	43	0	245	123	60	2100	205
User Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
PHF Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
PHF Volume:	156	1	538	10	0	43	0	245	123	60	2100	205
Reduct Vol:	0	0	0	0	0	0	0	0	0	0	0	0
Reduced Vol:	156	1	538	10	0	43	0	245	123	60	2100	205
PCE Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
MLF Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
FinalVolume:	156	1	538	10	0	43	0	245	123	60	2100	205
Saturation Flow Module:												
Sat/Lane:	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900
Adjustment:	0.93	0.95	0.83	0.93	1.00	0.92	0.92	1.00	0.92	0.92	0.99	0.95
Lanes:	1.99	0.01	2.00	2.00	0.00	1.00	0.00	3.00	1.00	1.00	2.72	0.28
Final Sat.:	3527	23	3150	3550	0	1750	0	5700	1750	1750	5101	498
Capacity Analysis Module:												
Vol/Sat:	0.04	0.04	0.17	0.00	0.00	0.02	0.00	0.04	0.07	0.03	0.41	0.41
Crit Moves:	****			****			****				****	
Green Time:	15.8	15.8	37.3	10.0	0.0	10.0	0.0	30.7	46.5	21.5	52.2	62.2
Volume/Cap:	0.25	0.25	0.41	0.03	0.00	0.22	0.00	0.13	0.14	0.14	0.71	0.60
Delay/Veh:	33.0	33.0	19.6	35.8	0.0	39.1	0.0	20.5	11.6	27.7	14.8	8.0
User DelAdj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
AdjDel/Veh:	33.0	33.0	19.6	35.8	0.0	39.1	0.0	20.5	11.6	27.7	14.8	8.0
LOS by Move:	C-	C-	B-	D+	A	D	A	C+	B+	C	B	A
HCM2k95thQ:	5	5	12	0	0	3	0	4	4	3	27	21

Note: Queue reported is the number of cars per lane.

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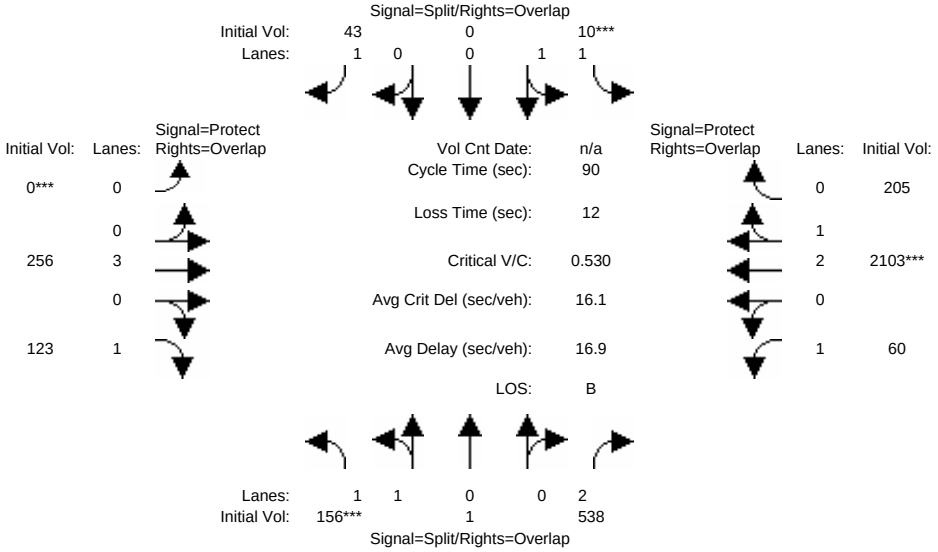
Level Of Service Computation Report
2000 HCM Operations (Future Volume Alternative)
Project AM

Intersection #103: Dixon Landing Rd. & I-880 NB Ramps



Street Name:	I-880 NB Ramps						Dixon Landing Rd.					
Approach:	North Bound			South Bound			East Bound			West Bound		
Movement:	L - T - R			L - T - R			L - T - R			L - T - R		
Min. Green:	10	10	10	10	10	10	0	10	10	7	10	10
Volume Module:												
Base Vol:	156	1	538	10	0	43	0	245	123	60	2100	205
Growth Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Initial Bse:	156	1	538	10	0	43	0	245	123	60	2100	205
Added Vol:	0	0	0	0	0	0	0	11	0	0	3	0
PasserByVol:	0	0	0	0	0	0	0	0	0	0	0	0
Initial Fut:	156	1	538	10	0	43	0	256	123	60	2103	205
User Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
PHF Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
PHF Volume:	156	1	538	10	0	43	0	256	123	60	2103	205
Reduct Vol:	0	0	0	0	0	0	0	0	0	0	0	0
Reduced Vol:	156	1	538	10	0	43	0	256	123	60	2103	205
PCE Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
MLF Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
FinalVolume:	156	1	538	10	0	43	0	256	123	60	2103	205
Saturation Flow Module:												
Sat/Lane:	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900
Adjustment:	0.93	0.95	0.83	0.93	1.00	0.92	0.92	1.00	0.92	0.92	0.99	0.95
Lanes:	1.99	0.01	2.00	2.00	0.00	1.00	0.00	3.00	1.00	1.00	2.72	0.28
Final Sat.:	3527	23	3150	3550	0	1750	0	5700	1750	1750	5102	497
Capacity Analysis Module:												
Vol/Sat:	0.04	0.04	0.17	0.00	0.00	0.02	0.00	0.04	0.07	0.03	0.41	0.41
Crit Moves:	****			****			****				****	
Green Time:	15.8	15.8	37.3	10.0	0.0	10.0	0.0	30.7	46.5	21.5	52.2	62.2
Volume/Cap:	0.25	0.25	0.41	0.03	0.00	0.22	0.00	0.13	0.14	0.14	0.71	0.60
Delay/Veh:	33.0	33.0	19.6	35.8	0.0	39.1	0.0	20.6	11.6	27.7	14.9	8.0
User DelAdj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
AdjDel/Veh:	33.0	33.0	19.6	35.8	0.0	39.1	0.0	20.6	11.6	27.7	14.9	8.0
LOS by Move:	C-	C-	B-	D+	A	D	A	C+	B+	C	B	A
HCM2k95thQ:	5	5	12	0	0	3	0	4	4	3	27	21

Note: Queue reported is the number of cars per lane.

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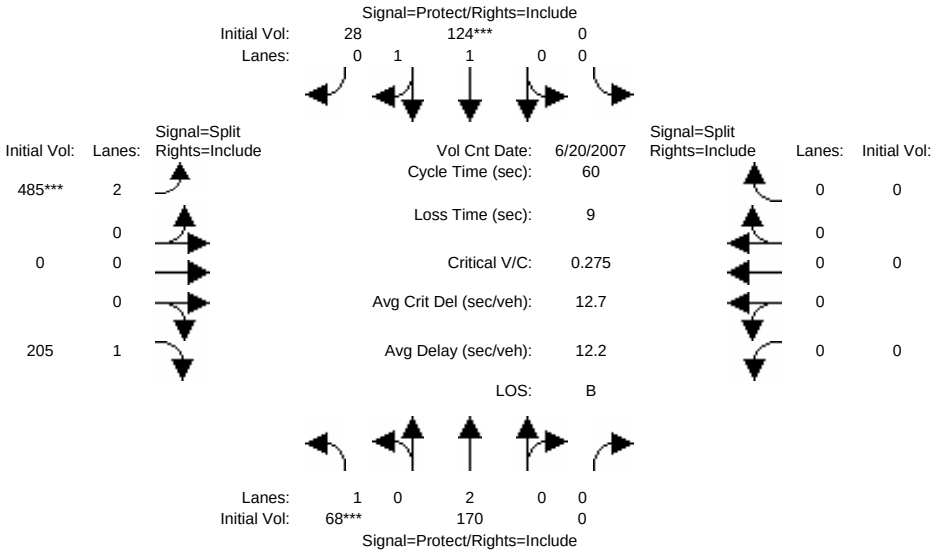
Milpitas Near-Term Cumulative Analysis

Level Of Service Computation Report
2000 HCM Operations (Future Volume Alternative)
Existing AM

Intersection #104: California Circle & I-880 NB Ramps



Street Name:	California Circle						I-880 NB Ramps					
Approach:	North Bound			South Bound			East Bound			West Bound		
Movement:	L	T	R	L	T	R	L	T	R	L	T	R
Min. Green:	7	10	0	0	10	10	10	0	10	0	0	0
Volume Module: >> Count Date: 20 Jun 2007 << 7-9am												
Base Vol:	68	170	0	0	124	28	485	0	205	0	0	0
Growth Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Initial Bse:	68	170	0	0	124	28	485	0	205	0	0	0
Added Vol:	0	0	0	0	0	0	0	0	0	0	0	0
PasserByVol:	0	0	0	0	0	0	0	0	0	0	0	0
Initial Fut:	68	170	0	0	124	28	485	0	205	0	0	0
User Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
PHF Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
PHF Volume:	68	170	0	0	124	28	485	0	205	0	0	0
Reduct Vol:	0	0	0	0	0	0	0	0	0	0	0	0
Reduced Vol:	68	170	0	0	124	28	485	0	205	0	0	0
PCE Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
MLF Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
FinalVolume:	68	170	0	0	124	28	485	0	205	0	0	0
Saturation Flow Module:												
Sat/Lane:	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900
Adjustment:	0.92	1.00	0.92	0.92	0.98	0.95	0.83	1.00	0.92	0.92	1.00	0.92
Lanes:	1.00	2.00	0.00	0.00	1.62	0.38	2.00	0.00	1.00	0.00	0.00	0.00
Final Sat.:	1750	3800	0	0	3018	681	3150	0	1750	0	0	0
Capacity Analysis Module:												
Vol/Sat:	0.04	0.04	0.00	0.00	0.04	0.04	0.15	0.00	0.12	0.00	0.00	0.00
Crit Moves:	****				****		****					
Green Time:	8.3	18.3	0.0	0.0	10.0	10.0	32.7	0.0	32.7	0.0	0.0	0.0
Volume/Cap:	0.28	0.15	0.00	0.00	0.25	0.25	0.28	0.00	0.21	0.00	0.00	0.00
Delay/Veh:	26.1	15.5	0.0	0.0	22.7	22.7	7.7	0.0	7.5	0.0	0.0	0.0
User DelAdj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
AdjDel/Veh:	26.1	15.5	0.0	0.0	22.7	22.7	7.7	0.0	7.5	0.0	0.0	0.0
LOS by Move:	C	B	A	A	C+	C+	A	A	A	A	A	A
HCM2k95thQ:	3	3	0	0	3	3	6	0	5	0	0	0

Note: Queue reported is the number of cars per lane.

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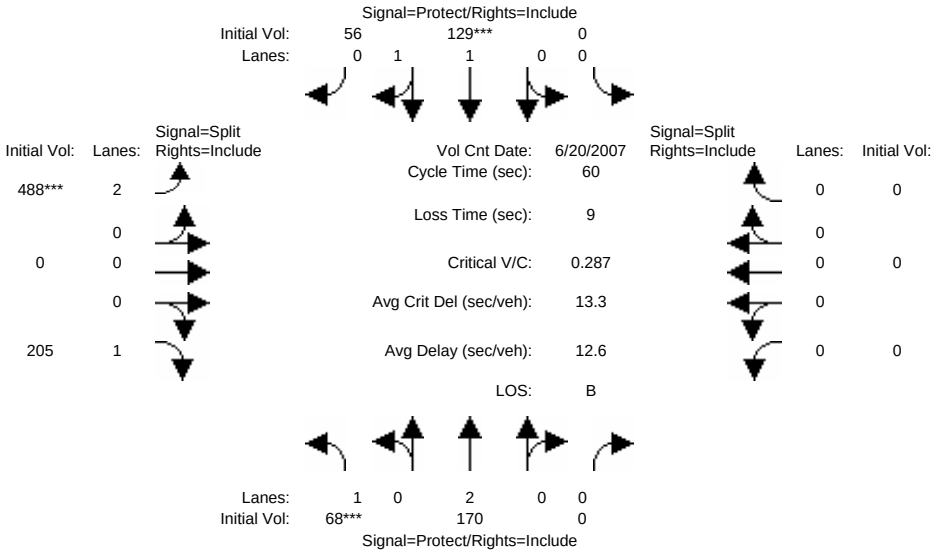
Milpitas Near-Term Cumulative Analysis

Level Of Service Computation Report
2000 HCM Operations (Future Volume Alternative)
Background AM

Intersection #104: California Circle & I-880 NB Ramps



Street Name:	California Circle						I-880 NB Ramps					
Approach:	North Bound			South Bound			East Bound			West Bound		
Movement:	L	T	R	L	T	R	L	T	R	L	T	R
Min. Green:	7	10	0	0	10	10	10	0	10	0	0	0
Volume Module: >> Count Date: 20 Jun 2007 << 7-9am												
Base Vol:	68	170	0	0	124	28	485	0	205	0	0	0
Growth Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Initial Bse:	68	170	0	0	124	28	485	0	205	0	0	0
Added Vol:	0	0	0	0	0	0	0	0	0	0	0	0
ATI:	0	0	0	0	5	28	3	0	0	0	0	0
Initial Fut:	68	170	0	0	129	56	488	0	205	0	0	0
User Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
PHF Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
PHF Volume:	68	170	0	0	129	56	488	0	205	0	0	0
Reduct Vol:	0	0	0	0	0	0	0	0	0	0	0	0
Reduced Vol:	68	170	0	0	129	56	488	0	205	0	0	0
PCE Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
MLF Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
FinalVolume:	68	170	0	0	129	56	488	0	205	0	0	0
Saturation Flow Module:												
Sat/Lane:	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900
Adjustment:	0.92	1.00	0.92	0.92	0.99	0.95	0.83	1.00	0.92	0.92	1.00	0.92
Lanes:	1.00	2.00	0.00	0.00	1.38	0.62	2.00	0.00	1.00	0.00	0.00	0.00
Final Sat.:	1750	3800	0	0	2579	1120	3150	0	1750	0	0	0
Capacity Analysis Module:												
Vol/Sat:	0.04	0.04	0.00	0.00	0.05	0.05	0.15	0.00	0.12	0.00	0.00	0.00
Crit Moves:	****				****		****					
Green Time:	8.1	18.6	0.0	0.0	10.5	10.5	32.4	0.0	32.4	0.0	0.0	0.0
Volume/Cap:	0.29	0.14	0.00	0.00	0.29	0.29	0.29	0.00	0.22	0.00	0.00	0.00
Delay/Veh:	26.4	15.2	0.0	0.0	22.6	22.6	7.9	0.0	7.7	0.0	0.0	0.0
User DelAdj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
AdjDel/Veh:	26.4	15.2	0.0	0.0	22.6	22.6	7.9	0.0	7.7	0.0	0.0	0.0
LOS by Move:	C	B	A	A	C+	C+	A	A	A	A	A	A
HCM2k95thQ:	4	3	0	0	4	4	6	0	5	0	0	0

Note: Queue reported is the number of cars per lane.

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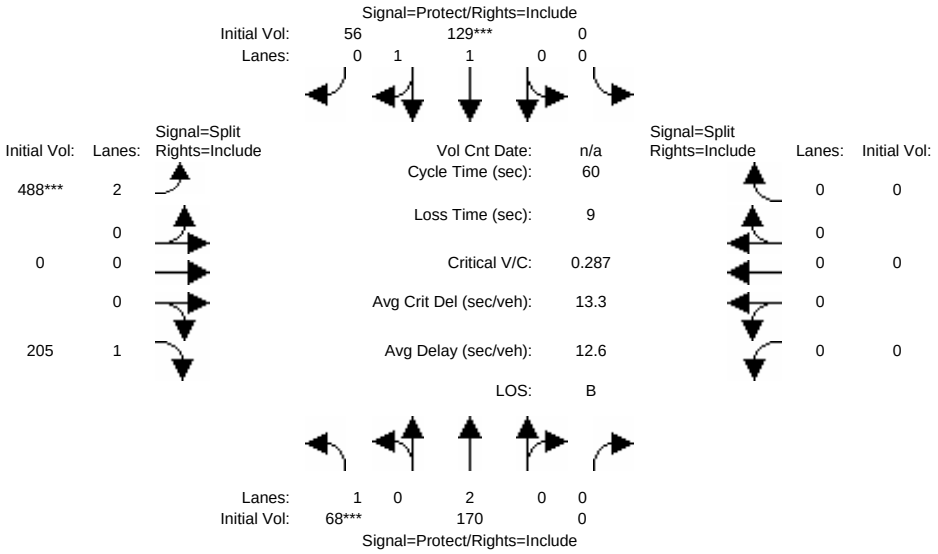
Milpitas Near-Term Cumulative Analysis

Level Of Service Computation Report
2000 HCM Operations (Future Volume Alternative)
Project AM

Intersection #104: California Circle & I-880 NB Ramps



Street Name:	California Circle						I-880 NB Ramps					
Approach:	North Bound			South Bound			East Bound			West Bound		
Movement:	L - T - R			L - T - R			L - T - R			L - T - R		
Min. Green:	7	10	0	0	10	10	10	0	10	0	0	0
Volume Module:												
Base Vol:	68	170	0	0	129	56	488	0	205	0	0	0
Growth Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Initial Bse:	68	170	0	0	129	56	488	0	205	0	0	0
Added Vol:	0	0	0	0	0	0	0	0	0	0	0	0
PasserByVol:	0	0	0	0	0	0	0	0	0	0	0	0
Initial Fut:	68	170	0	0	129	56	488	0	205	0	0	0
User Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
PHF Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
PHF Volume:	68	170	0	0	129	56	488	0	205	0	0	0
Reduct Vol:	0	0	0	0	0	0	0	0	0	0	0	0
Reduced Vol:	68	170	0	0	129	56	488	0	205	0	0	0
PCE Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
MLF Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
FinalVolume:	68	170	0	0	129	56	488	0	205	0	0	0
Saturation Flow Module:												
Sat/Lane:	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900
Adjustment:	0.92	1.00	0.92	0.92	0.99	0.95	0.83	1.00	0.92	0.92	1.00	0.92
Lanes:	1.00	2.00	0.00	0.00	1.38	0.62	2.00	0.00	1.00	0.00	0.00	0.00
Final Sat.:	1750	3800	0	0	2579	1120	3150	0	1750	0	0	0
Capacity Analysis Module:												
Vol/Sat:	0.04	0.04	0.00	0.00	0.05	0.05	0.15	0.00	0.12	0.00	0.00	0.00
Crit Moves:	****				****		****					
Green Time:	8.1	18.6	0.0	0.0	10.5	10.5	32.4	0.0	32.4	0.0	0.0	0.0
Volume/Cap:	0.29	0.14	0.00	0.00	0.29	0.29	0.29	0.00	0.22	0.00	0.00	0.00
Delay/Veh:	26.4	15.2	0.0	0.0	22.6	22.6	7.9	0.0	7.7	0.0	0.0	0.0
User DelAdj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
AdjDel/Veh:	26.4	15.2	0.0	0.0	22.6	22.6	7.9	0.0	7.7	0.0	0.0	0.0
LOS by Move:	C	B	A	A	C+	C+	A	A	A	A	A	A
HCM2k95thQ:	4	3	0	0	4	4	6	0	5	0	0	0

Note: Queue reported is the number of cars per lane.

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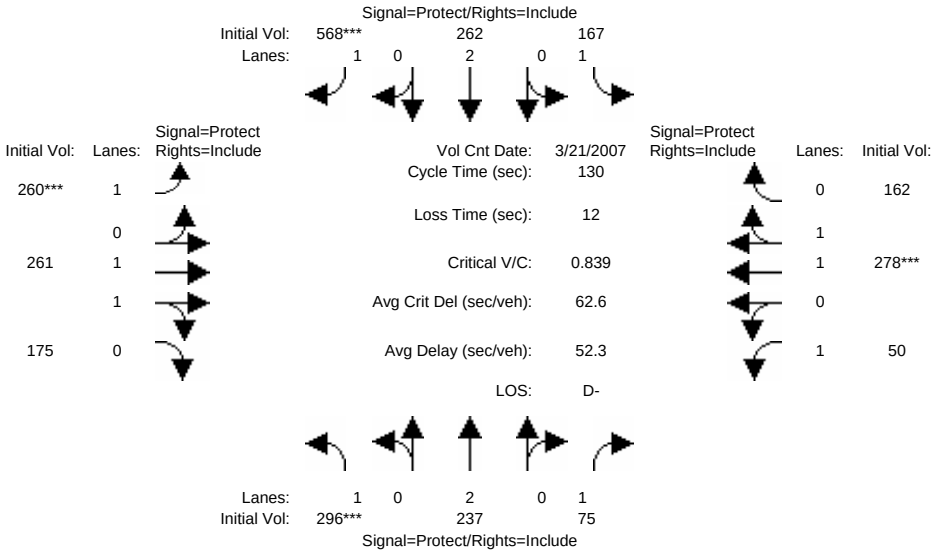
Milpitas Near-Term Cumulative Analysis

Level Of Service Computation Report
2000 HCM Operations (Future Volume Alternative)
Existing AM

Intersection #105: Dixon Landing Rd. & N. Milpitas Blvd.



Street Name:	N. Milpitas Blvd.						Dixon Landing Rd.					
Approach:	North Bound			South Bound			East Bound			West Bound		
Movement:	L	T	R	L	T	R	L	T	R	L	T	R
Min. Green:	7	10	10	7	10	10	7	10	10	7	10	10
Volume Module: >> Count Date: 21 Mar 2007 <<												
Base Vol:	296	237	75	167	262	568	260	261	175	50	278	162
Growth Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Initial Bse:	296	237	75	167	262	568	260	261	175	50	278	162
Added Vol:	0	0	0	0	0	0	0	0	0	0	0	0
PasserByVol:	0	0	0	0	0	0	0	0	0	0	0	0
Initial Fut:	296	237	75	167	262	568	260	261	175	50	278	162
User Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
PHF Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
PHF Volume:	296	237	75	167	262	568	260	261	175	50	278	162
Reduct Vol:	0	0	0	0	0	0	0	0	0	0	0	0
Reduced Vol:	296	237	75	167	262	568	260	261	175	50	278	162
PCE Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
MLF Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
FinalVolume:	296	237	75	167	262	568	260	261	175	50	278	162
Saturation Flow Module:												
Sat/Lane:	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900
Adjustment:	0.92	1.00	0.92	0.92	1.00	0.92	0.92	0.99	0.95	0.92	0.99	0.95
Lanes:	1.00	2.00	1.00	1.00	2.00	1.00	1.00	1.18	0.82	1.00	1.24	0.76
Final Sat.:	1750	3800	1750	1750	3800	1750	1750	2214	1484	1750	2337	1362
Capacity Analysis Module:												
Vol/Sat:	0.17	0.06	0.04	0.10	0.07	0.32	0.15	0.12	0.12	0.03	0.12	0.12
Crit Moves:	****					****	****				****	
Green Time:	26.2	34.2	34.2	42.4	50.3	50.3	23.0	28.5	28.5	13.0	18.4	18.4
Volume/Cap:	0.84	0.24	0.16	0.29	0.18	0.84	0.84	0.54	0.54	0.29	0.84	0.84
Delay/Veh:	70.5	38.2	37.7	33.9	26.5	48.0	74.6	47.5	47.5	58.3	69.1	69.1
User DelAdj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
AdjDel/Veh:	70.5	38.2	37.7	33.9	26.5	48.0	74.6	47.5	47.5	58.3	69.1	69.1
LOS by Move:	E	D+	D+	C-	C	D	E	D	D	E+	E	E
HCM2k95thQ:	23	8	5	10	7	39	21	15	15	5	19	19

Note: Queue reported is the number of cars per lane.

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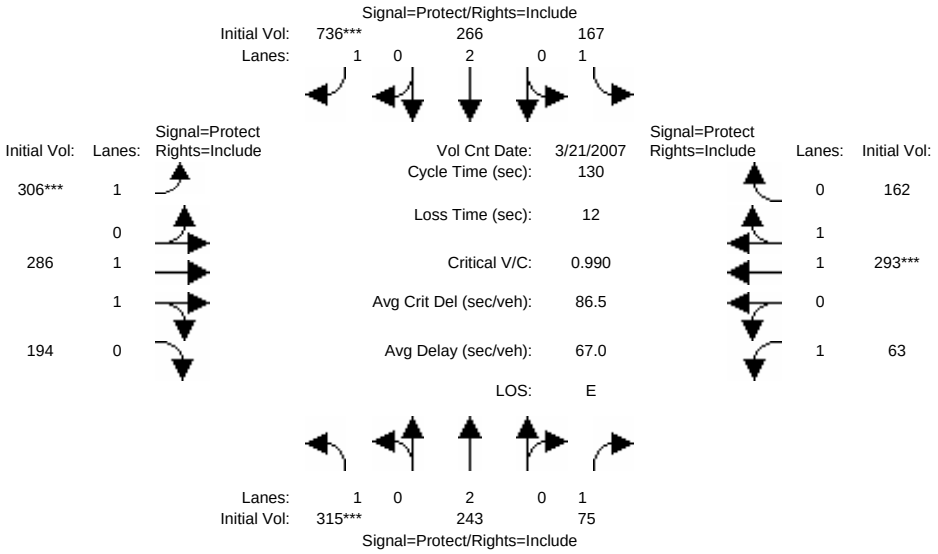
Milpitas Near-Term Cumulative Analysis

Level Of Service Computation Report
2000 HCM Operations (Future Volume Alternative)
Background AM

Intersection #105: Dixon Landing Rd. & N. Milpitas Blvd.



Street Name:	N. Milpitas Blvd.						Dixon Landing Rd.					
Approach:	North Bound			South Bound			East Bound			West Bound		
Movement:	L	T	R	L	T	R	L	T	R	L	T	R
Min. Green:	7	10	10	7	10	10	7	10	10	7	10	10
Volume Module: >> Count Date: 21 Mar 2007 <<												
Base Vol:	296	237	75	167	262	568	260	261	175	50	278	162
Growth Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Initial Bse:	296	237	75	167	262	568	260	261	175	50	278	162
Added Vol:	0	0	0	0	0	0	0	0	0	0	0	0
ATI:	19	6	0	0	4	168	46	25	19	13	15	0
Initial Fut:	315	243	75	167	266	736	306	286	194	63	293	162
User Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
PHF Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
PHF Volume:	315	243	75	167	266	736	306	286	194	63	293	162
Reduct Vol:	0	0	0	0	0	0	0	0	0	0	0	0
Reduced Vol:	315	243	75	167	266	736	306	286	194	63	293	162
PCE Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
MLF Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
FinalVolume:	315	243	75	167	266	736	306	286	194	63	293	162
Saturation Flow Module:												
Sat/Lane:	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900
Adjustment:	0.92	1.00	0.92	0.92	1.00	0.92	0.92	0.99	0.95	0.92	0.99	0.95
Lanes:	1.00	2.00	1.00	1.00	2.00	1.00	1.00	1.17	0.83	1.00	1.27	0.73
Final Sat.:	1750	3800	1750	1750	3800	1750	1750	2203	1495	1750	2382	1317
Capacity Analysis Module:												
Vol/Sat:	0.18	0.06	0.04	0.10	0.07	0.42	0.17	0.13	0.13	0.04	0.12	0.12
Crit Moves:	****					****	****				****	
Green Time:	23.6	35.2	35.2	43.7	55.2	55.2	23.0	27.7	27.7	11.5	16.2	16.2
Volume/Cap:	0.99	0.24	0.16	0.28	0.16	0.99	0.99	0.61	0.61	0.41	0.99	0.99
Delay/Veh:	101.0	37.5	36.8	32.9	23.3	67.7	102.1	49.8	49.8	63.9	96.4	96.4
User DelAdj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
AdjDel/Veh:	101.0	37.5	36.8	32.9	23.3	67.7	102.1	49.8	49.8	63.9	96.4	96.4
LOS by Move:	F	D+	D+	C-	C	E	F	D	D	E	F	F
HCM2k95thQ:	29	8	5	10	7	62	28	16	16	6	23	23

Note: Queue reported is the number of cars per lane.

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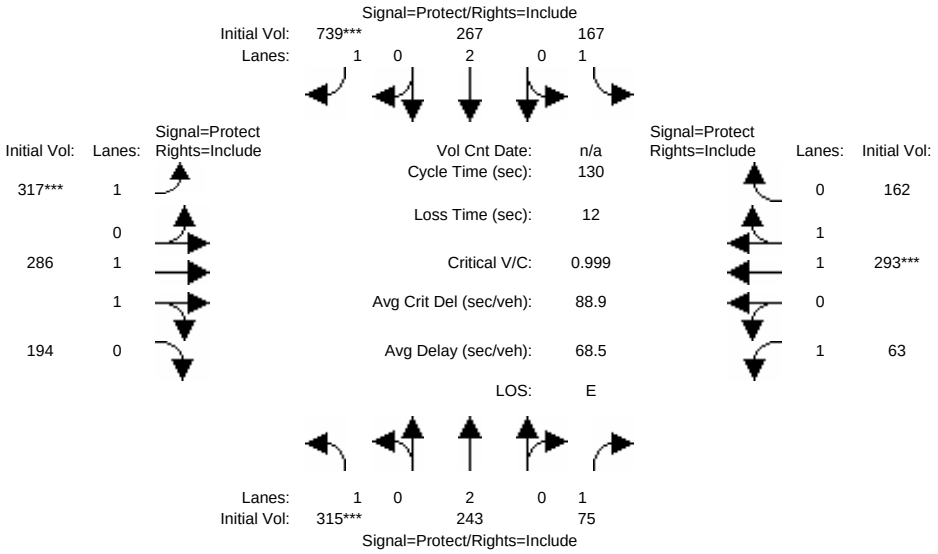
Milpitas Near-Term Cumulative Analysis

Level Of Service Computation Report
2000 HCM Operations (Future Volume Alternative)
Project AM

Intersection #105: Dixon Landing Rd. & N. Milpitas Blvd.



Street Name:	N. Milpitas Blvd.						Dixon Landing Rd.					
Approach:	North Bound			South Bound			East Bound			West Bound		
Movement:	L	T	R	L	T	R	L	T	R	L	T	R
Min. Green:	7	10	10	7	10	10	7	10	10	7	10	10
Volume Module:												
Base Vol:	315	243	75	167	266	736	306	286	194	63	293	162
Growth Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Initial Bse:	315	243	75	167	266	736	306	286	194	63	293	162
Added Vol:	0	0	0	0	1	3	11	0	0	0	0	0
PasserByVol:	0	0	0	0	0	0	0	0	0	0	0	0
Initial Fut:	315	243	75	167	267	739	317	286	194	63	293	162
User Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
PHF Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
PHF Volume:	315	243	75	167	267	739	317	286	194	63	293	162
Reduct Vol:	0	0	0	0	0	0	0	0	0	0	0	0
Reduced Vol:	315	243	75	167	267	739	317	286	194	63	293	162
PCE Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
MLF Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
FinalVolume:	315	243	75	167	267	739	317	286	194	63	293	162
Saturation Flow Module:												
Sat/Lane:	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900
Adjustment:	0.92	1.00	0.92	0.92	1.00	0.92	0.92	0.99	0.95	0.92	0.99	0.95
Lanes:	1.00	2.00	1.00	1.00	2.00	1.00	1.00	1.17	0.83	1.00	1.27	0.73
Final Sat.:	1750	3800	1750	1750	3800	1750	1750	2203	1495	1750	2382	1317
Capacity Analysis Module:												
Vol/Sat:	0.18	0.06	0.04	0.10	0.07	0.42	0.18	0.13	0.13	0.04	0.12	0.12
Crit Moves:	****					****	****				****	
Green Time:	23.4	35.0	35.0	43.4	55.0	55.0	23.6	28.0	28.0	11.6	16.0	16.0
Volume/Cap:	1.00	0.24	0.16	0.29	0.17	1.00	1.00	0.60	0.60	0.40	1.00	1.00
Delay/Veh:	103.6	37.6	37.0	33.1	23.5	70.2	103.4	49.4	49.4	63.5	98.8	98.8
User DelAdj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
AdjDel/Veh:	103.6	37.6	37.0	33.1	23.5	70.2	103.4	49.4	49.4	63.5	98.8	98.8
LOS by Move:	F	D+	D+	C-	C	E	F	D	D	E	F	F
HCM2k95thQ:	29	8	5	10	7	63	29	16	16	6	23	23

Note: Queue reported is the number of cars per lane.

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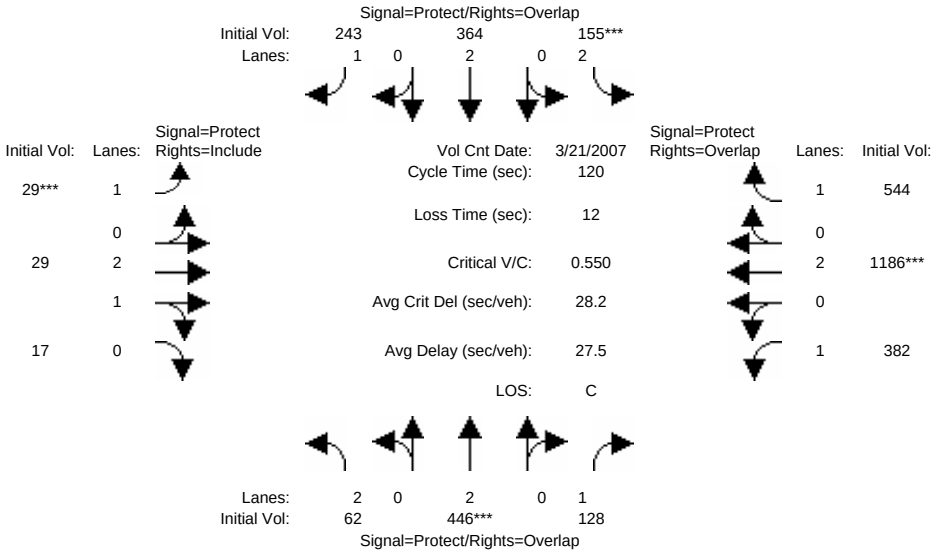
Milpitas Near-Term Cumulative Analysis

Level Of Service Computation Report
2000 HCM Operations (Future Volume Alternative)
Existing AM

Intersection #106: Scott Creek Rd. & Warm Springs Blvd.



Street Name:	Warm Springs Blvd.						Scott Creek Rd.					
Approach:	North Bound			South Bound			East Bound			West Bound		
Movement:	L - T - R			L - T - R			L - T - R			L - T - R		
Min. Green:	7	10	10	7	10	10	7	10	10	7	10	10
Volume Module: >> Count Date: 21 Mar 2007 <<												
Base Vol:	62	446	128	155	364	243	29	29	17	382	1186	544
Growth Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Initial Bse:	62	446	128	155	364	243	29	29	17	382	1186	544
Added Vol:	0	0	0	0	0	0	0	0	0	0	0	0
PasserByVol:	0	0	0	0	0	0	0	0	0	0	0	0
Initial Fut:	62	446	128	155	364	243	29	29	17	382	1186	544
User Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
PHF Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
PHF Volume:	62	446	128	155	364	243	29	29	17	382	1186	544
Reduct Vol:	0	0	0	0	0	0	0	0	0	0	0	0
Reduced Vol:	62	446	128	155	364	243	29	29	17	382	1186	544
PCE Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
MLF Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
FinalVolume:	62	446	128	155	364	243	29	29	17	382	1186	544
Saturation Flow Module:												
Sat/Lane:	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900
Adjustment:	0.83	1.00	0.92	0.83	1.00	0.92	0.92	1.00	0.92	0.92	1.00	0.92
Lanes:	2.00	2.00	1.00	2.00	2.00	1.00	1.00	2.00	1.00	1.00	2.00	1.00
Final Sat.:	3150	3800	1750	3150	3800	1750	1750	3800	1750	1750	3800	1750
Capacity Analysis Module:												
Vol/Sat:	0.02	0.12	0.07	0.05	0.10	0.14	0.02	0.01	0.01	0.22	0.31	0.31
Crit Moves:		****		****			****				****	
Green Time:	11.4	24.8	77.5	10.4	23.8	30.8	7.0	20.1	20.1	52.7	65.9	76.2
Volume/Cap:	0.21	0.57	0.11	0.57	0.48	0.54	0.28	0.05	0.06	0.50	0.57	0.49
Delay/Veh:	50.5	43.8	8.2	55.5	43.1	39.8	55.6	41.9	42.0	24.6	18.1	11.9
User DelAdj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
AdjDel/Veh:	50.5	43.8	8.2	55.5	43.1	39.8	55.6	41.9	42.0	24.6	18.1	11.9
LOS by Move:	D	D	A	E+	D	D	E+	D	D	C	B-	B+
HCM2k95thQ:	3	14	4	8	12	16	3	1	1	20	25	21

Note: Queue reported is the number of cars per lane.

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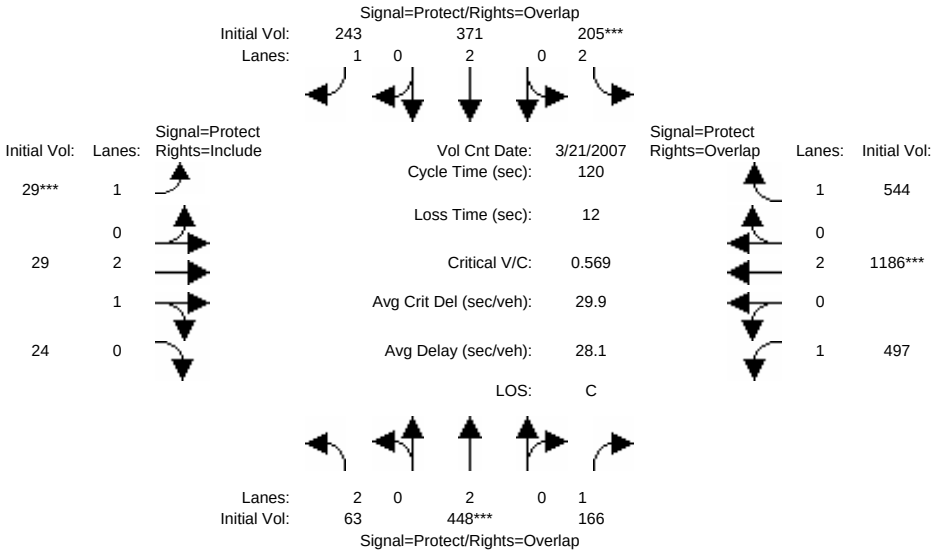
Milpitas Near-Term Cumulative Analysis

Level Of Service Computation Report
2000 HCM Operations (Future Volume Alternative)
Background AM

Intersection #106: Scott Creek Rd. & Warm Springs Blvd.



Street Name:	Warm Springs Blvd.						Scott Creek Rd.					
Approach:	North Bound			South Bound			East Bound			West Bound		
Movement:	L	T	R	L	T	R	L	T	R	L	T	R
Min. Green:	7	10	10	7	10	10	7	10	10	7	10	10
Volume Module: >> Count Date: 21 Mar 2007 <<												
Base Vol:	62	446	128	155	364	243	29	29	17	382	1186	544
Growth Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Initial Bse:	62	446	128	155	364	243	29	29	17	382	1186	544
Added Vol:	0	0	0	0	0	0	0	0	0	0	0	0
ATI:	1	2	38	50	7	0	0	0	7	115	0	0
Initial Fut:	63	448	166	205	371	243	29	29	24	497	1186	544
User Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
PHF Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
PHF Volume:	63	448	166	205	371	243	29	29	24	497	1186	544
Reduct Vol:	0	0	0	0	0	0	0	0	0	0	0	0
Reduced Vol:	63	448	166	205	371	243	29	29	24	497	1186	544
PCE Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
MLF Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
FinalVolume:	63	448	166	205	371	243	29	29	24	497	1186	544
Saturation Flow Module:												
Sat/Lane:	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900
Adjustment:	0.83	1.00	0.92	0.83	1.00	0.92	0.92	1.00	0.92	0.92	1.00	0.92
Lanes:	2.00	2.00	1.00	2.00	2.00	1.00	1.00	2.00	1.00	1.00	2.00	1.00
Final Sat.:	3150	3800	1750	3150	3800	1750	1750	3800	1750	1750	3800	1750
Capacity Analysis Module:												
Vol/Sat:	0.02	0.12	0.09	0.07	0.10	0.14	0.02	0.01	0.01	0.28	0.31	0.31
Crit Moves:		****		****			****				****	
Green Time:	12.1	24.1	78.7	13.3	25.3	32.3	7.0	16.0	16.0	54.6	63.7	76.9
Volume/Cap:	0.20	0.59	0.14	0.59	0.46	0.52	0.28	0.06	0.10	0.62	0.59	0.48
Delay/Veh:	49.9	44.7	7.9	53.4	41.9	38.2	55.6	45.4	45.8	26.4	19.7	11.5
User DelAdj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
AdjDel/Veh:	49.9	44.7	7.9	53.4	41.9	38.2	55.6	45.4	45.8	26.4	19.7	11.5
LOS by Move:	D	D	A	D-	D	D+	E+	D	D	C	B-	B+
HCM2k95thQ:	3	14	5	10	12	16	3	1	2	27	26	20

Note: Queue reported is the number of cars per lane.

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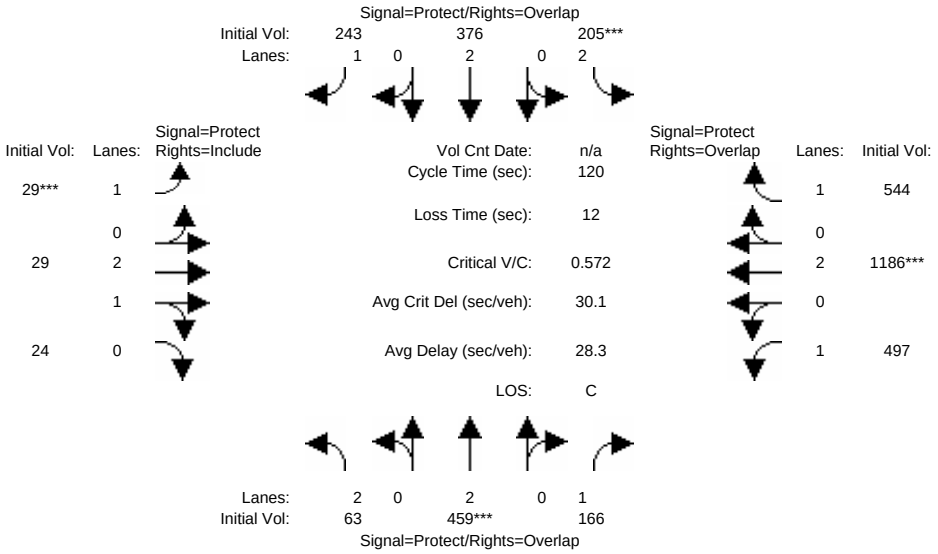
Milpitas Near-Term Cumulative Analysis

Level Of Service Computation Report
2000 HCM Operations (Future Volume Alternative)
Project AM

Intersection #106: Scott Creek Rd. & Warm Springs Blvd.



Street Name:	Warm Springs Blvd.						Scott Creek Rd.					
Approach:	North Bound			South Bound			East Bound			West Bound		
Movement:	L -	T -	R	L -	T -	R	L -	T -	R	L -	T -	R
Min. Green:	7	10	10	7	10	10	7	10	10	7	10	10
Volume Module:												
Base Vol:	63	448	166	205	371	243	29	29	24	497	1186	544
Growth Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Initial Bse:	63	448	166	205	371	243	29	29	24	497	1186	544
Added Vol:	0	11	0	0	5	0	0	0	0	0	0	0
PasserByVol:	0	0	0	0	0	0	0	0	0	0	0	0
Initial Fut:	63	459	166	205	376	243	29	29	24	497	1186	544
User Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
PHF Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
PHF Volume:	63	459	166	205	376	243	29	29	24	497	1186	544
Reduct Vol:	0	0	0	0	0	0	0	0	0	0	0	0
Reduced Vol:	63	459	166	205	376	243	29	29	24	497	1186	544
PCE Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
MLF Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
FinalVolume:	63	459	166	205	376	243	29	29	24	497	1186	544
Saturation Flow Module:												
Sat/Lane:	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900
Adjustment:	0.83	1.00	0.92	0.83	1.00	0.92	0.92	1.00	0.92	0.92	1.00	0.92
Lanes:	2.00	2.00	1.00	2.00	2.00	1.00	1.00	2.00	1.00	1.00	2.00	1.00
Final Sat.:	3150	3800	1750	3150	3800	1750	1750	3800	1750	1750	3800	1750
Capacity Analysis Module:												
Vol/Sat:	0.02	0.12	0.09	0.07	0.10	0.14	0.02	0.01	0.01	0.28	0.31	0.31
Crit Moves:		****		****			****				****	
Green Time:	12.2	24.5	78.9	13.2	25.5	32.5	7.0	15.9	15.9	54.4	63.3	76.5
Volume/Cap:	0.20	0.59	0.14	0.59	0.47	0.51	0.28	0.06	0.10	0.63	0.59	0.49
Delay/Veh:	49.7	44.4	7.9	53.6	41.7	38.0	55.6	45.5	45.8	26.7	19.9	11.8
User DelAdj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
AdjDel/Veh:	49.7	44.4	7.9	53.6	41.7	38.0	55.6	45.5	45.8	26.7	19.9	11.8
LOS by Move:	D	D	A	D-	D	D+	E+	D	D	C	B-	B+
HCM2k95thQ:	3	14	5	10	12	16	3	1	2	27	26	21

Note: Queue reported is the number of cars per lane.

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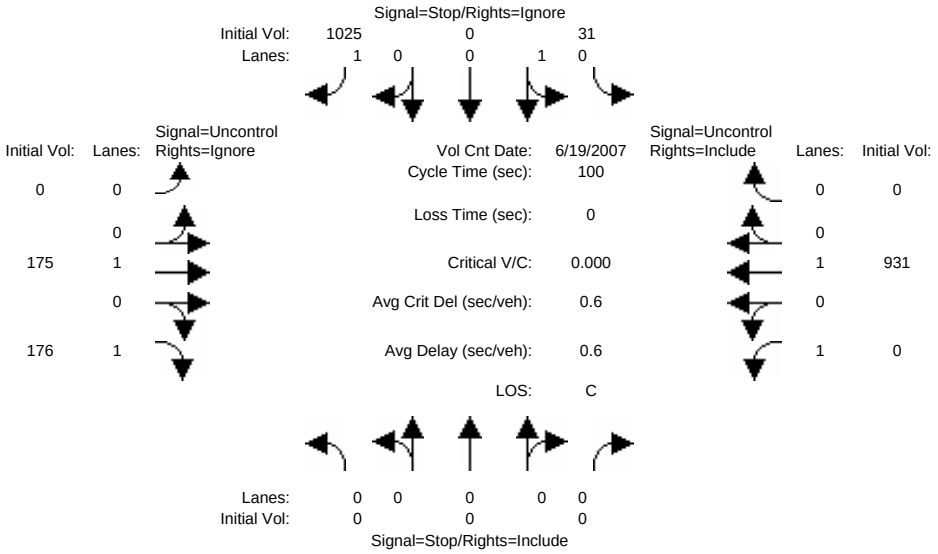
Milpitas Near-Term Cumulative Analysis

Level Of Service Computation Report
2000 HCM Unsignalized (Future Volume Alternative)
Existing AM

Intersection #107: Scott Creek Rd. & I-680 SB Ramps



Street Name:	I-680 SB Ramps						Scott Creek Rd.					
Approach:	North Bound			South Bound			East Bound			West Bound		
Movement:	L - T - R			L - T - R			L - T - R			L - T - R		
Volume Module: >> Count Date: 19 Jun 2007 <<												
Base Vol:	0	0	0	31	0	1025	0	175	176	0	931	0
Growth Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Initial Bse:	0	0	0	31	0	1025	0	175	176	0	931	0
Added Vol:	0	0	0	0	0	0	0	0	0	0	0	0
PasserByVol:	0	0	0	0	0	0	0	0	0	0	0	0
Initial Fut:	0	0	0	31	0	1025	0	175	176	0	931	0
User Adj:	1.00	1.00	1.00	1.00	1.00	0.00	1.00	0.00	0.00	1.00	1.00	1.00
PHF Adj:	1.00	1.00	1.00	1.00	1.00	0.00	1.00	1.00	0.00	1.00	1.00	1.00
PHF Volume:	0	0	0	31	0	0	0	0	0	0	931	0
Reduct Vol:	0	0	0	0	0	0	0	0	0	0	0	0
FinalVolume:	0	0	0	31	0	0	0	0	0	0	931	0
Critical Gap Module:												
Critical Gp:	xxxxx	xxxx	xxxxx	6.4	6.5	6.2	xxxxx	xxxx	xxxxx	xxxxx	xxxx	xxxxx
FollowUpTim:	xxxxx	xxxx	xxxxx	3.5	4.0	3.3	xxxxx	xxxx	xxxxx	xxxxx	xxxx	xxxxx
Capacity Module:												
Cnflict Vol:	xxxx	xxxx	xxxxx	931	931	931	xxxx	xxxx	xxxxx	xxxx	xxxx	xxxxx
Potent Cap.:	xxxx	xxxx	xxxxx	299	269	326	xxxx	xxxx	xxxxx	xxxx	xxxx	xxxxx
Move Cap.:	xxxx	xxxx	xxxxx	299	269	326	xxxx	xxxx	xxxxx	xxxx	xxxx	xxxxx
Volume/Cap:	xxxx	xxxx	xxxx	0.10	0.00	0.00	xxxx	xxxx	xxxx	xxxx	xxxx	xxxx
Level Of Service Module:												
2Way95thQ:	xxxx	xxxx	xxxxx	xxxx	xxxx	xxxxx	xxxx	xxxx	xxxxx	xxxx	xxxx	xxxxx
Control Del:	xxxxx	xxxx	xxxxx	xxxxx	xxxx	xxxxx	xxxxx	xxxx	xxxxx	xxxxx	xxxx	xxxxx
LOS by Move:	*	*	*	*	*	*	*	*	*	*	*	*
Movement:	LT - LTR - RT			LT - LTR - RT			LT - LTR - RT			LT - LTR - RT		
Shared Cap.:	xxxx	xxxx	xxxxx	299	xxxx	xxxxx	xxxx	xxxx	xxxxx	xxxx	xxxx	xxxxx
SharedQueue:	xxxxx	xxxx	xxxxx	0.3	xxxx	xxxxx	xxxxx	xxxx	xxxxx	xxxxx	xxxx	xxxxx
Shrd ConDel:	xxxxx	xxxx	xxxxx	18.4	xxxx	xxxxx	xxxxx	xxxx	xxxxx	xxxxx	xxxx	xxxxx
Shared LOS:	*	*	*	C	*	*	*	*	*	*	*	*
ApproachDel:	xxxxxx			18.4			xxxxxx			xxxxxx		
ApproachLOS:	*			C			*			*		

Note: Queue reported is the number of cars per lane.

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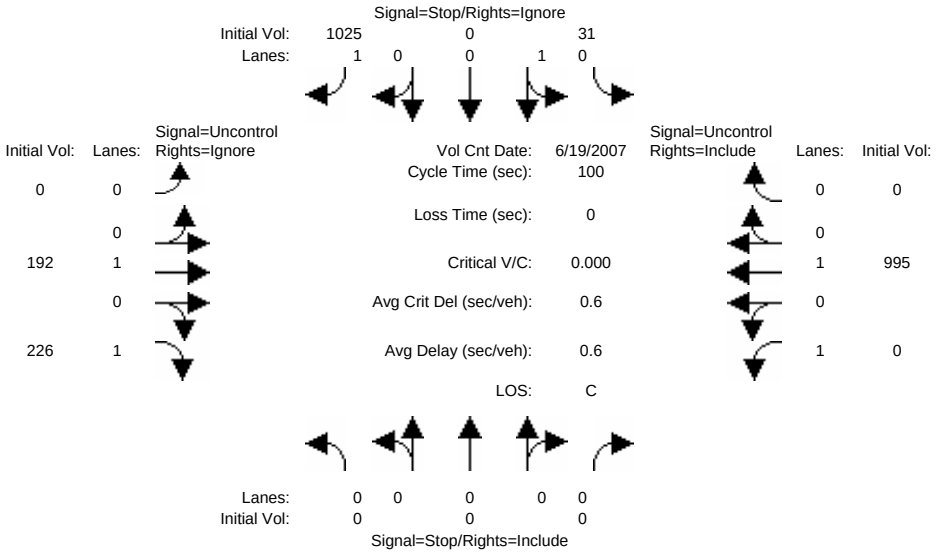
Milpitas Near-Term Cumulative Analysis

Level Of Service Computation Report
2000 HCM Unsignalized (Future Volume Alternative)
Background AM

Intersection #107: Scott Creek Rd. & I-680 SB Ramps



Street Name:	I-680 SB Ramps						Scott Creek Rd.					
Approach:	North Bound			South Bound			East Bound			West Bound		
Movement:	L - T - R			L - T - R			L - T - R			L - T - R		
Volume Module: >> Count Date: 19 Jun 2007 <<												
Base Vol:	0	0	0	31	0	1025	0	175	176	0	931	0
Growth Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Initial Bse:	0	0	0	31	0	1025	0	175	176	0	931	0
Added Vol:	0	0	0	0	0	0	0	0	0	0	0	0
ATI:	0	0	0	0	0	0	0	17	50	0	64	0
Initial Fut:	0	0	0	31	0	1025	0	192	226	0	995	0
User Adj:	1.00	1.00	1.00	1.00	1.00	0.00	1.00	0.00	0.00	1.00	1.00	1.00
PHF Adj:	1.00	1.00	1.00	1.00	1.00	0.00	1.00	1.00	0.00	1.00	1.00	1.00
PHF Volume:	0	0	0	31	0	0	0	0	0	0	995	0
Reduct Vol:	0	0	0	0	0	0	0	0	0	0	0	0
FinalVolume:	0	0	0	31	0	0	0	0	0	0	995	0
Critical Gap Module:												
Critical Gp:	xxxxx	xxxx	xxxxx	6.4	6.5	6.2	xxxxx	xxxx	xxxxx	xxxxx	xxxx	xxxxx
FollowUpTim:	xxxxx	xxxx	xxxxx	3.5	4.0	3.3	xxxxx	xxxx	xxxxx	xxxxx	xxxx	xxxxx
Capacity Module:												
Cnflict Vol:	xxxx	xxxx	xxxxx	995	995	995	xxxx	xxxx	xxxxx	xxxx	xxxx	xxxxx
Potent Cap.:	xxxx	xxxx	xxxxx	274	247	300	xxxx	xxxx	xxxxx	xxxx	xxxx	xxxxx
Move Cap.:	xxxx	xxxx	xxxxx	274	247	300	xxxx	xxxx	xxxxx	xxxx	xxxx	xxxxx
Volume/Cap:	xxxx	xxxx	xxxx	0.11	0.00	0.00	xxxx	xxxx	xxxx	xxxx	xxxx	xxxx
Level Of Service Module:												
2Way95thQ:	xxxx	xxxx	xxxxx	xxxx	xxxx	xxxxx	xxxx	xxxx	xxxxx	xxxx	xxxx	xxxxx
Control Del:	xxxxx	xxxx	xxxxx	xxxxx	xxxx	xxxxx	xxxxx	xxxx	xxxxx	xxxxx	xxxx	xxxxx
LOS by Move:	*	*	*	*	*	*	*	*	*	*	*	*
Movement:	LT - LTR - RT			LT - LTR - RT			LT - LTR - RT			LT - LTR - RT		
Shared Cap.:	xxxx	xxxx	xxxxx	274	xxxx	xxxxx	xxxx	xxxx	xxxxx	xxxx	xxxx	xxxxx
SharedQueue:	xxxxx	xxxx	xxxxx	0.4	xxxx	xxxxx	xxxxx	xxxx	xxxxx	xxxxx	xxxx	xxxxx
Shrd ConDel:	xxxxx	xxxx	xxxxx	19.8	xxxx	xxxxx	xxxxx	xxxx	xxxxx	xxxxx	xxxx	xxxxx
Shared LOS:	*	*	*	C	*	*	*	*	*	*	*	*
ApproachDel:	xxxxxx			19.8			xxxxxx			xxxxxx		
ApproachLOS:	*			C			*			*		

Note: Queue reported is the number of cars per lane.

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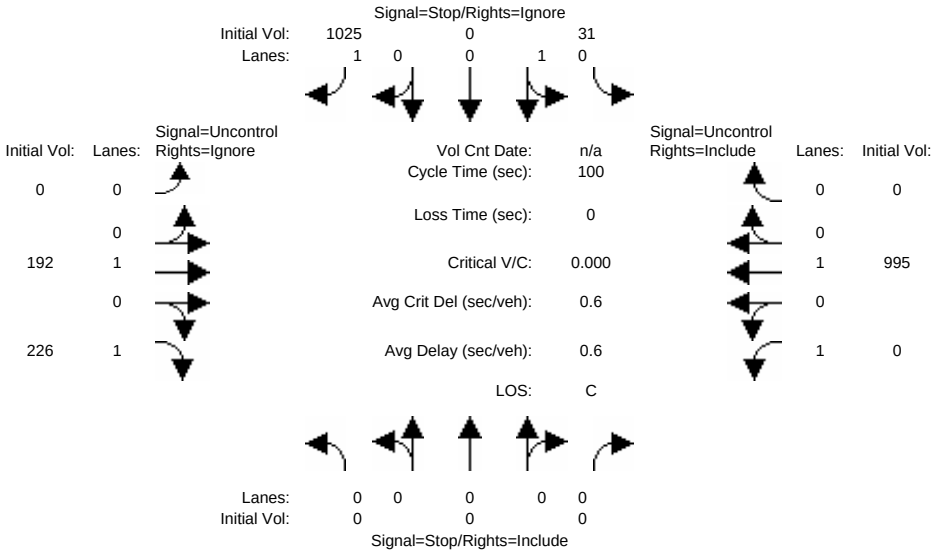
Milpitas Near-Term Cumulative Analysis

Level Of Service Computation Report
2000 HCM Unsignalized (Future Volume Alternative)
Project AM

Intersection #107: Scott Creek Rd. & I-680 SB Ramps



Street Name:	I-680 SB Ramps						Scott Creek Rd.					
Approach:	North Bound			South Bound			East Bound			West Bound		
Movement:	L - T - R			L - T - R			L - T - R			L - T - R		
Volume Module:												
Base Vol:	0	0	0	31	0	1025	0	192	226	0	995	0
Growth Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Initial Bse:	0	0	0	31	0	1025	0	192	226	0	995	0
Added Vol:	0	0	0	0	0	0	0	0	0	0	0	0
PasserByVol:	0	0	0	0	0	0	0	0	0	0	0	0
Initial Fut:	0	0	0	31	0	1025	0	192	226	0	995	0
User Adj:	1.00	1.00	1.00	1.00	1.00	0.00	1.00	0.00	0.00	1.00	1.00	1.00
PHF Adj:	1.00	1.00	1.00	1.00	1.00	0.00	1.00	1.00	0.00	1.00	1.00	1.00
PHF Volume:	0	0	0	31	0	0	0	0	0	0	995	0
Reduct Vol:	0	0	0	0	0	0	0	0	0	0	0	0
FinalVolume:	0	0	0	31	0	0	0	0	0	0	995	0
Critical Gap Module:												
Critical Gp:	xxxxx	xxxx	xxxxx	6.4	6.5	6.2	xxxxx	xxxx	xxxxx	xxxxx	xxxx	xxxxx
FollowUpTim:	xxxxx	xxxx	xxxxx	3.5	4.0	3.3	xxxxx	xxxx	xxxxx	xxxxx	xxxx	xxxxx
Capacity Module:												
Cnflict Vol:	xxxx	xxxx	xxxxx	995	995	995	xxxx	xxxx	xxxxx	xxxx	xxxx	xxxxx
Potent Cap.:	xxxx	xxxx	xxxxx	274	247	300	xxxx	xxxx	xxxxx	xxxx	xxxx	xxxxx
Move Cap.:	xxxx	xxxx	xxxxx	274	247	300	xxxx	xxxx	xxxxx	xxxx	xxxx	xxxxx
Volume/Cap:	xxxx	xxxx	xxxx	0.11	0.00	0.00	xxxx	xxxx	xxxx	xxxx	xxxx	xxxx
Level Of Service Module:												
2Way95thQ:	xxxx	xxxx	xxxxx	xxxx	xxxx	xxxxx	xxxx	xxxx	xxxxx	xxxx	xxxx	xxxxx
Control Del:	xxxxx	xxxx	xxxxx	xxxxx	xxxx	xxxxx	xxxxx	xxxx	xxxxx	xxxxx	xxxx	xxxxx
LOS by Move:	*	*	*	*	*	*	*	*	*	*	*	*
Movement:	LT - LTR - RT			LT - LTR - RT			LT - LTR - RT			LT - LTR - RT		
Shared Cap.:	xxxx	xxxx	xxxxx	274	xxxx	xxxxx	xxxx	xxxx	xxxxx	xxxx	xxxx	xxxxx
SharedQueue:	xxxxx	xxxx	xxxxx	0.4	xxxx	xxxxx	xxxxx	xxxx	xxxxx	xxxxx	xxxx	xxxxx
Shrd ConDel:	xxxxx	xxxx	xxxxx	19.8	xxxx	xxxxx	xxxxx	xxxx	xxxxx	xxxxx	xxxx	xxxxx
Shared LOS:	*	*	*	C	*	*	*	*	*	*	*	*
ApproachDel:	xxxxxx			19.8			xxxxxx			xxxxxx		
ApproachLOS:	*			C			*			*		

Note: Queue reported is the number of cars per lane.

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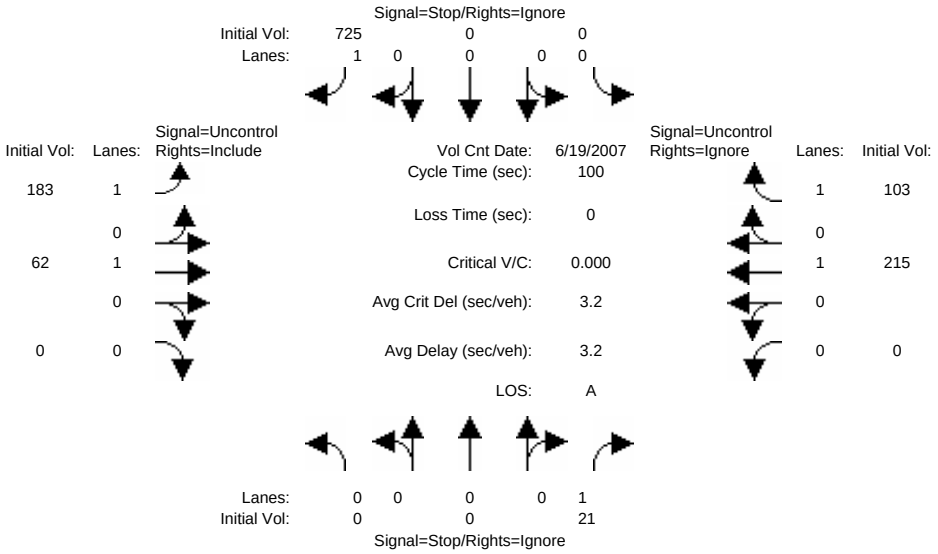
Level Of Service Computation Report
2000 HCM Unsignalized (Future Volume Alternative)
Existing AM

Intersection #108: Scott Creek Rd. & I-680 NB Ramps



Street Name:	I-680 NB Ramps						Scott Creek Rd.					
Approach:	North Bound			South Bound			East Bound			West Bound		
Movement:	L	T	R	L	T	R	L	T	R	L	T	R
Volume Module: >> Count Date: 19 Jun 2007 <<												
Base Vol:	0	0	21	0	0	725	183	62	0	0	215	103
Growth Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Initial Bse:	0	0	21	0	0	725	183	62	0	0	215	103
Added Vol:	0	0	0	0	0	0	0	0	0	0	0	0
PasserByVol:	0	0	0	0	0	0	0	0	0	0	0	0
Initial Fut:	0	0	21	0	0	725	183	62	0	0	215	103
User Adj:	1.00	1.00	0.00	1.00	1.00	0.00	1.00	1.00	1.00	1.00	1.00	0.00
PHF Adj:	1.00	1.00	0.00	1.00	1.00	0.00	1.00	1.00	1.00	1.00	1.00	0.00
PHF Volume:	0	0	0	0	0	0	183	62	0	0	215	0
Reduct Vol:	0	0	0	0	0	0	0	0	0	0	0	0
FinalVolume:	0	0	0	0	0	0	183	62	0	0	215	0
Critical Gap Module:												
Critical Gp:	xxxxx	xxxx	6.2	xxxxx	xxxx	6.2	4.1	xxxx	xxxxx	xxxxx	xxxx	xxxxx
FollowUpTim:	xxxxx	xxxx	3.3	xxxxx	xxxx	3.3	2.2	xxxx	xxxxx	xxxxx	xxxx	xxxxx
Capacity Module:												
Cnflict Vol:	xxxx	xxxx	62	xxxx	xxxx	215	215	xxxx	xxxxx	xxxx	xxxx	xxxxx
Potent Cap.:	xxxx	xxxx	1009	xxxx	xxxx	830	1367	xxxx	xxxxx	xxxx	xxxx	xxxxx
Move Cap.:	xxxx	xxxx	1009	xxxx	xxxx	830	1367	xxxx	xxxxx	xxxx	xxxx	xxxxx
Volume/Cap:	xxxx	xxxx	0.00	xxxx	xxxx	0.00	0.13	xxxx	xxxx	xxxx	xxxx	xxxx
Level Of Service Module:												
2Way95thQ:	xxxx	xxxx	xxxxx	xxxx	xxxx	xxxxx	0.5	xxxx	xxxxx	xxxx	xxxx	xxxxx
Control Del:	xxxxx	xxxx	xxxxx	xxxxx	xxxx	xxxxx	8.0	xxxx	xxxxx	xxxxx	xxxx	xxxxx
LOS by Move:	*	*	*	*	*	*	A	*	*	*	*	*
Movement:	LT	LTR	RT	LT	LTR	RT	LT	LTR	RT	LT	LTR	RT
Shared Cap.:	xxxx	xxxx	xxxxx	xxxx	xxxx	xxxxx	xxxx	xxxx	xxxxx	xxxx	xxxx	xxxxx
SharedQueue:	xxxxx	xxxx	xxxxx	xxxxx	xxxx	xxxxx	xxxxx	xxxx	xxxxx	xxxxx	xxxx	xxxxx
Shrd ConDel:	xxxxx	xxxx	xxxxx	xxxxx	xxxx	xxxxx	xxxxx	xxxx	xxxxx	xxxxx	xxxx	xxxxx
Shared LOS:	*	*	*	*	*	*	*	*	*	*	*	*
ApproachDel:	xxxxxx			xxxxxx			xxxxxx			xxxxxx		
ApproachLOS:	*			*			*			*		

Note: Queue reported is the number of cars per lane.

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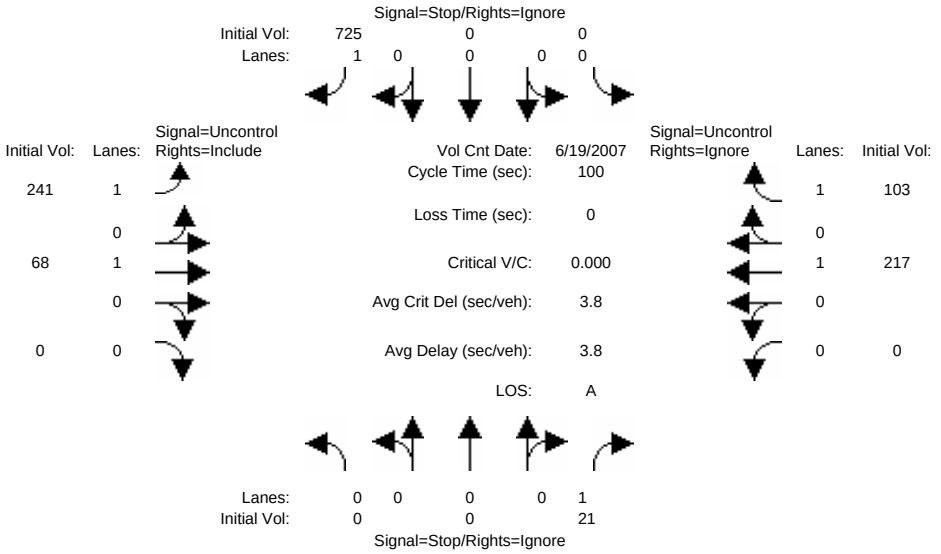
Milpitas Near-Term Cumulative Analysis

Level Of Service Computation Report
2000 HCM Unsignalized (Future Volume Alternative)
Background AM

Intersection #108: Scott Creek Rd. & I-680 NB Ramps



Street Name:	I-680 NB Ramps						Scott Creek Rd.					
Approach:	North Bound			South Bound			East Bound			West Bound		
Movement:	L	T	R	L	T	R	L	T	R	L	T	R
Volume Module: >> Count Date: 19 Jun 2007 <<												
Base Vol:	0	0	21	0	0	725	183	62	0	0	215	103
Growth Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Initial Bse:	0	0	21	0	0	725	183	62	0	0	215	103
Added Vol:	0	0	0	0	0	0	0	0	0	0	0	0
ATI:	0	0	0	0	0	0	58	6	0	0	2	0
Initial Fut:	0	0	21	0	0	725	241	68	0	0	217	103
User Adj:	1.00	1.00	0.00	1.00	1.00	0.00	1.00	1.00	1.00	1.00	1.00	0.00
PHF Adj:	1.00	1.00	0.00	1.00	1.00	0.00	1.00	1.00	1.00	1.00	1.00	0.00
PHF Volume:	0	0	0	0	0	0	241	68	0	0	217	0
Reduct Vol:	0	0	0	0	0	0	0	0	0	0	0	0
FinalVolume:	0	0	0	0	0	0	241	68	0	0	217	0
Critical Gap Module:												
Critical Gp:	xxxxx	xxxx	6.2	xxxxx	xxxx	6.2	4.1	xxxx	xxxxx	xxxxx	xxxx	xxxxx
FollowUpTim:	xxxxx	xxxx	3.3	xxxxx	xxxx	3.3	2.2	xxxx	xxxxx	xxxxx	xxxx	xxxxx
Capacity Module:												
Cnflict Vol:	xxxx	xxxx	68	xxxx	xxxx	217	217	xxxx	xxxxx	xxxx	xxxx	xxxxx
Potent Cap.:	xxxx	xxxx	1001	xxxx	xxxx	828	1365	xxxx	xxxxx	xxxx	xxxx	xxxxx
Move Cap.:	xxxx	xxxx	1001	xxxx	xxxx	828	1365	xxxx	xxxxx	xxxx	xxxx	xxxxx
Volume/Cap:	xxxx	xxxx	0.00	xxxx	xxxx	0.00	0.18	xxxx	xxxx	xxxx	xxxx	xxxx
Level Of Service Module:												
2Way95thQ:	xxxx	xxxx	xxxxx	xxxx	xxxx	xxxxx	0.6	xxxx	xxxxx	xxxx	xxxx	xxxxx
Control Del:	xxxxx	xxxx	xxxxx	xxxxx	xxxx	xxxxx	8.2	xxxx	xxxxx	xxxxx	xxxx	xxxxx
LOS by Move:	*	*	*	*	*	*	A	*	*	*	*	*
Movement:	LT	LTR	RT	LT	LTR	RT	LT	LTR	RT	LT	LTR	RT
Shared Cap.:	xxxx	xxxx	xxxxx	xxxx	xxxx	xxxxx	xxxx	xxxx	xxxxx	xxxx	xxxx	xxxxx
SharedQueue:	xxxxx	xxxx	xxxxx	xxxxx	xxxx	xxxxx	xxxxx	xxxx	xxxxx	xxxxx	xxxx	xxxxx
Shrd ConDel:	xxxxx	xxxx	xxxxx	xxxxx	xxxx	xxxxx	xxxxx	xxxx	xxxxx	xxxxx	xxxx	xxxxx
Shared LOS:	*	*	*	*	*	*	*	*	*	*	*	*
ApproachDel:	xxxxxx			xxxxxx			xxxxxx			xxxxxx		
ApproachLOS:	*			*			*			*		

Note: Queue reported is the number of cars per lane.

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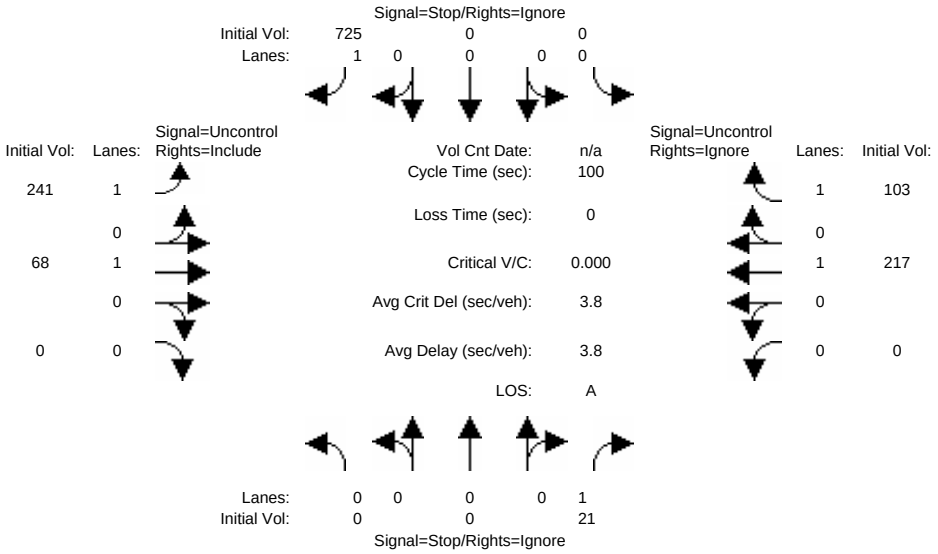
Level Of Service Computation Report
2000 HCM Unsignalized (Future Volume Alternative)
Project AM

Intersection #108: Scott Creek Rd. & I-680 NB Ramps



Street Name:	I-680 NB Ramps						Scott Creek Rd.					
Approach:	North Bound			South Bound			East Bound			West Bound		
Movement:	L	T	R	L	T	R	L	T	R	L	T	R
Volume Module:												
Base Vol:	0	0	21	0	0	725	241	68	0	0	217	103
Growth Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Initial Bse:	0	0	21	0	0	725	241	68	0	0	217	103
Added Vol:	0	0	0	0	0	0	0	0	0	0	0	0
PasserByVol:	0	0	0	0	0	0	0	0	0	0	0	0
Initial Fut:	0	0	21	0	0	725	241	68	0	0	217	103
User Adj:	1.00	1.00	0.00	1.00	1.00	0.00	1.00	1.00	1.00	1.00	1.00	0.00
PHF Adj:	1.00	1.00	0.00	1.00	1.00	0.00	1.00	1.00	1.00	1.00	1.00	0.00
PHF Volume:	0	0	0	0	0	0	241	68	0	0	217	0
Reduct Vol:	0	0	0	0	0	0	0	0	0	0	0	0
FinalVolume:	0	0	0	0	0	0	241	68	0	0	217	0
Critical Gap Module:												
Critical Gp:	xxxxx	xxxx	6.2	xxxxx	xxxx	6.2	4.1	xxxx	xxxxx	xxxxx	xxxx	xxxxx
FollowUpTim:	xxxxx	xxxx	3.3	xxxxx	xxxx	3.3	2.2	xxxx	xxxxx	xxxxx	xxxx	xxxxx
Capacity Module:												
Cnflict Vol:	xxxx	xxxx	68	xxxx	xxxx	217	217	xxxx	xxxxx	xxxx	xxxx	xxxxx
Potent Cap.:	xxxx	xxxx	1001	xxxx	xxxx	828	1365	xxxx	xxxxx	xxxx	xxxx	xxxxx
Move Cap.:	xxxx	xxxx	1001	xxxx	xxxx	828	1365	xxxx	xxxxx	xxxx	xxxx	xxxxx
Volume/Cap:	xxxx	xxxx	0.00	xxxx	xxxx	0.00	0.18	xxxx	xxxx	xxxx	xxxx	xxxx
Level Of Service Module:												
2Way95thQ:	xxxx	xxxx	xxxxx	xxxx	xxxx	xxxxx	0.6	xxxx	xxxxx	xxxx	xxxx	xxxxx
Control Del:	xxxxx	xxxx	xxxxx	xxxxx	xxxx	xxxxx	8.2	xxxx	xxxxx	xxxxx	xxxx	xxxxx
LOS by Move:	*	*	*	*	*	*	A	*	*	*	*	*
Movement:	LT	LTR	RT	LT	LTR	RT	LT	LTR	RT	LT	LTR	RT
Shared Cap.:	xxxx	xxxx	xxxxx	xxxx	xxxx	xxxxx	xxxx	xxxx	xxxxx	xxxx	xxxx	xxxxx
SharedQueue:	xxxxx	xxxx	xxxxx	xxxxx	xxxx	xxxxx	xxxxx	xxxx	xxxxx	xxxxx	xxxx	xxxxx
Shrd ConDel:	xxxxx	xxxx	xxxxx	xxxxx	xxxx	xxxxx	xxxxx	xxxx	xxxxx	xxxxx	xxxx	xxxxx
Shared LOS:	*	*	*	*	*	*	*	*	*	*	*	*
ApproachDel:	xxxxxx			xxxxxx			xxxxxx			xxxxxx		
ApproachLOS:	*			*			*			*		

Note: Queue reported is the number of cars per lane.

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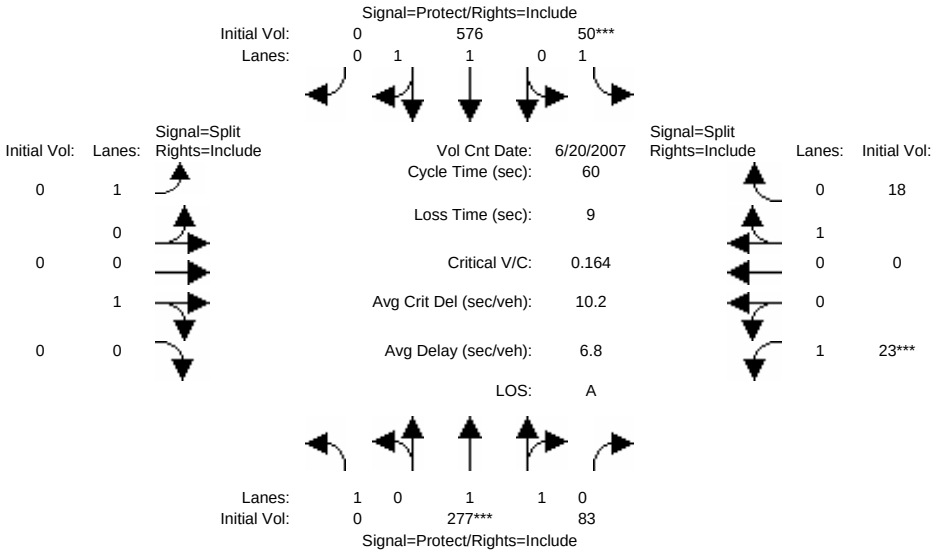
Level Of Service Computation Report
2000 HCM Operations (Future Volume Alternative)
Existing AM

Intersection #109: McCarthy Blvd. & Ranch Dr. (N)



Street Name:	McCarthy Blvd.						Ranch Dr. (N)					
Approach:	North Bound			South Bound			East Bound			West Bound		
Movement:	L	T	R	L	T	R	L	T	R	L	T	R
Min. Green:	7	10	10	7	10	0	0	0	0	10	0	10
Volume Module: >> Count Date: 20 Jun 2007 << 7-9am												
Base Vol:	0	277	83	50	576	0	0	0	0	23	0	18
Growth Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Initial Bse:	0	277	83	50	576	0	0	0	0	23	0	18
Added Vol:	0	0	0	0	0	0	0	0	0	0	0	0
PasserByVol:	0	0	0	0	0	0	0	0	0	0	0	0
Initial Fut:	0	277	83	50	576	0	0	0	0	23	0	18
User Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
PHF Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
PHF Volume:	0	277	83	50	576	0	0	0	0	23	0	18
Reduct Vol:	0	0	0	0	0	0	0	0	0	0	0	0
Reduced Vol:	0	277	83	50	576	0	0	0	0	23	0	18
PCE Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
MLF Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
FinalVolume:	0	277	83	50	576	0	0	0	0	23	0	18
Saturation Flow Module:												
Sat/Lane:	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900
Adjustment:	0.92	0.98	0.95	0.92	0.97	0.92	0.92	1.00	0.92	0.92	1.00	0.95
Lanes:	1.00	1.53	0.47	1.00	2.00	0.00	1.00	1.00	0.00	1.00	0.00	1.00
Final Sat.:	1750	2846	853	1750	3700	0	1750	1900	0	1750	0	1800
Capacity Analysis Module:												
Vol/Sat:	0.00	0.10	0.10	0.03	0.16	0.00	0.00	0.00	0.00	0.01	0.00	0.01
Crit Moves:		****		****						****		
Green Time:	0.0	31.7	31.7	9.3	41.0	0.0	0.0	0.0	0.0	10.0	0.0	10.0
Volume/Cap:	0.00	0.18	0.18	0.18	0.23	0.00	0.00	0.00	0.00	0.08	0.00	0.06
Delay/Veh:	0.0	7.6	7.6	23.5	3.8	0.0	0.0	0.0	0.0	21.6	0.0	21.4
User DelAdj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
AdjDel/Veh:	0.0	7.6	7.6	23.5	3.8	0.0	0.0	0.0	0.0	21.6	0.0	21.4
LOS by Move:	A	A	A	C	A	A	A	A	A	C+	A	C+
HCM2k95thQ:	0	4	4	2	5	0	0	0	0	1	0	1

Note: Queue reported is the number of cars per lane.

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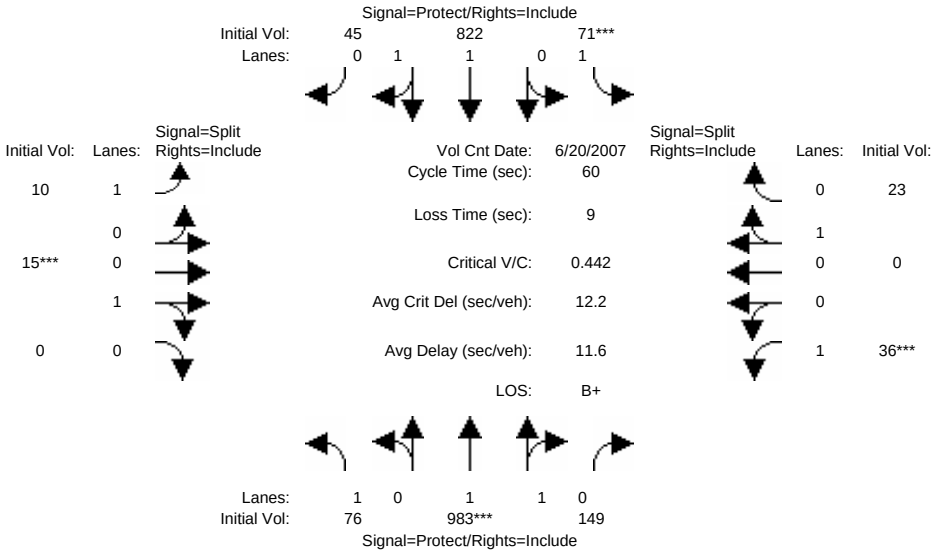
Milpitas Near-Term Cumulative Analysis

Level Of Service Computation Report
2000 HCM Operations (Future Volume Alternative)
Background AM

Intersection #109: McCarthy Blvd. & Ranch Dr. (N)



Street Name:	McCarthy Blvd.						Ranch Dr. (N)					
Approach:	North Bound			South Bound			East Bound			West Bound		
Movement:	L	T	R	L	T	R	L	T	R	L	T	R
Min. Green:	7	10	10	7	10	0	0	0	0	10	0	10
Volume Module: >> Count Date: 20 Jun 2007 << 7-9am												
Base Vol:	0	277	83	50	576	0	0	0	0	23	0	18
Growth Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Initial Bse:	0	277	83	50	576	0	0	0	0	23	0	18
Added Vol:	0	0	0	0	0	0	0	0	0	0	0	0
ATI:	76	706	66	21	246	45	10	15	0	13	0	5
Initial Fut:	76	983	149	71	822	45	10	15	0	36	0	23
User Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
PHF Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
PHF Volume:	76	983	149	71	822	45	10	15	0	36	0	23
Reduct Vol:	0	0	0	0	0	0	0	0	0	0	0	0
Reduced Vol:	76	983	149	71	822	45	10	15	0	36	0	23
PCE Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
MLF Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
FinalVolume:	76	983	149	71	822	45	10	15	0	36	0	23
Saturation Flow Module:												
Sat/Lane:	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900
Adjustment:	0.92	0.98	0.95	0.92	0.98	0.95	0.92	0.95	0.92	0.92	1.00	0.95
Lanes:	1.00	1.73	0.27	1.00	1.89	0.11	1.00	1.00	0.00	1.00	0.00	1.00
Final Sat.:	1750	3213	487	1750	3508	192	1750	1800	0	1750	0	1800
Capacity Analysis Module:												
Vol/Sat:	0.04	0.31	0.31	0.04	0.23	0.23	0.01	0.01	0.00	0.02	0.00	0.01
Crit Moves:		****		****				****		****		
Green Time:	6.3	33.1	33.1	7.0	33.8	33.8	0.9	0.9	0.0	10.0	0.0	10.0
Volume/Cap:	0.42	0.55	0.55	0.35	0.42	0.42	0.38	0.55	0.00	0.12	0.00	0.08
Delay/Veh:	32.0	9.8	9.8	29.0	8.1	8.1	66.4	92.4	0.0	22.1	0.0	21.6
User DelAdj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
AdjDel/Veh:	32.0	9.8	9.8	29.0	8.1	8.1	66.4	92.4	0.0	22.1	0.0	21.6
LOS by Move:	C	A	A	C	A	A	E	F	A	C+	A	C+
HCM2k95thQ:	4	14	14	4	10	10	2	3	0	2	0	1

Note: Queue reported is the number of cars per lane.

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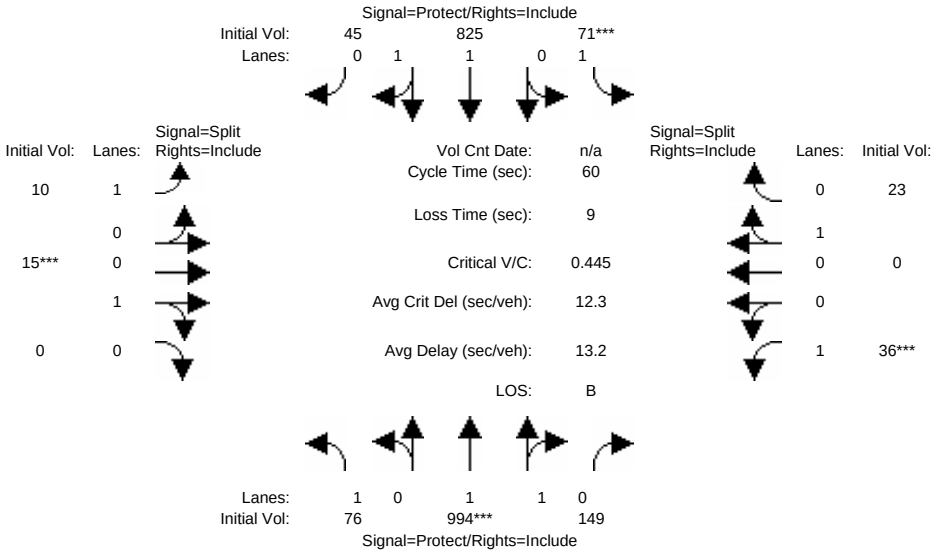
Milpitas Near-Term Cumulative Analysis

Level Of Service Computation Report
2000 HCM Operations (Future Volume Alternative)
Project AM

Intersection #109: McCarthy Blvd. & Ranch Dr. (N)



Street Name:	McCarthy Blvd.						Ranch Dr. (N)					
Approach:	North Bound			South Bound			East Bound			West Bound		
Movement:	L - T - R			L - T - R			L - T - R			L - T - R		
Min. Green:	7	10	10	7	10	0	0	0	0	10	0	10
Volume Module:												
Base Vol:	76	983	149	71	822	45	10	15	0	36	0	23
Growth Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Initial Bse:	76	983	149	71	822	45	10	15	0	36	0	23
Added Vol:	0	11	0	0	3	0	0	0	0	0	0	0
PasserByVol:	0	0	0	0	0	0	0	0	0	0	0	0
Initial Fut:	76	994	149	71	825	45	10	15	0	36	0	23
User Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
PHF Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
PHF Volume:	76	994	149	71	825	45	10	15	0	36	0	23
Reduct Vol:	0	0	0	0	0	0	0	0	0	0	0	0
Reduced Vol:	76	994	149	71	825	45	10	15	0	36	0	23
PCE Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
MLF Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
FinalVolume:	76	994	149	71	825	45	10	15	0	36	0	23
Saturation Flow Module:												
Sat/Lane:	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900
Adjustment:	0.92	0.98	0.95	0.92	0.98	0.95	0.92	0.95	0.92	0.92	1.00	0.95
Lanes:	1.00	1.73	0.27	1.00	1.89	0.11	1.00	1.00	0.00	1.00	0.00	1.00
Final Sat.:	1750	3217	482	1750	3508	191	1750	1800	0	1750	0	1800
Capacity Analysis Module:												
Vol/Sat:	0.04	0.31	0.31	0.04	0.24	0.24	0.01	0.01	0.00	0.02	0.00	0.01
Crit Moves:		****		****				****		****		
Green Time:	13.3	33.1	33.1	7.0	26.8	26.8	0.9	0.9	0.0	10.0	0.0	10.0
Volume/Cap:	0.20	0.56	0.56	0.35	0.53	0.53	0.38	0.56	0.00	0.12	0.00	0.08
Delay/Veh:	20.1	9.8	9.8	29.0	13.2	13.2	67.2	93.8	0.0	22.1	0.0	21.6
User DelAdj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
AdjDel/Veh:	20.1	9.8	9.8	29.0	13.2	13.2	67.2	93.8	0.0	22.1	0.0	21.6
LOS by Move:	C+	A	A	C	B	B	E	F	A	C+	A	C+
HCM2k95thQ:	3	14	14	4	12	12	2	3	0	2	0	1

Note: Queue reported is the number of cars per lane.

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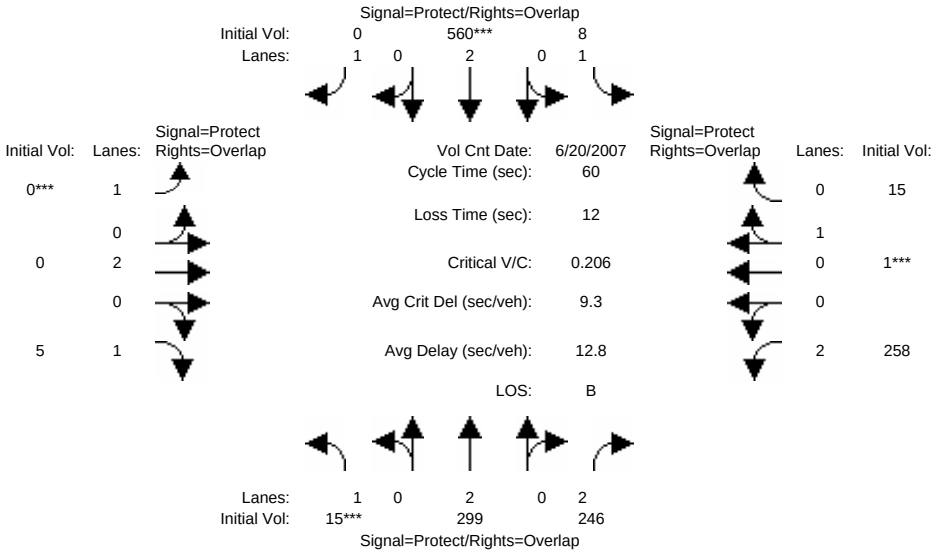
Milpitas Near-Term Cumulative Analysis

Level Of Service Computation Report
2000 HCM Operations (Future Volume Alternative)
Existing AM

Intersection #110: McCarthy Blvd. & Ranch Dr. (S)



Street Name:	McCarthy Blvd.						Ranch Dr. (S)					
Approach:	North Bound			South Bound			East Bound			West Bound		
Movement:	L	T	R	L	T	R	L	T	R	L	T	R
Min. Green:	7	10	10	7	10	10	7	10	10	7	10	10
Volume Module: >> Count Date: 20 Jun 2007 << 7-9am												
Base Vol:	15	299	246	8	560	0	0	0	5	258	1	15
Growth Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Initial Bse:	15	299	246	8	560	0	0	0	5	258	1	15
Added Vol:	0	0	0	0	0	0	0	0	0	0	0	0
PasserByVol:	0	0	0	0	0	0	0	0	0	0	0	0
Initial Fut:	15	299	246	8	560	0	0	0	5	258	1	15
User Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
PHF Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
PHF Volume:	15	299	246	8	560	0	0	0	5	258	1	15
Reduct Vol:	0	0	0	0	0	0	0	0	0	0	0	0
Reduced Vol:	15	299	246	8	560	0	0	0	5	258	1	15
PCE Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
MLF Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
FinalVolume:	15	299	246	8	560	0	0	0	5	258	1	15
Saturation Flow Module:												
Sat/Lane:	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900
Adjustment:	0.92	1.00	0.83	0.92	1.00	0.92	0.92	1.00	0.92	0.83	0.95	0.95
Lanes:	1.00	2.00	2.00	1.00	2.00	1.00	1.00	2.00	1.00	2.00	0.06	0.94
Final Sat.:	1750	3800	3150	1750	3800	1750	1750	3800	1750	3150	112	1687
Capacity Analysis Module:												
Vol/Sat:	0.01	0.08	0.08	0.00	0.15	0.00	0.00	0.00	0.00	0.08	0.01	0.01
Crit Moves:	****				****		****				****	
Green Time:	7.0	22.4	32.4	15.6	31.0	0.0	0.0	0.0	7.0	10.0	10.0	25.6
Volume/Cap:	0.07	0.21	0.14	0.02	0.29	0.00	0.00	0.00	0.02	0.49	0.05	0.02
Delay/Veh:	24.3	13.2	7.1	16.5	8.6	0.0	0.0	0.0	23.7	26.0	21.4	10.0
User DelAdj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
AdjDel/Veh:	24.3	13.2	7.1	16.5	8.6	0.0	0.0	0.0	23.7	26.0	21.4	10.0
LOS by Move:	C	B	A	B	A	A	A	A	C	C	C+	A
HCM2k95thQ:	1	4	3	0	7	0	0	0	0	7	1	0

Note: Queue reported is the number of cars per lane.

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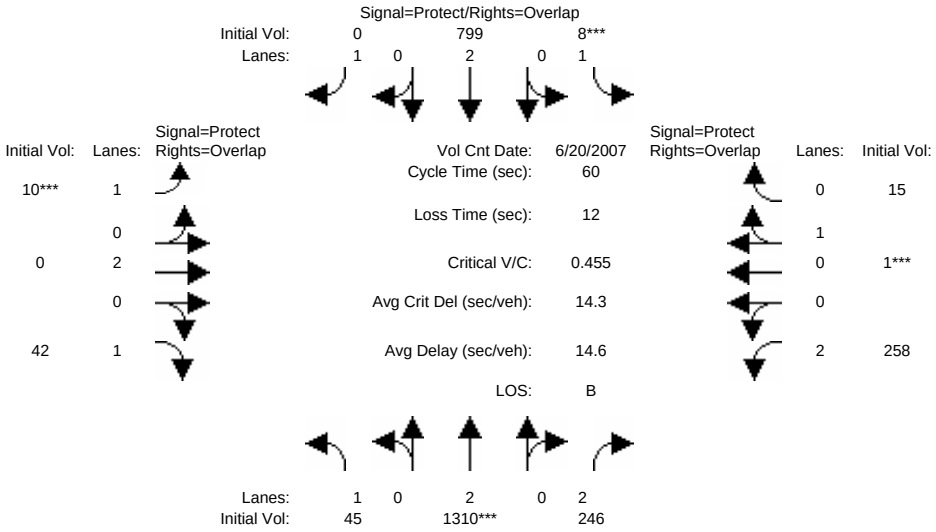
Milpitas Near-Term Cumulative Analysis

Level Of Service Computation Report
2000 HCM Operations (Future Volume Alternative)
Background AM

Intersection #110: McCarthy Blvd. & Ranch Dr. (S)



Street Name:	McCarthy Blvd.						Ranch Dr. (S)					
Approach:	North Bound			South Bound			East Bound			West Bound		
Movement:	L -	T -	R	L -	T -	R	L -	T -	R	L -	T -	R
Min. Green:	7	10	10	7	10	10	7	10	10	7	10	10
Volume Module: >> Count Date: 20 Jun 2007 << 7-9am												
Base Vol:	15	299	246	8	560	0	0	0	5	258	1	15
Growth Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Initial Bse:	15	299	246	8	560	0	0	0	5	258	1	15
Added Vol:	0	0	0	0	0	0	0	0	0	0	0	0
ATI:	30	1011	0	0	239	0	10	0	37	0	0	0
Initial Fut:	45	1310	246	8	799	0	10	0	42	258	1	15
User Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
PHF Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
PHF Volume:	45	1310	246	8	799	0	10	0	42	258	1	15
Reduct Vol:	0	0	0	0	0	0	0	0	0	0	0	0
Reduced Vol:	45	1310	246	8	799	0	10	0	42	258	1	15
PCE Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
MLF Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
FinalVolume:	45	1310	246	8	799	0	10	0	42	258	1	15
Saturation Flow Module:												
Sat/Lane:	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900
Adjustment:	0.92	1.00	0.83	0.92	1.00	0.92	0.92	1.00	0.92	0.83	0.95	0.95
Lanes:	1.00	2.00	2.00	1.00	2.00	1.00	1.00	2.00	1.00	2.00	0.06	0.94
Final Sat.:	1750	3800	3150	1750	3800	1750	1750	3800	1750	3150	112	1687
Capacity Analysis Module:												
Vol/Sat:	0.03	0.34	0.08	0.00	0.21	0.00	0.01	0.00	0.02	0.08	0.01	0.01
Crit Moves:		****			****			****			****	
Green Time:	13.4	30.5	41.0	7.0	24.1	0.0	0.5	0.0	13.9	10.5	10.0	17.0
Volume/Cap:	0.12	0.68	0.11	0.04	0.52	0.00	0.68	0.00	0.10	0.47	0.05	0.03
Delay/Veh:	19.2	13.0	3.4	23.9	14.9	0.0	163.5	0.0	18.7	25.1	21.4	15.7
User DelAdj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
AdjDel/Veh:	19.2	13.0	3.4	23.9	14.9	0.0	163.5	0.0	18.7	25.1	21.4	15.7
LOS by Move:	B-	B	A	C	B	A	F	A	B-	C	C+	B
HCM2k95thQ:	2	17	2	0	12	0	3	0	2	7	1	1

Note: Queue reported is the number of cars per lane.

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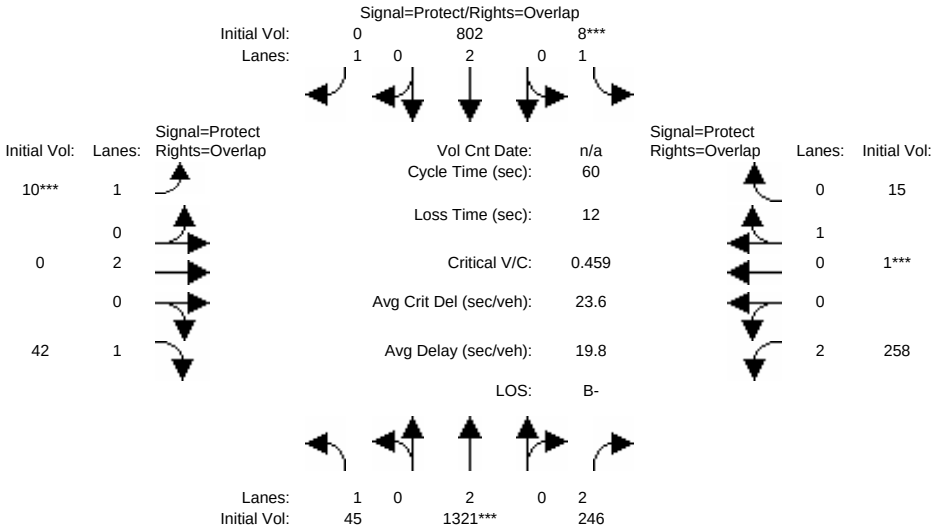
Milpitas Near-Term Cumulative Analysis

Level Of Service Computation Report
2000 HCM Operations (Future Volume Alternative)
Project AM

Intersection #110: McCarthy Blvd. & Ranch Dr. (S)



Street Name:	McCarthy Blvd.						Ranch Dr. (S)					
Approach:	North Bound			South Bound			East Bound			West Bound		
Movement:	L -	T -	R	L -	T -	R	L -	T -	R	L -	T -	R
Min. Green:	7	10	10	7	10	10	7	10	10	7	10	10
Volume Module:												
Base Vol:	45	1310	246	8	799	0	10	0	42	258	1	15
Growth Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Initial Bse:	45	1310	246	8	799	0	10	0	42	258	1	15
Added Vol:	0	11	0	0	3	0	0	0	0	0	0	0
PasserByVol:	0	0	0	0	0	0	0	0	0	0	0	0
Initial Fut:	45	1321	246	8	802	0	10	0	42	258	1	15
User Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
PHF Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
PHF Volume:	45	1321	246	8	802	0	10	0	42	258	1	15
Reduct Vol:	0	0	0	0	0	0	0	0	0	0	0	0
Reduced Vol:	45	1321	246	8	802	0	10	0	42	258	1	15
PCE Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
MLF Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
FinalVolume:	45	1321	246	8	802	0	10	0	42	258	1	15
Saturation Flow Module:												
Sat/Lane:	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900
Adjustment:	0.92	1.00	0.83	0.92	1.00	0.92	0.92	1.00	0.92	0.83	0.95	0.95
Lanes:	1.00	2.00	2.00	1.00	2.00	1.00	1.00	2.00	1.00	2.00	0.06	0.94
Final Sat.:	1750	3800	3150	1750	3800	1750	1750	3800	1750	3150	112	1687
Capacity Analysis Module:												
Vol/Sat:	0.03	0.35	0.08	0.00	0.21	0.00	0.01	0.00	0.02	0.08	0.01	0.01
Crit Moves:		****		****			****				****	
Green Time:	11.0	24.0	41.0	7.0	20.0	0.0	7.0	0.0	18.0	17.0	10.0	17.0
Volume/Cap:	0.14	0.87	0.11	0.04	0.63	0.00	0.05	0.00	0.08	0.29	0.05	0.03
Delay/Veh:	21.4	23.6	3.4	23.9	19.4	0.0	24.0	0.0	15.3	17.6	21.4	15.7
User DelAdj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
AdjDel/Veh:	21.4	23.6	3.4	23.9	19.4	0.0	24.0	0.0	15.3	17.6	21.4	15.7
LOS by Move:	C+	C	A	C	B-	A	C	A	B	B	C+	B
HCM2k95thQ:	2	23	2	0	13	0	1	0	2	5	1	1

Note: Queue reported is the number of cars per lane.

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Milpitas Near-Term Cumulative Analysis

Summary Scenario Comparison Report (With Average Critical Delay)
Future Volume Alternative

Intersection		Existing PM				Background PM				Project PM						???			
		LOS	Avg Del (sec)	Crit V/C	Avg Crit Del (sec)	LOS	Avg Del (sec)	Crit V/C	Avg Crit Del (sec)	LOS	Avg Del (sec)	Crit V/C	Crit V/C Change	Avg Crit Del (sec)	Avg Crit Del Change	LOS	Avg Del (sec)	Crit V/C	Avg Crit Del (sec)
#1	McCarthy Blvd. & SR 237 WB Ramps	B-	18.1	0.746	23.3	C	24.9	0.927	34.3	C	25.4	0.935	+ 0.008	35.4	+ 1.1	?	xx.x	x.xxx	xx.x
#2	McCarthy Blvd. & SR 237 EB Ramps	B	15.1	0.596	17.7	B	16.6	0.769	21.1	B	17.4	0.822	+ 0.053	22.6	+ 1.5	?	xx.x	x.xxx	xx.x
#3	SR 237 & I-880 SB Ramps	A	8.4	0.680	7.8	A	9.5	0.786	9.8	B+	10.9	0.829	+ 0.043	12.0	+ 2.2	?	xx.x	x.xxx	xx.x
#4	Calaveras Blvd. & I-880 NB Ramps	E	69.4	1.041	91.3	F	89.3	1.116	122.3	F	92.8	1.130	+ 0.014	128.3	+ 6.0	?	xx.x	x.xxx	xx.x
#5	Calaveras Blvd. / Abel St. [CMP]	D	43.5	0.765	42.7	D-	53.0	0.936	56.1	D-	54.1	0.947	+ 0.011	57.4	+ 1.3	?	xx.x	x.xxx	xx.x
#6	Milpitas Blvd. / Calaveras Blvd. [CMP]	D	41.6	0.749	51.2	D	45.7	0.884	60.1	D	46.3	0.900	+ 0.016	61.6	+ 1.5	?	xx.x	x.xxx	xx.x
#7	McCarthy Blvd. & Bellew Dr.	C-	32.2	0.718	39.1	D-	51.1	0.851	75.3	E-	76.3	0.942	+0.091	119.0	+ 42.7	?	xx.x	x.xxx	xx.x
#8	Barber Ln & Bellew Dr	B	17.2	0.404	18.4	B-	18.5	0.516	20.8	E	68.6	0.726	0.210	105.2	+ 84.4	?	xx.x	x.xxx	xx.x
#9	McCarthy Blvd. & Alder Dr.	B	16.4	0.596	22.5	E	61.5	0.930	90.8	E	62.0	0.931	+ 0.002	91.7	+ 0.9	?	xx.x	x.xxx	xx.x
#10	McCarthy Blvd. & Tasman Dr.	D+	37.5	0.527	44.3	D	43.1	0.697	36.0	D	43.2	0.702	+ 0.005	36.2	+ 0.2	?	xx.x	x.xxx	xx.x
#11	Tasman Dr. & Alder Dr.	D	46.6	0.922	51.5	F	137.0	1.232	165.2	F	160.5	1.334	+ 0.102	194.0	+ 28.8	?	xx.x	x.xxx	xx.x
#12	Barber Ln / Alder Dr	B	15.9	0.245	14.2	B	13.7	0.309	14.2	B	17.7	0.405	+ 0.096	14.2	- 0.0	?	xx.x	x.xxx	xx.x
#13	Tasman Dr. & I-880 SB Ramps	B-	19.7	0.723	34.8	E	61.7	1.224	146.1	E	66.1	1.258	+ 0.033	159.6	+ 13.6	?	xx.x	x.xxx	xx.x
#14	Great Mall Pkwy. & I-880 NB Ramps	C	27.4	0.761	29.1	E+	58.7	1.042	69.3	E	60.6	1.039	- 0.003	73.1	+ 3.8	?	xx.x	x.xxx	xx.x
#15	McCarthy Blvd / Barber Ln	C+	21.6	0.425	23.8	C	24.0	0.513	27.1	C	26.3	0.556	+ 0.044	30.9	+ 3.8	?	xx.x	x.xxx	xx.x
#16	McCarthy Blvd. / Montague Expy. [CMP]	E	65.1	0.917	75.8	F	116.3	1.193	157.9	F	119.7	1.204	+ 0.011	162.9	+ 5.0	?	xx.x	x.xxx	xx.x
#17	Montague Expy. / Great Mall Pkwy./Capitol Ave. [CMP]	D-	53.6	0.671	58.2	F	94.6	0.909	137.8	F	96.6	0.919	+ 0.009	141.9	+ 4.1	?	xx.x	x.xxx	xx.x
#18	Trimble / Montague Expy [CMP]	D+	38.9	0.588	43.9	D+	38.9	0.755	38.9	D+	35.9	0.763	+ 0.008	35.9	- 2.9	?	xx.x	x.xxx	xx.x
#19	Montague Expy / River Oaks	C	28.1	0.302	20.4	D	43.7	0.496	46.1	D	44.8	0.520	+ 0.024	48.1	+ 1.9	?	xx.x	x.xxx	xx.x
#20	Zanker Rd / Montague Expy [CMP]	E+	56.5	0.746	63.6	E	71.8	0.976	93.0	E	72.2	0.979	+ 0.003	93.7	+ 0.7	?	xx.x	x.xxx	xx.x
#21	N 1st St / Montague Expy [CMP]	E	72.5	1.021	94.4	F	182.0	1.497	289.3	F	183.0	1.501	+ 0.005	291.3	+ 1.9	?	xx.x	x.xxx	xx.x
#22	Montague Expy / De la Cruz [CMP]	D	41.0	0.798	47.3	D	47.6	0.964	59.3	D	47.8	0.967	+ 0.003	59.8	+ 0.5	?	xx.x	x.xxx	xx.x
#23	Capitol/Cropley	E+	56.1	0.929	63.8	E	62.1	0.965	70.2	E	62.9	0.971	+ 0.005	71.3	+ 1.1	?	xx.x	x.xxx	xx.x
#24	Great Mall Pkwy. & Main St.	D	40.7	0.593	52.9	D	39.6	0.649	34.0	D	39.6	0.653	+ 0.003	33.9	- 0.1	?	xx.x	x.xxx	xx.x
#25	Great Mall Pkwy. & Abel St.	D	39.3	0.621	34.9	D	44.8	0.816	42.1	D	44.9	0.819	+ 0.003	42.2	+ 0.1	?	xx.x	x.xxx	xx.x
#26	Zanker Rd / Tasman Dr	C	31.3	0.487	35.5	D	39.1	0.780	47.3	D	39.2	0.784	+ 0.004	47.5	+ 0.1	?	xx.x	x.xxx	xx.x

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Milpitas Near-Term Cumulative Analysis

Summary Scenario Comparison Report (With Average Critical Delay)
Future Volume Alternative

Intersection		Existing PM				Background PM				Project PM						???			
		LOS	Avg Del (sec)	Crit V/C	Avg Crit Del (sec)	LOS	Avg Del (sec)	Crit V/C	Avg Crit Del (sec)	LOS	Avg Del (sec)	Crit V/C	Crit V/C Change	Avg Crit Del (sec)	Avg Crit Del Change	LOS	Avg Del (sec)	Crit V/C	Avg Crit Del (sec)
#27	N. 1st St / Tasman Dr	D+	37.0	0.534	39.9	D	49.0	0.929	57.5	D	49.3	0.932	+ 0.003	58.1	+ 0.6	?	xx.x	x.xxx	xx.x
#101	Dixon Landing Rd. & McCarthy Blvd.	A	7.9	0.341	7.9	A	9.4	0.490	14.0	A	9.5	0.496	+ 0.006	9.5	- 4.5	?	xx.x	x.xxx	xx.x
#102	Dixon Landing Rd. & I-880 SB Ramps	A	9.2	0.319	9.4	A	7.8	0.368	8.8	B	13.4	0.457	+ 0.089	14.1	+ 5.3	?	xx.x	x.xxx	xx.x
#103	Dixon Landing Rd. & I-880 NB Ramps	C+	20.8	0.515	24.4	C+	21.5	0.579	25.7	C+	21.5	0.580	+ 0.001	25.8	+ 0.0	?	xx.x	x.xxx	xx.x
#104	California Circle & I-880 NB Ramps	B	14.6	0.553	15.8	B	15.3	0.588	17.0	B	15.3	0.588	+ 0.000	17.0	+ 0.0	?	xx.x	x.xxx	xx.x
#105	Dixon Landing Rd. & N. Milpitas Blvd.	D	50.1	0.821	59.8	E	62.2	0.976	82.8	E	63.3	0.986	+ 0.010	85.3	+ 2.5	?	xx.x	x.xxx	xx.x
#106	Scott Creek Rd. & Warm Springs Blvd.	D+	36.0	0.622	41.6	D+	36.3	0.673	39.4	D+	36.3	0.673	+ 0.000	39.4	+ 0.0	?	xx.x	x.xxx	xx.x
#107	Scott Creek Rd. & I-680 SB Ramps	B	3.0	0.000	3.0	B	2.9	0.000	2.9	B	2.9	0.000	+ 0.000	2.9	+ 0.0	?	xx.x	x.xxx	xx.x
#108	Scott Creek Rd. & I-680 NB Ramps	A	6.9	0.000	6.9	A	7.2	0.000	7.2	A	7.2	0.000	+ 0.000	7.2	+ 0.0	?	xx.x	x.xxx	xx.x
#109	McCarthy Blvd. & Ranch Dr. (N)	B+	11.3	0.466	13.7	B	14.0	0.630	17.7	B	16.8	0.632	+ 0.002	17.7	+ 0.0	?	xx.x	x.xxx	xx.x
#110	McCarthy Blvd. & Ranch Dr. (S)	B	15.6	0.627	20.6	C+	20.9	0.792	25.1	C+	20.6	0.559	- 0.233	23.6	- 1.5	?	xx.x	x.xxx	xx.x

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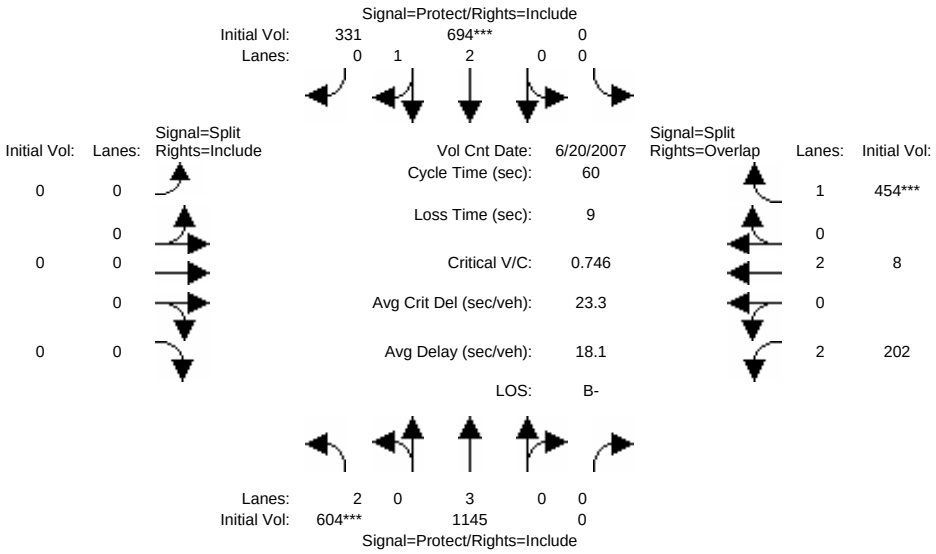
Level Of Service Computation Report
2000 HCM Operations (Future Volume Alternative)
Existing PM

Intersection #1: McCarthy Blvd. & SR 237 WB Ramps



Street Name:	McCarthy Blvd.						SR 237 WB Ramps					
Approach:	North Bound			South Bound			East Bound			West Bound		
Movement:	L -	T -	R	L -	T -	R	L -	T -	R	L -	T -	R
Min. Green:	7	10	0	0	10	10	0	0	0	10	10	10
Volume Module: >> Count Date: 20 Jun 2007 <<												
Base Vol:	604	1145	0	0	694	331	0	0	0	202	8	454
Growth Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Initial Bse:	604	1145	0	0	694	331	0	0	0	202	8	454
Added Vol:	0	0	0	0	0	0	0	0	0	0	0	0
PasserByVol:	0	0	0	0	0	0	0	0	0	0	0	0
Initial Fut:	604	1145	0	0	694	331	0	0	0	202	8	454
User Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
PHF Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
PHF Volume:	604	1145	0	0	694	331	0	0	0	202	8	454
Reduct Vol:	0	0	0	0	0	0	0	0	0	0	0	0
Reduced Vol:	604	1145	0	0	694	331	0	0	0	202	8	454
PCE Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
MLF Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
FinalVolume:	604	1145	0	0	694	331	0	0	0	202	8	454
Saturation Flow Module:												
Sat/Lane:	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900
Adjustment:	0.83	1.00	0.92	0.92	1.00	0.95	0.92	1.00	0.92	0.83	1.00	0.92
Lanes:	2.00	3.00	0.00	0.00	2.00	1.00	0.00	0.00	0.00	2.00	2.00	1.00
Final Sat.:	3150	5700	0	0	3797	1800	0	0	0	3150	3800	1750
Capacity Analysis Module:												
Vol/Sat:	0.19	0.20	0.00	0.00	0.18	0.18	0.00	0.00	0.00	0.06	0.00	0.26
Crit Moves:	****				****							****
Green Time:	15.4	30.1	0.0	0.0	14.7	14.7	0.0	0.0	0.0	20.9	20.9	20.9
Volume/Cap:	0.75	0.40	0.00	0.00	0.75	0.75	0.00	0.00	0.00	0.18	0.01	0.75
Delay/Veh:	24.3	9.4	0.0	0.0	23.2	23.3	0.0	0.0	0.0	13.7	12.8	22.3
User DelAdj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
AdjDel/Veh:	24.3	9.4	0.0	0.0	23.2	23.3	0.0	0.0	0.0	13.7	12.8	22.3
LOS by Move:	C	A	A	A	C	C	A	A	A	B	B	C+
HCM2k95thQ:	12	8	0	0	12	12	0	0	0	3	0	18

Note: Queue reported is the number of cars per lane.

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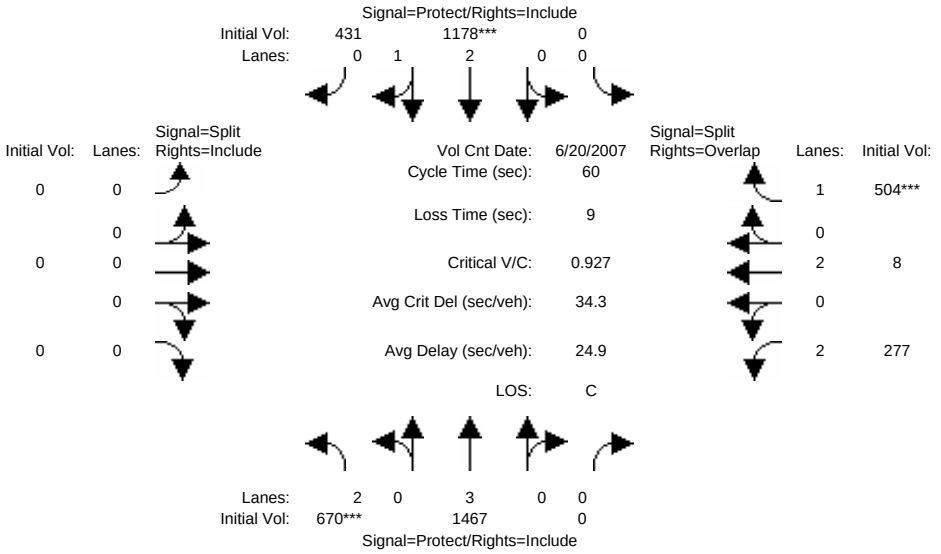
Milpitas Near-Term Cumulative Analysis

Level Of Service Computation Report
2000 HCM Operations (Future Volume Alternative)
Background PM

Intersection #1: McCarthy Blvd. & SR 237 WB Ramps



Street Name:	McCarthy Blvd.						SR 237 WB Ramps					
Approach:	North Bound			South Bound			East Bound			West Bound		
Movement:	L	T	R	L	T	R	L	T	R	L	T	R
Min. Green:	7	10	0	0	10	10	0	0	0	10	10	10
Volume Module: >> Count Date: 20 Jun 2007 <<												
Base Vol:	604	1145	0	0	694	331	0	0	0	202	8	454
Growth Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Initial Bse:	604	1145	0	0	694	331	0	0	0	202	8	454
Added Vol:	0	0	0	0	0	0	0	0	0	0	0	0
ATI:	66	322	0	0	484	100	0	0	0	75	0	50
Initial Fut:	670	1467	0	0	1178	431	0	0	0	277	8	504
User Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
PHF Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
PHF Volume:	670	1467	0	0	1178	431	0	0	0	277	8	504
Reduct Vol:	0	0	0	0	0	0	0	0	0	0	0	0
Reduced Vol:	670	1467	0	0	1178	431	0	0	0	277	8	504
PCE Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
MLF Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
FinalVolume:	670	1467	0	0	1178	431	0	0	0	277	8	504
Saturation Flow Module:												
Sat/Lane:	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900
Adjustment:	0.83	1.00	0.92	0.92	1.00	0.95	0.92	1.00	0.92	0.83	1.00	0.92
Lanes:	2.00	3.00	0.00	0.00	2.17	0.83	0.00	0.00	0.00	2.00	2.00	1.00
Final Sat.:	3150	5700	0	0	4098	1499	0	0	0	3150	3800	1750
Capacity Analysis Module:												
Vol/Sat:	0.21	0.26	0.00	0.00	0.29	0.29	0.00	0.00	0.00	0.09	0.00	0.29
Crit Moves:	****				****							****
Green Time:	13.8	32.4	0.0	0.0	18.6	18.6	0.0	0.0	0.0	18.6	18.6	18.6
Volume/Cap:	0.93	0.48	0.00	0.00	0.93	0.93	0.00	0.00	0.00	0.28	0.01	0.93
Delay/Veh:	40.7	8.7	0.0	0.0	29.2	29.2	0.0	0.0	0.0	15.8	14.3	42.2
User DelAdj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
AdjDel/Veh:	40.7	8.7	0.0	0.0	29.2	29.2	0.0	0.0	0.0	15.8	14.3	42.2
LOS by Move:	D	A	A	A	C	C	A	A	A	B	B	D
HCM2k95thQ:	15	10	0	0	19	19	0	0	0	5	0	26

Note: Queue reported is the number of cars per lane.

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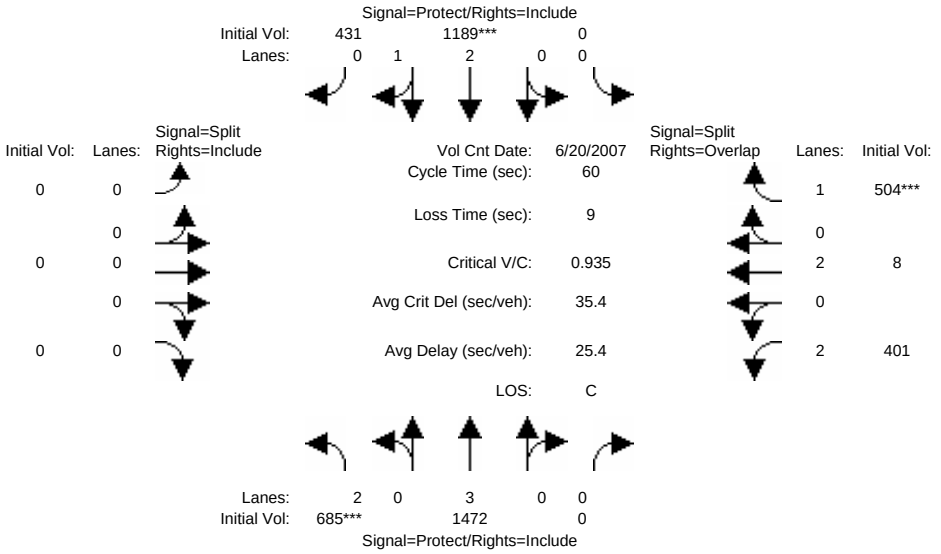
Milpitas Near-Term Cumulative Analysis

Level Of Service Computation Report
2000 HCM Operations (Future Volume Alternative)
Project PM

Intersection #1: McCarthy Blvd. & SR 237 WB Ramps



Street Name:	McCarthy Blvd.						SR 237 WB Ramps					
Approach:	North Bound			South Bound			East Bound			West Bound		
Movement:	L	T	R	L	T	R	L	T	R	L	T	R
Min. Green:	7	10	0	0	10	10	0	0	0	10	10	10
Volume Module: >> Count Date: 20 Jun 2007 <<												
Base Vol:	670	1467	0	0	1178	431	0	0	0	277	8	504
Growth Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Initial Bse:	670	1467	0	0	1178	431	0	0	0	277	8	504
Added Vol:	15	5	0	0	11	0	0	0	0	124	0	0
PasserByVol:	0	0	0	0	0	0	0	0	0	0	0	0
Initial Fut:	685	1472	0	0	1189	431	0	0	0	401	8	504
User Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
PHF Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
PHF Volume:	685	1472	0	0	1189	431	0	0	0	401	8	504
Reduct Vol:	0	0	0	0	0	0	0	0	0	0	0	0
Reduced Vol:	685	1472	0	0	1189	431	0	0	0	401	8	504
PCE Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
MLF Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
FinalVolume:	685	1472	0	0	1189	431	0	0	0	401	8	504
Saturation Flow Module:												
Sat/Lane:	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900
Adjustment:	0.83	1.00	0.92	0.92	1.00	0.95	0.92	1.00	0.92	0.83	1.00	0.92
Lanes:	2.00	3.00	0.00	0.00	2.17	0.83	0.00	0.00	0.00	2.00	2.00	1.00
Final Sat.:	3150	5700	0	0	4108	1489	0	0	0	3150	3800	1750
Capacity Analysis Module:												
Vol/Sat:	0.22	0.26	0.00	0.00	0.29	0.29	0.00	0.00	0.00	0.13	0.00	0.29
Crit Moves:	****				****							****
Green Time:	14.0	32.5	0.0	0.0	18.6	18.6	0.0	0.0	0.0	18.5	18.5	18.5
Volume/Cap:	0.94	0.48	0.00	0.00	0.94	0.94	0.00	0.00	0.00	0.41	0.01	0.94
Delay/Veh:	41.7	8.6	0.0	0.0	30.1	30.1	0.0	0.0	0.0	16.8	14.4	44.0
User DelAdj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
AdjDel/Veh:	41.7	8.6	0.0	0.0	30.1	30.1	0.0	0.0	0.0	16.8	14.4	44.0
LOS by Move:	D	A	A	A	C	C	A	A	A	B	B	D
HCM2k95thQ:	16	10	0	0	19	19	0	0	0	8	0	27

Note: Queue reported is the number of cars per lane.

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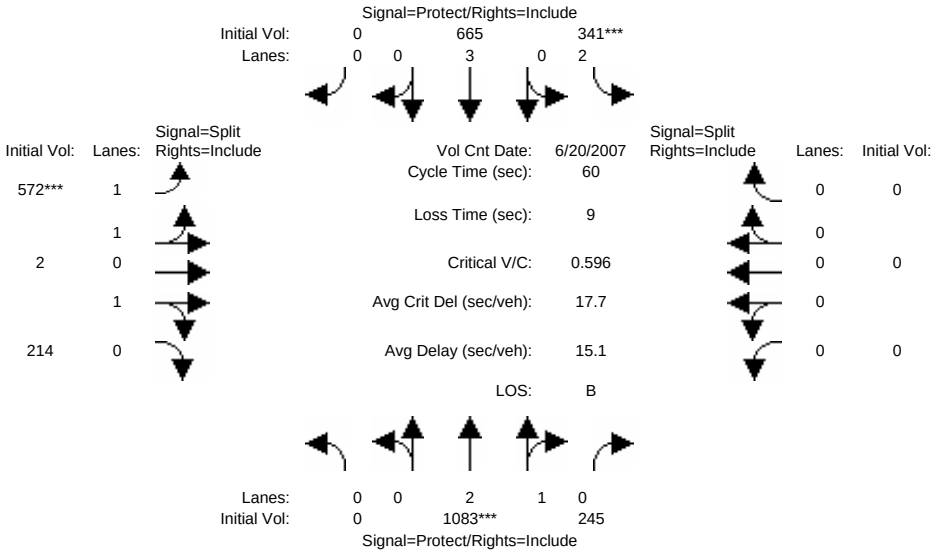
Milpitas Near-Term Cumulative Analysis

Level Of Service Computation Report
2000 HCM Operations (Future Volume Alternative)
Existing PM

Intersection #2: McCarthy Blvd. & SR 237 EB Ramps



Street Name:	McCarthy Blvd.						SR 237 EB Ramps					
Approach:	North Bound			South Bound			East Bound			West Bound		
Movement:	L -	T -	R	L -	T -	R	L -	T -	R	L -	T -	R
Min. Green:	0	10	10	7	10	0	10	10	10	0	0	0
Volume Module: >> Count Date: 20 Jun 2007 << 6-9p												
Base Vol:	0	1083	245	341	665	0	572	2	214	0	0	0
Growth Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Initial Bse:	0	1083	245	341	665	0	572	2	214	0	0	0
Added Vol:	0	0	0	0	0	0	0	0	0	0	0	0
PasserByVol:	0	0	0	0	0	0	0	0	0	0	0	0
Initial Fut:	0	1083	245	341	665	0	572	2	214	0	0	0
User Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
PHF Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
PHF Volume:	0	1083	245	341	665	0	572	2	214	0	0	0
Reduct Vol:	0	0	0	0	0	0	0	0	0	0	0	0
Reduced Vol:	0	1083	245	341	665	0	572	2	214	0	0	0
PCE Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
MLF Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
FinalVolume:	0	1083	245	341	665	0	572	2	214	0	0	0
Saturation Flow Module:												
Sat/Lane:	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900
Adjustment:	0.92	0.99	0.95	0.83	1.00	0.92	0.94	0.95	0.95	0.92	1.00	0.92
Lanes:	0.00	2.43	0.57	2.00	3.00	0.00	2.00	0.01	0.99	0.00	0.00	0.00
Final Sat.:	0	4566	1033	3150	5700	0	3554	17	1783	0	0	0
Capacity Analysis Module:												
Vol/Sat:	0.00	0.24	0.24	0.11	0.12	0.00	0.16	0.12	0.12	0.00	0.00	0.00
Crit Moves:		****		****			****					
Green Time:	0.0	23.9	23.9	10.9	34.8	0.0	16.2	16.2	16.2	0.0	0.0	0.0
Volume/Cap:	0.00	0.60	0.60	0.60	0.20	0.00	0.60	0.44	0.44	0.00	0.00	0.00
Delay/Veh:	0.0	14.7	14.7	24.2	6.0	0.0	19.8	18.3	18.3	0.0	0.0	0.0
User DelAdj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
AdjDel/Veh:	0.0	14.7	14.7	24.2	6.0	0.0	19.8	18.3	18.3	0.0	0.0	0.0
LOS by Move:	A	B	B	C	A	A	B-	B-	B-	A	A	A
HCM2k95thQ:	0	12	12	7	4	0	11	8	8	0	0	0

Note: Queue reported is the number of cars per lane.

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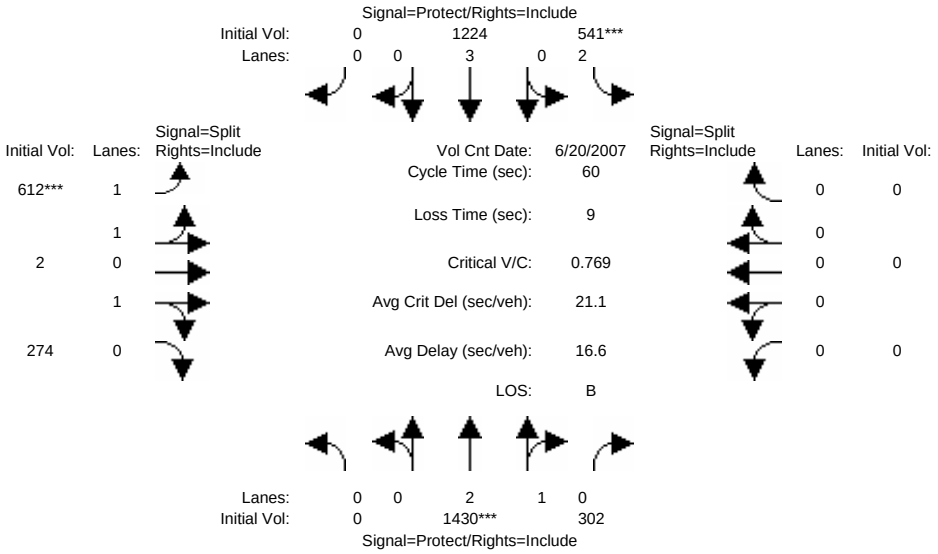
Milpitas Near-Term Cumulative Analysis

Level Of Service Computation Report
2000 HCM Operations (Future Volume Alternative)
Background PM

Intersection #2: McCarthy Blvd. & SR 237 EB Ramps



Street Name:	McCarthy Blvd.						SR 237 EB Ramps					
Approach:	North Bound			South Bound			East Bound			West Bound		
Movement:	L -	T -	R	L -	T -	R	L -	T -	R	L -	T -	R
Min. Green:	0	10	10	7	10	0	10	10	10	0	0	0
Volume Module: >> Count Date: 20 Jun 2007 << 6-9p												
Base Vol:	0	1083	245	341	665	0	572	2	214	0	0	0
Growth Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Initial Bse:	0	1083	245	341	665	0	572	2	214	0	0	0
Added Vol:	0	0	0	0	0	0	0	0	0	0	0	0
ATI:	0	347	57	200	559	0	40	0	60	0	0	0
Initial Fut:	0	1430	302	541	1224	0	612	2	274	0	0	0
User Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
PHF Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
PHF Volume:	0	1430	302	541	1224	0	612	2	274	0	0	0
Reduct Vol:	0	0	0	0	0	0	0	0	0	0	0	0
Reduced Vol:	0	1430	302	541	1224	0	612	2	274	0	0	0
PCE Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
MLF Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
FinalVolume:	0	1430	302	541	1224	0	612	2	274	0	0	0
Saturation Flow Module:												
Sat/Lane:	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900
Adjustment:	0.92	0.99	0.95	0.83	1.00	0.92	0.93	0.95	0.95	0.92	1.00	0.92
Lanes:	0.00	2.46	0.54	2.00	3.00	0.00	2.00	0.01	0.99	0.00	0.00	0.00
Final Sat.:	0	4622	976	3150	5700	0	3552	13	1787	0	0	0
Capacity Analysis Module:												
Vol/Sat:	0.00	0.31	0.31	0.17	0.21	0.00	0.17	0.15	0.15	0.00	0.00	0.00
Crit Moves:		****		****			****					
Green Time:	0.0	24.1	24.1	13.4	37.6	0.0	13.4	13.4	13.4	0.0	0.0	0.0
Volume/Cap:	0.00	0.77	0.77	0.77	0.34	0.00	0.77	0.68	0.68	0.00	0.00	0.00
Delay/Veh:	0.0	17.2	17.2	27.0	5.4	0.0	25.0	22.9	22.9	0.0	0.0	0.0
User DelAdj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
AdjDel/Veh:	0.0	17.2	17.2	27.0	5.4	0.0	25.0	22.9	22.9	0.0	0.0	0.0
LOS by Move:	A	B	B	C	A	A	C	C+	C+	A	A	A
HCM2k95thQ:	0	16	16	10	7	0	15	12	12	0	0	0

Note: Queue reported is the number of cars per lane.

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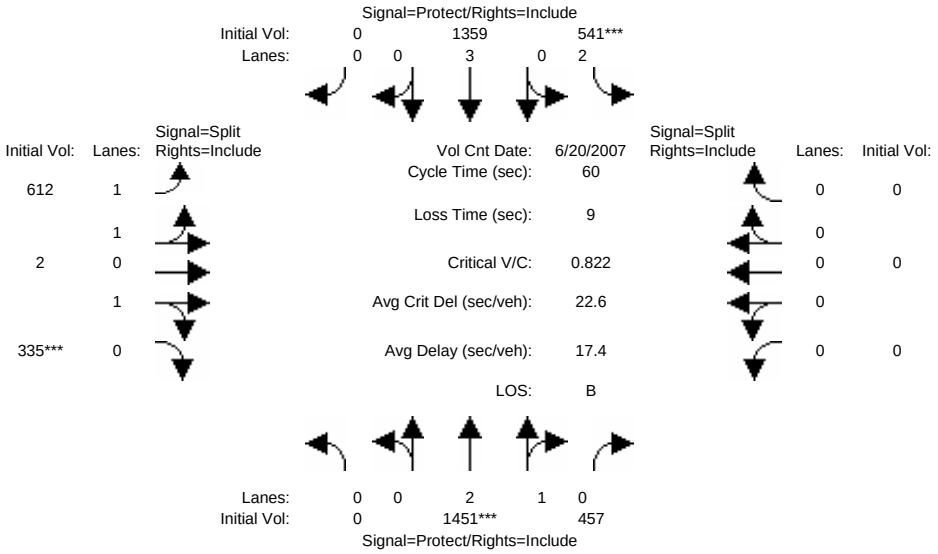
Milpitas Near-Term Cumulative Analysis

Level Of Service Computation Report
2000 HCM Operations (Future Volume Alternative)
Project PM

Intersection #2: McCarthy Blvd. & SR 237 EB Ramps



Street Name:	McCarthy Blvd.						SR 237 EB Ramps					
Approach:	North Bound			South Bound			East Bound			West Bound		
Movement:	L	T	R	L	T	R	L	T	R	L	T	R
Min. Green:	0	10	10	7	10	0	10	10	10	0	0	0
Volume Module: >> Count Date: 20 Jun 2007 << 6-9p												
Base Vol:	0	1430	302	541	1224	0	612	2	274	0	0	0
Growth Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Initial Bse:	0	1430	302	541	1224	0	612	2	274	0	0	0
Added Vol:	0	21	155	0	135	0	0	0	61	0	0	0
PasserByVol:	0	0	0	0	0	0	0	0	0	0	0	0
Initial Fut:	0	1451	457	541	1359	0	612	2	335	0	0	0
User Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
PHF Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
PHF Volume:	0	1451	457	541	1359	0	612	2	335	0	0	0
Reduct Vol:	0	0	0	0	0	0	0	0	0	0	0	0
Reduced Vol:	0	1451	457	541	1359	0	612	2	335	0	0	0
PCE Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
MLF Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
FinalVolume:	0	1451	457	541	1359	0	612	2	335	0	0	0
Saturation Flow Module:												
Sat/Lane:	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900
Adjustment:	0.92	0.99	0.95	0.83	1.00	0.92	0.93	0.95	0.95	0.92	1.00	0.92
Lanes:	0.00	2.26	0.74	2.00	3.00	0.00	1.99	0.01	1.00	0.00	0.00	0.00
Final Sat.:	0	4257	1341	3150	5700	0	3537	12	1800	0	0	0
Capacity Analysis Module:												
Vol/Sat:	0.00	0.34	0.34	0.17	0.24	0.00	0.17	0.17	0.19	0.00	0.00	0.00
Crit Moves:		****		****					****			
Green Time:	0.0	24.9	24.9	12.5	37.4	0.0	13.6	13.6	13.6	0.0	0.0	0.0
Volume/Cap:	0.00	0.82	0.82	0.82	0.38	0.00	0.76	0.76	0.82	0.00	0.00	0.00
Delay/Veh:	0.0	18.1	18.1	30.9	5.7	0.0	24.6	24.6	26.9	0.0	0.0	0.0
User DelAdj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
AdjDel/Veh:	0.0	18.1	18.1	30.9	5.7	0.0	24.6	24.6	26.9	0.0	0.0	0.0
LOS by Move:	A	B-	B-	C	A	A	C	C	C	A	A	A
HCM2k95thQ:	0	18	18	11	8	0	15	15	17	0	0	0

Note: Queue reported is the number of cars per lane.

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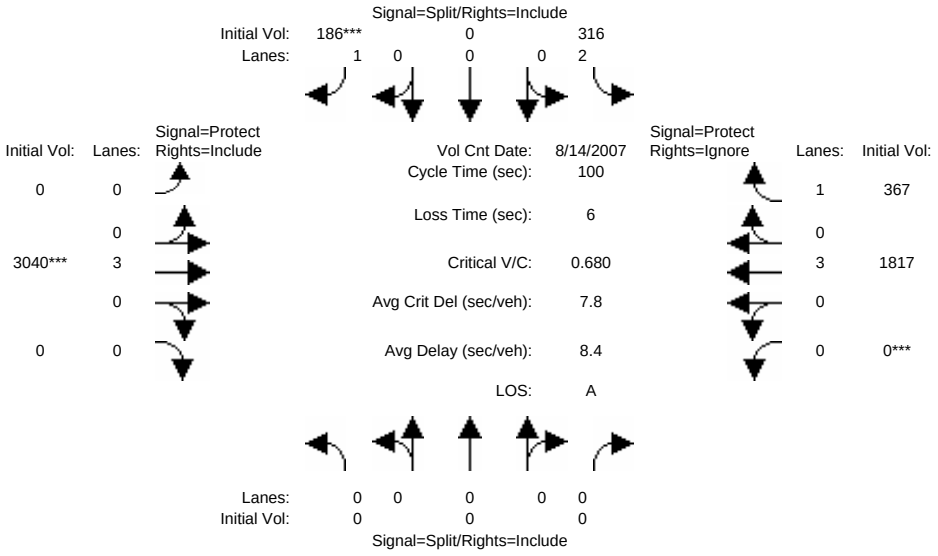
Milpitas Near-Term Cumulative Analysis

Level Of Service Computation Report
2000 HCM Operations (Future Volume Alternative)
Existing PM

Intersection #3: SR 237 & I-880 SB Ramps



Street Name:	I-880 SB Ramps						SR 237					
Approach:	North Bound			South Bound			East Bound			West Bound		
Movement:	L	T	R	L	T	R	L	T	R	L	T	R
Min. Green:	0	0	0	10	0	10	0	10	0	0	10	0
Volume Module: >> Count Date: 14 Aug 2007 << 5:00-6:00PM												
Base Vol:	0	0	0	316	0	186	0	3040	0	0	1817	367
Growth Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Initial Bse:	0	0	0	316	0	186	0	3040	0	0	1817	367
Added Vol:	0	0	0	0	0	0	0	0	0	0	0	0
PasserByVol:	0	0	0	0	0	0	0	0	0	0	0	0
Initial Fut:	0	0	0	316	0	186	0	3040	0	0	1817	367
User Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	0.00
PHF Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	0.00
PHF Volume:	0	0	0	316	0	186	0	3040	0	0	1817	0
Reduct Vol:	0	0	0	0	0	0	0	0	0	0	0	0
Reduced Vol:	0	0	0	316	0	186	0	3040	0	0	1817	0
PCE Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	0.00
MLF Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	0.00
FinalVolume:	0	0	0	316	0	186	0	3040	0	0	1817	0
Saturation Flow Module:												
Sat/Lane:	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900
Adjustment:	0.92	1.00	0.92	0.83	1.00	0.92	0.92	1.00	0.92	0.92	1.00	0.92
Lanes:	0.00	0.00	0.00	2.00	0.00	1.00	0.00	3.00	0.00	0.00	3.00	1.00
Final Sat.:	0	0	0	3150	0	1750	0	5700	0	0	5700	1750
Capacity Analysis Module:												
Vol/Sat:	0.00	0.00	0.00	0.10	0.00	0.11	0.00	0.53	0.00	0.00	0.32	0.00
Crit Moves:						****		****		****		
Green Time:	0.0	0.0	0.0	15.6	0.0	15.6	0.0	78.4	0.0	0.0	78.4	0.0
Volume/Cap:	0.00	0.00	0.00	0.64	0.00	0.68	0.00	0.68	0.00	0.00	0.41	0.00
Delay/Veh:	0.0	0.0	0.0	42.5	0.0	46.6	0.0	5.4	0.0	0.0	3.5	0.0
User DelAdj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
AdjDel/Veh:	0.0	0.0	0.0	42.5	0.0	46.6	0.0	5.4	0.0	0.0	3.5	0.0
LOS by Move:	A	A	A	D	A	D	A	A	A	A	A	A
HCM2k95thQ:	0	0	0	13	0	14	0	27	0	0	11	0

Note: Queue reported is the number of cars per lane.

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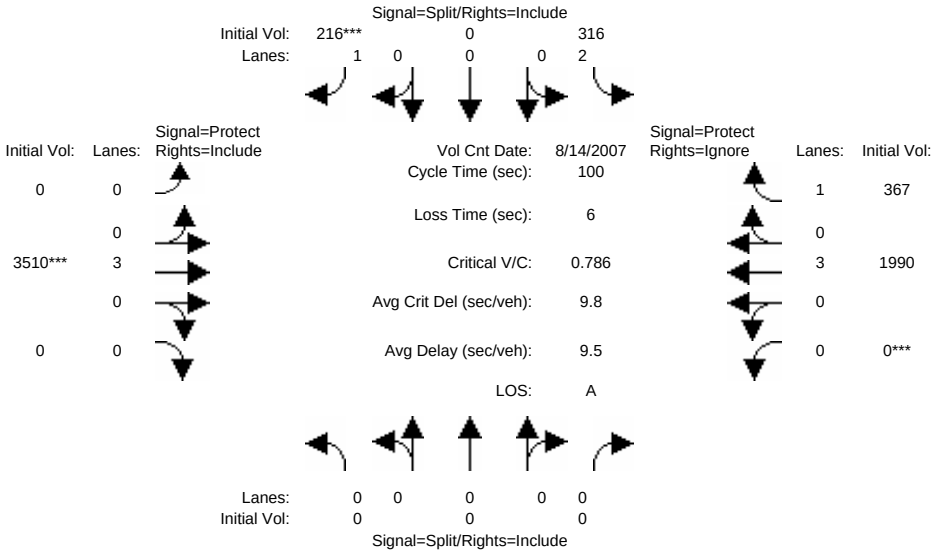
Milpitas Near-Term Cumulative Analysis

Level Of Service Computation Report
2000 HCM Operations (Future Volume Alternative)
Background PM

Intersection #3: SR 237 & I-880 SB Ramps



Street Name:	I-880 SB Ramps						SR 237					
Approach:	North Bound			South Bound			East Bound			West Bound		
Movement:	L	T	R	L	T	R	L	T	R	L	T	R
Min. Green:	0	0	0	10	0	10	0	10	0	0	10	0
Volume Module: >> Count Date: 14 Aug 2007 << 5:00-6:00PM												
Base Vol:	0	0	0	316	0	186	0	3040	0	0	1817	367
Growth Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Initial Bse:	0	0	0	316	0	186	0	3040	0	0	1817	367
Added Vol:	0	0	0	0	0	0	0	0	0	0	0	0
ATI:	0	0	0	0	0	30	0	470	0	0	173	0
Initial Fut:	0	0	0	316	0	216	0	3510	0	0	1990	367
User Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	0.00
PHF Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	0.00
PHF Volume:	0	0	0	316	0	216	0	3510	0	0	1990	0
Reduct Vol:	0	0	0	0	0	0	0	0	0	0	0	0
Reduced Vol:	0	0	0	316	0	216	0	3510	0	0	1990	0
PCE Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	0.00
MLF Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	0.00
FinalVolume:	0	0	0	316	0	216	0	3510	0	0	1990	0
Saturation Flow Module:												
Sat/Lane:	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900
Adjustment:	0.92	1.00	0.92	0.83	1.00	0.92	0.92	1.00	0.92	0.92	1.00	0.92
Lanes:	0.00	0.00	0.00	2.00	0.00	1.00	0.00	3.00	0.00	0.00	3.00	1.00
Final Sat.:	0	0	0	3150	0	1750	0	5700	0	0	5700	1750
Capacity Analysis Module:												
Vol/Sat:	0.00	0.00	0.00	0.10	0.00	0.12	0.00	0.62	0.00	0.00	0.35	0.00
Crit Moves:						****		****		****		
Green Time:	0.0	0.0	0.0	15.7	0.0	15.7	0.0	78.3	0.0	0.0	78.3	0.0
Volume/Cap:	0.00	0.00	0.00	0.64	0.00	0.79	0.00	0.79	0.00	0.00	0.45	0.00
Delay/Veh:	0.0	0.0	0.0	42.3	0.0	54.5	0.0	7.1	0.0	0.0	3.7	0.0
User DelAdj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
AdjDel/Veh:	0.0	0.0	0.0	42.3	0.0	54.5	0.0	7.1	0.0	0.0	3.7	0.0
LOS by Move:	A	A	A	D	A	D-	A	A	A	A	A	A
HCM2k95thQ:	0	0	0	13	0	17	0	37	0	0	13	0

Note: Queue reported is the number of cars per lane.

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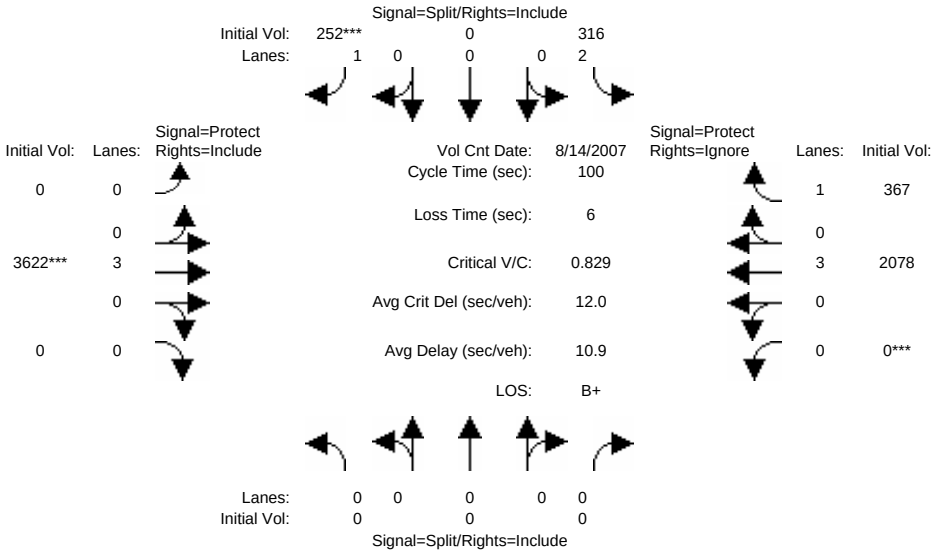
Milpitas Near-Term Cumulative Analysis

Level Of Service Computation Report
2000 HCM Operations (Future Volume Alternative)
Project PM

Intersection #3: SR 237 & I-880 SB Ramps



Street Name:	I-880 SB Ramps						SR 237					
Approach:	North Bound			South Bound			East Bound			West Bound		
Movement:	L	T	R	L	T	R	L	T	R	L	T	R
Min. Green:	0	0	0	10	0	10	0	10	0	0	10	0
Volume Module: >> Count Date: 14 Aug 2007 << 5:00-6:00PM												
Base Vol:	0	0	0	316	0	216	0	3510	0	0	1990	367
Growth Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Initial Bse:	0	0	0	316	0	216	0	3510	0	0	1990	367
Added Vol:	0	0	0	0	0	36	0	112	0	0	88	0
PasserByVol:	0	0	0	0	0	0	0	0	0	0	0	0
Initial Fut:	0	0	0	316	0	252	0	3622	0	0	2078	367
User Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	0.00
PHF Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	0.00
PHF Volume:	0	0	0	316	0	252	0	3622	0	0	2078	0
Reduct Vol:	0	0	0	0	0	0	0	0	0	0	0	0
Reduced Vol:	0	0	0	316	0	252	0	3622	0	0	2078	0
PCE Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	0.00
MLF Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	0.00
FinalVolume:	0	0	0	316	0	252	0	3622	0	0	2078	0
Saturation Flow Module:												
Sat/Lane:	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900
Adjustment:	0.92	1.00	0.92	0.83	1.00	0.92	0.92	1.00	0.92	0.92	1.00	0.92
Lanes:	0.00	0.00	0.00	2.00	0.00	1.00	0.00	3.00	0.00	0.00	3.00	1.00
Final Sat.:	0	0	0	3150	0	1750	0	5700	0	0	5700	1750
Capacity Analysis Module:												
Vol/Sat:	0.00	0.00	0.00	0.10	0.00	0.14	0.00	0.64	0.00	0.00	0.36	0.00
Crit Moves:						****		****		****		
Green Time:	0.0	0.0	0.0	17.4	0.0	17.4	0.0	76.6	0.0	0.0	76.6	0.0
Volume/Cap:	0.00	0.00	0.00	0.58	0.00	0.83	0.00	0.83	0.00	0.00	0.48	0.00
Delay/Veh:	0.0	0.0	0.0	39.5	0.0	57.0	0.0	8.9	0.0	0.0	4.4	0.0
User DelAdj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
AdjDel/Veh:	0.0	0.0	0.0	39.5	0.0	57.0	0.0	8.9	0.0	0.0	4.4	0.0
LOS by Move:	A	A	A	D	A	E+	A	A	A	A	A	A
HCM2k95thQ:	0	0	0	12	0	19	0	42	0	0	15	0

Note: Queue reported is the number of cars per lane.

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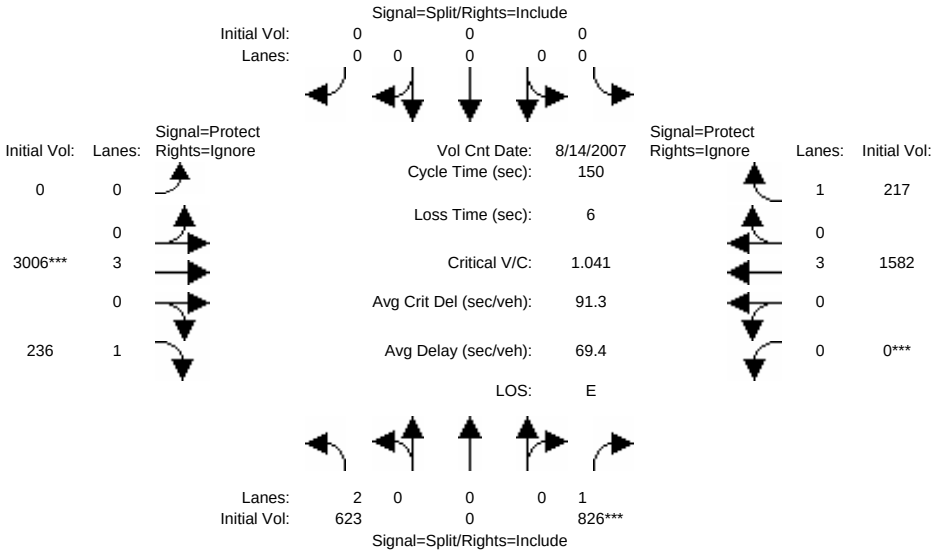
Milpitas Near-Term Cumulative Analysis

Level Of Service Computation Report
2000 HCM Operations (Future Volume Alternative)
Existing PM

Intersection #4: Calaveras Blvd. & I-880 NB Ramps



Street Name:	I-880 NB Ramps						Calaveras Blvd.					
Approach:	North Bound			South Bound			East Bound			West Bound		
Movement:	L - T - R			L - T - R			L - T - R			L - T - R		
Min. Green:	7	10	10	7	10	10	7	10	10	7	10	10
Volume Module: >> Count Date: 14 Aug 2007 << 4:30-5:30PM												
Base Vol:	623	0	826	0	0	0	0	3006	236	0	1582	217
Growth Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Initial Bse:	623	0	826	0	0	0	0	3006	236	0	1582	217
Added Vol:	0	0	0	0	0	0	0	0	0	0	0	0
PasserByVol:	0	0	0	0	0	0	0	0	0	0	0	0
Initial Fut:	623	0	826	0	0	0	0	3006	236	0	1582	217
User Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	0.00	1.00	1.00	0.00
PHF Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	0.00	1.00	1.00	0.00
PHF Volume:	623	0	826	0	0	0	0	3006	0	0	1582	0
Reduct Vol:	0	0	0	0	0	0	0	0	0	0	0	0
Reduced Vol:	623	0	826	0	0	0	0	3006	0	0	1582	0
PCE Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	0.00	1.00	1.00	0.00
MLF Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	0.00	1.00	1.00	0.00
FinalVolume:	623	0	826	0	0	0	0	3006	0	0	1582	0
Saturation Flow Module:												
Sat/Lane:	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900
Adjustment:	0.83	1.00	0.92	0.92	1.00	0.92	0.92	1.00	0.92	0.92	1.00	0.92
Lanes:	2.00	0.00	1.00	0.00	0.00	0.00	0.00	3.00	1.00	0.00	3.00	1.00
Final Sat.:	3150	0	1750	0	0	0	0	5700	1750	0	5700	1750
Capacity Analysis Module:												
Vol/Sat:	0.20	0.00	0.47	0.00	0.00	0.00	0.00	0.53	0.00	0.00	0.28	0.00
Crit Moves:			****					****		****		
Green Time:	64.7	0.0	64.7	0.0	0.0	0.0	0.0	72.3	0.0	0.0	67.9	0.0
Volume/Cap:	0.46	0.00	1.09	0.00	0.00	0.00	0.00	1.09	0.00	0.00	0.61	0.00
Delay/Veh:	30.5	0.0	104.1	0.0	0.0	0.0	0.0	87.8	0.0	0.0	31.6	0.0
User DelAdj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
AdjDel/Veh:	30.5	0.0	104.1	0.0	0.0	0.0	0.0	87.8	0.0	0.0	31.6	0.0
LOS by Move:	C	A	F	A	A	A	A	F	A	A	C	A
HCM2k95thQ:	22	0	82	0	0	0	0	87	0	0	31	0

Note: Queue reported is the number of cars per lane.

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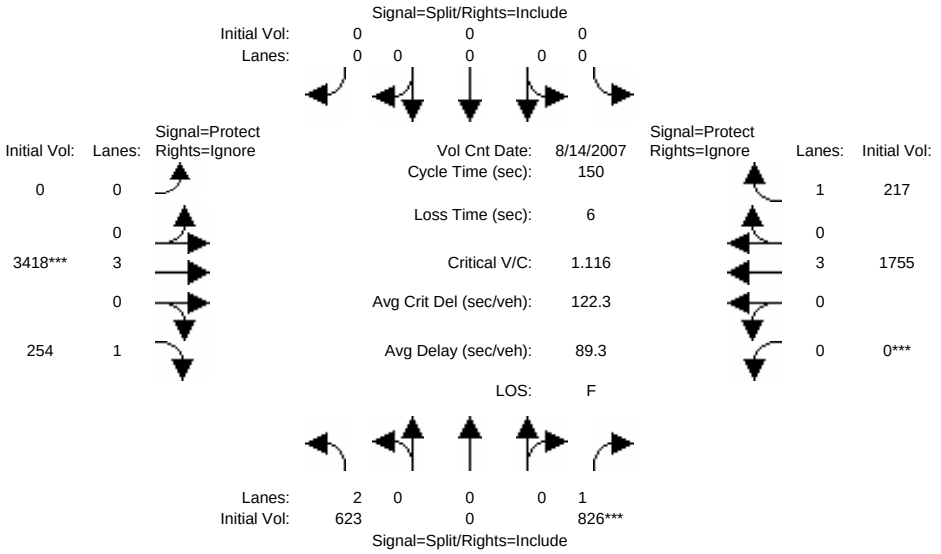
Milpitas Near-Term Cumulative Analysis

Level Of Service Computation Report
2000 HCM Operations (Future Volume Alternative)
Background PM

Intersection #4: Calaveras Blvd. & I-880 NB Ramps



Street Name:	I-880 NB Ramps						Calaveras Blvd.					
Approach:	North Bound			South Bound			East Bound			West Bound		
Movement:	L - T - R			L - T - R			L - T - R			L - T - R		
Min. Green:	7	10	10	7	10	10	7	10	10	7	10	10
Volume Module: >> Count Date: 14 Aug 2007 << 4:30-5:30PM												
Base Vol:	623	0	826	0	0	0	0	3006	236	0	1582	217
Growth Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Initial Bse:	623	0	826	0	0	0	0	3006	236	0	1582	217
Added Vol:	0	0	0	0	0	0	0	0	0	0	0	0
ATI:	0	0	0	0	0	0	0	412	18	0	173	0
Initial Fut:	623	0	826	0	0	0	0	3418	254	0	1755	217
User Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	0.00	1.00	1.00	0.00
PHF Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	0.00	1.00	1.00	0.00
PHF Volume:	623	0	826	0	0	0	0	3418	0	0	1755	0
Reduct Vol:	0	0	0	0	0	0	0	0	0	0	0	0
Reduced Vol:	623	0	826	0	0	0	0	3418	0	0	1755	0
PCE Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	0.00	1.00	1.00	0.00
MLF Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	0.00	1.00	1.00	0.00
FinalVolume:	623	0	826	0	0	0	0	3418	0	0	1755	0
Saturation Flow Module:												
Sat/Lane:	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900
Adjustment:	0.83	1.00	0.92	0.92	1.00	0.92	0.92	1.00	0.92	0.92	1.00	0.92
Lanes:	2.00	0.00	1.00	0.00	0.00	0.00	0.00	3.00	1.00	0.00	3.00	1.00
Final Sat.:	3150	0	1750	0	0	0	0	5700	1750	0	5700	1750
Capacity Analysis Module:												
Vol/Sat:	0.20	0.00	0.47	0.00	0.00	0.00	0.00	0.60	0.00	0.00	0.31	0.00
Crit Moves:			****					****		****		
Green Time:	60.3	0.0	60.3	0.0	0.0	0.0	0.0	76.7	0.0	0.0	72.6	0.0
Volume/Cap:	0.49	0.00	1.17	0.00	0.00	0.00	0.00	1.17	0.00	0.00	0.64	0.00
Delay/Veh:	33.7	0.0	137.4	0.0	0.0	0.0	0.0	119	0.0	0.0	29.3	0.0
User DelAdj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
AdjDel/Veh:	33.7	0.0	137.4	0.0	0.0	0.0	0.0	119	0.0	0.0	29.3	0.0
LOS by Move:	C-	A	F	A	A	A	A	F	A	A	C	A
HCM2k95thQ:	23	0	90	0	0	0	0	108	0	0	33	0

Note: Queue reported is the number of cars per lane.

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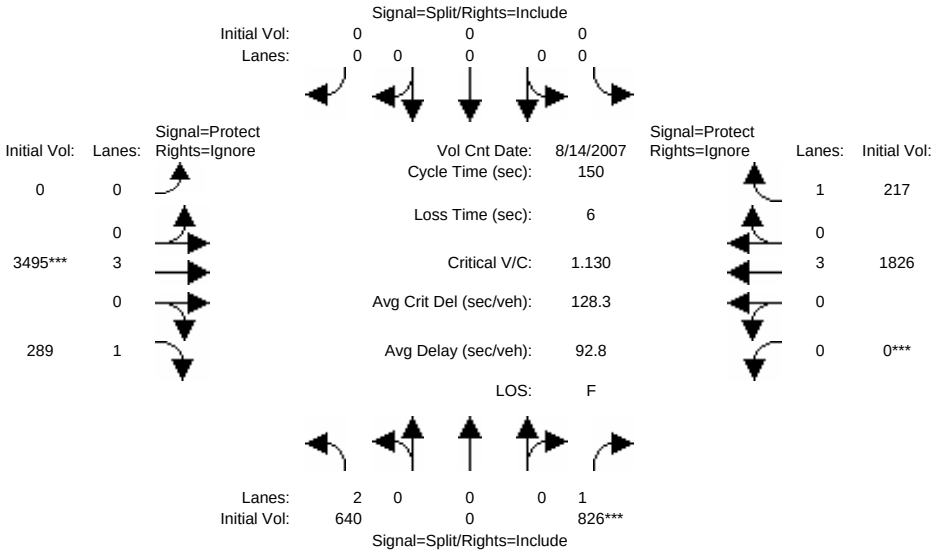
Milpitas Near-Term Cumulative Analysis

Level Of Service Computation Report
2000 HCM Operations (Future Volume Alternative)
Project PM

Intersection #4: Calaveras Blvd. & I-880 NB Ramps



Street Name:	I-880 NB Ramps						Calaveras Blvd.					
Approach:	North Bound			South Bound			East Bound			West Bound		
Movement:	L - T - R			L - T - R			L - T - R			L - T - R		
Min. Green:	7	10	10	7	10	10	7	10	10	7	10	10
Volume Module: >> Count Date: 14 Aug 2007 << 4:30-5:30PM												
Base Vol:	623	0	826	0	0	0	0	3418	254	0	1755	217
Growth Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Initial Bse:	623	0	826	0	0	0	0	3418	254	0	1755	217
Added Vol:	17	0	0	0	0	0	0	77	35	0	71	0
PasserByVol:	0	0	0	0	0	0	0	0	0	0	0	0
Initial Fut:	640	0	826	0	0	0	0	3495	289	0	1826	217
User Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	0.00	1.00	1.00	0.00
PHF Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	0.00	1.00	1.00	0.00
PHF Volume:	640	0	826	0	0	0	0	3495	0	0	1826	0
Reduct Vol:	0	0	0	0	0	0	0	0	0	0	0	0
Reduced Vol:	640	0	826	0	0	0	0	3495	0	0	1826	0
PCE Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	0.00	1.00	1.00	0.00
MLF Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	0.00	1.00	1.00	0.00
FinalVolume:	640	0	826	0	0	0	0	3495	0	0	1826	0
Saturation Flow Module:												
Sat/Lane:	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900
Adjustment:	0.83	1.00	0.92	0.92	1.00	0.92	0.92	1.00	0.92	0.92	1.00	0.92
Lanes:	2.00	0.00	1.00	0.00	0.00	0.00	0.00	3.00	1.00	0.00	3.00	1.00
Final Sat.:	3150	0	1750	0	0	0	0	5700	1750	0	5700	1750
Capacity Analysis Module:												
Vol/Sat:	0.20	0.00	0.47	0.00	0.00	0.00	0.00	0.61	0.00	0.00	0.32	0.00
Crit Moves:			****					****		****		
Green Time:	59.6	0.0	59.6	0.0	0.0	0.0	0.0	77.4	0.0	0.0	73.7	0.0
Volume/Cap:	0.51	0.00	1.19	0.00	0.00	0.00	0.00	1.19	0.00	0.00	0.65	0.00
Delay/Veh:	34.6	0.0	143.9	0.0	0.0	0.0	0.0	125	0.0	0.0	29.1	0.0
User DelAdj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
AdjDel/Veh:	34.6	0.0	143.9	0.0	0.0	0.0	0.0	125	0.0	0.0	29.1	0.0
LOS by Move:	C-	A	F	A	A	A	A	F	A	A	C	A
HCM2k95thQ:	24	0	91	0	0	0	0	112	0	0	35	0

Note: Queue reported is the number of cars per lane.

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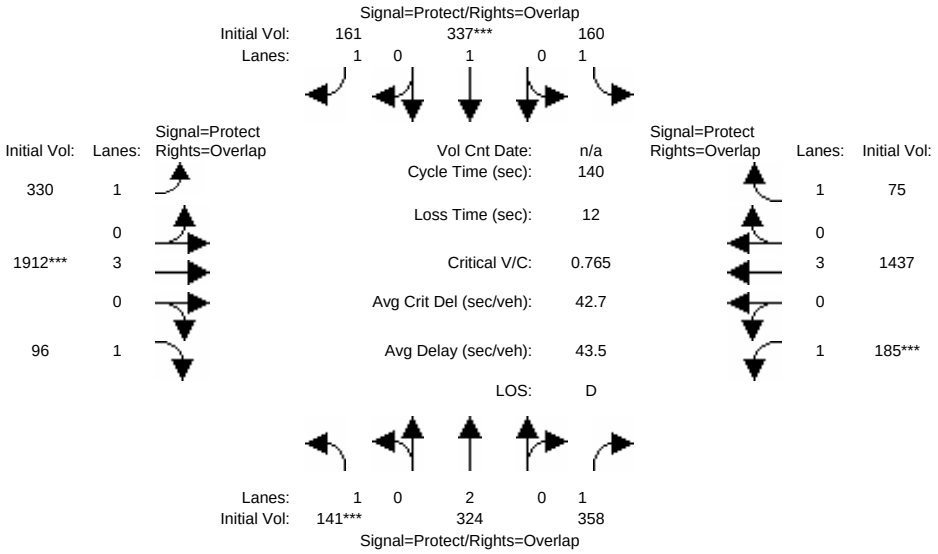
Milpitas Near-Term Cumulative Analysis

Level Of Service Computation Report
2000 HCM Operations (Future Volume Alternative)
Existing PM

Intersection #5: Calaveras Blvd. / Abel St. [CMP]



Street Name:	Abel St.						Calaveras Blvd.					
Approach:	North Bound			South Bound			East Bound			West Bound		
Movement:	L - T - R			L - T - R			L - T - R			L - T - R		
Min. Green:	7	10	10	7	10	10	7	10	10	7	10	10
Volume Module:												
Base Vol:	141	324	358	160	337	161	330	1912	96	185	1437	75
Growth Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Initial Bse:	141	324	358	160	337	161	330	1912	96	185	1437	75
Added Vol:	0	0	0	0	0	0	0	0	0	0	0	0
PasserByVol:	0	0	0	0	0	0	0	0	0	0	0	0
Initial Fut:	141	324	358	160	337	161	330	1912	96	185	1437	75
User Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
PHF Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
PHF Volume:	141	324	358	160	337	161	330	1912	96	185	1437	75
Reduct Vol:	0	0	0	0	0	0	0	0	0	0	0	0
Reduced Vol:	141	324	358	160	337	161	330	1912	96	185	1437	75
PCE Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
MLF Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
FinalVolume:	141	324	358	160	337	161	330	1912	96	185	1437	75
Saturation Flow Module:												
Sat/Lane:	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900
Adjustment:	0.92	1.00	0.92	0.92	1.00	0.92	0.92	1.00	0.92	0.92	1.00	0.92
Lanes:	1.00	2.00	1.00	1.00	1.00	1.00	1.00	3.00	1.00	1.00	3.00	1.00
Final Sat.:	1750	3800	1750	1750	1900	1750	1750	5700	1750	1750	5700	1750
Capacity Analysis Module:												
Vol/Sat:	0.08	0.09	0.20	0.09	0.18	0.09	0.19	0.34	0.05	0.11	0.25	0.04
Crit Moves:	****				****			****			****	
Green Time:	14.8	24.5	43.9	22.7	32.5	67.0	34.6	61.4	76.2	19.4	46.2	68.9
Volume/Cap:	0.76	0.49	0.65	0.56	0.76	0.19	0.76	0.76	0.10	0.76	0.76	0.09
Delay/Veh:	78.1	52.6	44.3	56.7	58.0	21.1	56.8	34.6	15.4	71.6	43.9	18.9
User DelAdj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
AdjDel/Veh:	78.1	52.6	44.3	56.7	58.0	21.1	56.8	34.6	15.4	71.6	43.9	18.9
LOS by Move:	E-	D-	D	E+	E+	C+	E+	C-	B	E	D	B-
HCM2k95thQ:	15	13	26	14	26	8	26	39	4	15	31	4

Note: Queue reported is the number of cars per lane.

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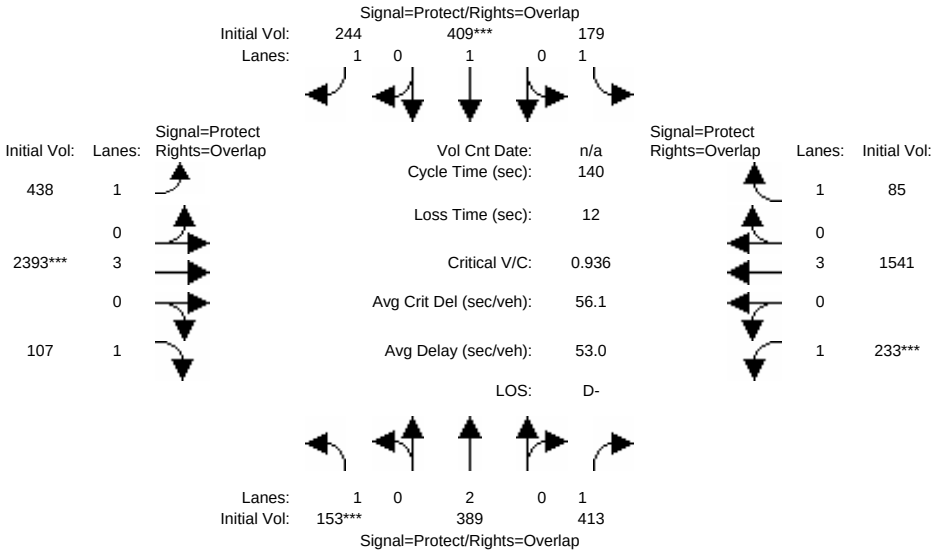
Milpitas Near-Term Cumulative Analysis

Level Of Service Computation Report
2000 HCM Operations (Future Volume Alternative)
Background PM

Intersection #5: Calaveras Blvd. / Abel St. [CMP]



Street Name:	Abel St.						Calaveras Blvd.					
Approach:	North Bound			South Bound			East Bound			West Bound		
Movement:	L - T - R			L - T - R			L - T - R			L - T - R		
Min. Green:	7	10	10	7	10	10	7	10	10	7	10	10
Volume Module:												
Base Vol:	141	324	358	160	337	161	330	1912	96	185	1437	75
Growth Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Initial Bse:	141	324	358	160	337	161	330	1912	96	185	1437	75
Added Vol:	0	0	0	0	0	0	0	0	0	0	0	0
ATI:	12	65	55	19	72	83	108	481	11	48	104	10
Initial Fut:	153	389	413	179	409	244	438	2393	107	233	1541	85
User Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
PHF Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
PHF Volume:	153	389	413	179	409	244	438	2393	107	233	1541	85
Reduct Vol:	0	0	0	0	0	0	0	0	0	0	0	0
Reduced Vol:	153	389	413	179	409	244	438	2393	107	233	1541	85
PCE Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
MLF Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
FinalVolume:	153	389	413	179	409	244	438	2393	107	233	1541	85
Saturation Flow Module:												
Sat/Lane:	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900
Adjustment:	0.92	1.00	0.92	0.92	1.00	0.92	0.92	1.00	0.92	0.92	1.00	0.92
Lanes:	1.00	2.00	1.00	1.00	1.00	1.00	1.00	3.00	1.00	1.00	3.00	1.00
Final Sat.:	1750	3800	1750	1750	1900	1750	1750	5700	1750	1750	5700	1750
Capacity Analysis Module:												
Vol/Sat:	0.09	0.10	0.24	0.10	0.22	0.14	0.25	0.42	0.06	0.13	0.27	0.05
Crit Moves:	****				****			****			****	
Green Time:	13.1	22.7	42.6	22.6	32.2	72.0	39.8	62.8	75.9	19.9	43.0	65.5
Volume/Cap:	0.94	0.63	0.78	0.63	0.94	0.27	0.88	0.94	0.11	0.94	0.88	0.10
Delay/Veh:	114.7	56.9	51.4	59.5	80.5	19.4	64.5	44.0	15.7	99.2	51.7	20.9
User DelAdj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
AdjDel/Veh:	114.7	56.9	51.4	59.5	80.5	19.4	64.5	44.0	15.7	99.2	51.7	20.9
LOS by Move:	F	E+	D-	E+	F	B-	E	D	B	F	D-	C+
HCM2k95thQ:	19	16	32	16	36	12	35	57	5	20	35	4

Note: Queue reported is the number of cars per lane.

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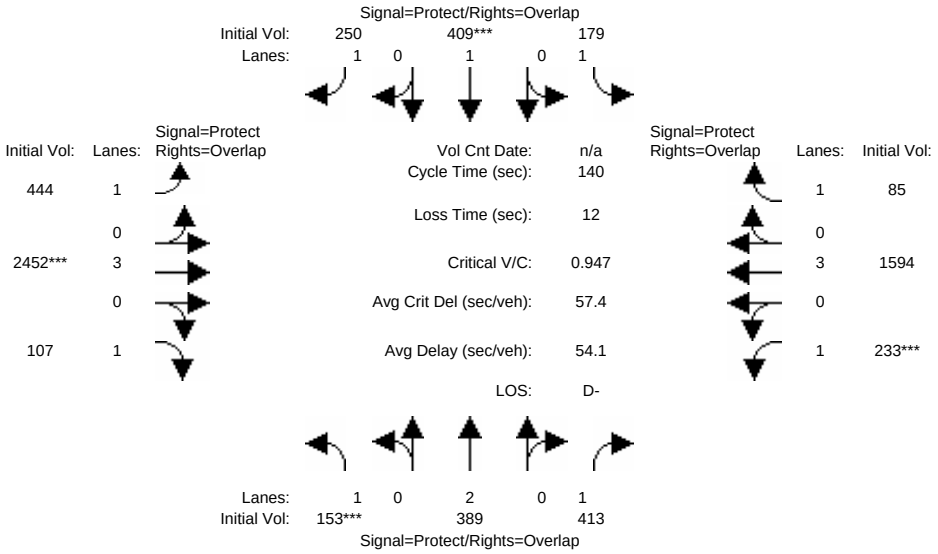
Milpitas Near-Term Cumulative Analysis

Level Of Service Computation Report
2000 HCM Operations (Future Volume Alternative)
Project PM

Intersection #5: Calaveras Blvd. / Abel St. [CMP]



Street Name:	Abel St.						Calaveras Blvd.					
Approach:	North Bound			South Bound			East Bound			West Bound		
Movement:	L - T - R			L - T - R			L - T - R			L - T - R		
Min. Green:	7	10	10	7	10	10	7	10	10	7	10	10
Volume Module:												
Base Vol:	153	389	413	179	409	244	438	2393	107	233	1541	85
Growth Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Initial Bse:	153	389	413	179	409	244	438	2393	107	233	1541	85
Added Vol:	0	0	0	0	0	6	6	59	0	0	53	0
PasserByVol:	0	0	0	0	0	0	0	0	0	0	0	0
Initial Fut:	153	389	413	179	409	250	444	2452	107	233	1594	85
User Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
PHF Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
PHF Volume:	153	389	413	179	409	250	444	2452	107	233	1594	85
Reduct Vol:	0	0	0	0	0	0	0	0	0	0	0	0
Reduced Vol:	153	389	413	179	409	250	444	2452	107	233	1594	85
PCE Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
MLF Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
FinalVolume:	153	389	413	179	409	250	444	2452	107	233	1594	85
Saturation Flow Module:												
Sat/Lane:	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900
Adjustment:	0.92	1.00	0.92	0.92	1.00	0.92	0.92	1.00	0.92	0.92	1.00	0.92
Lanes:	1.00	2.00	1.00	1.00	1.00	1.00	1.00	3.00	1.00	1.00	3.00	1.00
Final Sat.:	1750	3800	1750	1750	1900	1750	1750	5700	1750	1750	5700	1750
Capacity Analysis Module:												
Vol/Sat:	0.09	0.10	0.24	0.10	0.22	0.14	0.25	0.43	0.06	0.13	0.28	0.05
Crit Moves:	****				****			****			****	
Green Time:	12.9	22.4	42.1	22.3	31.8	71.4	39.6	63.6	76.5	19.7	43.7	66.0
Volume/Cap:	0.95	0.64	0.78	0.64	0.95	0.28	0.90	0.95	0.11	0.95	0.90	0.10
Delay/Veh:	118.3	57.3	52.4	60.1	83.4	19.8	67.0	45.0	15.4	102.5	52.5	20.6
User DelAdj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
AdjDel/Veh:	118.3	57.3	52.4	60.1	83.4	19.8	67.0	45.0	15.4	102.5	52.5	20.6
LOS by Move:	F	E+	D-	E	F	B-	E	D	B	F	D-	C+
HCM2k95thQ:	19	16	32	16	36	12	36	59	5	20	36	4

Note: Queue reported is the number of cars per lane.

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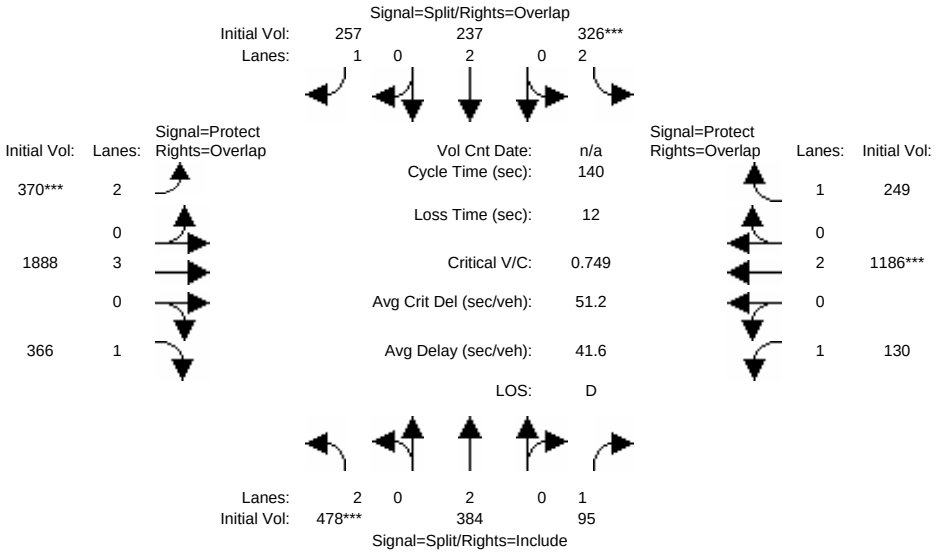
Milpitas Near-Term Cumulative Analysis

Level Of Service Computation Report
2000 HCM Operations (Future Volume Alternative)
Existing PM

Intersection #6: Milpitas Blvd. / Calaveras Blvd. [CMP]



Street Name:	Milpitas Blvd.						Calaveras Blvd.					
Approach:	North Bound			South Bound			East Bound			West Bound		
Movement:	L - T - R			L - T - R			L - T - R			L - T - R		
Min. Green:	10	10	10	10	10	10	7	10	10	7	10	10
Volume Module:												
Base Vol:	478	384	95	326	237	257	370	1888	366	130	1186	249
Growth Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Initial Bse:	478	384	95	326	237	257	370	1888	366	130	1186	249
Added Vol:	0	0	0	0	0	0	0	0	0	0	0	0
PasserByVol:	0	0	0	0	0	0	0	0	0	0	0	0
Initial Fut:	478	384	95	326	237	257	370	1888	366	130	1186	249
User Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
PHF Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
PHF Volume:	478	384	95	326	237	257	370	1888	366	130	1186	249
Reduct Vol:	0	0	0	0	0	0	0	0	0	0	0	0
Reduced Vol:	478	384	95	326	237	257	370	1888	366	130	1186	249
PCE Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
MLF Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
FinalVolume:	478	384	95	326	237	257	370	1888	366	130	1186	249
Saturation Flow Module:												
Sat/Lane:	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900
Adjustment:	0.83	1.00	0.92	0.83	1.00	0.92	0.83	1.00	0.92	0.92	1.00	0.92
Lanes:	2.00	2.00	1.00	2.00	2.00	1.00	2.00	3.00	1.00	1.00	2.00	1.00
Final Sat.:	3150	3800	1750	3150	3800	1750	3150	5700	1750	1750	3800	1750
Capacity Analysis Module:												
Vol/Sat:	0.15	0.10	0.05	0.10	0.06	0.15	0.12	0.33	0.21	0.07	0.31	0.14
Crit Moves:	****			****			****				****	
Green Time:	28.4	28.4	28.4	19.3	19.3	41.3	22.0	65.6	93.9	14.7	58.3	77.7
Volume/Cap:	0.75	0.50	0.27	0.75	0.45	0.50	0.75	0.71	0.31	0.71	0.75	0.26
Delay/Veh:	60.3	51.8	48.9	69.2	58.2	44.2	66.4	31.2	10.3	81.0	37.9	16.8
User DelAdj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
AdjDel/Veh:	60.3	51.8	48.9	69.2	58.2	44.2	66.4	31.2	10.3	81.0	37.9	16.8
LOS by Move:	E	D-	D	E	E+	D	E	C	B+	F	D+	B
HCM2k95thQ:	22	14	8	16	9	17	16	34	13	12	37	11

Note: Queue reported is the number of cars per lane.

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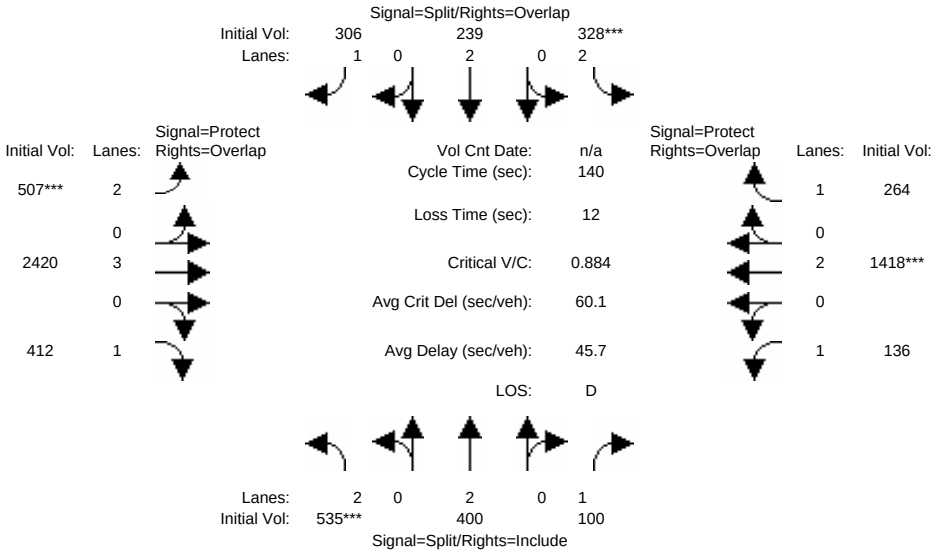
Milpitas Near-Term Cumulative Analysis

Level Of Service Computation Report
2000 HCM Operations (Future Volume Alternative)
Background PM

Intersection #6: Milpitas Blvd. / Calaveras Blvd. [CMP]



Street Name:	Milpitas Blvd.						Calaveras Blvd.					
Approach:	North Bound			South Bound			East Bound			West Bound		
Movement:	L - T - R			L - T - R			L - T - R			L - T - R		
Min. Green:	10	10	10	10	10	10	7	10	10	7	10	10
Volume Module:												
Base Vol:	478	384	95	326	237	257	370	1888	366	130	1186	249
Growth Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Initial Bse:	478	384	95	326	237	257	370	1888	366	130	1186	249
Added Vol:	0	0	0	0	0	0	0	0	0	0	0	0
ATI:	57	16	5	2	2	49	137	532	46	6	232	15
Initial Fut:	535	400	100	328	239	306	507	2420	412	136	1418	264
User Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
PHF Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
PHF Volume:	535	400	100	328	239	306	507	2420	412	136	1418	264
Reduct Vol:	0	0	0	0	0	0	0	0	0	0	0	0
Reduced Vol:	535	400	100	328	239	306	507	2420	412	136	1418	264
PCE Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
MLF Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
FinalVolume:	535	400	100	328	239	306	507	2420	412	136	1418	264
Saturation Flow Module:												
Sat/Lane:	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900
Adjustment:	0.83	1.00	0.92	0.83	1.00	0.92	0.83	1.00	0.92	0.92	1.00	0.92
Lanes:	2.00	2.00	1.00	2.00	2.00	1.00	2.00	3.00	1.00	1.00	2.00	1.00
Final Sat.:	3150	3800	1750	3150	3800	1750	3150	5700	1750	1750	3800	1750
Capacity Analysis Module:												
Vol/Sat:	0.17	0.11	0.06	0.10	0.06	0.17	0.16	0.42	0.24	0.08	0.37	0.15
Crit Moves:	****			****			****				****	
Green Time:	26.9	26.9	26.9	16.5	16.5	42.0	25.5	71.5	98.4	13.1	59.1	75.6
Volume/Cap:	0.88	0.55	0.30	0.88	0.53	0.58	0.88	0.83	0.33	0.83	0.88	0.28
Delay/Veh:	72.1	54.0	50.7	85.8	62.6	46.3	73.6	32.0	8.8	98.9	44.8	18.2
User DelAdj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
AdjDel/Veh:	72.1	54.0	50.7	85.8	62.6	46.3	73.6	32.0	8.8	98.9	44.8	18.2
LOS by Move:	E	D-	D	F	E	D	E	C-	A	F	D	B-
HCM2k95thQ:	27	15	8	17	10	21	21	45	13	13	51	12

Note: Queue reported is the number of cars per lane.

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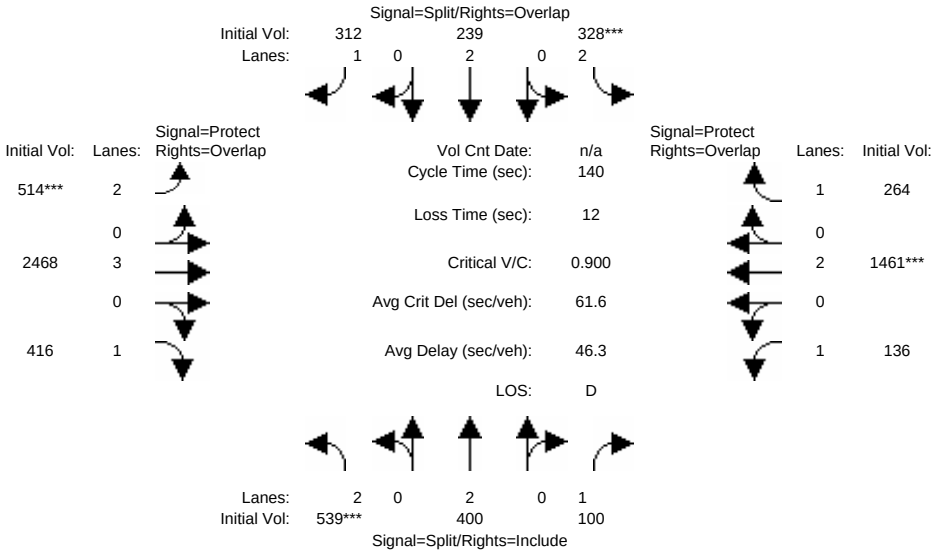
Milpitas Near-Term Cumulative Analysis

Level Of Service Computation Report
2000 HCM Operations (Future Volume Alternative)
Project PM

Intersection #6: Milpitas Blvd. / Calaveras Blvd. [CMP]



Street Name:	Milpitas Blvd.						Calaveras Blvd.					
Approach:	North Bound			South Bound			East Bound			West Bound		
Movement:	L - T - R			L - T - R			L - T - R			L - T - R		
Min. Green:	10	10	10	10	10	10	7	10	10	7	10	10
Volume Module:												
Base Vol:	535	400	100	328	239	306	507	2420	412	136	1418	264
Growth Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Initial Bse:	535	400	100	328	239	306	507	2420	412	136	1418	264
Added Vol:	4	0	0	0	0	6	7	48	4	0	43	0
PasserByVol:	0	0	0	0	0	0	0	0	0	0	0	0
Initial Fut:	539	400	100	328	239	312	514	2468	416	136	1461	264
User Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
PHF Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
PHF Volume:	539	400	100	328	239	312	514	2468	416	136	1461	264
Reduct Vol:	0	0	0	0	0	0	0	0	0	0	0	0
Reduced Vol:	539	400	100	328	239	312	514	2468	416	136	1461	264
PCE Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
MLF Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
FinalVolume:	539	400	100	328	239	312	514	2468	416	136	1461	264
Saturation Flow Module:												
Sat/Lane:	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900
Adjustment:	0.83	1.00	0.92	0.83	1.00	0.92	0.83	1.00	0.92	0.92	1.00	0.92
Lanes:	2.00	2.00	1.00	2.00	2.00	1.00	2.00	3.00	1.00	1.00	2.00	1.00
Final Sat.:	3150	3800	1750	3150	3800	1750	3150	5700	1750	1750	3800	1750
Capacity Analysis Module:												
Vol/Sat:	0.17	0.11	0.06	0.10	0.06	0.18	0.16	0.43	0.24	0.08	0.38	0.15
Crit Moves:	****			****			****				****	
Green Time:	26.6	26.6	26.6	16.2	16.2	41.6	25.4	72.2	98.8	13.0	59.8	76.0
Volume/Cap:	0.90	0.55	0.30	0.90	0.54	0.60	0.90	0.84	0.34	0.84	0.90	0.28
Delay/Veh:	74.4	54.4	51.0	88.7	63.2	47.2	75.8	32.0	8.7	100.5	45.7	18.0
User DelAdj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
AdjDel/Veh:	74.4	54.4	51.0	88.7	63.2	47.2	75.8	32.0	8.7	100.5	45.7	18.0
LOS by Move:	E	D-	D-	F	E	D	E-	C-	A	F	D	B
HCM2k95thQ:	28	15	8	18	10	21	22	46	13	13	54	12

Note: Queue reported is the number of cars per lane.

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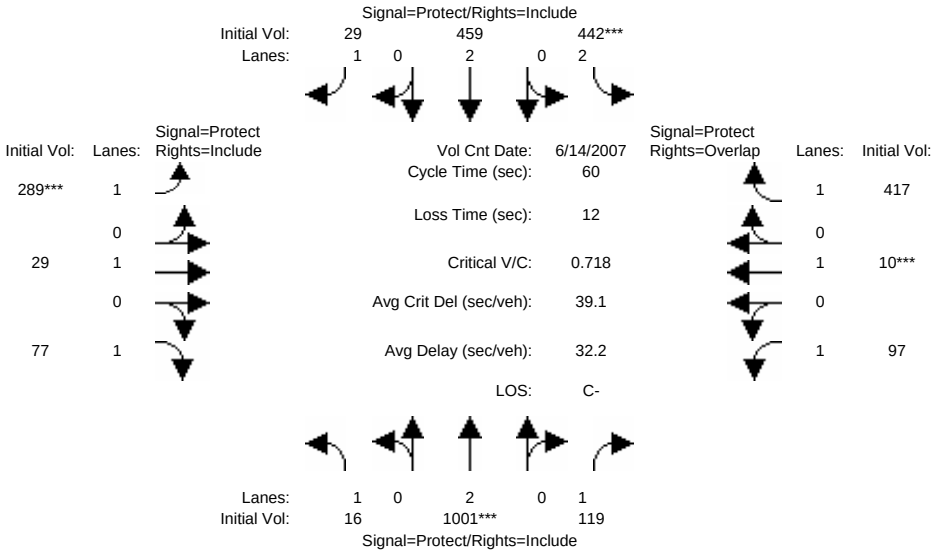
Milpitas Near-Term Cumulative Analysis

Level Of Service Computation Report
2000 HCM Operations (Future Volume Alternative)
Existing PM

Intersection #7: McCarthy Blvd. & Bellew Dr.



Street Name:	McCarthy Blvd.						Bellew Dr.					
Approach:	North Bound			South Bound			East Bound			West Bound		
Movement:	L -	T -	R	L -	T -	R	L -	T -	R	L -	T -	R
Min. Green:	7	10	10	7	10	10	7	10	10	7	10	10
Volume Module: >> Count Date: 14 Jun 2007 <<												
Base Vol:	16	1001	119	442	459	29	289	29	77	97	10	417
Growth Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Initial Bse:	16	1001	119	442	459	29	289	29	77	97	10	417
Added Vol:	0	0	0	0	0	0	0	0	0	0	0	0
PasserByVol:	0	0	0	0	0	0	0	0	0	0	0	0
Initial Fut:	16	1001	119	442	459	29	289	29	77	97	10	417
User Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
PHF Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
PHF Volume:	16	1001	119	442	459	29	289	29	77	97	10	417
Reduct Vol:	0	0	0	0	0	0	0	0	0	0	0	0
Reduced Vol:	16	1001	119	442	459	29	289	29	77	97	10	417
PCE Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
MLF Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
FinalVolume:	16	1001	119	442	459	29	289	29	77	97	10	417
Saturation Flow Module:												
Sat/Lane:	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900
Adjustment:	0.92	1.00	0.92	0.83	1.00	0.92	0.92	1.00	0.92	0.92	1.00	0.92
Lanes:	1.00	2.00	1.00	2.00	2.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Final Sat.:	1750	3800	1750	3150	3800	1750	1750	1900	1750	1750	1900	1750
Capacity Analysis Module:												
Vol/Sat:	0.01	0.26	0.07	0.14	0.12	0.02	0.17	0.02	0.04	0.06	0.01	0.24
Crit Moves:		****		****			****				****	
Green Time:	11.1	17.6	17.6	9.4	15.9	15.9	11.0	12.4	12.4	8.7	10.0	19.4
Volume/Cap:	0.05	0.90	0.23	0.90	0.46	0.06	0.90	0.07	0.21	0.38	0.03	0.74
Delay/Veh:	20.4	31.8	17.1	46.7	20.0	16.8	53.8	19.6	21.1	27.6	21.1	26.4
User DelAdj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
AdjDel/Veh:	20.4	31.8	17.1	46.7	20.0	16.8	53.8	19.6	21.1	27.6	21.1	26.4
LOS by Move:	C+	C	B	D	B-	B	D-	B-	C+	C	C+	C
HCM2k95thQ:	1	22	4	12	8	1	17	1	3	4	0	15

Note: Queue reported is the number of cars per lane.

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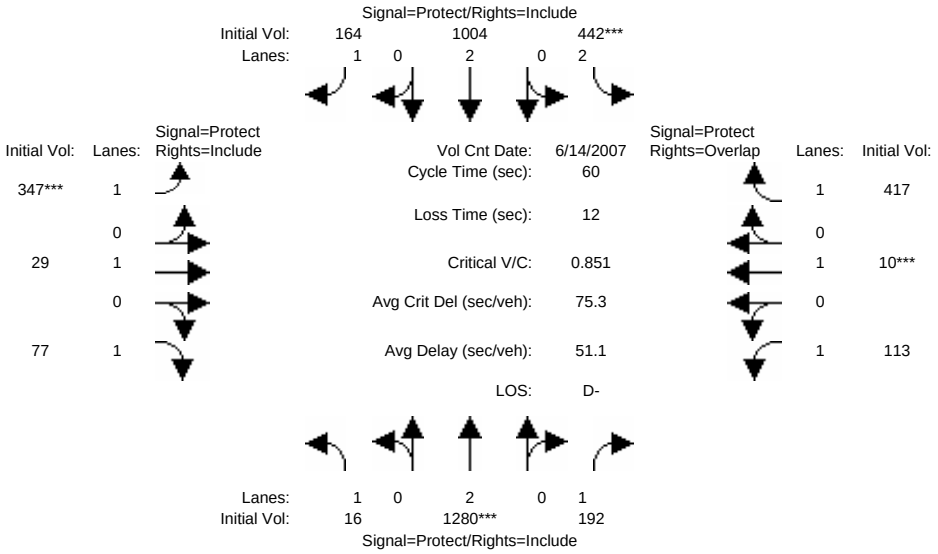
Milpitas Near-Term Cumulative Analysis

Level Of Service Computation Report
2000 HCM Operations (Future Volume Alternative)
Background PM

Intersection #7: McCarthy Blvd. & Bellew Dr.



Street Name:	McCarthy Blvd.						Bellew Dr.					
Approach:	North Bound			South Bound			East Bound			West Bound		
Movement:	L -	T -	R	L -	T -	R	L -	T -	R	L -	T -	R
Min. Green:	7	10	10	7	10	10	7	10	10	7	10	10
Volume Module: >> Count Date: 14 Jun 2007 <<												
Base Vol:	16	1001	119	442	459	29	289	29	77	97	10	417
Growth Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Initial Bse:	16	1001	119	442	459	29	289	29	77	97	10	417
Added Vol:	0	0	0	0	0	0	0	0	0	0	0	0
ATI:	0	279	73	0	545	135	58	0	0	16	0	0
Initial Fut:	16	1280	192	442	1004	164	347	29	77	113	10	417
User Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
PHF Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
PHF Volume:	16	1280	192	442	1004	164	347	29	77	113	10	417
Reduct Vol:	0	0	0	0	0	0	0	0	0	0	0	0
Reduced Vol:	16	1280	192	442	1004	164	347	29	77	113	10	417
PCE Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
MLF Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
FinalVolume:	16	1280	192	442	1004	164	347	29	77	113	10	417
Saturation Flow Module:												
Sat/Lane:	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900
Adjustment:	0.92	1.00	0.92	0.83	1.00	0.92	0.92	1.00	0.92	0.92	1.00	0.92
Lanes:	1.00	2.00	1.00	2.00	2.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Final Sat.:	1750	3800	1750	3150	3800	1750	1750	1900	1750	1750	1900	1750
Capacity Analysis Module:												
Vol/Sat:	0.01	0.34	0.11	0.14	0.26	0.09	0.20	0.02	0.04	0.06	0.01	0.24
Crit Moves:		****		****			****				****	
Green Time:	8.2	19.0	19.0	7.9	18.6	18.6	11.2	12.4	12.4	8.7	10.0	17.9
Volume/Cap:	0.07	1.07	0.35	1.07	0.85	0.30	1.07	0.07	0.21	0.44	0.03	0.80
Delay/Veh:	23.1	66.2	17.5	89.1	27.2	17.2	93.0	19.5	21.0	29.0	21.1	31.5
User DelAdj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
AdjDel/Veh:	23.1	66.2	17.5	89.1	27.2	17.2	93.0	19.5	21.0	29.0	21.1	31.5
LOS by Move:	C	E	B	F	C	B	F	B-	C+	C	C+	C
HCM2k95thQ:	1	36	7	16	18	6	24	1	3	5	0	16

Note: Queue reported is the number of cars per lane.

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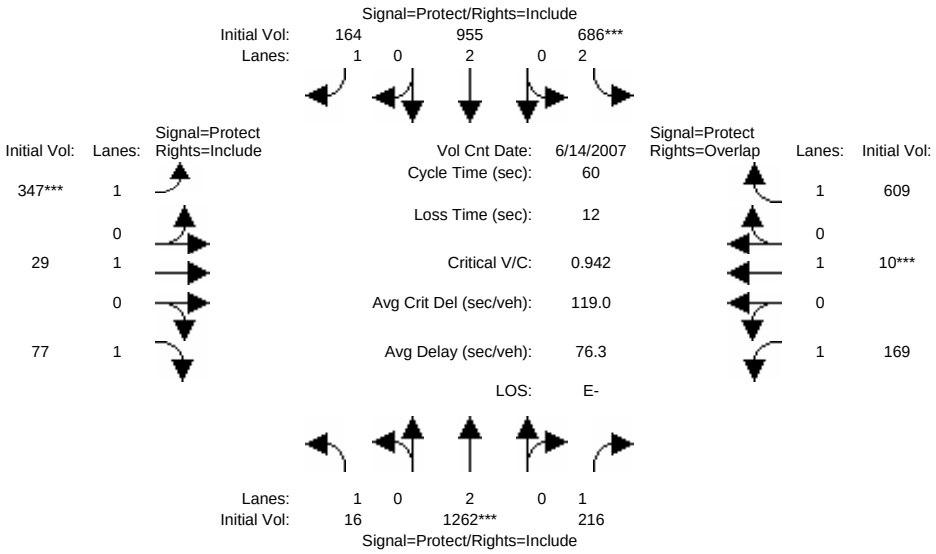
Level Of Service Computation Report
2000 HCM Operations (Future Volume Alternative)
Project PM

Intersection #9072: McCarthy Blvd. & Bellew Dr. (LT)



Street Name:	McCarthy Blvd.						Bellew Dr.					
Approach:	North Bound			South Bound			East Bound			West Bound		
Movement:	L	T	R	L	T	R	L	T	R	L	T	R
Min. Green:	7	10	10	7	10	10	7	10	10	7	10	10
Volume Module: >> Count Date: 14 Jun 2007 <<												
Base Vol:	16	1262	216	686	955	164	347	29	77	169	10	609
Growth Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Initial Bse:	16	1262	216	686	955	164	347	29	77	169	10	609
Added Vol:	0	0	0	0	0	0	0	0	0	0	0	0
PasserByVol:	0	0	0	0	0	0	0	0	0	0	0	0
Initial Fut:	16	1262	216	686	955	164	347	29	77	169	10	609
User Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
PHF Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
PHF Volume:	16	1262	216	686	955	164	347	29	77	169	10	609
Reduct Vol:	0	0	0	0	0	0	0	0	0	0	0	0
Reduced Vol:	16	1262	216	686	955	164	347	29	77	169	10	609
PCE Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
MLF Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
FinalVolume:	16	1262	216	686	955	164	347	29	77	169	10	609
Saturation Flow Module:												
Sat/Lane:	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900
Adjustment:	0.92	1.00	0.92	0.83	1.00	0.92	0.92	1.00	0.92	0.92	1.00	0.92
Lanes:	1.00	2.00	1.00	2.00	2.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Final Sat.:	1750	3800	1750	3150	3800	1750	1750	1900	1750	1750	1900	1750
Capacity Analysis Module:												
Vol/Sat:	0.01	0.33	0.12	0.22	0.25	0.09	0.20	0.02	0.04	0.10	0.01	0.35
Crit Moves:		****		****			****				****	
Green Time:	8.9	16.9	16.9	11.1	19.1	19.1	10.1	11.8	11.8	8.3	10.0	21.1
Volume/Cap:	0.06	1.18	0.44	1.18	0.79	0.29	1.18	0.08	0.22	0.70	0.03	0.99
Delay/Veh:	22.5	113	20.5	122.8	24.0	16.7	135.9	20.1	21.7	40.4	21.1	53.7
User DelAdj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
AdjDel/Veh:	22.5	113	20.5	122.8	24.0	16.7	135.9	20.1	21.7	40.4	21.1	53.7
LOS by Move:	C+	F	C+	F	C	B	F	C+	C+	D	C+	D-
HCM2kAvgQ:	0	27	4	19	10	3	18	0	1	5	0	20

Note: Queue reported is the number of cars per lane.

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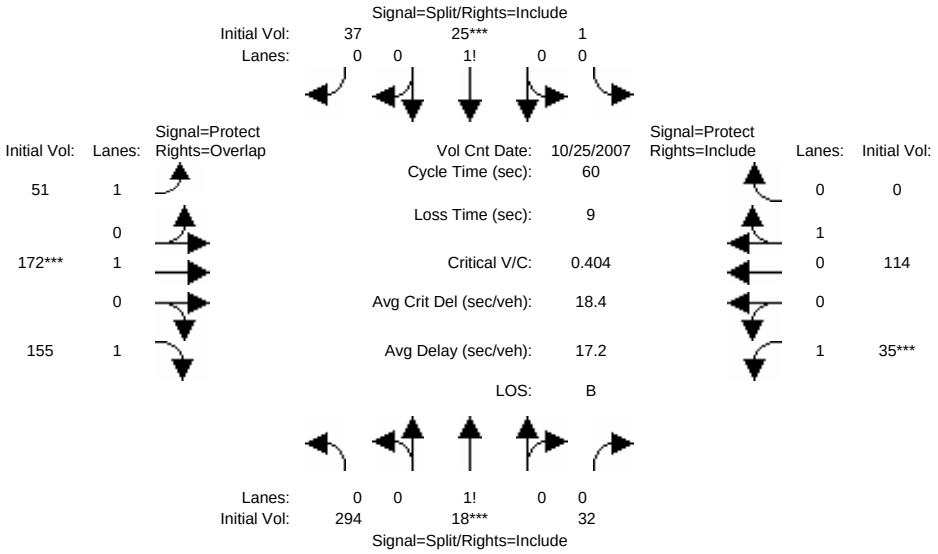
Level Of Service Computation Report
2000 HCM Operations (Future Volume Alternative)
Existing PM

Intersection #8: Barber Ln & Bellew Dr



Street Name:	Barber Ln						Bellew Dr					
Approach:	North Bound			South Bound			East Bound			West Bound		
Movement:	L - T - R			L - T - R			L - T - R			L - T - R		
Min. Green:	10	10	10	10	10	10	7	10	10	7	10	10
Volume Module: >> Count Date: 25 Oct 2007 <<												
Base Vol:	294	18	32	1	25	37	51	172	155	35	114	0
Growth Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Initial Bse:	294	18	32	1	25	37	51	172	155	35	114	0
Added Vol:	0	0	0	0	0	0	0	0	0	0	0	0
PasserByVol:	0	0	0	0	0	0	0	0	0	0	0	0
Initial Fut:	294	18	32	1	25	37	51	172	155	35	114	0
User Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
PHF Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
PHF Volume:	294	18	32	1	25	37	51	172	155	35	114	0
Reduct Vol:	0	0	0	0	0	0	0	0	0	0	0	0
Reduced Vol:	294	18	32	1	25	37	51	172	155	35	114	0
PCE Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
MLF Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
FinalVolume:	294	18	32	1	25	37	51	172	155	35	114	0
Saturation Flow Module:												
Sat/Lane:	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900
Adjustment:	0.92	0.92	0.92	0.92	0.92	0.92	0.92	1.00	0.92	0.92	0.95	0.92
Lanes:	0.86	0.05	0.09	0.01	0.40	0.59	1.00	1.00	1.00	1.00	1.00	0.00
Final Sat.:	1496	92	163	28	694	1028	1750	1900	1750	1750	1800	0
Capacity Analysis Module:												
Vol/Sat:	0.20	0.20	0.20	0.04	0.04	0.04	0.03	0.09	0.09	0.02	0.06	0.00
Crit Moves:		****			****			****			****	
Green Time:	23.3	23.3	23.3	10.0	10.0	10.0	7.3	10.7	34.0	7.0	10.4	0.0
Volume/Cap:	0.51	0.51	0.51	0.22	0.22	0.22	0.24	0.51	0.16	0.17	0.36	0.00
Delay/Veh:	14.6	14.6	14.6	22.0	22.0	22.0	24.4	23.5	6.3	24.3	22.6	0.0
User DelAdj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
AdjDel/Veh:	14.6	14.6	14.6	22.0	22.0	22.0	24.4	23.5	6.3	24.3	22.6	0.0
LOS by Move:	B	B	B	C+	C+	C+	C	C	A	C	C+	A
HCM2k95thQ:	11	11	11	3	3	3	2	6	3	2	5	0

Note: Queue reported is the number of cars per lane.

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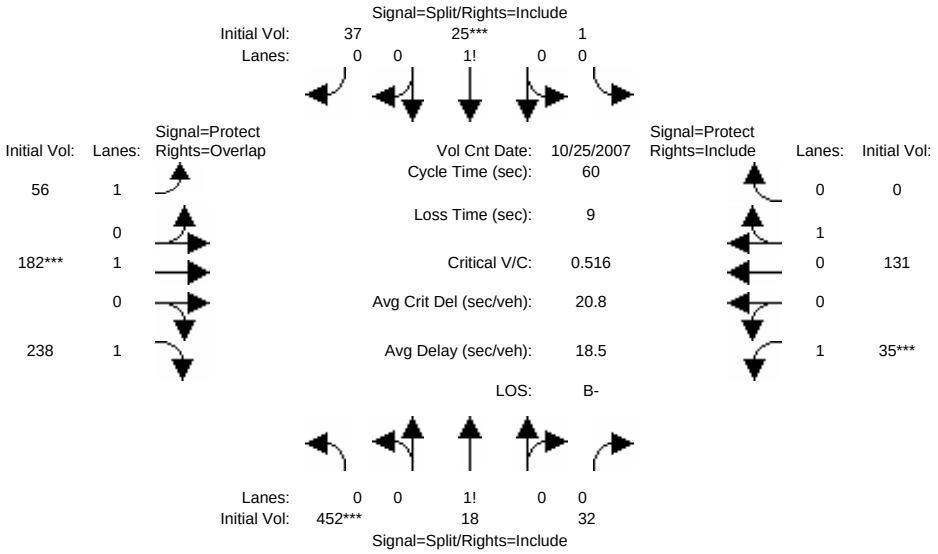
Milpitas Near-Term Cumulative Analysis

Level Of Service Computation Report
2000 HCM Operations (Future Volume Alternative)
Background PM

Intersection #8: Barber Ln & Bellew Dr



Street Name:	Barber Ln						Bellew Dr					
Approach:	North Bound			South Bound			East Bound			West Bound		
Movement:	L - T - R			L - T - R			L - T - R			L - T - R		
Min. Green:	10	10	10	10	10	10	7	10	10	7	10	10
Volume Module: >> Count Date: 25 Oct 2007 <<												
Base Vol:	294	18	32	1	25	37	51	172	155	35	114	0
Growth Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Initial Bse:	294	18	32	1	25	37	51	172	155	35	114	0
Added Vol:	0	0	0	0	0	0	0	0	0	0	0	0
ATI:	158	0	0	0	0	0	5	10	83	0	17	0
Initial Fut:	452	18	32	1	25	37	56	182	238	35	131	0
User Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
PHF Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
PHF Volume:	452	18	32	1	25	37	56	182	238	35	131	0
Reduct Vol:	0	0	0	0	0	0	0	0	0	0	0	0
Reduced Vol:	452	18	32	1	25	37	56	182	238	35	131	0
PCE Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
MLF Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
FinalVolume:	452	18	32	1	25	37	56	182	238	35	131	0
Saturation Flow Module:												
Sat/Lane:	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900
Adjustment:	0.92	0.92	0.92	0.92	0.92	0.92	0.92	1.00	0.92	0.92	0.95	0.92
Lanes:	0.90	0.04	0.06	0.01	0.40	0.59	1.00	1.00	1.00	1.00	1.00	0.00
Final Sat.:	1576	63	112	28	694	1028	1750	1900	1750	1750	1800	0
Capacity Analysis Module:												
Vol/Sat:	0.29	0.29	0.29	0.04	0.04	0.04	0.03	0.10	0.14	0.02	0.07	0.00
Crit Moves:	****				****			****		****		
Green Time:	24.0	24.0	24.0	10.0	10.0	10.0	7.0	10.0	34.0	7.0	10.0	0.0
Volume/Cap:	0.72	0.72	0.72	0.22	0.22	0.22	0.27	0.57	0.24	0.17	0.44	0.00
Delay/Veh:	18.7	18.7	18.7	22.0	22.0	22.0	24.9	25.6	6.6	24.3	23.5	0.0
User DelAdj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
AdjDel/Veh:	18.7	18.7	18.7	22.0	22.0	22.0	24.9	25.6	6.6	24.3	23.5	0.0
LOS by Move:	B-	B-	B-	C+	C+	C+	C	C	A	C	C	A
HCM2k95thQ:	18	18	18	3	3	3	2	6	5	2	6	0

Note: Queue reported is the number of cars per lane.

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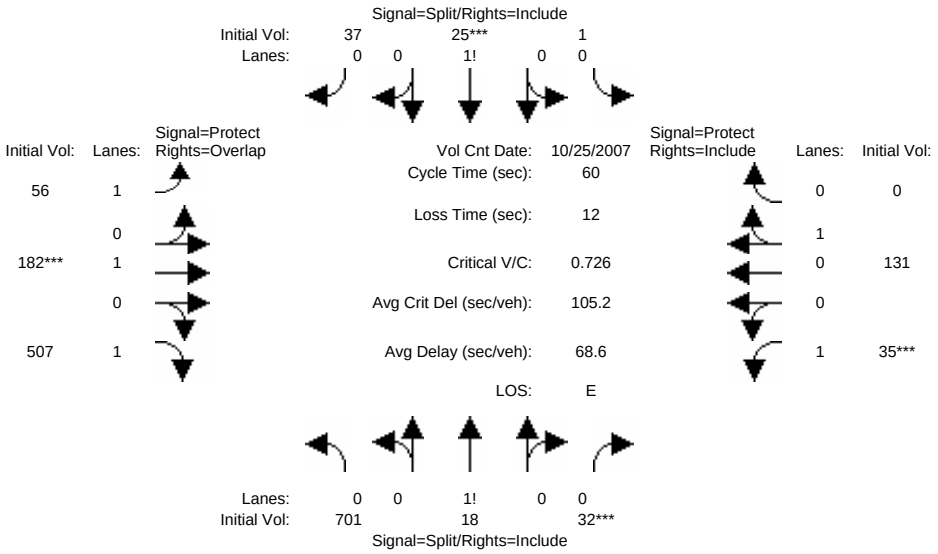
Level Of Service Computation Report
2000 HCM Operations (Future Volume Alternative)
Project PM

Intersection #8032: Barber Ln & Bellew Dr (LT)



Street Name:	Barber Ln						Bellew Dr					
Approach:	North Bound			South Bound			East Bound			West Bound		
Movement:	L -	T -	R	L -	T -	R	L -	T -	R	L -	T -	R
Min. Green:	10	10	10	10	10	10	7	10	10	7	10	10
Volume Module: >> Count Date: 25 Oct 2007 <<												
Base Vol:	701	18	32	1	25	37	56	182	507	35	131	0
Growth Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Initial Bse:	701	18	32	1	25	37	56	182	507	35	131	0
Added Vol:	0	0	0	0	0	0	0	0	0	0	0	0
PasserByVol:	0	0	0	0	0	0	0	0	0	0	0	0
Initial Fut:	701	18	32	1	25	37	56	182	507	35	131	0
User Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
PHF Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
PHF Volume:	701	18	32	1	25	37	56	182	507	35	131	0
Reduct Vol:	0	0	0	0	0	0	0	0	0	0	0	0
Reduced Vol:	701	18	32	1	25	37	56	182	507	35	131	0
PCE Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
MLF Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
FinalVolume:	701	18	32	1	25	37	56	182	507	35	131	0
Saturation Flow Module:												
Sat/Lane:	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900
Adjustment:	0.92	0.92	0.92	0.92	0.92	0.92	0.92	1.00	0.92	0.92	0.95	0.92
Lanes:	0.94	0.02	0.04	0.01	0.40	0.59	1.00	1.00	1.00	1.00	1.00	0.00
Final Sat.:	1633	42	75	28	694	1028	1750	1900	1750	1750	1800	0
Capacity Analysis Module:												
Vol/Sat:	0.43	0.43	0.43	0.04	0.04	0.04	0.03	0.10	0.29	0.02	0.07	0.00
Crit Moves:			****		****			****		****		
Green Time:	21.0	21.0	21.0	10.0	10.0	10.0	7.0	10.0	31.0	7.0	10.0	0.0
Volume/Cap:	1.23	1.23	1.23	0.22	0.22	0.22	0.27	0.57	0.56	0.17	0.44	0.00
Delay/Veh:	135.3	135	135.3	22.0	22.0	22.0	24.9	25.6	10.7	24.3	23.5	0.0
User DelAdj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
AdjDel/Veh:	135.3	135	135.3	22.0	22.0	22.0	24.9	25.6	10.7	24.3	23.5	0.0
LOS by Move:	F	F	F	C+	C+	C+	C	C	B+	C	C	A
HCM2kAvgQ:	37	37	37	1	1	1	1	4	7	1	3	0

Note: Queue reported is the number of cars per lane.

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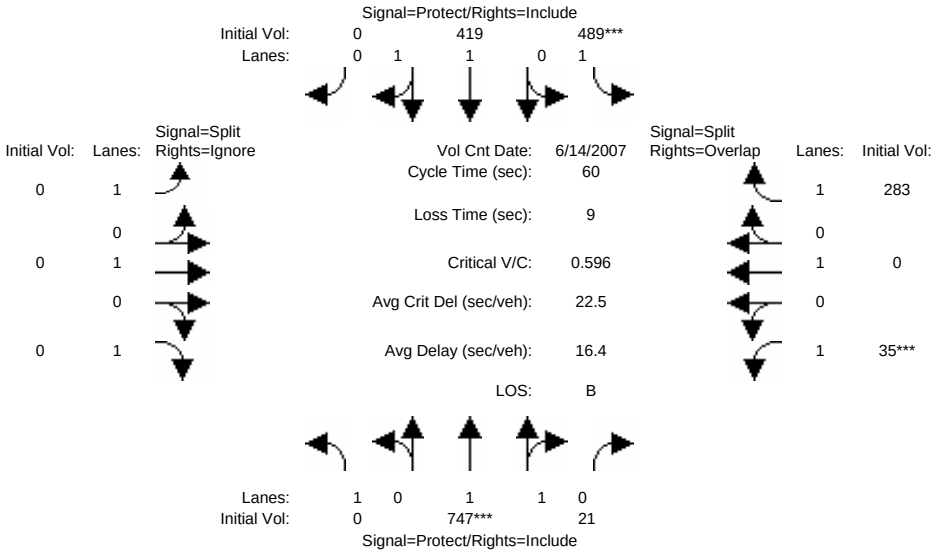
Milpitas Near-Term Cumulative Analysis

Level Of Service Computation Report
2000 HCM Operations (Future Volume Alternative)
Existing PM

Intersection #9: McCarthy Blvd. & Alder Dr.



Street Name:	McCarthy Blvd.						Alder Dr.					
Approach:	North Bound			South Bound			East Bound			West Bound		
Movement:	L	T	R	L	T	R	L	T	R	L	T	R
Min. Green:	0	10	10	7	10	0	0	0	0	10	0	10
Volume Module: >> Count Date: 14 Jun 2007 <<												
Base Vol:	0	747	21	489	419	0	0	0	0	35	0	283
Growth Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Initial Bse:	0	747	21	489	419	0	0	0	0	35	0	283
Added Vol:	0	0	0	0	0	0	0	0	0	0	0	0
PasserByVol:	0	0	0	0	0	0	0	0	0	0	0	0
Initial Fut:	0	747	21	489	419	0	0	0	0	35	0	283
User Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	0.00	1.00	1.00	1.00
PHF Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	0.00	1.00	1.00	1.00
PHF Volume:	0	747	21	489	419	0	0	0	0	35	0	283
Reduct Vol:	0	0	0	0	0	0	0	0	0	0	0	0
Reduced Vol:	0	747	21	489	419	0	0	0	0	35	0	283
PCE Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	0.00	1.00	1.00	1.00
MLF Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	0.00	1.00	1.00	1.00
FinalVolume:	0	747	21	489	419	0	0	0	0	35	0	283
Saturation Flow Module:												
Sat/Lane:	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900
Adjustment:	0.92	0.97	0.95	0.92	0.97	0.92	0.92	1.00	0.92	0.92	1.00	0.92
Lanes:	1.00	1.94	0.06	1.00	2.00	0.00	1.00	1.00	1.00	1.00	1.00	1.00
Final Sat.:	1750	3599	101	1750	3700	0	1750	1900	1750	1750	1900	1750
Capacity Analysis Module:												
Vol/Sat:	0.00	0.21	0.21	0.28	0.11	0.00	0.00	0.00	0.00	0.02	0.00	0.16
Crit Moves:		****		****						****		
Green Time:	0.0	17.5	17.5	23.5	41.0	0.0	0.0	0.0	0.0	10.0	0.0	33.5
Volume/Cap:	0.00	0.71	0.71	0.71	0.17	0.00	0.00	0.00	0.00	0.12	0.00	0.29
Delay/Veh:	0.0	23.0	23.0	21.6	3.5	0.0	0.0	0.0	0.0	22.1	0.0	7.7
User DelAdj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
AdjDel/Veh:	0.0	23.0	23.0	21.6	3.5	0.0	0.0	0.0	0.0	22.1	0.0	7.7
LOS by Move:	A	C	C	C+	A	A	A	A	A	C+	A	A
HCM2k95thQ:	0	15	15	17	3	0	0	0	0	1	0	7

Note: Queue reported is the number of cars per lane.

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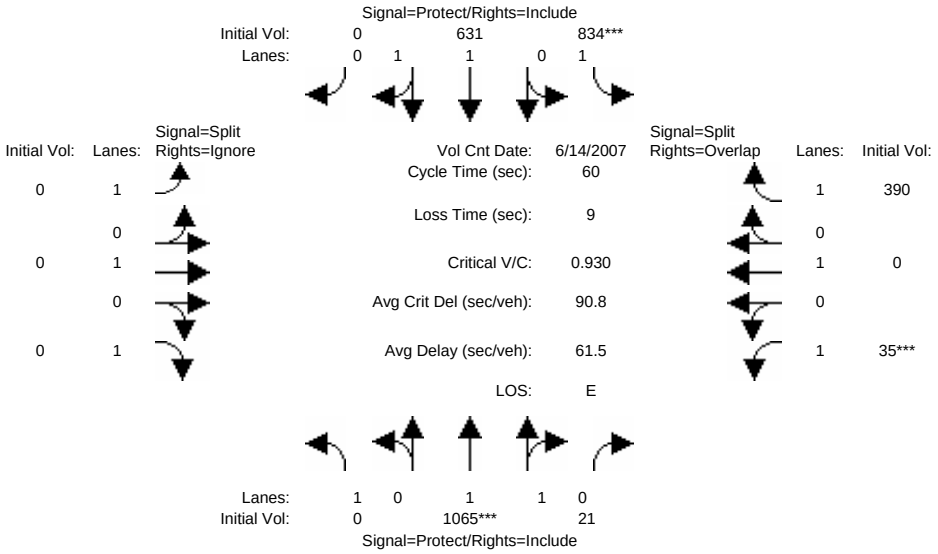
Milpitas Near-Term Cumulative Analysis

Level Of Service Computation Report
2000 HCM Operations (Future Volume Alternative)
Background PM

Intersection #9: McCarthy Blvd. & Alder Dr.



Street Name:	McCarthy Blvd.						Alder Dr.					
Approach:	North Bound			South Bound			East Bound			West Bound		
Movement:	L -	T -	R	L -	T -	R	L -	T -	R	L -	T -	R
Min. Green:	0	10	10	7	10	0	0	0	0	10	0	10
Volume Module: >> Count Date: 14 Jun 2007 <<												
Base Vol:	0	747	21	489	419	0	0	0	0	35	0	283
Growth Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Initial Bse:	0	747	21	489	419	0	0	0	0	35	0	283
Added Vol:	0	0	0	0	0	0	0	0	0	0	0	0
ATI:	0	318	0	345	212	0	0	0	0	0	0	107
Initial Fut:	0	1065	21	834	631	0	0	0	0	35	0	390
User Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	0.00	1.00	1.00	1.00
PHF Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	0.00	1.00	1.00	1.00
PHF Volume:	0	1065	21	834	631	0	0	0	0	35	0	390
Reduct Vol:	0	0	0	0	0	0	0	0	0	0	0	0
Reduced Vol:	0	1065	21	834	631	0	0	0	0	35	0	390
PCE Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	0.00	1.00	1.00	1.00
MLF Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	0.00	1.00	1.00	1.00
FinalVolume:	0	1065	21	834	631	0	0	0	0	35	0	390
Saturation Flow Module:												
Sat/Lane:	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900
Adjustment:	0.92	0.97	0.95	0.92	0.97	0.92	0.92	1.00	0.92	0.92	1.00	0.92
Lanes:	1.00	1.96	0.04	1.00	2.00	0.00	1.00	1.00	1.00	1.00	1.00	1.00
Final Sat.:	1750	3628	72	1750	3700	0	1750	1900	1750	1750	1900	1750
Capacity Analysis Module:												
Vol/Sat:	0.00	0.29	0.29	0.48	0.17	0.00	0.00	0.00	0.00	0.02	0.00	0.22
Crit Moves:		****		****						****		
Green Time:	0.0	15.6	15.6	25.4	41.0	0.0	0.0	0.0	0.0	10.0	0.0	35.4
Volume/Cap:	0.00	1.13	1.13	1.13	0.25	0.00	0.00	0.00	0.00	0.12	0.00	0.38
Delay/Veh:	0.0	92.7	92.7	91.2	3.9	0.0	0.0	0.0	0.0	22.1	0.0	7.6
User DelAdj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
AdjDel/Veh:	0.0	92.7	92.7	91.2	3.9	0.0	0.0	0.0	0.0	22.1	0.0	7.6
LOS by Move:	A	F	F	F	A	A	A	A	A	C+	A	A
HCM2k95thQ:	0	36	36	54	5	0	0	0	0	1	0	9

Note: Queue reported is the number of cars per lane.

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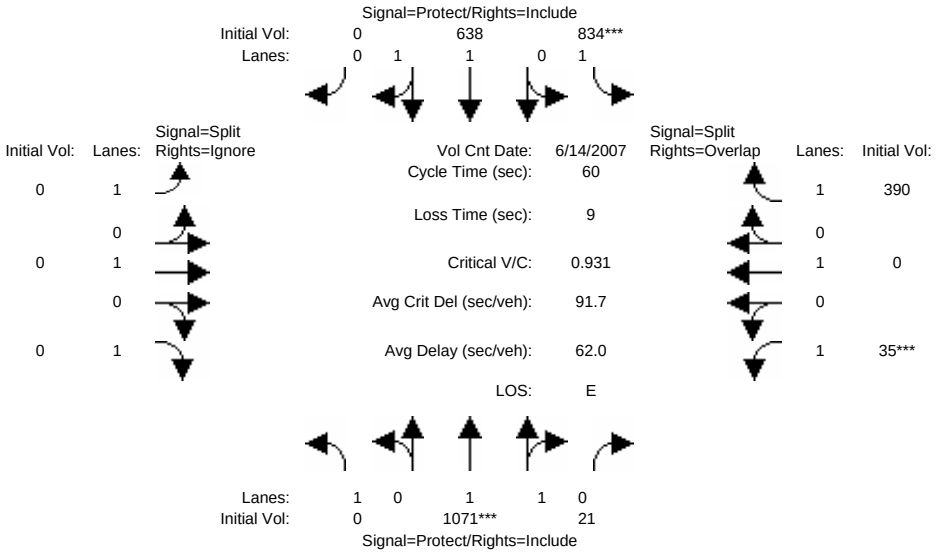
Milpitas Near-Term Cumulative Analysis

Level Of Service Computation Report
2000 HCM Operations (Future Volume Alternative)
Project PM

Intersection #9: McCarthy Blvd. & Alder Dr.



Street Name:	McCarthy Blvd.						Alder Dr.					
Approach:	North Bound			South Bound			East Bound			West Bound		
Movement:	L	T	R	L	T	R	L	T	R	L	T	R
Min. Green:	0	10	10	7	10	0	0	0	0	10	0	10
Volume Module: >> Count Date: 14 Jun 2007 <<												
Base Vol:	0	1065	21	834	631	0	0	0	0	35	0	390
Growth Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Initial Bse:	0	1065	21	834	631	0	0	0	0	35	0	390
Added Vol:	0	6	0	0	7	0	0	0	0	0	0	0
PasserByVol:	0	0	0	0	0	0	0	0	0	0	0	0
Initial Fut:	0	1071	21	834	638	0	0	0	0	35	0	390
User Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	0.00	1.00	1.00	1.00
PHF Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	0.00	1.00	1.00	1.00
PHF Volume:	0	1071	21	834	638	0	0	0	0	35	0	390
Reduct Vol:	0	0	0	0	0	0	0	0	0	0	0	0
Reduced Vol:	0	1071	21	834	638	0	0	0	0	35	0	390
PCE Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	0.00	1.00	1.00	1.00
MLF Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	0.00	1.00	1.00	1.00
FinalVolume:	0	1071	21	834	638	0	0	0	0	35	0	390
Saturation Flow Module:												
Sat/Lane:	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900
Adjustment:	0.92	0.97	0.95	0.92	0.97	0.92	0.92	1.00	0.92	0.92	1.00	0.92
Lanes:	1.00	1.96	0.04	1.00	2.00	0.00	1.00	1.00	1.00	1.00	1.00	1.00
Final Sat.:	1750	3629	71	1750	3700	0	1750	1900	1750	1750	1900	1750
Capacity Analysis Module:												
Vol/Sat:	0.00	0.30	0.30	0.48	0.17	0.00	0.00	0.00	0.00	0.02	0.00	0.22
Crit Moves:		****		****						****		
Green Time:	0.0	15.7	15.7	25.3	41.0	0.0	0.0	0.0	0.0	10.0	0.0	35.3
Volume/Cap:	0.00	1.13	1.13	1.13	0.25	0.00	0.00	0.00	0.00	0.12	0.00	0.38
Delay/Veh:	0.0	93.6	93.6	92.1	3.9	0.0	0.0	0.0	0.0	22.1	0.0	7.6
User DelAdj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
AdjDel/Veh:	0.0	93.6	93.6	92.1	3.9	0.0	0.0	0.0	0.0	22.1	0.0	7.6
LOS by Move:	A	F	F	F	A	A	A	A	A	C+	A	A
HCM2k95thQ:	0	36	36	54	5	0	0	0	0	1	0	9

Note: Queue reported is the number of cars per lane.

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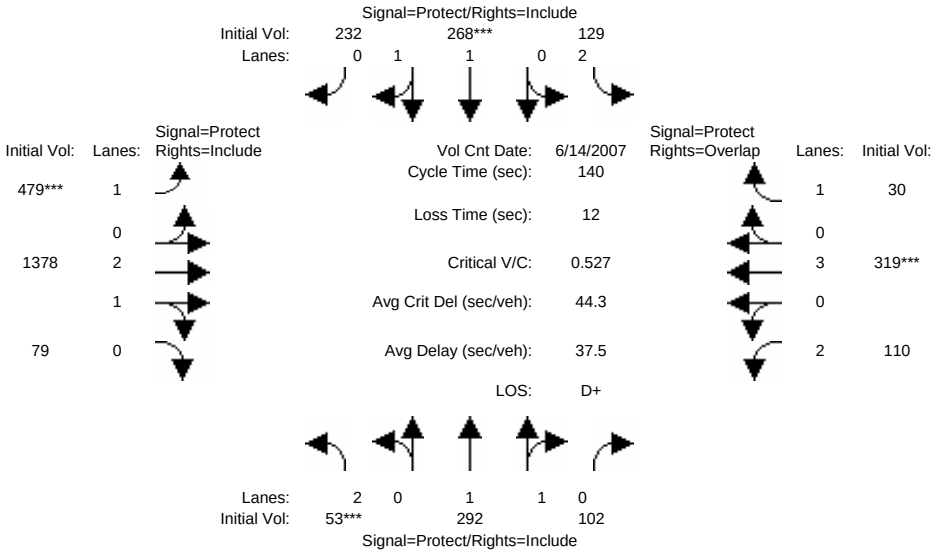
Milpitas Near-Term Cumulative Analysis

Level Of Service Computation Report
2000 HCM Operations (Future Volume Alternative)
Existing PM

Intersection #10: McCarthy Blvd. & Tasman Dr.



Street Name:	McCarthy Blvd.						Tasman Dr.					
Approach:	North Bound			South Bound			East Bound			West Bound		
Movement:	L	T	R	L	T	R	L	T	R	L	T	R
Min. Green:	7	10	10	7	10	10	7	10	10	7	10	10
Volume Module: >> Count Date: 14 Jun 2007 <<												
Base Vol:	53	292	102	129	268	232	479	1378	79	110	319	30
Growth Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Initial Bse:	53	292	102	129	268	232	479	1378	79	110	319	30
Added Vol:	0	0	0	0	0	0	0	0	0	0	0	0
PasserByVol:	0	0	0	0	0	0	0	0	0	0	0	0
Initial Fut:	53	292	102	129	268	232	479	1378	79	110	319	30
User Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
PHF Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
PHF Volume:	53	292	102	129	268	232	479	1378	79	110	319	30
Reduct Vol:	0	0	0	0	0	0	0	0	0	0	0	0
Reduced Vol:	53	292	102	129	268	232	479	1378	79	110	319	30
PCE Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
MLF Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
FinalVolume:	53	292	102	129	268	232	479	1378	79	110	319	30
Saturation Flow Module:												
Sat/Lane:	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900
Adjustment:	0.83	0.98	0.95	0.83	1.00	0.95	0.92	0.98	0.95	0.83	1.00	0.92
Lanes:	2.00	1.47	0.53	2.00	1.05	0.95	1.00	2.83	0.17	2.00	3.00	1.00
Final Sat.:	3150	2741	958	3150	1982	1716	1750	5296	304	3150	5700	1750
Capacity Analysis Module:												
Vol/Sat:	0.02	0.11	0.11	0.04	0.14	0.14	0.27	0.26	0.26	0.03	0.06	0.02
Crit Moves:	****				****		****				****	
Green Time:	7.0	28.7	28.7	13.5	35.2	35.2	71.2	72.0	72.0	13.8	14.6	28.0
Volume/Cap:	0.34	0.52	0.52	0.43	0.54	0.54	0.54	0.51	0.51	0.35	0.54	0.09
Delay/Veh:	69.9	52.0	52.0	63.9	47.6	47.6	25.6	23.0	23.0	62.0	63.0	46.0
User DelAdj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
AdjDel/Veh:	69.9	52.0	52.0	63.9	47.6	47.6	25.6	23.0	23.0	62.0	63.0	46.0
LOS by Move:	E	D-	D-	E	D	D	C	C+	C+	E	E	D
HCM2k95thQ:	3	14	14	7	17	17	25	23	23	6	9	3

Note: Queue reported is the number of cars per lane.

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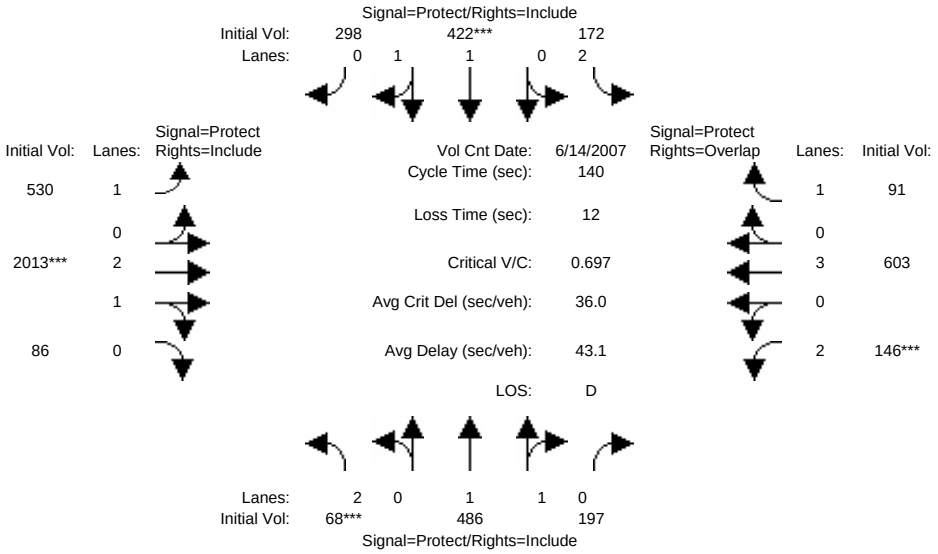
Milpitas Near-Term Cumulative Analysis

Level Of Service Computation Report
2000 HCM Operations (Future Volume Alternative)
Background PM

Intersection #10: McCarthy Blvd. & Tasman Dr.



Street Name:	McCarthy Blvd.						Tasman Dr.					
Approach:	North Bound			South Bound			East Bound			West Bound		
Movement:	L	T	R	L	T	R	L	T	R	L	T	R
Min. Green:	7	10	10	7	10	10	7	10	10	7	10	10
Volume Module: >> Count Date: 14 Jun 2007 <<												
Base Vol:	53	292	102	129	268	232	479	1378	79	110	319	30
Growth Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Initial Bse:	53	292	102	129	268	232	479	1378	79	110	319	30
Added Vol:	0	0	0	0	0	0	0	0	0	0	0	0
ATI:	15	194	95	43	154	66	51	635	7	36	284	61
Initial Fut:	68	486	197	172	422	298	530	2013	86	146	603	91
User Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
PHF Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
PHF Volume:	68	486	197	172	422	298	530	2013	86	146	603	91
Reduct Vol:	0	0	0	0	0	0	0	0	0	0	0	0
Reduced Vol:	68	486	197	172	422	298	530	2013	86	146	603	91
PCE Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
MLF Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
FinalVolume:	68	486	197	172	422	298	530	2013	86	146	603	91
Saturation Flow Module:												
Sat/Lane:	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900
Adjustment:	0.83	0.98	0.95	0.83	0.99	0.95	0.92	0.98	0.95	0.83	1.00	0.92
Lanes:	2.00	1.41	0.59	2.00	1.15	0.85	1.00	2.87	0.13	2.00	3.00	1.00
Final Sat.:	3150	2632	1067	3150	2167	1531	1750	5370	229	3150	5700	1750
Capacity Analysis Module:												
Vol/Sat:	0.02	0.18	0.18	0.05	0.19	0.19	0.30	0.37	0.37	0.05	0.11	0.05
Crit Moves:	****				****			****			****	
Green Time:	7.0	34.9	34.9	10.3	38.3	38.3	61.3	73.6	73.6	9.1	21.4	31.7
Volume/Cap:	0.43	0.74	0.74	0.74	0.71	0.71	0.69	0.71	0.71	0.71	0.69	0.23
Delay/Veh:	73.0	53.7	53.7	82.5	50.2	50.2	36.8	26.7	26.7	83.2	60.6	45.5
User DelAdj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
AdjDel/Veh:	73.0	53.7	53.7	82.5	50.2	50.2	36.8	26.7	26.7	83.2	60.6	45.5
LOS by Move:	E	D-	D-	F	D	D	D+	C	C	F	E	D
HCM2k95thQ:	4	24	24	11	25	25	32	37	37	8	15	7

Note: Queue reported is the number of cars per lane.

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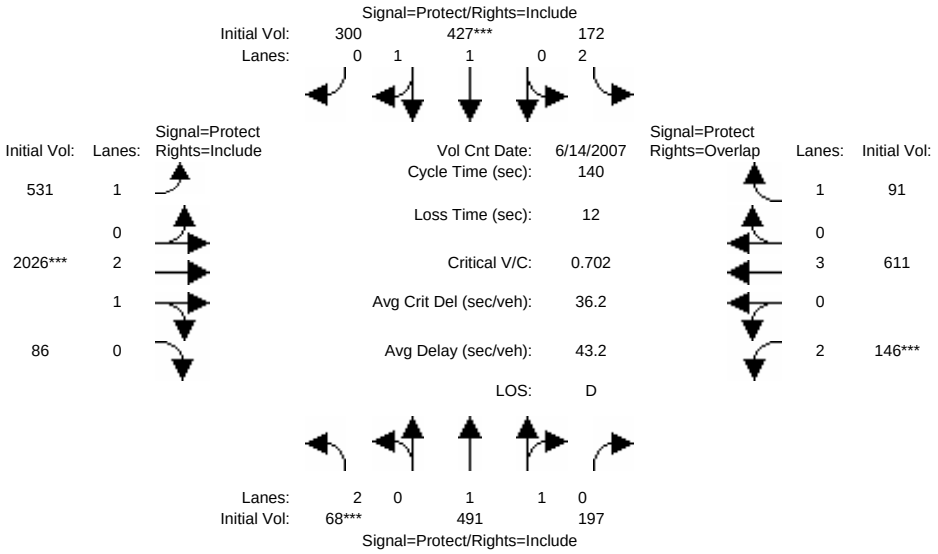
Milpitas Near-Term Cumulative Analysis

Level Of Service Computation Report
2000 HCM Operations (Future Volume Alternative)
Project PM

Intersection #10: McCarthy Blvd. & Tasman Dr.



Street Name:	McCarthy Blvd.						Tasman Dr.					
Approach:	North Bound			South Bound			East Bound			West Bound		
Movement:	L - T - R			L - T - R			L - T - R			L - T - R		
Min. Green:	7	10	10	7	10	10	7	10	10	7	10	10
Volume Module: >> Count Date: 14 Jun 2007 <<												
Base Vol:	68	486	197	172	422	298	530	2013	86	146	603	91
Growth Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Initial Bse:	68	486	197	172	422	298	530	2013	86	146	603	91
Added Vol:	0	5	0	0	5	2	1	13	0	0	8	0
PasserByVol:	0	0	0	0	0	0	0	0	0	0	0	0
Initial Fut:	68	491	197	172	427	300	531	2026	86	146	611	91
User Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
PHF Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
PHF Volume:	68	491	197	172	427	300	531	2026	86	146	611	91
Reduct Vol:	0	0	0	0	0	0	0	0	0	0	0	0
Reduced Vol:	68	491	197	172	427	300	531	2026	86	146	611	91
PCE Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
MLF Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
FinalVolume:	68	491	197	172	427	300	531	2026	86	146	611	91
Saturation Flow Module:												
Sat/Lane:	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900
Adjustment:	0.83	0.98	0.95	0.83	0.99	0.95	0.92	0.98	0.95	0.83	1.00	0.92
Lanes:	2.00	1.41	0.59	2.00	1.15	0.85	1.00	2.87	0.13	2.00	3.00	1.00
Final Sat.:	3150	2640	1059	3150	2172	1526	1750	5372	228	3150	5700	1750
Capacity Analysis Module:												
Vol/Sat:	0.02	0.19	0.19	0.05	0.20	0.20	0.30	0.38	0.38	0.05	0.11	0.05
Crit Moves:	****				****			****			****	
Green Time:	7.0	35.1	35.1	10.3	38.4	38.4	61.1	73.6	73.6	9.0	21.6	31.9
Volume/Cap:	0.43	0.74	0.74	0.74	0.72	0.72	0.70	0.72	0.72	0.72	0.70	0.23
Delay/Veh:	73.0	53.7	53.7	82.8	50.3	50.3	37.1	26.8	26.8	83.7	60.6	45.4
User DelAdj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
AdjDel/Veh:	73.0	53.7	53.7	82.8	50.3	50.3	37.1	26.8	26.8	83.7	60.6	45.4
LOS by Move:	E	D-	D-	F	D	D	D+	C	C	F	E	D
HCM2k95thQ:	4	24	24	11	25	25	32	37	37	8	16	7

Note: Queue reported is the number of cars per lane.

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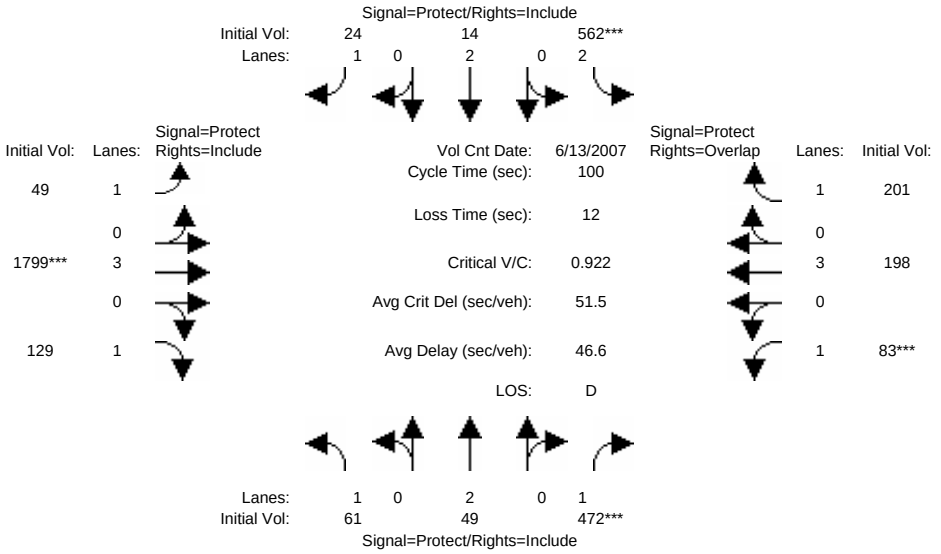
Milpitas Near-Term Cumulative Analysis

Level Of Service Computation Report
2000 HCM Operations (Future Volume Alternative)
Existing PM

Intersection #11: Tasman Dr. & Alder Dr.



Street Name:	Alder Dr.						Tasman Dr.					
Approach:	North Bound			South Bound			East Bound			West Bound		
Movement:	L -	T -	R	L -	T -	R	L -	T -	R	L -	T -	R
Min. Green:	7	10	10	7	10	10	7	10	10	7	10	10
Volume Module: >> Count Date: 13 Jun 2007 <<												
Base Vol:	61	49	472	562	14	24	49	1799	129	83	198	201
Growth Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Initial Bse:	61	49	472	562	14	24	49	1799	129	83	198	201
Added Vol:	0	0	0	0	0	0	0	0	0	0	0	0
PasserByVol:	0	0	0	0	0	0	0	0	0	0	0	0
Initial Fut:	61	49	472	562	14	24	49	1799	129	83	198	201
User Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
PHF Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
PHF Volume:	61	49	472	562	14	24	49	1799	129	83	198	201
Reduct Vol:	0	0	0	0	0	0	0	0	0	0	0	0
Reduced Vol:	61	49	472	562	14	24	49	1799	129	83	198	201
PCE Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
MLF Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
FinalVolume:	61	49	472	562	14	24	49	1799	129	83	198	201
Saturation Flow Module:												
Sat/Lane:	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900
Adjustment:	0.92	1.00	0.92	0.83	1.00	0.92	0.92	1.00	0.92	0.92	1.00	0.92
Lanes:	1.00	2.00	1.00	2.00	2.00	1.00	1.00	3.00	1.00	1.00	3.00	1.00
Final Sat.:	1750	3800	1750	3150	3800	1750	1750	5700	1750	1750	5700	1750
Capacity Analysis Module:												
Vol/Sat:	0.03	0.01	0.27	0.18	0.00	0.01	0.03	0.32	0.07	0.05	0.03	0.11
Crit Moves:			****	****				****		****		
Green Time:	19.6	28.6	28.6	18.9	28.0	28.0	16.7	33.5	33.5	7.0	23.8	42.7
Volume/Cap:	0.18	0.05	0.94	0.94	0.01	0.05	0.17	0.94	0.22	0.68	0.15	0.27
Delay/Veh:	34.6	25.9	63.2	65.2	26.1	26.5	37.0	43.3	24.8	71.6	30.3	19.4
User DelAdj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
AdjDel/Veh:	34.6	25.9	63.2	65.2	26.1	26.5	37.0	43.3	24.8	71.6	30.3	19.4
LOS by Move:	C-	C	E	E	C	C	D+	D	C	E	C	B-
HCM2k95thQ:	4	1	31	22	0	1	3	35	6	6	4	9

Note: Queue reported is the number of cars per lane.

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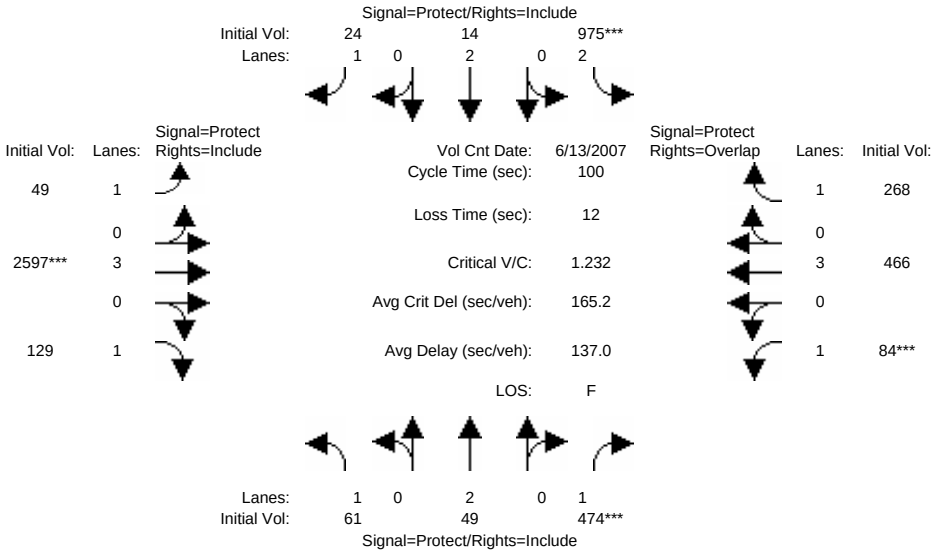
Milpitas Near-Term Cumulative Analysis

Level Of Service Computation Report
2000 HCM Operations (Future Volume Alternative)
Background PM

Intersection #11: Tasman Dr. & Alder Dr.



Street Name:	Alder Dr.						Tasman Dr.					
Approach:	North Bound			South Bound			East Bound			West Bound		
Movement:	L -	T -	R	L -	T -	R	L -	T -	R	L -	T -	R
Min. Green:	7	10	10	7	10	10	7	10	10	7	10	10
Volume Module: >> Count Date: 13 Jun 2007 <<												
Base Vol:	61	49	472	562	14	24	49	1799	129	83	198	201
Growth Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Initial Bse:	61	49	472	562	14	24	49	1799	129	83	198	201
Added Vol:	0	0	0	0	0	0	0	0	0	0	0	0
ATI:	0	0	2	413	0	0	0	798	0	1	268	67
Initial Fut:	61	49	474	975	14	24	49	2597	129	84	466	268
User Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
PHF Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
PHF Volume:	61	49	474	975	14	24	49	2597	129	84	466	268
Reduct Vol:	0	0	0	0	0	0	0	0	0	0	0	0
Reduced Vol:	61	49	474	975	14	24	49	2597	129	84	466	268
PCE Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
MLF Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
FinalVolume:	61	49	474	975	14	24	49	2597	129	84	466	268
Saturation Flow Module:												
Sat/Lane:	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900
Adjustment:	0.92	1.00	0.92	0.83	1.00	0.92	0.92	1.00	0.92	0.92	1.00	0.92
Lanes:	1.00	2.00	1.00	2.00	2.00	1.00	1.00	3.00	1.00	1.00	3.00	1.00
Final Sat.:	1750	3800	1750	3150	3800	1750	1750	5700	1750	1750	5700	1750
Capacity Analysis Module:												
Vol/Sat:	0.03	0.01	0.27	0.31	0.00	0.01	0.03	0.46	0.07	0.05	0.08	0.15
Crit Moves:			****	****				****		****		
Green Time:	18.7	21.2	21.2	24.2	26.7	26.7	17.6	35.6	35.6	7.0	25.1	49.3
Volume/Cap:	0.19	0.06	1.28	1.28	0.01	0.05	0.16	1.28	0.21	0.69	0.33	0.31
Delay/Veh:	35.5	31.6	184.3	173.5	27.0	27.5	36.1	162	23.1	72.4	31.2	16.1
User DelAdj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
AdjDel/Veh:	35.5	31.6	184.3	173.5	27.0	27.5	36.1	162	23.1	72.4	31.2	16.1
LOS by Move:	D+	C	F	F	C	C	D+	F	C	E	C	B
HCM2k95thQ:	4	1	49	56	0	1	3	80	6	7	8	10

Note: Queue reported is the number of cars per lane.

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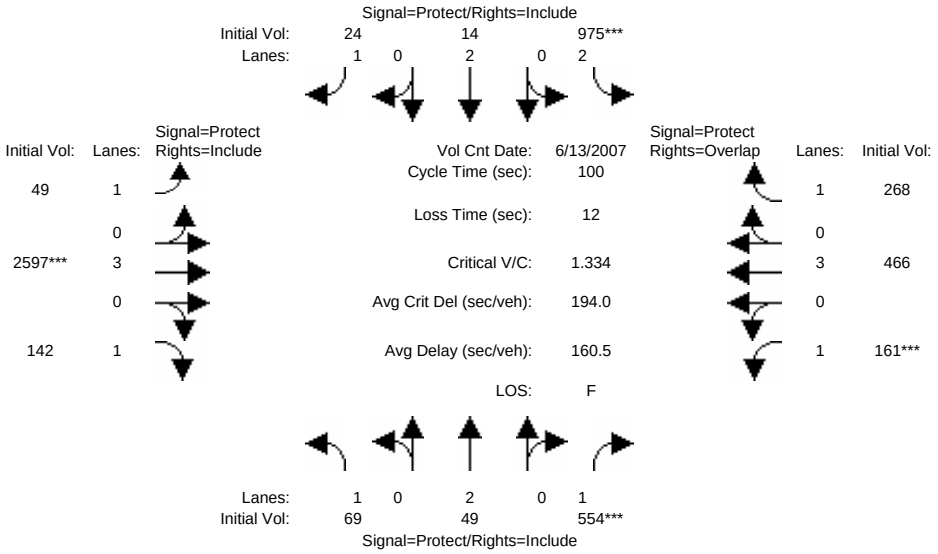
Milpitas Near-Term Cumulative Analysis

Level Of Service Computation Report
2000 HCM Operations (Future Volume Alternative)
Project PM

Intersection #11: Tasman Dr. & Alder Dr.



Street Name: Alder Dr. Tasman Dr.

Approach:	North Bound			South Bound			East Bound			West Bound		
Movement:	L -	T -	R	L -	T -	R	L -	T -	R	L -	T -	R
Min. Green:	7	10	10	7	10	10	7	10	10	7	10	10
Volume Module: >> Count Date: 13 Jun 2007 <<												
Base Vol:	61	49	474	975	14	24	49	2597	129	84	466	268
Growth Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Initial Bse:	61	49	474	975	14	24	49	2597	129	84	466	268
Added Vol:	8	0	80	0	0	0	0	0	13	77	0	0
PasserByVol:	0	0	0	0	0	0	0	0	0	0	0	0
Initial Fut:	69	49	554	975	14	24	49	2597	142	161	466	268
User Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
PHF Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
PHF Volume:	69	49	554	975	14	24	49	2597	142	161	466	268
Reduct Vol:	0	0	0	0	0	0	0	0	0	0	0	0
Reduced Vol:	69	49	554	975	14	24	49	2597	142	161	466	268
PCE Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
MLF Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
FinalVolume:	69	49	554	975	14	24	49	2597	142	161	466	268
Saturation Flow Module:												
Sat/Lane:	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900
Adjustment:	0.92	1.00	0.92	0.83	1.00	0.92	0.92	1.00	0.92	0.92	1.00	0.92
Lanes:	1.00	2.00	1.00	2.00	2.00	1.00	1.00	3.00	1.00	1.00	3.00	1.00
Final Sat.:	1750	3800	1750	3150	3800	1750	1750	5700	1750	1750	5700	1750
Capacity Analysis Module:												
Vol/Sat:	0.04	0.01	0.32	0.31	0.00	0.01	0.03	0.46	0.08	0.09	0.08	0.15
Crit Moves:			****	****				****		****		
Green Time:	19.3	23.7	23.7	23.2	27.6	27.6	16.9	34.1	34.1	7.0	24.2	47.4
Volume/Cap:	0.20	0.05	1.34	1.34	0.01	0.05	0.17	1.34	0.24	1.31	0.34	0.32
Delay/Veh:	35.3	29.6	204.7	198.6	26.3	26.8	36.7	187	24.6	234.2	32.0	17.4
User DelAdj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
AdjDel/Veh:	35.3	29.6	204.7	198.6	26.3	26.8	36.7	187	24.6	234.2	32.0	17.4
LOS by Move:	D+	C	F	F	C	C	D+	F	C	F	C	B
HCM2k95thQ:	4	1	61	60	0	1	3	85	7	19	8	11

Note: Queue reported is the number of cars per lane.

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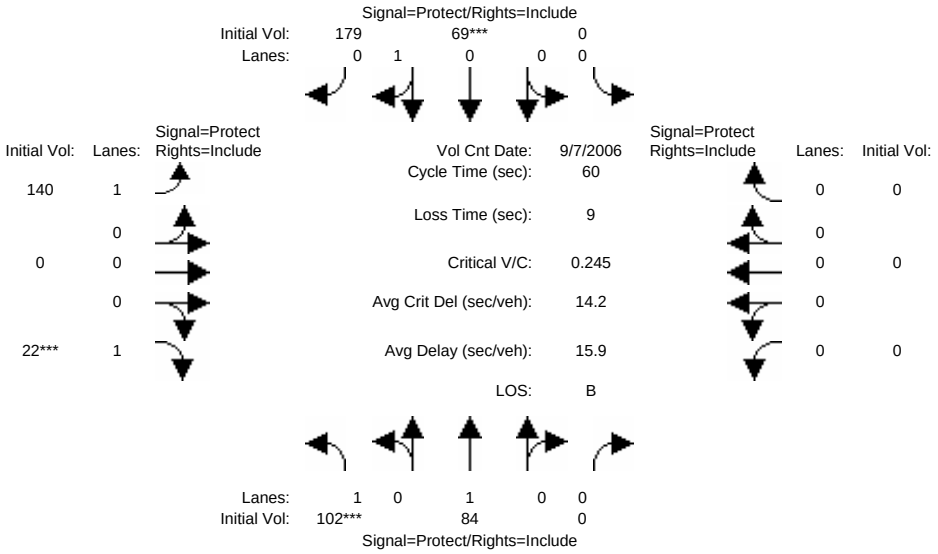
Milpitas Near-Term Cumulative Analysis

Level Of Service Computation Report
2000 HCM Operations (Future Volume Alternative)
Existing PM

Intersection #12: Barber Ln / Alder Dr



Street Name:	Barber Ln						Alder Dr					
Approach:	North Bound			South Bound			East Bound			West Bound		
Movement:	L -	T -	R	L -	T -	R	L -	T -	R	L -	T -	R
Min. Green:	7	10	0	0	10	10	7	0	10	0	0	0
Volume Module: >> Count Date: 7 Sep 2006 <<												
Base Vol:	102	84	0	0	69	179	140	0	22	0	0	0
Growth Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Initial Bse:	102	84	0	0	69	179	140	0	22	0	0	0
Added Vol:	0	0	0	0	0	0	0	0	0	0	0	0
PasserByVol:	0	0	0	0	0	0	0	0	0	0	0	0
Initial Fut:	102	84	0	0	69	179	140	0	22	0	0	0
User Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
PHF Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
PHF Volume:	102	84	0	0	69	179	140	0	22	0	0	0
Reduct Vol:	0	0	0	0	0	0	0	0	0	0	0	0
Reduced Vol:	102	84	0	0	69	179	140	0	22	0	0	0
PCE Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
MLF Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
FinalVolume:	102	84	0	0	69	179	140	0	22	0	0	0
Saturation Flow Module:												
Sat/Lane:	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900
Adjustment:	0.92	1.00	0.92	0.92	0.95	0.95	0.92	1.00	0.92	0.92	1.00	0.92
Lanes:	1.00	1.00	0.00	0.00	0.28	0.72	1.00	0.00	1.00	0.00	0.00	0.00
Final Sat.:	1750	1900	0	0	501	1299	1750	0	1750	0	0	0
Capacity Analysis Module:												
Vol/Sat:	0.06	0.04	0.00	0.00	0.14	0.14	0.08	0.00	0.01	0.00	0.00	0.00
Crit Moves:	****				****				****			
Green Time:	12.2	41.0	0.0	0.0	28.8	28.8	10.0	0.0	10.0	0.0	0.0	0.0
Volume/Cap:	0.29	0.06	0.00	0.00	0.29	0.29	0.48	0.00	0.08	0.00	0.00	0.00
Delay/Veh:	22.3	3.2	0.0	0.0	10.2	10.2	28.2	0.0	21.6	0.0	0.0	0.0
User DelAdj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
AdjDel/Veh:	22.3	3.2	0.0	0.0	10.2	10.2	28.2	0.0	21.6	0.0	0.0	0.0
LOS by Move:	C+	A	A	A	B+	B+	C	A	C+	A	A	A
HCM2k95thQ:	4	1	0	0	7	7	5	0	1	0	0	0

Note: Queue reported is the number of cars per lane.

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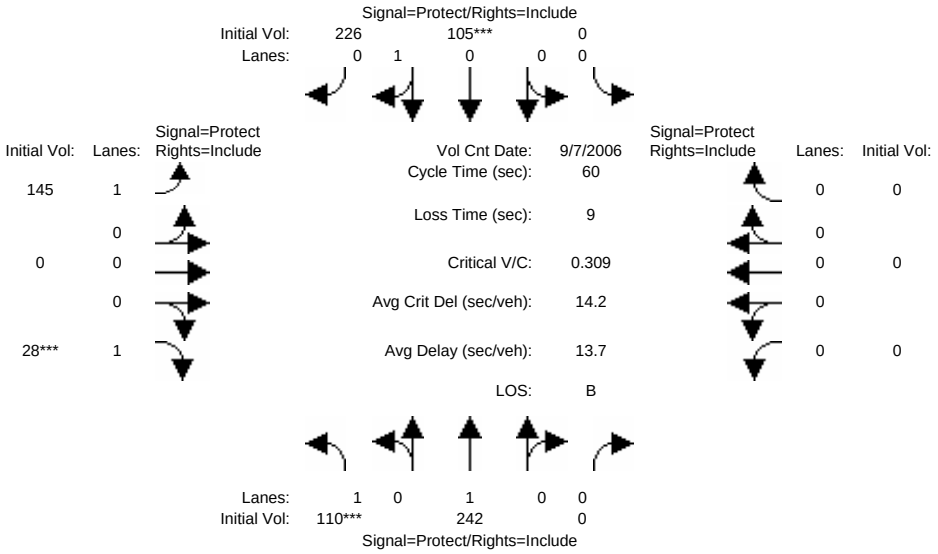
Milpitas Near-Term Cumulative Analysis

Level Of Service Computation Report
2000 HCM Operations (Future Volume Alternative)
Background PM

Intersection #12: Barber Ln / Alder Dr



Street Name:	Barber Ln						Alder Dr					
Approach:	North Bound			South Bound			East Bound			West Bound		
Movement:	L - T - R			L - T - R			L - T - R			L - T - R		
Min. Green:	7	10	0	0	10	10	7	0	10	0	0	0
Volume Module: >> Count Date: 7 Sep 2006 <<												
Base Vol:	102	84	0	0	69	179	140	0	22	0	0	0
Growth Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Initial Bse:	102	84	0	0	69	179	140	0	22	0	0	0
Added Vol:	0	0	0	0	0	0	0	0	0	0	0	0
ATI:	8	158	0	0	36	47	5	0	6	0	0	0
Initial Fut:	110	242	0	0	105	226	145	0	28	0	0	0
User Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
PHF Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
PHF Volume:	110	242	0	0	105	226	145	0	28	0	0	0
Reduct Vol:	0	0	0	0	0	0	0	0	0	0	0	0
Reduced Vol:	110	242	0	0	105	226	145	0	28	0	0	0
PCE Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
MLF Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
FinalVolume:	110	242	0	0	105	226	145	0	28	0	0	0
Saturation Flow Module:												
Sat/Lane:	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900
Adjustment:	0.92	1.00	0.92	0.92	0.95	0.95	0.92	1.00	0.92	0.92	1.00	0.92
Lanes:	1.00	1.00	0.00	0.00	0.32	0.68	1.00	0.00	1.00	0.00	0.00	0.00
Final Sat.:	1750	1900	0	0	571	1229	1750	0	1750	0	0	0
Capacity Analysis Module:												
Vol/Sat:	0.06	0.13	0.00	0.00	0.18	0.18	0.08	0.00	0.02	0.00	0.00	0.00
Crit Moves:	****				****				****			
Green Time:	10.4	41.0	0.0	0.0	30.6	30.6	10.0	0.0	10.0	0.0	0.0	0.0
Volume/Cap:	0.36	0.19	0.00	0.00	0.36	0.36	0.50	0.00	0.10	0.00	0.00	0.00
Delay/Veh:	25.1	3.8	0.0	0.0	10.0	10.0	28.7	0.0	21.8	0.0	0.0	0.0
User DelAdj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
AdjDel/Veh:	25.1	3.8	0.0	0.0	10.0	10.0	28.7	0.0	21.8	0.0	0.0	0.0
LOS by Move:	C	A	A	A	A	A	C	A	C+	A	A	A
HCM2k95thQ:	4	4	0	0	8	8	5	0	1	0	0	0

Note: Queue reported is the number of cars per lane.

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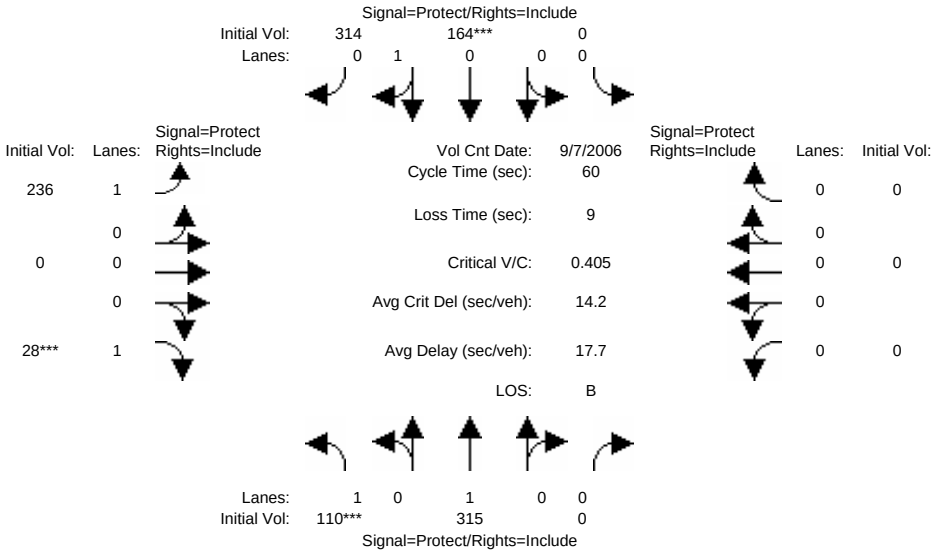
Milpitas Near-Term Cumulative Analysis

Level Of Service Computation Report
2000 HCM Operations (Future Volume Alternative)
Project PM

Intersection #12: Barber Ln / Alder Dr



Street Name:	Barber Ln						Alder Dr					
Approach:	North Bound			South Bound			East Bound			West Bound		
Movement:	L -	T -	R	L -	T -	R	L -	T -	R	L -	T -	R
Min. Green:	7	10	0	0	10	10	7	0	10	0	0	0
Volume Module: >> Count Date: 7 Sep 2006 <<												
Base Vol:	110	242	0	0	105	226	145	0	28	0	0	0
Growth Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Initial Bse:	110	242	0	0	105	226	145	0	28	0	0	0
Added Vol:	0	73	0	0	59	88	91	0	0	0	0	0
PasserByVol:	0	0	0	0	0	0	0	0	0	0	0	0
Initial Fut:	110	315	0	0	164	314	236	0	28	0	0	0
User Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
PHF Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
PHF Volume:	110	315	0	0	164	314	236	0	28	0	0	0
Reduct Vol:	0	0	0	0	0	0	0	0	0	0	0	0
Reduced Vol:	110	315	0	0	164	314	236	0	28	0	0	0
PCE Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
MLF Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
FinalVolume:	110	315	0	0	164	314	236	0	28	0	0	0
Saturation Flow Module:												
Sat/Lane:	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900
Adjustment:	0.92	1.00	0.92	0.92	0.95	0.95	0.92	1.00	0.92	0.92	1.00	0.92
Lanes:	1.00	1.00	0.00	0.00	0.34	0.66	1.00	0.00	1.00	0.00	0.00	0.00
Final Sat.:	1750	1900	0	0	618	1182	1750	0	1750	0	0	0
Capacity Analysis Module:												
Vol/Sat:	0.06	0.17	0.00	0.00	0.27	0.27	0.13	0.00	0.02	0.00	0.00	0.00
Crit Moves:	****				****				****			
Green Time:	7.8	41.0	0.0	0.0	33.2	33.2	10.0	0.0	10.0	0.0	0.0	0.0
Volume/Cap:	0.48	0.24	0.00	0.00	0.48	0.48	0.81	0.00	0.10	0.00	0.00	0.00
Delay/Veh:	31.2	4.0	0.0	0.0	9.8	9.8	45.1	0.0	21.8	0.0	0.0	0.0
User DelAdj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
AdjDel/Veh:	31.2	4.0	0.0	0.0	9.8	9.8	45.1	0.0	21.8	0.0	0.0	0.0
LOS by Move:	C	A	A	A	A	A	D	A	C+	A	A	A
HCM2k95thQ:	5	5	0	0	11	11	9	0	1	0	0	0

Note: Queue reported is the number of cars per lane.

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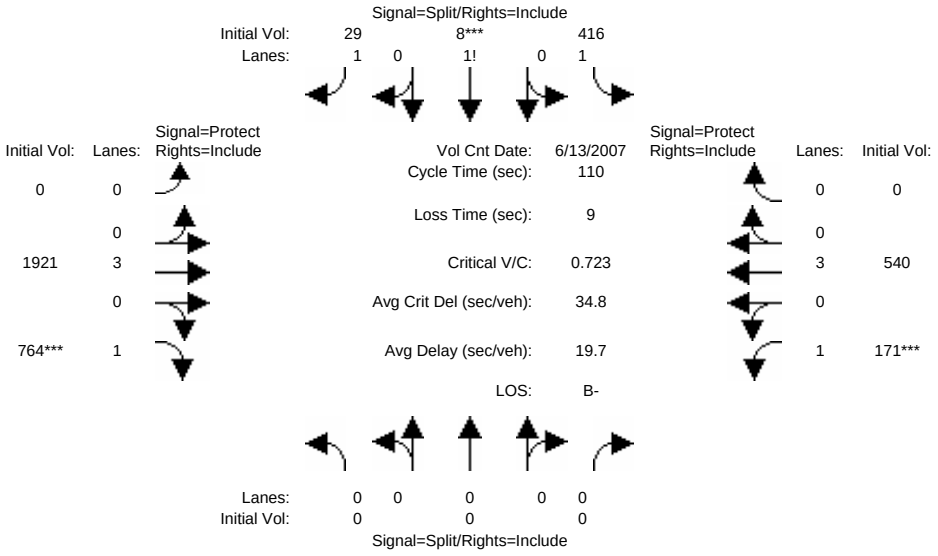
Milpitas Near-Term Cumulative Analysis

Level Of Service Computation Report
2000 HCM Operations (Future Volume Alternative)
Existing PM

Intersection #13: Tasman Dr. & I-880 SB Ramps



Street Name:	I-880 SB Ramps						Tasman Dr.					
Approach:	North Bound			South Bound			East Bound			West Bound		
Movement:	L - T - R			L - T - R			L - T - R			L - T - R		
Min. Green:	0	0	0	10	0	10	7	10	0	7	10	0
Volume Module: >> Count Date: 13 Jun 2007 <<												
Base Vol:	0	0	0	416	8	29	0	1921	764	171	540	0
Growth Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Initial Bse:	0	0	0	416	8	29	0	1921	764	171	540	0
Added Vol:	0	0	0	0	0	0	0	0	0	0	0	0
PasserByVol:	0	0	0	0	0	0	0	0	0	0	0	0
Initial Fut:	0	0	0	416	8	29	0	1921	764	171	540	0
User Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
PHF Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
PHF Volume:	0	0	0	416	8	29	0	1921	764	171	540	0
Reduct Vol:	0	0	0	0	0	0	0	0	0	0	0	0
Reduced Vol:	0	0	0	416	8	29	0	1921	764	171	540	0
PCE Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
MLF Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
FinalVolume:	0	0	0	416	8	29	0	1921	764	171	540	0
Saturation Flow Module:												
Sat/Lane:	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900
Adjustment:	0.92	1.00	0.92	0.93	0.95	0.92	0.92	1.00	0.92	0.92	1.00	0.92
Lanes:	0.00	0.00	0.00	1.91	0.03	1.06	0.00	3.00	1.00	1.00	3.00	0.00
Final Sat.:	0	0	0	3375	62	1862	0	5700	1750	1750	5700	0
Capacity Analysis Module:												
Vol/Sat:	0.00	0.00	0.00	0.12	0.13	0.02	0.00	0.34	0.44	0.10	0.09	0.00
Crit Moves:					****				****	****		
Green Time:	0.0	0.0	0.0	19.8	19.8	19.8	0.0	66.4	66.4	14.9	81.2	0.0
Volume/Cap:	0.00	0.00	0.00	0.69	0.72	0.09	0.00	0.56	0.72	0.72	0.13	0.00
Delay/Veh:	0.0	0.0	0.0	47.9	49.7	37.6	0.0	13.7	19.7	63.1	4.2	0.0
User DelAdj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
AdjDel/Veh:	0.0	0.0	0.0	47.9	49.7	37.6	0.0	13.7	19.7	63.1	4.2	0.0
LOS by Move:	A	A	A	D	D	D+	A	B	B-	E	A	A
HCM2k95thQ:	0	0	0	15	16	2	0	20	30	12	4	0

Note: Queue reported is the number of cars per lane.

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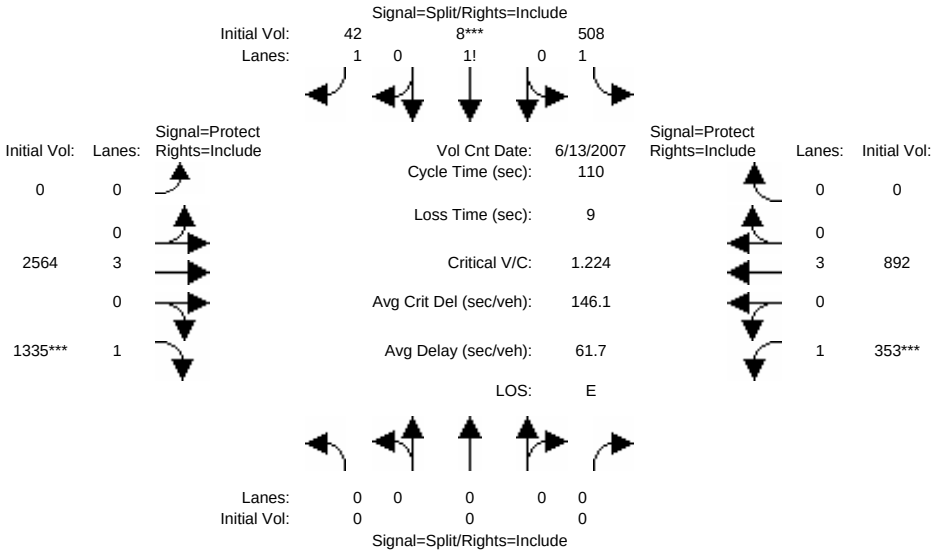
Milpitas Near-Term Cumulative Analysis

Level Of Service Computation Report
2000 HCM Operations (Future Volume Alternative)
Background PM

Intersection #13: Tasman Dr. & I-880 SB Ramps



Street Name:	I-880 SB Ramps						Tasman Dr.					
Approach:	North Bound			South Bound			East Bound			West Bound		
Movement:	L - T - R			L - T - R			L - T - R			L - T - R		
Min. Green:	0	0	0	10	0	10	7	10	0	7	10	0
Volume Module: >> Count Date: 13 Jun 2007 <<												
Base Vol:	0	0	0	416	8	29	0	1921	764	171	540	0
Growth Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Initial Bse:	0	0	0	416	8	29	0	1921	764	171	540	0
Added Vol:	0	0	0	0	0	0	0	0	0	0	0	0
ATI:	0	0	0	92	0	13	0	643	571	182	352	0
Initial Fut:	0	0	0	508	8	42	0	2564	1335	353	892	0
User Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
PHF Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
PHF Volume:	0	0	0	508	8	42	0	2564	1335	353	892	0
Reduct Vol:	0	0	0	0	0	0	0	0	0	0	0	0
Reduced Vol:	0	0	0	508	8	42	0	2564	1335	353	892	0
PCE Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
MLF Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
FinalVolume:	0	0	0	508	8	42	0	2564	1335	353	892	0
Saturation Flow Module:												
Sat/Lane:	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900
Adjustment:	0.92	1.00	0.92	0.93	0.95	0.92	0.92	1.00	0.92	0.92	1.00	0.92
Lanes:	0.00	0.00	0.00	1.90	0.03	1.07	0.00	3.00	1.00	1.00	3.00	0.00
Final Sat.:	0	0	0	3366	50	1882	0	5700	1750	1750	5700	0
Capacity Analysis Module:												
Vol/Sat:	0.00	0.00	0.00	0.15	0.16	0.02	0.00	0.45	0.76	0.20	0.16	0.00
Crit Moves:					****				****	****		
Green Time:	0.0	0.0	0.0	14.3	14.3	14.3	0.0	68.5	68.5	18.1	86.7	0.0
Volume/Cap:	0.00	0.00	0.00	1.16	1.22	0.17	0.00	0.72	1.22	1.22	0.20	0.00
Delay/Veh:	0.0	0.0	0.0	140.0	167	42.7	0.0	15.5	130.0	173.8	3.0	0.0
User DelAdj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
AdjDel/Veh:	0.0	0.0	0.0	140.0	167	42.7	0.0	15.5	130.0	173.8	3.0	0.0
LOS by Move:	A	A	A	F	F	D	A	B	F	F	A	A
HCM2k95thQ:	0	0	0	29	32	3	0	30	125	37	6	0

Note: Queue reported is the number of cars per lane.

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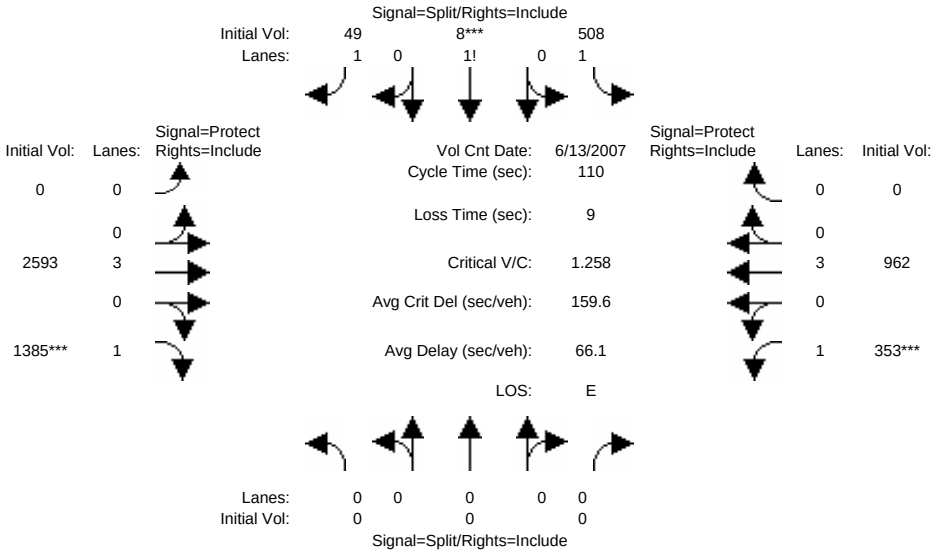
Milpitas Near-Term Cumulative Analysis

Level Of Service Computation Report
2000 HCM Operations (Future Volume Alternative)
Project PM

Intersection #13: Tasman Dr. & I-880 SB Ramps



Street Name:	I-880 SB Ramps						Tasman Dr.					
Approach:	North Bound			South Bound			East Bound			West Bound		
Movement:	L - T - R			L - T - R			L - T - R			L - T - R		
Min. Green:	0	0	0	10	0	10	7	10	0	7	10	0
Volume Module: >> Count Date: 13 Jun 2007 <<												
Base Vol:	0	0	0	508	8	42	0	2564	1335	353	892	0
Growth Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Initial Bse:	0	0	0	508	8	42	0	2564	1335	353	892	0
Added Vol:	0	0	0	0	0	7	0	29	50	0	70	0
PasserByVol:	0	0	0	0	0	0	0	0	0	0	0	0
Initial Fut:	0	0	0	508	8	49	0	2593	1385	353	962	0
User Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
PHF Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
PHF Volume:	0	0	0	508	8	49	0	2593	1385	353	962	0
Reduct Vol:	0	0	0	0	0	0	0	0	0	0	0	0
Reduced Vol:	0	0	0	508	8	49	0	2593	1385	353	962	0
PCE Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
MLF Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
FinalVolume:	0	0	0	508	8	49	0	2593	1385	353	962	0
Saturation Flow Module:												
Sat/Lane:	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900
Adjustment:	0.92	1.00	0.92	0.93	0.95	0.92	0.92	1.00	0.92	0.92	1.00	0.92
Lanes:	0.00	0.00	0.00	1.88	0.03	1.09	0.00	3.00	1.00	1.00	3.00	0.00
Final Sat.:	0	0	0	3347	50	1902	0	5700	1750	1750	5700	0
Capacity Analysis Module:												
Vol/Sat:	0.00	0.00	0.00	0.15	0.16	0.03	0.00	0.45	0.79	0.20	0.17	0.00
Crit Moves:					****				****	****		
Green Time:	0.0	0.0	0.0	14.1	14.1	14.1	0.0	69.2	69.2	17.6	86.9	0.0
Volume/Cap:	0.00	0.00	0.00	1.18	1.26	0.20	0.00	0.72	1.26	1.26	0.21	0.00
Delay/Veh:	0.0	0.0	0.0	149.3	181	43.0	0.0	15.2	143.8	187.7	3.0	0.0
User DelAdj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
AdjDel/Veh:	0.0	0.0	0.0	149.3	181	43.0	0.0	15.2	143.8	187.7	3.0	0.0
LOS by Move:	A	A	A	F	F	D	A	B	F	F	A	A
HCM2k95thQ:	0	0	0	30	33	4	0	30	136	38	6	0

Note: Queue reported is the number of cars per lane.

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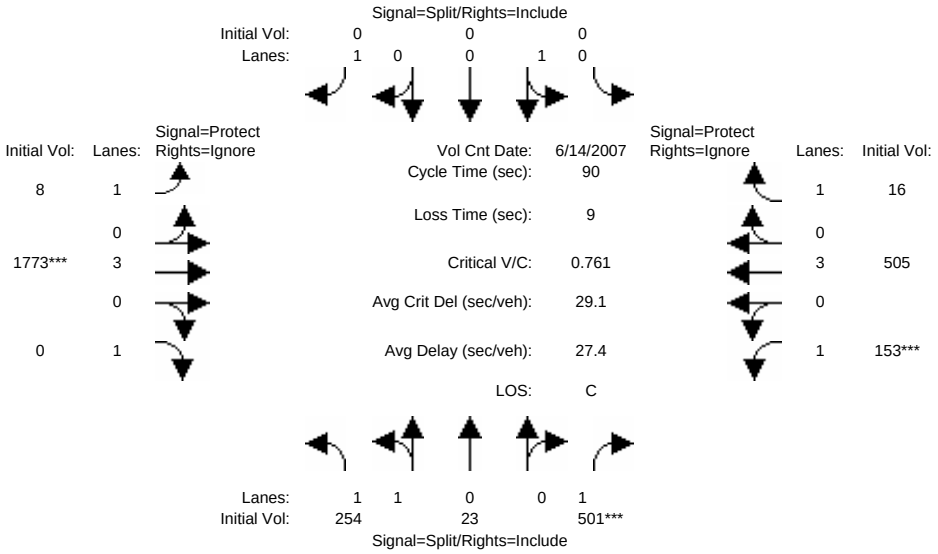
Milpitas Near-Term Cumulative Analysis

Level Of Service Computation Report
2000 HCM Operations (Future Volume Alternative)
Existing PM

Intersection #14: Great Mall Pkwy. & I-880 NB Ramps



Street Name:	I-880 NB Ramps						Great Mall Pkwy.					
Approach:	North Bound			South Bound			East Bound			West Bound		
Movement:	L - T - R			L - T - R			L - T - R			L - T - R		
Min. Green:	10	10	10	10	10	10	7	10	10	7	10	10
Volume Module: >> Count Date: 14 Jun 2007 <<												
Base Vol:	254	23	501	0	0	0	8	1773	0	153	505	16
Growth Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Initial Bse:	254	23	501	0	0	0	8	1773	0	153	505	16
Added Vol:	0	0	0	0	0	0	0	0	0	0	0	0
PasserByVol:	0	0	0	0	0	0	0	0	0	0	0	0
Initial Fut:	254	23	501	0	0	0	8	1773	0	153	505	16
User Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	0.00	1.00	1.00	0.00
PHF Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	0.00	1.00	1.00	0.00
PHF Volume:	254	23	501	0	0	0	8	1773	0	153	505	0
Reduct Vol:	0	0	0	0	0	0	0	0	0	0	0	0
Reduced Vol:	254	23	501	0	0	0	8	1773	0	153	505	0
PCE Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	0.00	1.00	1.00	0.00
MLF Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	0.00	1.00	1.00	0.00
FinalVolume:	254	23	501	0	0	0	8	1773	0	153	505	0
Saturation Flow Module:												
Sat/Lane:	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900
Adjustment:	0.93	0.95	0.92	0.95	0.95	0.92	0.92	1.00	0.92	0.92	1.00	0.92
Lanes:	1.84	0.16	1.00	0.00	1.00	1.00	1.00	3.00	1.00	1.00	3.00	1.00
Final Sat.:	3255	295	1750	0	1800	1750	1750	5700	1750	1750	5700	1750
Capacity Analysis Module:												
Vol/Sat:	0.08	0.08	0.29	0.00	0.00	0.00	0.00	0.31	0.00	0.09	0.09	0.00
Crit Moves:			****					****		****		
Green Time:	33.9	33.9	33.9	0.0	0.0	0.0	19.4	36.8	0.0	10.3	27.7	0.0
Volume/Cap:	0.21	0.21	0.76	0.00	0.00	0.00	0.02	0.76	0.00	0.76	0.29	0.00
Delay/Veh:	19.3	19.3	32.6	0.0	0.0	0.0	27.9	25.2	0.0	62.0	24.1	0.0
User DelAdj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
AdjDel/Veh:	19.3	19.3	32.6	0.0	0.0	0.0	27.9	25.2	0.0	62.0	24.1	0.0
LOS by Move:	B-	B-	C-	A	A	A	C	C	A	E	C	A
HCM2k95thQ:	6	6	24	0	0	0	0	25	0	10	7	0

Note: Queue reported is the number of cars per lane.

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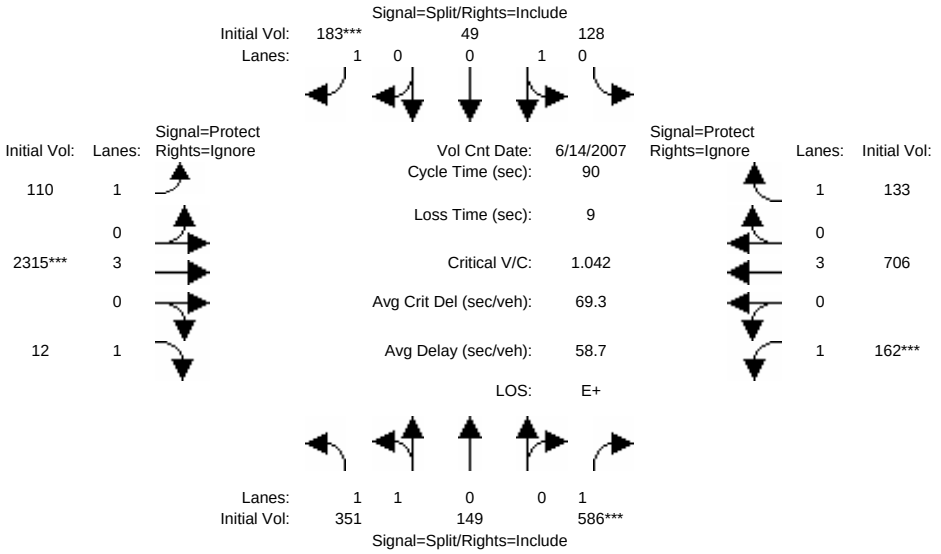
Milpitas Near-Term Cumulative Analysis

Level Of Service Computation Report
2000 HCM Operations (Future Volume Alternative)
Background PM

Intersection #14: Great Mall Pkwy. & I-880 NB Ramps



Street Name:	I-880 NB Ramps						Great Mall Pkwy.					
Approach:	North Bound			South Bound			East Bound			West Bound		
Movement:	L - T - R			L - T - R			L - T - R			L - T - R		
Min. Green:	10	10	10	10	10	10	7	10	10	7	10	10
Volume Module: >> Count Date: 14 Jun 2007 <<												
Base Vol:	254	23	501	0	0	0	8	1773	0	153	505	16
Growth Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Initial Bse:	254	23	501	0	0	0	8	1773	0	153	505	16
Added Vol:	0	0	0	0	0	0	0	0	0	0	0	0
ATI:	97	126	85	128	49	183	102	542	12	9	201	117
Initial Fut:	351	149	586	128	49	183	110	2315	12	162	706	133
User Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	0.00	1.00	1.00	0.00
PHF Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	0.00	1.00	1.00	0.00
PHF Volume:	351	149	586	128	49	183	110	2315	0	162	706	0
Reduct Vol:	0	0	0	0	0	0	0	0	0	0	0	0
Reduced Vol:	351	149	586	128	49	183	110	2315	0	162	706	0
PCE Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	0.00	1.00	1.00	0.00
MLF Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	0.00	1.00	1.00	0.00
FinalVolume:	351	149	586	128	49	183	110	2315	0	162	706	0
Saturation Flow Module:												
Sat/Lane:	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900
Adjustment:	0.93	0.95	0.92	0.95	0.95	0.92	0.92	1.00	0.92	0.92	1.00	0.92
Lanes:	1.41	0.59	1.00	0.72	0.28	1.00	1.00	3.00	1.00	1.00	3.00	1.00
Final Sat.:	2492	1058	1750	1302	498	1750	1750	5700	1750	1750	5700	1750
Capacity Analysis Module:												
Vol/Sat:	0.14	0.14	0.33	0.10	0.10	0.10	0.06	0.41	0.00	0.09	0.12	0.00
Crit Moves:			****			****		****		****		
Green Time:	28.9	28.9	28.9	9.0	9.0	9.0	16.6	35.1	0.0	8.0	26.4	0.0
Volume/Cap:	0.44	0.44	1.04	0.98	0.98	1.04	0.34	1.04	0.00	1.04	0.42	0.00
Delay/Veh:	25.4	25.4	80.0	102.4	102	120.0	34.8	58.7	0.0	124.9	26.4	0.0
User DelAdj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
AdjDel/Veh:	25.4	25.4	80.0	102.4	102	120.0	34.8	58.7	0.0	124.9	26.4	0.0
LOS by Move:	C	C	E-	F	F	F	C-	E+	A	F	C	A
HCM2k95thQ:	11	11	43	16	16	18	6	46	0	13	10	0

Note: Queue reported is the number of cars per lane.

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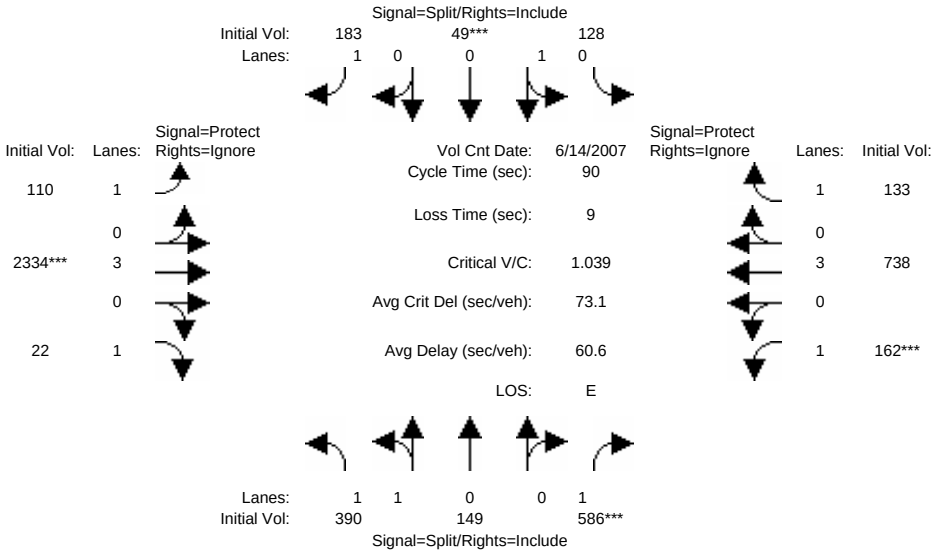
Level Of Service Computation Report
2000 HCM Operations (Future Volume Alternative)
Project PM

Intersection #14: Great Mall Pkwy. & I-880 NB Ramps



Street Name:	I-880 NB Ramps						Great Mall Pkwy.					
Approach:	North Bound			South Bound			East Bound			West Bound		
Movement:	L - T - R			L - T - R			L - T - R			L - T - R		
Min. Green:	10	10	10	10	10	10	7	10	10	7	10	10
Volume Module: >> Count Date: 14 Jun 2007 <<												
Base Vol:	351	149	586	128	49	183	110	2315	12	162	706	133
Growth Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Initial Bse:	351	149	586	128	49	183	110	2315	12	162	706	133
Added Vol:	39	0	0	0	0	0	0	19	10	0	32	0
PasserByVol:	0	0	0	0	0	0	0	0	0	0	0	0
Initial Fut:	390	149	586	128	49	183	110	2334	22	162	738	133
User Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	0.00	1.00	1.00	0.00
PHF Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	0.00	1.00	1.00	0.00
PHF Volume:	390	149	586	128	49	183	110	2334	0	162	738	0
Reduct Vol:	0	0	0	0	0	0	0	0	0	0	0	0
Reduced Vol:	390	149	586	128	49	183	110	2334	0	162	738	0
PCE Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	0.00	1.00	1.00	0.00
MLF Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	0.00	1.00	1.00	0.00
FinalVolume:	390	149	586	128	49	183	110	2334	0	162	738	0
Saturation Flow Module:												
Sat/Lane:	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900
Adjustment:	0.93	0.95	0.92	0.95	0.95	0.92	0.92	1.00	0.92	0.92	1.00	0.92
Lanes:	1.45	0.55	1.00	0.72	0.28	1.00	1.00	3.00	1.00	1.00	3.00	1.00
Final Sat.:	2568	981	1750	1302	498	1750	1750	5700	1750	1750	5700	1750
Capacity Analysis Module:												
Vol/Sat:	0.15	0.15	0.33	0.10	0.10	0.10	0.06	0.41	0.00	0.09	0.13	0.00
Crit Moves:			****		****			****		****		
Green Time:	28.4	28.4	28.4	10.0	10.0	10.0	16.0	34.7	0.0	7.9	26.6	0.0
Volume/Cap:	0.48	0.48	1.06	0.89	0.89	0.94	0.35	1.06	0.00	1.06	0.44	0.00
Delay/Veh:	26.3	26.3	86.2	78.8	78.8	90.5	35.6	65.4	0.0	131.0	26.5	0.0
User DelAdj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
AdjDel/Veh:	26.3	26.3	86.2	78.8	78.8	90.5	35.6	65.4	0.0	131.0	26.5	0.0
LOS by Move:	C	C	F	E-	E-	F	D+	E	A	F	C	A
HCM2k95thQ:	13	13	44	15	15	16	6	48	0	14	10	0

Note: Queue reported is the number of cars per lane.

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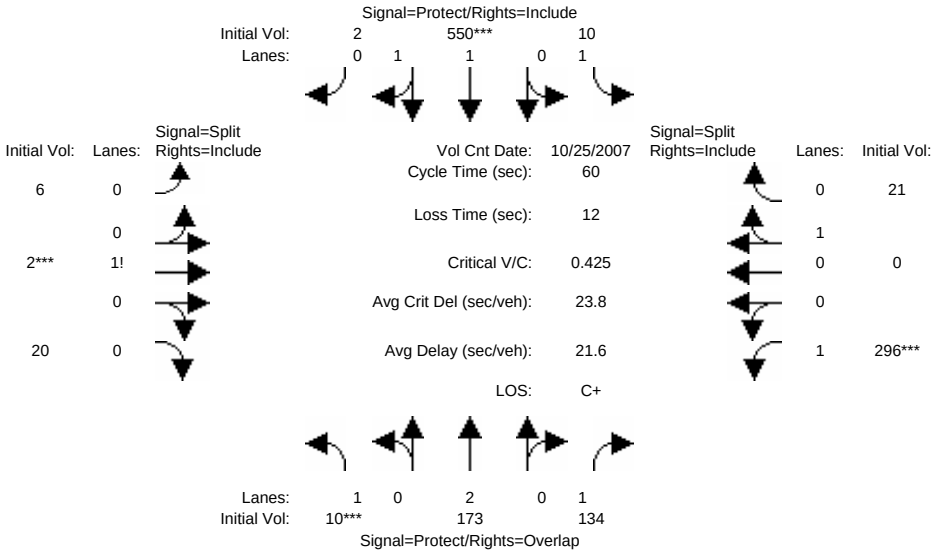
Milpitas Near-Term Cumulative Analysis

Level Of Service Computation Report
2000 HCM Operations (Future Volume Alternative)
Existing PM

Intersection #15: McCarthy Blvd / Barber Ln



Street Name:	McCarthy Blvd						Barber Ln.					
Approach:	North Bound			South Bound			East Bound			West Bound		
Movement:	L - T - R			L - T - R			L - T - R			L - T - R		
Min. Green:	7	10	10	7	10	10	10	10	10	10	10	10
Volume Module: >> Count Date: 25 Oct 2007 <<												
Base Vol:	10	173	134	10	550	2	6	2	20	296	0	21
Growth Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Initial Bse:	10	173	134	10	550	2	6	2	20	296	0	21
Added Vol:	0	0	0	0	0	0	0	0	0	0	0	0
PasserByVol:	0	0	0	0	0	0	0	0	0	0	0	0
Initial Fut:	10	173	134	10	550	2	6	2	20	296	0	21
User Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
PHF Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
PHF Volume:	10	173	134	10	550	2	6	2	20	296	0	21
Reduct Vol:	0	0	0	0	0	0	0	0	0	0	0	0
Reduced Vol:	10	173	134	10	550	2	6	2	20	296	0	21
PCE Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
MLF Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
FinalVolume:	10	173	134	10	550	2	6	2	20	296	0	21
Saturation Flow Module:												
Sat/Lane:	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900
Adjustment:	0.92	1.00	0.92	0.92	0.97	0.95	0.92	0.92	0.92	0.92	1.00	0.95
Lanes:	1.00	2.00	1.00	1.00	1.99	0.01	0.21	0.07	0.72	1.00	0.00	1.00
Final Sat.:	1750	3800	1750	1750	3687	13	375	125	1250	1750	0	1800
Capacity Analysis Module:												
Vol/Sat:	0.01	0.05	0.08	0.01	0.15	0.15	0.02	0.02	0.02	0.17	0.00	0.01
Crit Moves:	****				****			****		****		
Green Time:	7.0	12.7	29.1	8.9	14.5	14.5	10.0	10.0	10.0	16.5	0.0	16.5
Volume/Cap:	0.05	0.22	0.16	0.04	0.62	0.62	0.10	0.10	0.10	0.62	0.00	0.04
Delay/Veh:	24.0	20.2	9.0	22.2	23.4	23.4	21.8	21.8	21.8	24.8	0.0	16.1
User DelAdj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
AdjDel/Veh:	24.0	20.2	9.0	22.2	23.4	23.4	21.8	21.8	21.8	24.8	0.0	16.1
LOS by Move:	C	C+	A	C+	C	C	C+	C+	C+	C	A	B
HCM2k95thQ:	0	3	3	0	10	10	1	1	1	11	0	1

Note: Queue reported is the number of cars per lane.

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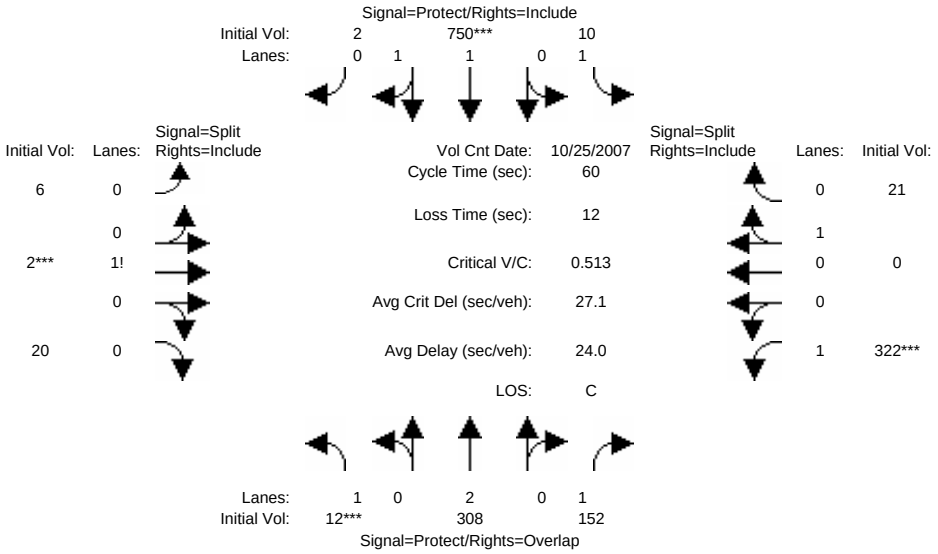
Milpitas Near-Term Cumulative Analysis

Level Of Service Computation Report
2000 HCM Operations (Future Volume Alternative)
Background PM

Intersection #15: McCarthy Blvd / Barber Ln



Street Name:	McCarthy Blvd						Barber Ln.					
Approach:	North Bound			South Bound			East Bound			West Bound		
Movement:	L - T - R			L - T - R			L - T - R			L - T - R		
Min. Green:	7	10	10	7	10	10	10	10	10	10	10	10
Volume Module: >> Count Date: 25 Oct 2007 <<												
Base Vol:	10	173	134	10	550	2	6	2	20	296	0	21
Growth Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Initial Bse:	10	173	134	10	550	2	6	2	20	296	0	21
Added Vol:	0	0	0	0	0	0	0	0	0	0	0	0
ATI:	2	135	18	0	200	0	0	0	0	26	0	0
Initial Fut:	12	308	152	10	750	2	6	2	20	322	0	21
User Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
PHF Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
PHF Volume:	12	308	152	10	750	2	6	2	20	322	0	21
Reduct Vol:	0	0	0	0	0	0	0	0	0	0	0	0
Reduced Vol:	12	308	152	10	750	2	6	2	20	322	0	21
PCE Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
MLF Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
FinalVolume:	12	308	152	10	750	2	6	2	20	322	0	21
Saturation Flow Module:												
Sat/Lane:	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900
Adjustment:	0.92	1.00	0.92	0.92	0.97	0.95	0.92	0.92	0.92	0.92	1.00	0.95
Lanes:	1.00	2.00	1.00	1.00	1.99	0.01	0.21	0.07	0.72	1.00	0.00	1.00
Final Sat.:	1750	3800	1750	1750	3690	10	375	125	1250	1750	0	1800
Capacity Analysis Module:												
Vol/Sat:	0.01	0.08	0.09	0.01	0.20	0.20	0.02	0.02	0.02	0.18	0.00	0.01
Crit Moves:	****				****			****		****		
Green Time:	7.0	13.7	28.4	9.6	16.3	16.3	10.0	10.0	10.0	14.7	0.0	14.7
Volume/Cap:	0.06	0.36	0.18	0.04	0.75	0.75	0.10	0.10	0.10	0.75	0.00	0.05
Delay/Veh:	24.1	20.6	9.6	21.5	25.1	25.1	21.8	21.8	21.8	32.3	0.0	17.5
User DelAdj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
AdjDel/Veh:	24.1	20.6	9.6	21.5	25.1	25.1	21.8	21.8	21.8	32.3	0.0	17.5
LOS by Move:	C	C+	A	C+	C	C	C+	C+	C+	C-	A	B
HCM2k95thQ:	0	5	4	0	13	13	1	1	1	13	0	1

Note: Queue reported is the number of cars per lane.

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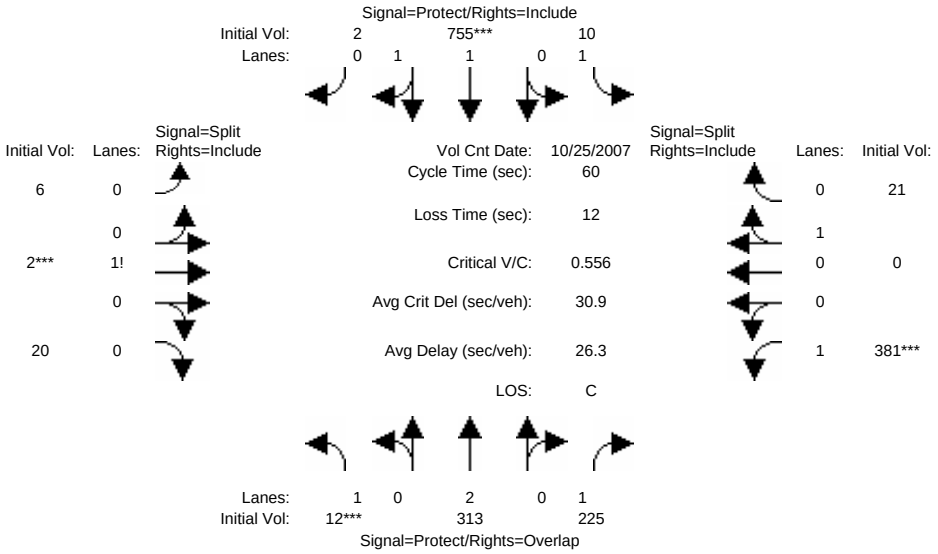
Milpitas Near-Term Cumulative Analysis

Level Of Service Computation Report
2000 HCM Operations (Future Volume Alternative)
Project PM

Intersection #15: McCarthy Blvd / Barber Ln



Street Name:	McCarthy Blvd						Barber Ln.					
Approach:	North Bound			South Bound			East Bound			West Bound		
Movement:	L -	T -	R	L -	T -	R	L -	T -	R	L -	T -	R
Min. Green:	7	10	10	7	10	10	10	10	10	10	10	10
Volume Module: >> Count Date: 25 Oct 2007 <<												
Base Vol:	12	308	152	10	750	2	6	2	20	322	0	21
Growth Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Initial Bse:	12	308	152	10	750	2	6	2	20	322	0	21
Added Vol:	0	5	73	0	5	0	0	0	0	59	0	0
PasserByVol:	0	0	0	0	0	0	0	0	0	0	0	0
Initial Fut:	12	313	225	10	755	2	6	2	20	381	0	21
User Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
PHF Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
PHF Volume:	12	313	225	10	755	2	6	2	20	381	0	21
Reduct Vol:	0	0	0	0	0	0	0	0	0	0	0	0
Reduced Vol:	12	313	225	10	755	2	6	2	20	381	0	21
PCE Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
MLF Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
FinalVolume:	12	313	225	10	755	2	6	2	20	381	0	21
Saturation Flow Module:												
Sat/Lane:	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900
Adjustment:	0.92	1.00	0.92	0.92	0.97	0.95	0.92	0.92	0.92	0.92	1.00	0.95
Lanes:	1.00	2.00	1.00	1.00	1.99	0.01	0.21	0.07	0.72	1.00	0.00	1.00
Final Sat.:	1750	3800	1750	1750	3690	10	375	125	1250	1750	0	1800
Capacity Analysis Module:												
Vol/Sat:	0.01	0.08	0.13	0.01	0.20	0.20	0.02	0.02	0.02	0.22	0.00	0.01
Crit Moves:	****				****			****		****		
Green Time:	7.0	13.0	28.9	9.1	15.0	15.0	10.0	10.0	10.0	16.0	0.0	16.0
Volume/Cap:	0.06	0.38	0.27	0.04	0.82	0.82	0.10	0.10	0.10	0.82	0.00	0.04
Delay/Veh:	24.1	21.4	10.0	22.0	29.1	29.1	21.8	21.8	21.8	35.3	0.0	16.5
User DelAdj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
AdjDel/Veh:	24.1	21.4	10.0	22.0	29.1	29.1	21.8	21.8	21.8	35.3	0.0	16.5
LOS by Move:	C	C+	B+	C+	C	C	C+	C+	C+	D+	A	B
HCM2k95thQ:	0	5	5	0	14	14	1	1	1	15	0	1

Note: Queue reported is the number of cars per lane.

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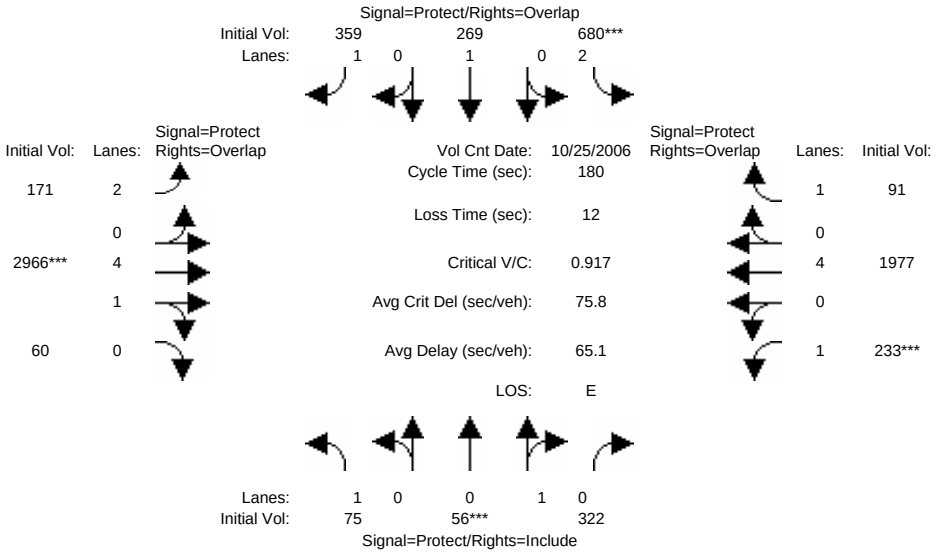
Milpitas Near-Term Cumulative Analysis

Level Of Service Computation Report
2000 HCM Operations (Future Volume Alternative)
Existing PM

Intersection #16: McCarthy Blvd. / Montague Expy. [CMP]



Street Name:	McCarthy Blvd.						Montague Expy.					
Approach:	North Bound			South Bound			East Bound			West Bound		
Movement:	L -	T -	R	L -	T -	R	L -	T -	R	L -	T -	R
Min. Green:	7	10	10	7	10	10	7	10	10	7	10	10
Volume Module: >> Count Date: 25 Oct 2006 <<												
Base Vol:	75	56	322	680	269	359	171	2966	60	233	1977	91
Growth Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Initial Bse:	75	56	322	680	269	359	171	2966	60	233	1977	91
Added Vol:	0	0	0	0	0	0	0	0	0	0	0	0
PasserByVol:	0	0	0	0	0	0	0	0	0	0	0	0
Initial Fut:	75	56	322	680	269	359	171	2966	60	233	1977	91
User Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	0.92	1.00	1.00	1.00	1.00
PHF Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
PHF Volume:	75	56	322	680	269	359	171	2729	60	233	1977	91
Reduct Vol:	0	0	0	0	0	0	0	0	0	0	0	0
Reduced Vol:	75	56	322	680	269	359	171	2729	60	233	1977	91
PCE Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
MLF Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
FinalVolume:	75	56	322	680	269	359	171	2729	60	233	1977	91
Saturation Flow Module:												
Sat/Lane:	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900
Adjustment:	0.92	0.95	0.95	0.83	1.00	0.92	0.83	0.99	0.95	0.92	1.00	0.92
Lanes:	1.00	0.15	0.85	2.00	1.00	1.00	2.00	4.89	0.11	1.00	4.00	1.00
Final Sat.:	1750	267	1533	3150	1900	1750	3150	9197	202	1750	7600	1750
Capacity Analysis Module:												
Vol/Sat:	0.04	0.21	0.21	0.22	0.14	0.21	0.05	0.30	0.30	0.13	0.26	0.05
Crit Moves:		****		****				****		****		
Green Time:	18.5	41.2	41.2	42.4	65.1	79.7	14.6	58.2	76.7	26.1	69.8	112.2
Volume/Cap:	0.42	0.92	0.92	0.92	0.39	0.46	0.67	0.92	0.70	0.92	0.67	0.08
Delay/Veh:	83.0	106	106.1	97.1	59.2	54.2	87.2	63.5	42.7	110.8	46.2	13.5
User DelAdj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
AdjDel/Veh:	83.0	106	106.1	97.1	59.2	54.2	87.2	63.5	42.7	110.8	46.2	13.5
LOS by Move:	F	F	F	F	E+	D-	F	E	D	F	D	B
HCM2k95thQ:	9	41	41	39	23	32	11	51	44	27	37	4

Note: Queue reported is the number of cars per lane.

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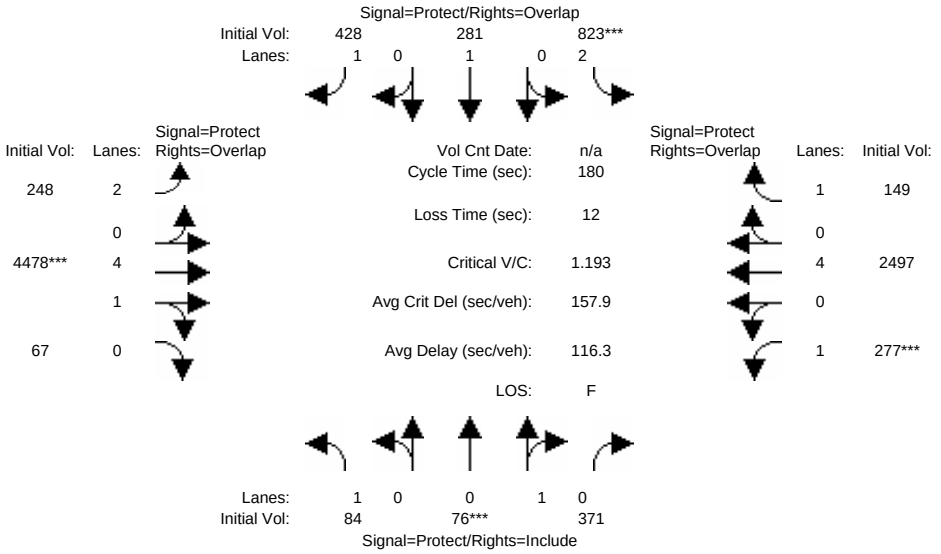
Milpitas Near-Term Cumulative Analysis

Level Of Service Computation Report
2000 HCM Operations (Future Volume Alternative)
Background PM

Intersection #16: McCarthy Blvd. / Montague Expy. [CMP]



Street Name:	McCarthy Blvd.						Montague Expy.					
Approach:	North Bound			South Bound			East Bound			West Bound		
Movement:	L - T - R			L - T - R			L - T - R			L - T - R		
Min. Green:	7	10	10	7	10	10	7	10	10	7	10	10
Volume Module:												
Base Vol:	75	56	322	680	269	359	171	2966	60	233	1977	91
Growth Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Initial Bse:	75	56	322	680	269	359	171	2966	60	233	1977	91
Added Vol:	0	0	0	0	0	0	0	0	0	0	0	0
ATI:	9	20	49	143	12	69	77	1512	7	44	520	58
Initial Fut:	84	76	371	823	281	428	248	4478	67	277	2497	149
User Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	0.92	1.00	1.00	1.00	1.00
PHF Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
PHF Volume:	84	76	371	823	281	428	248	4120	67	277	2497	149
Reduct Vol:	0	0	0	0	0	0	0	0	0	0	0	0
Reduced Vol:	84	76	371	823	281	428	248	4120	67	277	2497	149
PCE Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
MLF Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
FinalVolume:	84	76	371	823	281	428	248	4120	67	277	2497	149
Saturation Flow Module:												
Sat/Lane:	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900
Adjustment:	0.92	0.95	0.95	0.83	1.00	0.92	0.83	0.99	0.95	0.92	1.00	0.92
Lanes:	1.00	0.17	0.83	2.00	1.00	1.00	2.00	4.92	0.08	1.00	4.00	1.00
Final Sat.:	1750	306	1494	3150	1900	1750	3150	9249	150	1750	7600	1750
Capacity Analysis Module:												
Vol/Sat:	0.05	0.25	0.25	0.26	0.15	0.24	0.08	0.45	0.45	0.16	0.33	0.09
Crit Moves:		****		****				****		****		
Green Time:	17.3	37.5	37.5	39.4	59.6	77.2	17.6	67.2	84.5	23.9	73.5	112.9
Volume/Cap:	0.50	1.19	1.19	1.19	0.45	0.57	0.80	1.19	0.95	1.19	0.80	0.14
Delay/Veh:	85.1	194	193.9	184.1	63.3	59.3	93.8	146	51.3	199.2	48.5	13.7
User DelAdj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
AdjDel/Veh:	85.1	194	193.9	184.1	63.3	59.3	93.8	146	51.3	199.2	48.5	13.7
LOS by Move:	F	F	F	F	E	E+	F	F	D-	F	D	B
HCM2k95thQ:	11	59	59	58	24	37	15	94	72	38	49	7

Note: Queue reported is the number of cars per lane.

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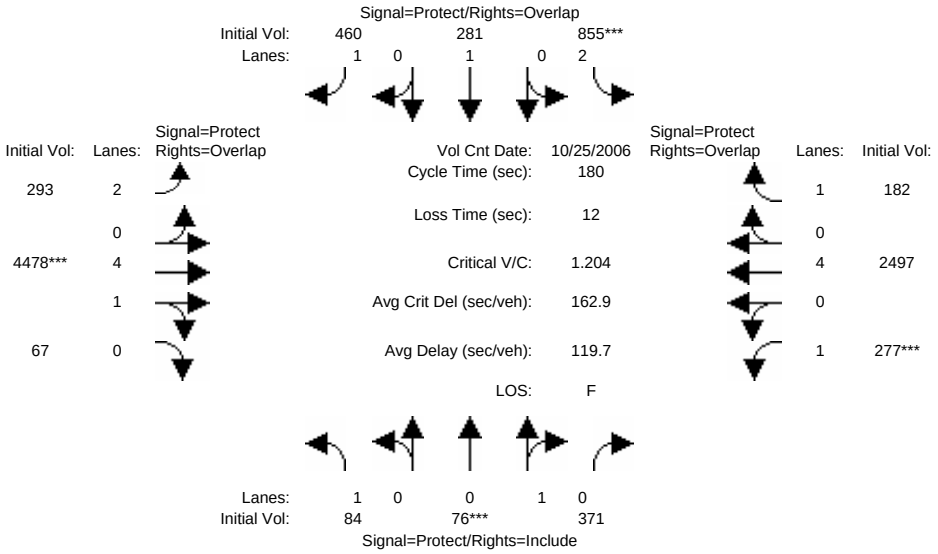
Milpitas Near-Term Cumulative Analysis

Level Of Service Computation Report
2000 HCM Operations (Future Volume Alternative)
Project PM

Intersection #16: McCarthy Blvd. / Montague Expy. [CMP]



Street Name:	McCarthy Blvd.						Montague Expy.					
Approach:	North Bound			South Bound			East Bound			West Bound		
Movement:	L -	T -	R	L -	T -	R	L -	T -	R	L -	T -	R
Min. Green:	7	10	10	7	10	10	7	10	10	7	10	10
Volume Module: >> Count Date: 25 Oct 2006 <<												
Base Vol:	84	76	371	823	281	428	248	4478	67	277	2497	149
Growth Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Initial Bse:	84	76	371	823	281	428	248	4478	67	277	2497	149
Added Vol:	0	0	0	32	0	32	45	0	0	0	0	33
PasserByVol:	0	0	0	0	0	0	0	0	0	0	0	0
Initial Fut:	84	76	371	855	281	460	293	4478	67	277	2497	182
User Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	0.92	1.00	1.00	1.00	1.00
PHF Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
PHF Volume:	84	76	371	855	281	460	293	4120	67	277	2497	182
Reduct Vol:	0	0	0	0	0	0	0	0	0	0	0	0
Reduced Vol:	84	76	371	855	281	460	293	4120	67	277	2497	182
PCE Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
MLF Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
FinalVolume:	84	76	371	855	281	460	293	4120	67	277	2497	182
Saturation Flow Module:												
Sat/Lane:	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900
Adjustment:	0.92	0.95	0.95	0.83	1.00	0.92	0.83	0.99	0.95	0.92	1.00	0.92
Lanes:	1.00	0.17	0.83	2.00	1.00	1.00	2.00	4.92	0.08	1.00	4.00	1.00
Final Sat.:	1750	306	1494	3150	1900	1750	3150	9249	150	1750	7600	1750
Capacity Analysis Module:												
Vol/Sat:	0.05	0.25	0.25	0.27	0.15	0.26	0.09	0.45	0.45	0.16	0.33	0.10
Crit Moves:		****		****				****		****		
Green Time:	17.1	37.1	37.1	40.6	60.6	80.5	19.9	66.6	83.7	23.7	70.4	110.9
Volume/Cap:	0.50	1.20	1.20	1.20	0.44	0.59	0.84	1.20	0.96	1.20	0.84	0.17
Delay/Veh:	85.3	198	198.4	188.0	62.7	58.6	95.0	151	52.9	203.6	52.0	14.9
User DelAdj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
AdjDel/Veh:	85.3	198	198.4	188.0	62.7	58.6	95.0	151	52.9	203.6	52.0	14.9
LOS by Move:	F	F	F	F	E	E+	F	F	D-	F	D-	B
HCM2k95thQ:	11	59	59	60	24	40	18	95	72	39	51	9

Note: Queue reported is the number of cars per lane.

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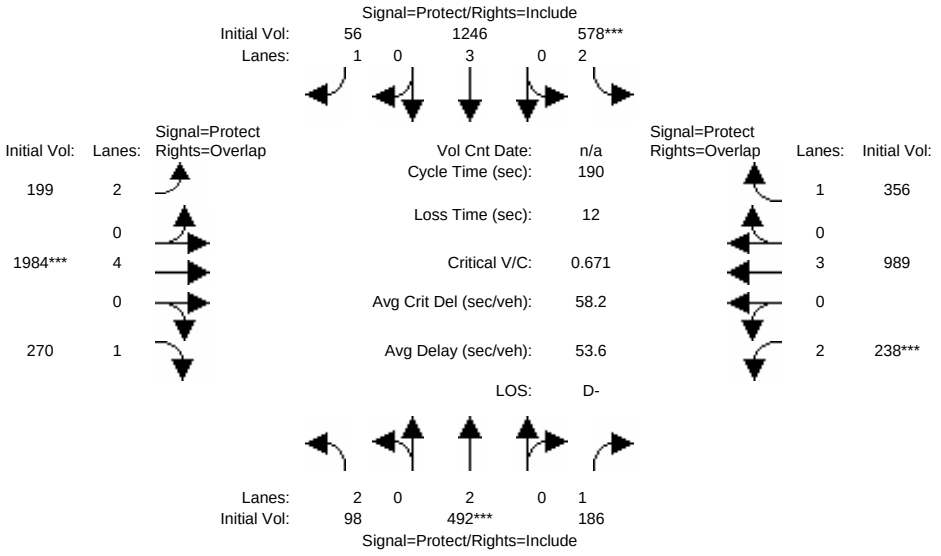
Milpitas Near-Term Cumulative Analysis

Level Of Service Computation Report
2000 HCM Operations (Future Volume Alternative)
Existing PM

Intersection #17: Montague Expy. / Great Mall Pkwy./Capitol Ave. [CMP]



Street Name:	Great Mall Pkwy./Capitol Ave.						Montague Expy.					
Approach:	North Bound			South Bound			East Bound			West Bound		
Movement:	L - T - R			L - T - R			L - T - R			L - T - R		
Min. Green:	7	10	10	7	10	10	7	95	10	7	95	10
Volume Module:												
Base Vol:	98	492	186	578	1246	56	199	1984	270	238	989	356
Growth Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Initial Bse:	98	492	186	578	1246	56	199	1984	270	238	989	356
Added Vol:	0	0	0	0	0	0	0	0	0	0	0	0
PasserByVol:	0	0	0	0	0	0	0	0	0	0	0	0
Initial Fut:	98	492	186	578	1246	56	199	1984	270	238	989	356
User Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	0.92	1.00	1.00	1.00	1.00
PHF Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
PHF Volume:	98	492	186	578	1246	56	199	1825	270	238	989	356
Reduct Vol:	0	0	0	0	0	0	0	0	0	0	0	0
Reduced Vol:	98	492	186	578	1246	56	199	1825	270	238	989	356
PCE Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
MLF Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
FinalVolume:	98	492	186	578	1246	56	199	1825	270	238	989	356
Saturation Flow Module:												
Sat/Lane:	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900
Adjustment:	0.83	1.00	0.92	0.83	1.00	0.92	0.83	1.00	0.92	0.83	1.00	0.92
Lanes:	2.00	2.00	1.00	2.00	3.00	1.00	2.00	4.00	1.00	2.00	3.00	1.00
Final Sat.:	3150	3800	1750	3150	5700	1750	3150	7600	1750	3150	5700	1750
Capacity Analysis Module:												
Vol/Sat:	0.03	0.13	0.11	0.18	0.22	0.03	0.06	0.24	0.15	0.08	0.17	0.20
Crit Moves:		****		****				****		****		
Green Time:	9.6	27.7	27.7	39.2	57.2	57.2	12.5	95.0	104.6	16.1	98.7	137.9
Volume/Cap:	0.61	0.89	0.73	0.89	0.73	0.11	0.96	0.48	0.28	0.89	0.33	0.28
Delay/Veh:	95.2	95.9	87.9	87.5	61.0	48.0	140.3	31.4	22.8	114.4	26.6	9.1
User DelAdj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
AdjDel/Veh:	95.2	95.9	87.9	87.5	61.0	48.0	140.3	31.4	22.8	114.4	26.6	9.1
LOS by Move:	F	F	F	F	E	D	F	C	C+	F	C	A
HCM2k95thQ:	7	26	20	35	36	5	14	28	16	17	20	14

Note: Queue reported is the number of cars per lane.

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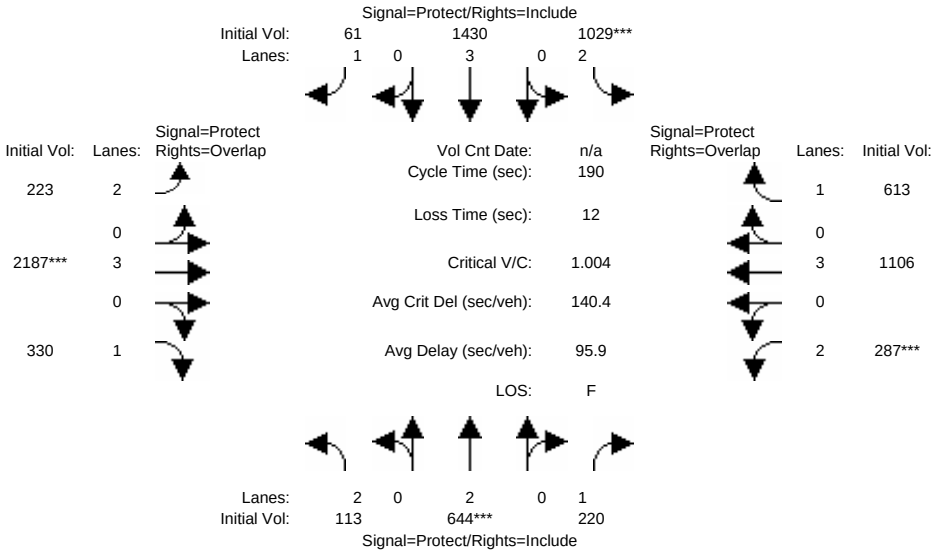
Milpitas Near-Term Cumulative Analysis

Level Of Service Computation Report
2000 HCM Operations (Future Volume Alternative)
Background PM

Intersection #17: Montague Expy. / Great Mall Pkwy./Capitol Ave. [CMP]



Street Name:	Great Mall Pkwy./Capitol Ave.						Montague Expy.					
Approach:	North Bound			South Bound			East Bound			West Bound		
Movement:	L - T - R			L - T - R			L - T - R			L - T - R		
Min. Green:	7	10	10	7	10	10	7	95	10	7	95	10
Volume Module:												
Base Vol:	98	492	186	578	1246	56	199	1984	270	238	989	356
Growth Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Initial Bse:	98	492	186	578	1246	56	199	1984	270	238	989	356
Added Vol:	0	0	0	0	0	0	0	0	0	0	0	0
ATI:	15	152	34	451	184	5	24	203	60	49	117	257
Initial Fut:	113	644	220	1029	1430	61	223	2187	330	287	1106	613
User Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	0.92	1.00	1.00	1.00	1.00
PHF Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
PHF Volume:	113	644	220	1029	1430	61	223	2012	330	287	1106	613
Reduct Vol:	0	0	0	0	0	0	0	0	0	0	0	0
Reduced Vol:	113	644	220	1029	1430	61	223	2012	330	287	1106	613
PCE Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
MLF Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
FinalVolume:	113	644	220	1029	1430	61	223	2012	330	287	1106	613
Saturation Flow Module:												
Sat/Lane:	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900
Adjustment:	0.83	1.00	0.92	0.83	1.00	0.92	0.83	1.00	0.92	0.83	1.00	0.92
Lanes:	2.00	2.00	1.00	2.00	3.00	1.00	2.00	3.00	1.00	2.00	3.00	1.00
Final Sat.:	3150	3800	1750	3150	5700	1750	3150	5700	1750	3150	5700	1750
Capacity Analysis Module:												
Vol/Sat:	0.04	0.17	0.13	0.33	0.25	0.03	0.07	0.35	0.19	0.09	0.19	0.35
Crit Moves:		****		****				****		****		
Green Time:	9.0	24.0	24.0	46.2	61.1	61.1	12.9	95.0	104.0	12.9	95.0	141.2
Volume/Cap:	0.76	1.34	1.00	1.34	0.78	0.11	1.04	0.71	0.34	1.34	0.39	0.47
Delay/Veh:	109.5	251	142.7	235.5	60.5	45.4	162.3	37.5	24.2	271.4	29.6	9.9
User DelAdj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
AdjDel/Veh:	109.5	251	142.7	235.5	60.5	45.4	162.3	37.5	24.2	271.4	29.6	9.9
LOS by Move:	F	F	F	F	E	D	F	D+	C	F	C	A
HCM2kAvgQ:	4	28	15	55	25	3	8	28	11	16	13	15

Note: Queue reported is the number of cars per lane.

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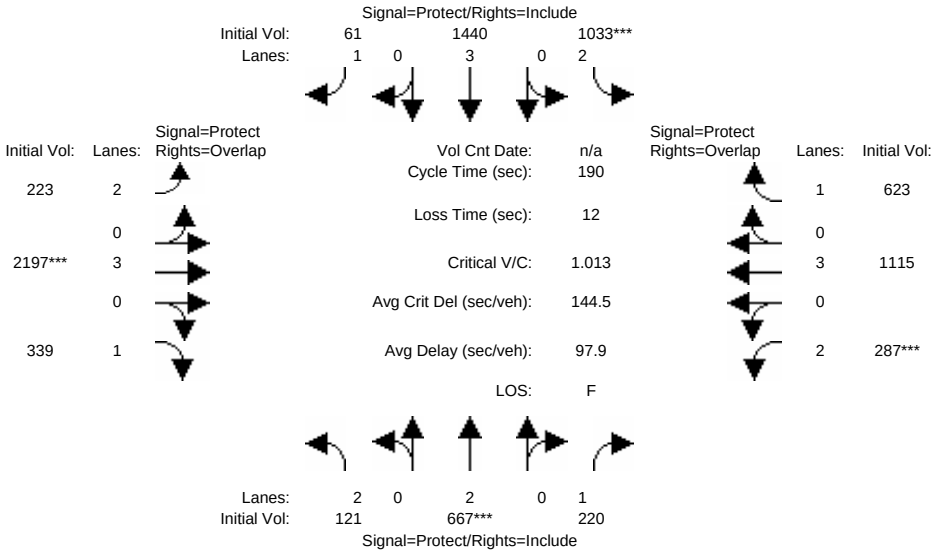
Milpitas Near-Term Cumulative Analysis

Level Of Service Computation Report
2000 HCM Operations (Future Volume Alternative)
Project PM

Intersection #17: Montague Expy. / Great Mall Pkwy./Capitol Ave. [CMP]



Street Name:	Great Mall Pkwy./Capitol Ave.						Montague Expy.					
Approach:	North Bound			South Bound			East Bound			West Bound		
Movement:	L -	T -	R	L -	T -	R	L -	T -	R	L -	T -	R
Min. Green:	7	10	10	7	10	10	7	95	10	7	95	10
Volume Module:												
Base Vol:	113	644	220	1029	1430	61	223	2187	330	287	1106	613
Growth Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Initial Bse:	113	644	220	1029	1430	61	223	2187	330	287	1106	613
Added Vol:	8	23	0	4	10	0	0	10	9	0	9	10
PasserByVol:	0	0	0	0	0	0	0	0	0	0	0	0
Initial Fut:	121	667	220	1033	1440	61	223	2197	339	287	1115	623
User Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	0.92	1.00	1.00	1.00	1.00
PHF Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
PHF Volume:	121	667	220	1033	1440	61	223	2021	339	287	1115	623
Reduct Vol:	0	0	0	0	0	0	0	0	0	0	0	0
Reduced Vol:	121	667	220	1033	1440	61	223	2021	339	287	1115	623
PCE Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
MLF Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
FinalVolume:	121	667	220	1033	1440	61	223	2021	339	287	1115	623
Saturation Flow Module:												
Sat/Lane:	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900
Adjustment:	0.83	1.00	0.92	0.83	1.00	0.92	0.83	1.00	0.92	0.83	1.00	0.92
Lanes:	2.00	2.00	1.00	2.00	3.00	1.00	2.00	3.00	1.00	2.00	3.00	1.00
Final Sat.:	3150	3800	1750	3150	5700	1750	3150	5700	1750	3150	5700	1750
Capacity Analysis Module:												
Vol/Sat:	0.04	0.18	0.13	0.33	0.25	0.03	0.07	0.35	0.19	0.09	0.20	0.36
Crit Moves:		****		****				****		****		
Green Time:	9.3	24.5	24.5	45.8	61.0	61.0	12.7	95.0	104.3	12.7	95.0	140.8
Volume/Cap:	0.79	1.36	0.97	1.36	0.79	0.11	1.06	0.71	0.35	1.36	0.39	0.48
Delay/Veh:	112.4	258	135.0	243.1	60.9	45.5	166.6	37.6	24.2	278.6	29.6	10.2
User DelAdj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
AdjDel/Veh:	112.4	258	135.0	243.1	60.9	45.5	166.6	37.6	24.2	278.6	29.6	10.2
LOS by Move:	F	F	F	F	E	D	F	D+	C	F	C	B+
HCM2kAvgQ:	4	29	14	56	26	3	8	28	11	16	13	16

Note: Queue reported is the number of cars per lane.

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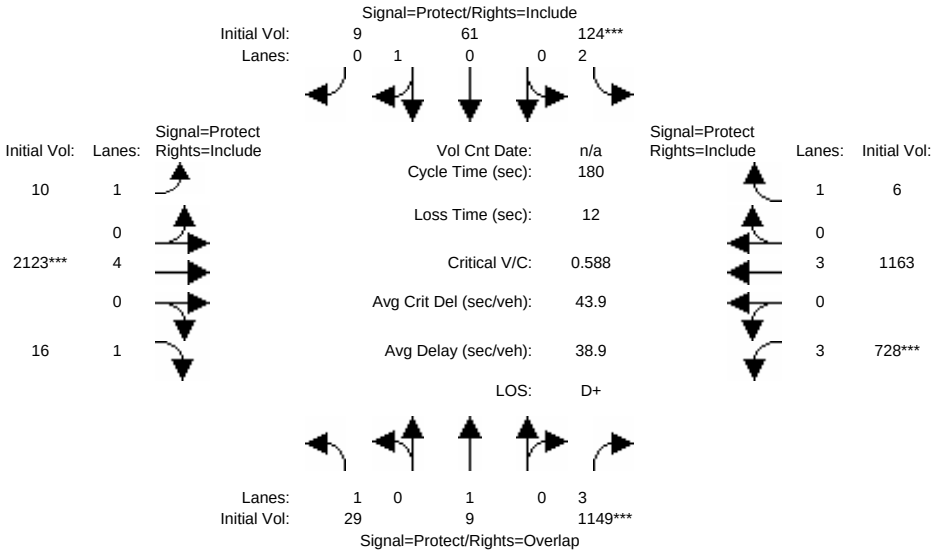
Milpitas Near-Term Cumulative Analysis

Level Of Service Computation Report
2000 HCM Operations (Future Volume Alternative)
Existing PM

Intersection #18: Trimble / Montague Expy [CMP]



Street Name:	Trimble						Montague Expy					
Approach:	North Bound			South Bound			East Bound			West Bound		
Movement:	L -	T -	R	L -	T -	R	L -	T -	R	L -	T -	R
Min. Green:	7	10	10	7	10	10	7	10	10	7	10	10
Volume Module:												
Base Vol:	29	9	1149	124	61	9	10	2123	16	728	1163	6
Growth Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Initial Bse:	29	9	1149	124	61	9	10	2123	16	728	1163	6
Added Vol:	0	0	0	0	0	0	0	0	0	0	0	0
PasserByVol:	0	0	0	0	0	0	0	0	0	0	0	0
Initial Fut:	29	9	1149	124	61	9	10	2123	16	728	1163	6
User Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	0.92	1.00	1.00	1.00	1.00
PHF Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
PHF Volume:	29	9	1149	124	61	9	10	1953	16	728	1163	6
Reduct Vol:	0	0	0	0	0	0	0	0	0	0	0	0
Reduced Vol:	29	9	1149	124	61	9	10	1953	16	728	1163	6
PCE Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
MLF Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
FinalVolume:	29	9	1149	124	61	9	10	1953	16	728	1163	6
Saturation Flow Module:												
Sat/Lane:	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900
Adjustment:	0.92	1.00	0.80	0.83	0.95	0.95	0.92	1.00	0.92	0.80	1.00	0.92
Lanes:	1.00	1.00	3.00	2.00	0.87	0.13	1.00	4.00	1.00	3.00	3.00	1.00
Final Sat.:	1750	1900	4551	3150	1569	231	1750	7600	1750	4551	5700	1750
Capacity Analysis Module:												
Vol/Sat:	0.02	0.00	0.25	0.04	0.04	0.04	0.01	0.26	0.01	0.16	0.20	0.00
Crit Moves:			****	****				****		****		
Green Time:	16.6	28.3	77.3	12.0	23.7	23.7	20.4	78.7	78.7	49.0	107	107.2
Volume/Cap:	0.18	0.03	0.59	0.59	0.29	0.29	0.05	0.59	0.02	0.59	0.34	0.01
Delay/Veh:	75.9	64.3	39.7	85.9	71.3	71.3	71.2	38.7	28.8	57.5	18.6	14.8
User DelAdj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
AdjDel/Veh:	75.9	64.3	39.7	85.9	71.3	71.3	71.2	38.7	28.8	57.5	18.6	14.8
LOS by Move:	E-	E	D	F	E	E	E	D+	C	E+	B-	B
HCM2k95thQ:	3	1	33	9	7	7	1	34	1	25	19	0

Note: Queue reported is the number of cars per lane.

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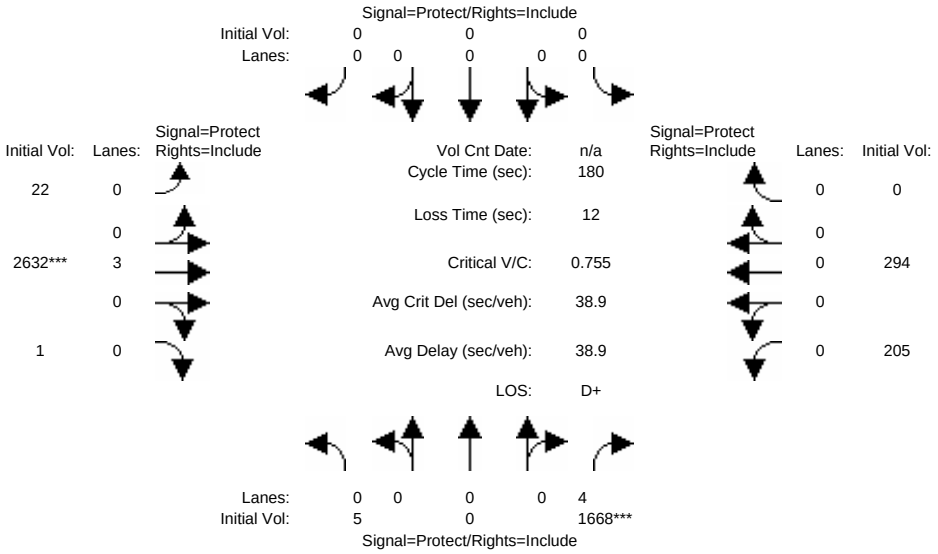
Milpitas Near-Term Cumulative Analysis

Level Of Service Computation Report
2000 HCM Operations (Future Volume Alternative)
Background PM

Intersection #18: Trimble / Montague Expy [CMP]



Street Name:	Trimble						Montague Expy					
Approach:	North Bound			South Bound			East Bound			West Bound		
Movement:	L - T - R			L - T - R			L - T - R			L - T - R		
Min. Green:	7	10	10	7	10	10	7	10	10	7	10	10
Volume Module:												
Base Vol:	29	9	1149	124	61	9	10	2123	16	728	1163	6
Growth Adj:	0.00	0.00	1.00	0.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00
Initial Bse:	0	0	1149	0	0	0	0	2123	0	0	0	0
Added Vol:	0	0	0	0	0	0	0	0	0	0	0	0
ATI:	5	0	519	0	0	0	22	509	1	205	294	0
Initial Fut:	5	0	1668	0	0	0	22	2632	1	205	294	0
User Adj:	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.92	0.00	0.00	0.00	0.00
PHF Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
PHF Volume:	0	0	1668	0	0	0	0	2421	0	0	0	0
Reduct Vol:	0	0	0	0	0	0	0	0	0	0	0	0
Reduced Vol:	0	0	1668	0	0	0	0	2421	0	0	0	0
PCE Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
MLF Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
FinalVolume:	0	0	1668	0	0	0	0	2421	0	0	0	0
Saturation Flow Module:												
Sat/Lane:	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900
Adjustment:	0.92	1.00	0.83	0.92	0.92	0.92	0.92	0.96	0.92	0.92	0.92	0.92
Lanes:	0.00	0.00	4.00	0.00	1.00	0.00	0.00	3.00	0.00	0.00	1.00	0.00
Final Sat.:	0	0	6301	0	1750	0	0	5500	0	0	1750	0
Capacity Analysis Module:												
Vol/Sat:	0.00	0.00	0.26	0.00	0.00	0.00	0.00	0.44	0.00	0.00	0.00	0.00
Crit Moves:			****					****				
Green Time:	0.0	0.0	63.1	0.0	0.0	0.0	0.0	105	0.0	0.0	0.0	0.0
Volume/Cap:	0.00	0.00	0.76	0.00	0.00	0.00	0.00	0.76	0.00	0.00	0.00	0.00
Delay/Veh:	0.0	0.0	53.2	0.0	0.0	0.0	0.0	29.0	0.0	0.0	0.0	0.0
User DelAdj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
AdjDel/Veh:	0.0	0.0	53.2	0.0	0.0	0.0	0.0	29.0	0.0	0.0	0.0	0.0
LOS by Move:	A	A	D-	A	A	A	A	C	A	A	A	A
HCM2kAvgQ:	0	0	24	0	0	0	0	34	0	0	0	0

Note: Queue reported is the number of cars per lane.

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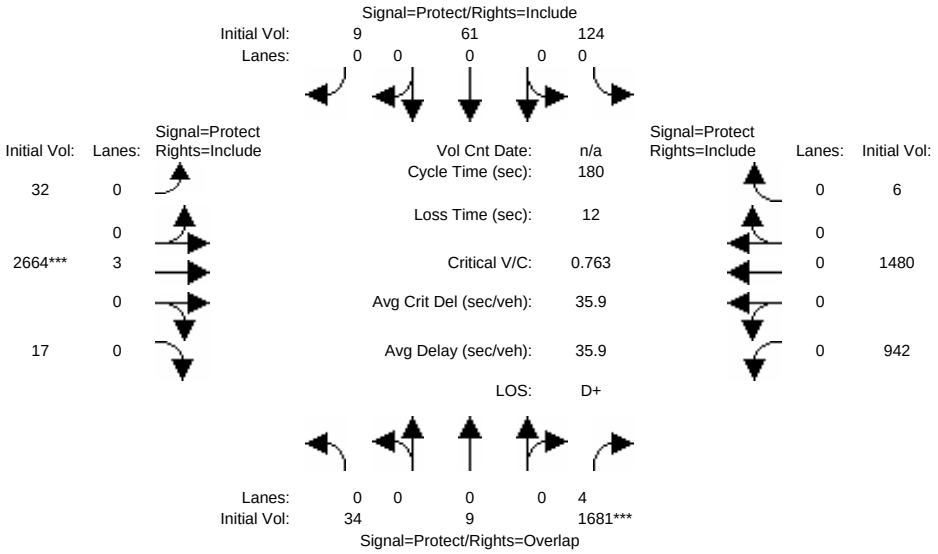
Milpitas Near-Term Cumulative Analysis

Level Of Service Computation Report
2000 HCM Operations (Future Volume Alternative)
Project PM

Intersection #18: Trimble / Montague Expy [CMP]



Street Name:	Trimble						Montague Expy					
Approach:	North Bound			South Bound			East Bound			West Bound		
Movement:	L - T - R			L - T - R			L - T - R			L - T - R		
Min. Green:	7	10	10	7	10	10	7	10	10	7	10	10
Volume Module:												
Base Vol:	34	9	1668	124	61	9	32	2632	17	933	1457	6
Growth Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Initial Bse:	34	9	1668	124	61	9	32	2632	17	933	1457	6
Added Vol:	0	0	13	0	0	0	0	32	0	9	23	0
PasserByVol:	0	0	0	0	0	0	0	0	0	0	0	0
Initial Fut:	34	9	1681	124	61	9	32	2664	17	942	1480	6
User Adj:	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.92	0.00	0.00	0.00	0.00
PHF Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
PHF Volume:	0	0	1681	0	0	0	0	2451	0	0	0	0
Reduct Vol:	0	0	0	0	0	0	0	0	0	0	0	0
Reduced Vol:	0	0	1681	0	0	0	0	2451	0	0	0	0
PCE Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
MLF Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
FinalVolume:	0	0	1681	0	0	0	0	2451	0	0	0	0
Saturation Flow Module:												
Sat/Lane:	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900
Adjustment:	0.92	1.00	0.83	0.92	0.92	0.92	0.92	0.96	0.92	0.92	0.92	0.92
Lanes:	0.00	0.00	4.00	0.00	1.00	0.00	0.00	3.00	0.00	0.00	1.00	0.00
Final Sat.:	0	0	6301	0	1750	0	0	5500	0	0	1750	0
Capacity Analysis Module:												
Vol/Sat:	0.00	0.00	0.27	0.00	0.00	0.00	0.00	0.45	0.00	0.00	0.00	0.00
Crit Moves:			****					****				
Green Time:	0.0	0.0	63.8	0.0	0.0	0.0	0.0	111	0.0	0.0	0.0	0.0
Volume/Cap:	0.00	0.00	0.75	0.00	0.00	0.00	0.00	0.72	0.00	0.00	0.00	0.00
Delay/Veh:	0.0	0.0	52.6	0.0	0.0	0.0	0.0	24.5	0.0	0.0	0.0	0.0
User DelAdj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
AdjDel/Veh:	0.0	0.0	52.6	0.0	0.0	0.0	0.0	24.5	0.0	0.0	0.0	0.0
LOS by Move:	A	A	D-	A	A	A	A	C	A	A	A	A
HCM2kAvgQ:	0	0	25	0	0	0	0	32	0	0	0	0

Note: Queue reported is the number of cars per lane.

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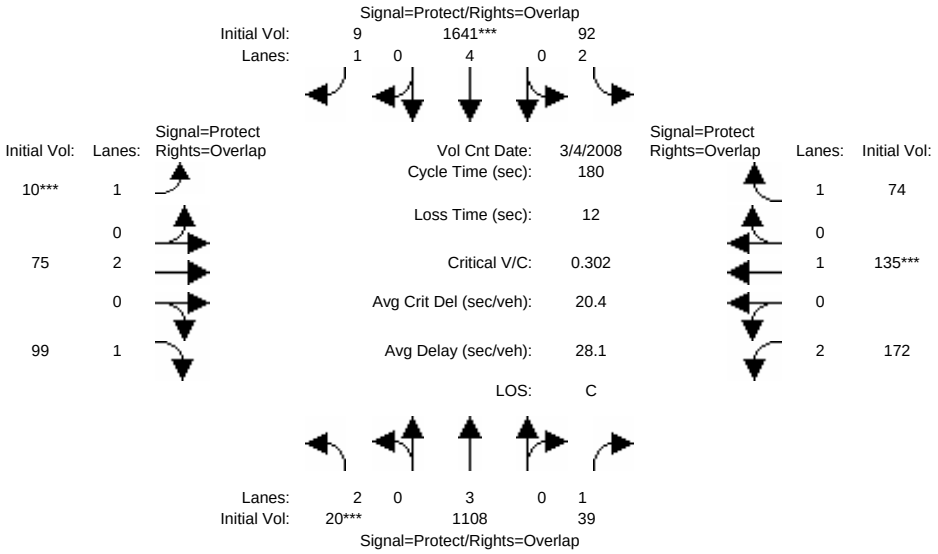
Milpitas Near-Term Cumulative Analysis

Level Of Service Computation Report
2000 HCM Operations (Future Volume Alternative)
Existing PM

Intersection #19: Montague Expy / River Oaks



Street Name:	Montague Expy						River Oaks - E Pulmeria					
Approach:	North Bound			South Bound			East Bound			West Bound		
Movement:	L	T	R	L	T	R	L	T	R	L	T	R
Min. Green:	7	10	10	7	10	10	7	10	10	7	10	10
Volume Module: >> Count Date: 4 Mar 2008 << 5-6												
Base Vol:	20	1108	39	92	1641	9	10	75	99	172	135	74
Growth Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Initial Bse:	20	1108	39	92	1641	9	10	75	99	172	135	74
Added Vol:	0	0	0	0	0	0	0	0	0	0	0	0
PasserByVol:	0	0	0	0	0	0	0	0	0	0	0	0
Initial Fut:	20	1108	39	92	1641	9	10	75	99	172	135	74
User Adj:	1.00	1.00	1.00	1.00	0.92	1.00	1.00	1.00	1.00	1.00	1.00	1.00
PHF Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
PHF Volume:	20	1108	39	92	1510	9	10	75	99	172	135	74
Reduct Vol:	0	0	0	0	0	0	0	0	0	0	0	0
Reduced Vol:	20	1108	39	92	1510	9	10	75	99	172	135	74
PCE Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
MLF Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
FinalVolume:	20	1108	39	92	1510	9	10	75	99	172	135	74
Saturation Flow Module:												
Sat/Lane:	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900
Adjustment:	0.83	1.00	0.92	0.83	1.00	0.92	0.92	1.00	0.92	0.83	1.00	0.92
Lanes:	2.00	3.00	1.00	2.00	4.00	1.00	1.00	2.00	1.00	2.00	1.00	1.00
Final Sat.:	3150	5700	1750	3150	7600	1750	1750	3800	1750	3150	1900	1750
Capacity Analysis Module:												
Vol/Sat:	0.01	0.19	0.02	0.03	0.20	0.01	0.01	0.02	0.06	0.05	0.07	0.04
Crit Moves:	****				****		****				****	
Green Time:	7.0	100	123.9	20.1	113	120.4	7.0	24.0	31.0	23.6	40.6	60.6
Volume/Cap:	0.16	0.35	0.03	0.26	0.32	0.01	0.15	0.15	0.33	0.42	0.32	0.13
Delay/Veh:	86.5	22.2	9.0	75.0	15.5	9.9	88.1	69.6	68.3	75.0	60.1	41.8
User DelAdj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
AdjDel/Veh:	86.5	22.2	9.0	75.0	15.5	9.9	88.1	69.6	68.3	75.0	60.1	41.8
LOS by Move:	F	C+	A	E	B	A	F	E	E	E	E	D
HCM2k95thQ:	2	19	2	6	17	0	1	4	10	11	12	6

Note: Queue reported is the number of cars per lane.

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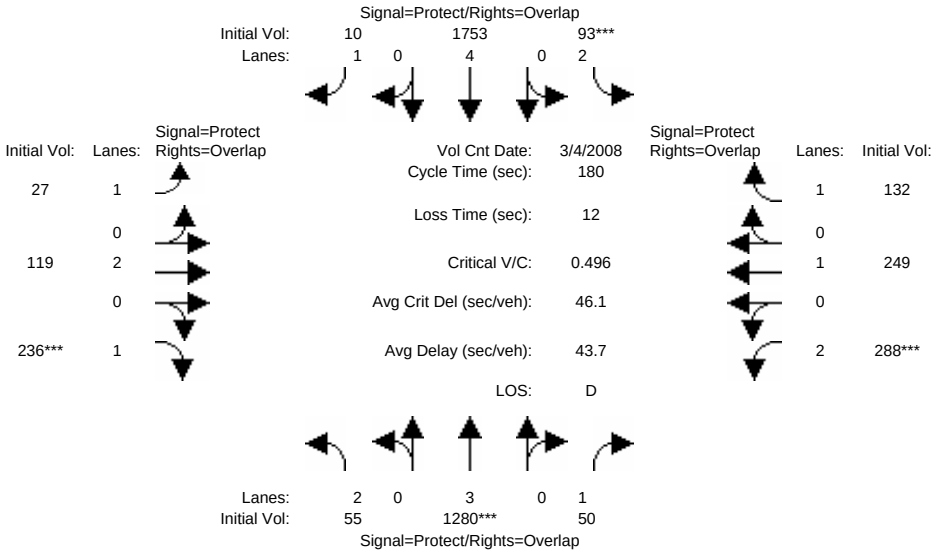
Milpitas Near-Term Cumulative Analysis

Level Of Service Computation Report
2000 HCM Operations (Future Volume Alternative)
Background PM

Intersection #19: Montague Expy / River Oaks



Street Name:	Montague Expy						River Oaks - E Pulmeria					
Approach:	North Bound			South Bound			East Bound			West Bound		
Movement:	L -	T -	R	L -	T -	R	L -	T -	R	L -	T -	R
Min. Green:	7	10	10	7	10	10	7	10	10	7	10	10
Volume Module: >> Count Date: 4 Mar 2008 << 5-6												
Base Vol:	20	1108	39	92	1641	9	10	75	99	172	135	74
Growth Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Initial Bse:	20	1108	39	92	1641	9	10	75	99	172	135	74
Added Vol:	0	0	0	0	0	0	0	0	0	0	0	0
ATI:	35	172	11	1	112	1	17	44	137	116	114	58
Initial Fut:	55	1280	50	93	1753	10	27	119	236	288	249	132
User Adj:	1.00	1.00	1.00	1.00	0.92	1.00	1.00	1.00	1.00	1.00	1.00	1.00
PHF Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
PHF Volume:	55	1280	50	93	1613	10	27	119	236	288	249	132
Reduct Vol:	0	0	0	0	0	0	0	0	0	0	0	0
Reduced Vol:	55	1280	50	93	1613	10	27	119	236	288	249	132
PCE Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
MLF Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
FinalVolume:	55	1280	50	93	1613	10	27	119	236	288	249	132
Saturation Flow Module:												
Sat/Lane:	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900
Adjustment:	0.83	1.00	0.92	0.83	1.00	0.92	0.92	1.00	0.92	0.83	1.00	0.92
Lanes:	2.00	3.00	1.00	2.00	4.00	1.00	1.00	2.00	1.00	2.00	1.00	1.00
Final Sat.:	3150	5700	1750	3150	7600	1750	1750	3800	1750	3150	1900	1750
Capacity Analysis Module:												
Vol/Sat:	0.02	0.22	0.03	0.03	0.21	0.01	0.02	0.03	0.13	0.09	0.13	0.08
Crit Moves:		****		****					****	****		
Green Time:	14.3	81.5	114.7	10.7	77.9	93.5	15.6	34.8	49.1	33.2	52.4	63.2
Volume/Cap:	0.22	0.50	0.04	0.50	0.49	0.01	0.18	0.16	0.49	0.50	0.45	0.21
Delay/Veh:	79.7	35.4	12.3	91.1	37.3	20.9	78.9	60.9	58.6	68.9	54.6	41.8
User DelAdj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
AdjDel/Veh:	79.7	35.4	12.3	91.1	37.3	20.9	78.9	60.9	58.6	68.9	54.6	41.8
LOS by Move:	E-	D+	B	F	D+	C+	E-	E	E+	E	D-	D
HCM2k95thQ:	4	27	3	7	26	1	3	6	20	16	19	10

Note: Queue reported is the number of cars per lane.

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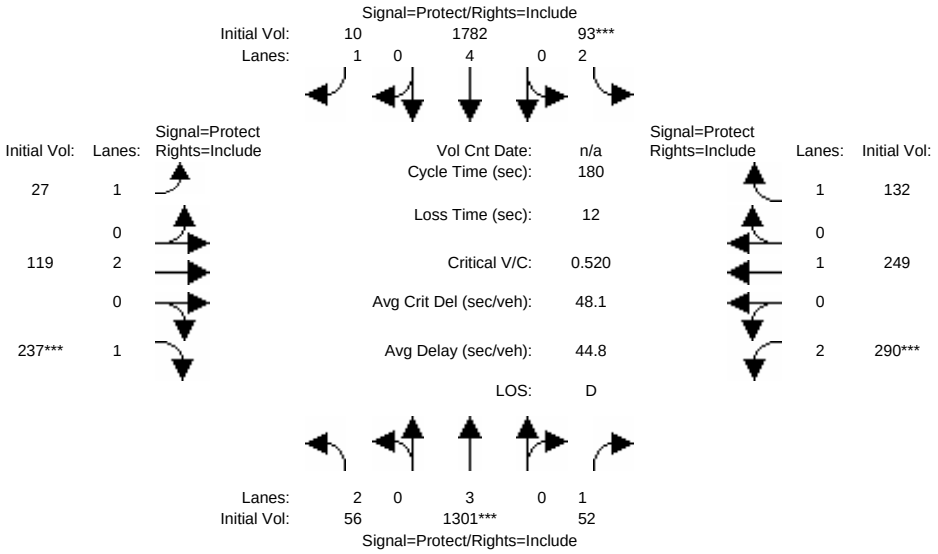
Milpitas Near-Term Cumulative Analysis

Level Of Service Computation Report
2000 HCM Operations (Future Volume Alternative)
Project PM

Intersection #19: Montague Expy / River Oaks



Street Name:	Montague Expy						River Oaks - E Pulmeria					
Approach:	North Bound			South Bound			East Bound			West Bound		
Movement:	L - T - R			L - T - R			L - T - R			L - T - R		
Min. Green:	7	10	10	7	10	10	7	10	10	7	10	10
Volume Module:												
Base Vol:	55	1280	50	93	1753	10	27	119	236	288	249	132
Growth Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Initial Bse:	55	1280	50	93	1753	10	27	119	236	288	249	132
Added Vol:	1	21	2	0	29	0	0	0	1	2	0	0
PasserByVol:	0	0	0	0	0	0	0	0	0	0	0	0
Initial Fut:	56	1301	52	93	1782	10	27	119	237	290	249	132
User Adj:	1.00	1.00	1.00	1.00	0.92	1.00	1.00	1.00	1.00	1.00	1.00	1.00
PHF Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
PHF Volume:	56	1301	52	93	1639	10	27	119	237	290	249	132
Reduct Vol:	0	0	0	0	0	0	0	0	0	0	0	0
Reduced Vol:	56	1301	52	93	1639	10	27	119	237	290	249	132
PCE Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
MLF Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
FinalVolume:	56	1301	52	93	1639	10	27	119	237	290	249	132
Saturation Flow Module:												
Sat/Lane:	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900
Adjustment:	0.83	1.00	0.92	0.83	1.00	0.92	0.92	1.00	0.92	0.83	1.00	0.92
Lanes:	2.00	3.00	1.00	2.00	4.00	1.00	1.00	2.00	1.00	2.00	1.00	1.00
Final Sat.:	3150	5700	1750	3150	7600	1750	1750	3800	1750	3150	1900	1750
Capacity Analysis Module:												
Vol/Sat:	0.02	0.23	0.03	0.03	0.22	0.01	0.02	0.03	0.14	0.09	0.13	0.08
Crit Moves:		****		****					****	****		
Green Time:	13.6	79.0	79.0	10.2	75.6	75.6	18.0	46.9	46.9	31.9	60.7	60.7
Volume/Cap:	0.23	0.52	0.07	0.52	0.51	0.01	0.15	0.12	0.52	0.52	0.39	0.22
Delay/Veh:	80.6	37.5	29.4	92.9	39.2	30.5	75.9	51.1	61.1	70.6	47.2	43.6
User DelAdj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
AdjDel/Veh:	80.6	37.5	29.4	92.9	39.2	30.5	75.9	51.1	61.1	70.6	47.2	43.6
LOS by Move:	F	D+	C	F	D	C	E-	D-	E	E	D	D
HCM2k95thQ:	4	28	4	7	27	1	3	5	21	16	18	11

Note: Queue reported is the number of cars per lane.

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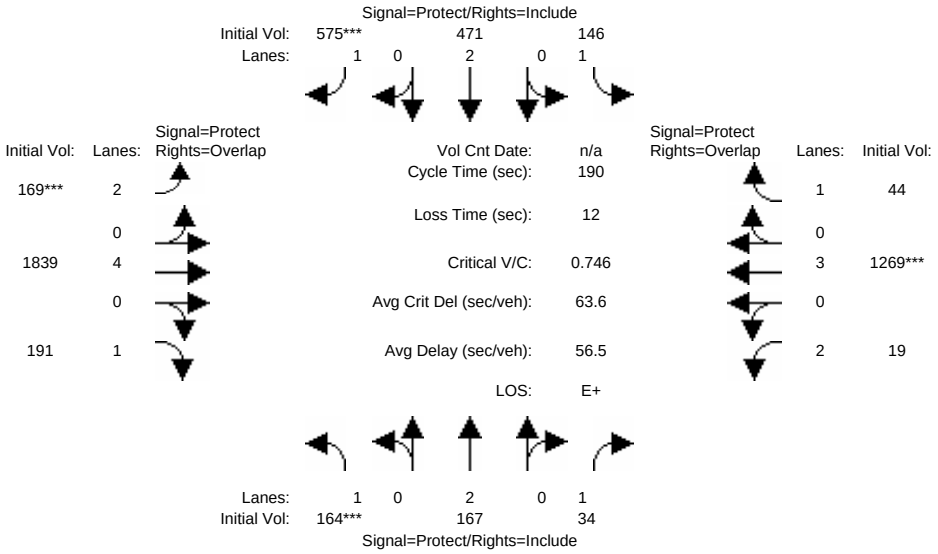
Milpitas Near-Term Cumulative Analysis

Level Of Service Computation Report
2000 HCM Operations (Future Volume Alternative)
Existing PM

Intersection #20: Zanker Rd / Montague Expy [CMP]



Street Name:	Zanker Rd						Montague Expy					
Approach:	North Bound			South Bound			East Bound			West Bound		
Movement:	L -	T -	R	L -	T -	R	L -	T -	R	L -	T -	R
Min. Green:	7	10	10	7	10	10	7	10	10	7	10	10
Volume Module:												
Base Vol:	164	167	34	146	471	575	169	1839	191	19	1269	44
Growth Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Initial Bse:	164	167	34	146	471	575	169	1839	191	19	1269	44
Added Vol:	0	0	0	0	0	0	0	0	0	0	0	0
PasserByVol:	0	0	0	0	0	0	0	0	0	0	0	0
Initial Fut:	164	167	34	146	471	575	169	1839	191	19	1269	44
User Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	0.92	1.00	1.00	1.00	1.00
PHF Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
PHF Volume:	164	167	34	146	471	575	169	1692	191	19	1269	44
Reduct Vol:	0	0	0	0	0	0	0	0	0	0	0	0
Reduced Vol:	164	167	34	146	471	575	169	1692	191	19	1269	44
PCE Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
MLF Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
FinalVolume:	164	167	34	146	471	575	169	1692	191	19	1269	44
Saturation Flow Module:												
Sat/Lane:	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900
Adjustment:	0.92	1.00	0.92	0.92	1.00	0.92	0.83	1.00	0.92	0.83	1.00	0.92
Lanes:	1.00	2.00	1.00	1.00	2.00	1.00	2.00	4.00	1.00	2.00	3.00	1.00
Final Sat.:	1750	3800	1750	1750	3800	1750	3150	7600	1750	3150	5700	1750
Capacity Analysis Module:												
Vol/Sat:	0.09	0.04	0.02	0.08	0.12	0.33	0.05	0.22	0.11	0.01	0.22	0.03
Crit Moves:	****					****	****				****	
Green Time:	23.9	41.6	41.6	66.0	83.7	83.7	13.7	60.4	84.3	10.0	56.7	122.7
Volume/Cap:	0.75	0.20	0.09	0.24	0.28	0.75	0.75	0.70	0.25	0.11	0.75	0.04
Delay/Veh:	93.1	60.7	59.2	44.4	34.0	48.3	99.1	57.8	33.2	86.1	62.0	12.2
User DelAdj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
AdjDel/Veh:	93.1	60.7	59.2	44.4	34.0	48.3	99.1	57.8	33.2	86.1	62.0	12.2
LOS by Move:	F	E	E+	D	C-	D	F	E+	C-	F	E	B
HCM2k95thQ:	21	8	3	12	16	49	12	36	14	1	37	2

Note: Queue reported is the number of cars per lane.

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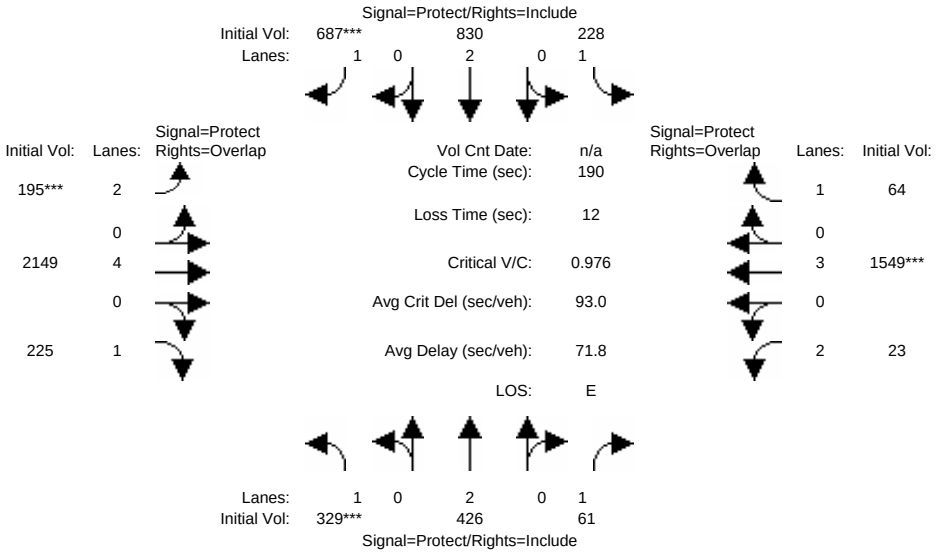
Milpitas Near-Term Cumulative Analysis

Level Of Service Computation Report
2000 HCM Operations (Future Volume Alternative)
Background PM

Intersection #20: Zanker Rd / Montague Expy [CMP]



Street Name:	Zanker Rd						Montague Expy					
Approach:	North Bound			South Bound			East Bound			West Bound		
Movement:	L - T - R			L - T - R			L - T - R			L - T - R		
Min. Green:	7	10	10	7	10	10	7	10	10	7	10	10
Volume Module:												
Base Vol:	164	167	34	146	471	575	169	1839	191	19	1269	44
Growth Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Initial Bse:	164	167	34	146	471	575	169	1839	191	19	1269	44
Added Vol:	0	0	0	0	0	0	0	0	0	0	0	0
ATI:	165	259	27	82	359	112	26	310	34	4	280	20
Initial Fut:	329	426	61	228	830	687	195	2149	225	23	1549	64
User Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	0.92	1.00	1.00	1.00	1.00
PHF Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
PHF Volume:	329	426	61	228	830	687	195	1977	225	23	1549	64
Reduct Vol:	0	0	0	0	0	0	0	0	0	0	0	0
Reduced Vol:	329	426	61	228	830	687	195	1977	225	23	1549	64
PCE Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
MLF Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
FinalVolume:	329	426	61	228	830	687	195	1977	225	23	1549	64
Saturation Flow Module:												
Sat/Lane:	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900
Adjustment:	0.92	1.00	0.92	0.92	1.00	0.92	0.83	1.00	0.92	0.83	1.00	0.92
Lanes:	1.00	2.00	1.00	1.00	2.00	1.00	2.00	4.00	1.00	2.00	3.00	1.00
Final Sat.:	1750	3800	1750	1750	3800	1750	3150	7600	1750	3150	5700	1750
Capacity Analysis Module:												
Vol/Sat:	0.19	0.11	0.03	0.13	0.22	0.39	0.06	0.26	0.13	0.01	0.27	0.04
Crit Moves:	****					****	****				****	
Green Time:	36.6	52.3	52.3	60.8	76.4	76.4	12.1	56.9	93.5	8.1	52.9	113.7
Volume/Cap:	0.98	0.41	0.13	0.41	0.54	0.98	0.98	0.87	0.26	0.17	0.98	0.06
Delay/Veh:	118.6	56.5	51.8	51.0	43.8	83.7	145.3	66.9	28.3	88.4	85.0	15.9
User DelAdj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
AdjDel/Veh:	118.6	56.5	51.8	51.0	43.8	83.7	145.3	66.9	28.3	88.4	85.0	15.9
LOS by Move:	F	E+	D-	D-	D	F	F	E	C	F	F	B
HCM2k95thQ:	41	18	6	20	31	73	15	45	15	2	52	3

Note: Queue reported is the number of cars per lane.

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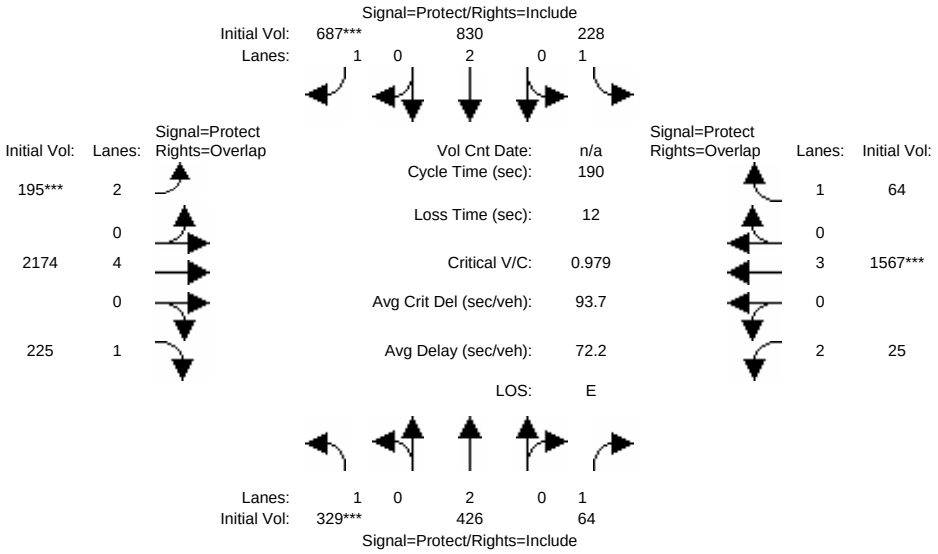
Milpitas Near-Term Cumulative Analysis

Level Of Service Computation Report
2000 HCM Operations (Future Volume Alternative)
Project PM

Intersection #20: Zanker Rd / Montague Expy [CMP]



Street Name:	Zanker Rd						Montague Expy					
Approach:	North Bound			South Bound			East Bound			West Bound		
Movement:	L - T - R			L - T - R			L - T - R			L - T - R		
Min. Green:	7	10	10	7	10	10	7	10	10	7	10	10
Volume Module:												
Base Vol:	329	426	61	228	830	687	195	2149	225	23	1549	64
Growth Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Initial Bse:	329	426	61	228	830	687	195	2149	225	23	1549	64
Added Vol:	0	0	3	0	0	0	0	25	0	2	18	0
PasserByVol:	0	0	0	0	0	0	0	0	0	0	0	0
Initial Fut:	329	426	64	228	830	687	195	2174	225	25	1567	64
User Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	0.92	1.00	1.00	1.00	1.00
PHF Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
PHF Volume:	329	426	64	228	830	687	195	2000	225	25	1567	64
Reduct Vol:	0	0	0	0	0	0	0	0	0	0	0	0
Reduced Vol:	329	426	64	228	830	687	195	2000	225	25	1567	64
PCE Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
MLF Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
FinalVolume:	329	426	64	228	830	687	195	2000	225	25	1567	64
Saturation Flow Module:												
Sat/Lane:	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900
Adjustment:	0.92	1.00	0.92	0.92	1.00	0.92	0.83	1.00	0.92	0.83	1.00	0.92
Lanes:	1.00	2.00	1.00	1.00	2.00	1.00	2.00	4.00	1.00	2.00	3.00	1.00
Final Sat.:	1750	3800	1750	1750	3800	1750	3150	7600	1750	3150	5700	1750
Capacity Analysis Module:												
Vol/Sat:	0.19	0.11	0.04	0.13	0.22	0.39	0.06	0.26	0.13	0.01	0.27	0.04
Crit Moves:	****					****	****				****	
Green Time:	36.5	52.1	52.1	60.5	76.2	76.2	12.0	57.3	93.8	8.0	53.3	113.9
Volume/Cap:	0.98	0.41	0.13	0.41	0.54	0.98	0.98	0.87	0.26	0.19	0.98	0.06
Delay/Veh:	119.7	56.6	52.1	51.2	44.0	84.9	146.4	66.9	28.1	88.5	85.5	15.8
User DelAdj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
AdjDel/Veh:	119.7	56.6	52.1	51.2	44.0	84.9	146.4	66.9	28.1	88.5	85.5	15.8
LOS by Move:	F	E+	D-	D-	D	F	F	E	C	F	F	B
HCM2k95thQ:	41	18	6	20	31	73	15	46	15	2	53	3

Note: Queue reported is the number of cars per lane.

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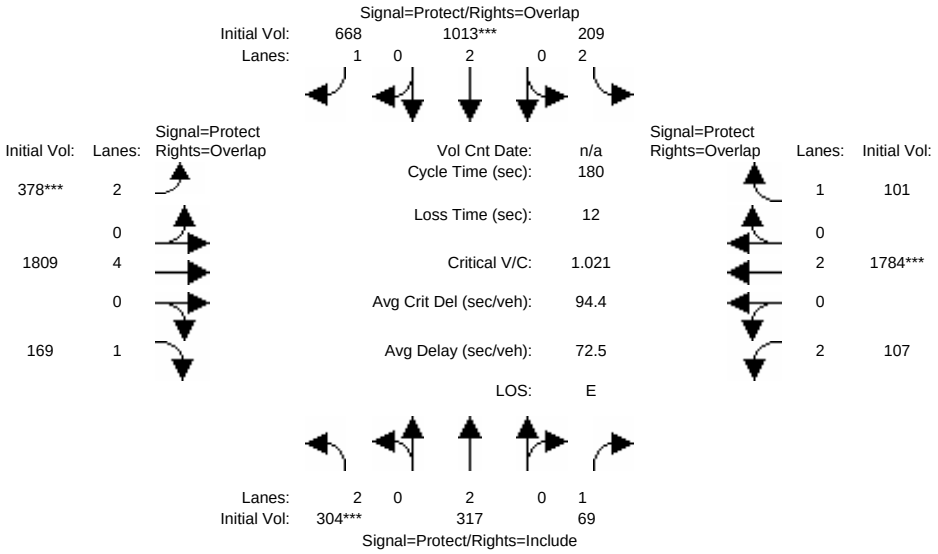
Milpitas Near-Term Cumulative Analysis

Level Of Service Computation Report
2000 HCM Operations (Future Volume Alternative)
Existing PM

Intersection #21: N 1st St / Montague Expy [CMP]



Street Name:	N 1st St						Montague Expy					
Approach:	North Bound			South Bound			East Bound			West Bound		
Movement:	L - T - R			L - T - R			L - T - R			L - T - R		
Min. Green:	7	10	10	7	10	10	7	10	10	7	10	10
Volume Module:												
Base Vol:	304	317	69	209	1013	668	378	1809	169	107	1784	101
Growth Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Initial Bse:	304	317	69	209	1013	668	378	1809	169	107	1784	101
Added Vol:	0	0	0	0	0	0	0	0	0	0	0	0
PasserByVol:	0	0	0	0	0	0	0	0	0	0	0	0
Initial Fut:	304	317	69	209	1013	668	378	1809	169	107	1784	101
User Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	0.92	1.00	1.00	1.00	1.00
PHF Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
PHF Volume:	304	317	69	209	1013	668	378	1664	169	107	1784	101
Reduct Vol:	0	0	0	0	0	0	0	0	0	0	0	0
Reduced Vol:	304	317	69	209	1013	668	378	1664	169	107	1784	101
PCE Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
MLF Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
FinalVolume:	304	317	69	209	1013	668	378	1664	169	107	1784	101
Saturation Flow Module:												
Sat/Lane:	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900
Adjustment:	0.83	1.00	0.92	0.83	1.00	0.92	0.83	1.00	0.92	0.83	1.00	0.92
Lanes:	2.00	2.00	1.00	2.00	2.00	1.00	2.00	4.00	1.00	2.00	2.00	1.00
Final Sat.:	3150	3800	1750	3150	3800	1750	3150	7600	1750	3150	3800	1750
Capacity Analysis Module:												
Vol/Sat:	0.10	0.08	0.04	0.07	0.27	0.38	0.12	0.22	0.10	0.03	0.47	0.06
Crit Moves:	****				****		****				****	
Green Time:	17.0	35.7	35.7	28.4	47.0	68.2	21.2	88.3	105.3	15.7	82.8	111.2
Volume/Cap:	1.02	0.42	0.20	0.42	1.02	1.01	1.02	0.45	0.17	0.39	1.02	0.09
Delay/Veh:	139.0	63.5	60.5	69.0	100	92.8	131.5	30.0	17.2	78.6	75.5	14.0
User DelAdj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
AdjDel/Veh:	139.0	63.5	60.5	69.0	100	92.8	131.5	30.0	17.2	78.6	75.5	14.0
LOS by Move:	F	E	E	E	F	F	F	C	B	E-	E-	B
HCM2k95thQ:	25	14	7	12	54	71	26	25	9	6	82	5

Note: Queue reported is the number of cars per lane.

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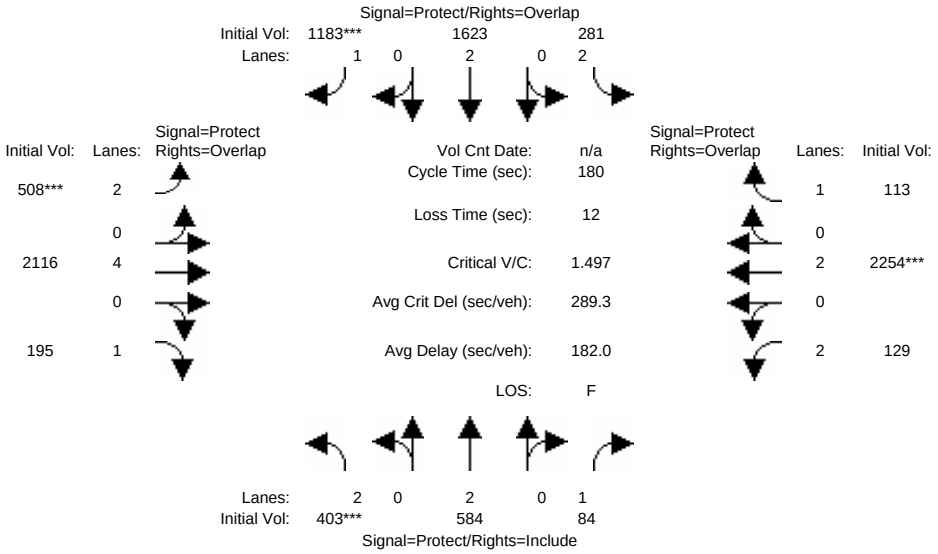
Milpitas Near-Term Cumulative Analysis

Level Of Service Computation Report
2000 HCM Operations (Future Volume Alternative)
Background PM

Intersection #21: N 1st St / Montague Expy [CMP]



Street Name:	N 1st St						Montague Expy					
Approach:	North Bound			South Bound			East Bound			West Bound		
Movement:	L - T - R			L - T - R			L - T - R			L - T - R		
Min. Green:	7	10	10	7	10	10	7	10	10	7	10	10
Volume Module:												
Base Vol:	304	317	69	209	1013	668	378	1809	169	107	1784	101
Growth Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Initial Bse:	304	317	69	209	1013	668	378	1809	169	107	1784	101
Added Vol:	0	0	0	0	0	0	0	0	0	0	0	0
ATI:	99	267	15	72	610	515	130	307	26	22	470	12
Initial Fut:	403	584	84	281	1623	1183	508	2116	195	129	2254	113
User Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	0.92	1.00	1.00	1.00	1.00
PHF Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
PHF Volume:	403	584	84	281	1623	1183	508	1947	195	129	2254	113
Reduct Vol:	0	0	0	0	0	0	0	0	0	0	0	0
Reduced Vol:	403	584	84	281	1623	1183	508	1947	195	129	2254	113
PCE Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
MLF Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
FinalVolume:	403	584	84	281	1623	1183	508	1947	195	129	2254	113
Saturation Flow Module:												
Sat/Lane:	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900
Adjustment:	0.83	1.00	0.92	0.83	1.00	0.92	0.83	1.00	0.92	0.83	1.00	0.92
Lanes:	2.00	2.00	1.00	2.00	2.00	1.00	2.00	4.00	1.00	2.00	2.00	1.00
Final Sat.:	3150	3800	1750	3150	3800	1750	3150	7600	1750	3150	3800	1750
Capacity Analysis Module:												
Vol/Sat:	0.13	0.15	0.05	0.09	0.43	0.68	0.16	0.26	0.11	0.04	0.59	0.06
Crit Moves:	****					****	****				****	
Green Time:	15.4	48.9	48.9	28.4	61.9	81.3	19.4	78.2	93.6	12.5	71.3	99.7
Volume/Cap:	1.50	0.57	0.18	0.57	1.24	1.50	1.50	0.59	0.21	0.59	1.50	0.12
Delay/Veh:	324.5	57.1	50.3	71.6	175	279.6	318.9	39.0	23.5	85.5	281	19.2
User DelAdj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
AdjDel/Veh:	324.5	57.1	50.3	71.6	175	279.6	318.9	39.0	23.5	85.5	281	19.2
LOS by Move:	F	E+	D	E	F	F	F	D+	C	F	F	B-
HCM2k95thQ:	41	25	7	17	98	181	47	33	11	8	155	6

Note: Queue reported is the number of cars per lane.

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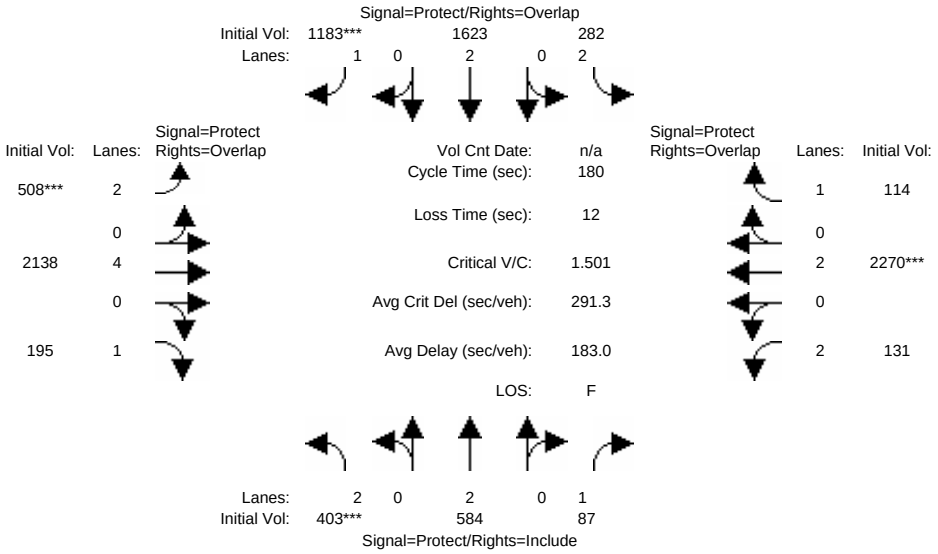
Milpitas Near-Term Cumulative Analysis

Level Of Service Computation Report
2000 HCM Operations (Future Volume Alternative)
Project PM

Intersection #21: N 1st St / Montague Expy [CMP]



Street Name:	N 1st St						Montague Expy					
Approach:	North Bound			South Bound			East Bound			West Bound		
Movement:	L -	T -	R	L -	T -	R	L -	T -	R	L -	T -	R
Min. Green:	7	10	10	7	10	10	7	10	10	7	10	10
Volume Module:												
Base Vol:	403	584	84	281	1623	1183	508	2116	195	129	2254	113
Growth Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Initial Bse:	403	584	84	281	1623	1183	508	2116	195	129	2254	113
Added Vol:	0	0	3	1	0	0	0	22	0	2	16	1
PasserByVol:	0	0	0	0	0	0	0	0	0	0	0	0
Initial Fut:	403	584	87	282	1623	1183	508	2138	195	131	2270	114
User Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	0.92	1.00	1.00	1.00	1.00
PHF Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
PHF Volume:	403	584	87	282	1623	1183	508	1967	195	131	2270	114
Reduct Vol:	0	0	0	0	0	0	0	0	0	0	0	0
Reduced Vol:	403	584	87	282	1623	1183	508	1967	195	131	2270	114
PCE Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
MLF Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
FinalVolume:	403	584	87	282	1623	1183	508	1967	195	131	2270	114
Saturation Flow Module:												
Sat/Lane:	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900
Adjustment:	0.83	1.00	0.92	0.83	1.00	0.92	0.83	1.00	0.92	0.83	1.00	0.92
Lanes:	2.00	2.00	1.00	2.00	2.00	1.00	2.00	4.00	1.00	2.00	2.00	1.00
Final Sat.:	3150	3800	1750	3150	3800	1750	3150	7600	1750	3150	3800	1750
Capacity Analysis Module:												
Vol/Sat:	0.13	0.15	0.05	0.09	0.43	0.68	0.16	0.26	0.11	0.04	0.60	0.07
Crit Moves:	****					****	****				****	
Green Time:	15.3	48.7	48.7	28.4	61.7	81.0	19.3	78.4	93.7	12.6	71.6	100.0
Volume/Cap:	1.50	0.57	0.18	0.57	1.25	1.50	1.50	0.59	0.21	0.59	1.50	0.12
Delay/Veh:	326.5	57.4	50.6	71.7	176	281.8	320.9	39.0	23.4	85.6	283	19.1
User DelAdj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
AdjDel/Veh:	326.5	57.4	50.6	71.7	176	281.8	320.9	39.0	23.4	85.6	283	19.1
LOS by Move:	F	E+	D	E	F	F	F	D	C	F	F	B-
HCM2k95thQ:	41	25	8	17	98	181	47	34	11	8	157	6

Note: Queue reported is the number of cars per lane.

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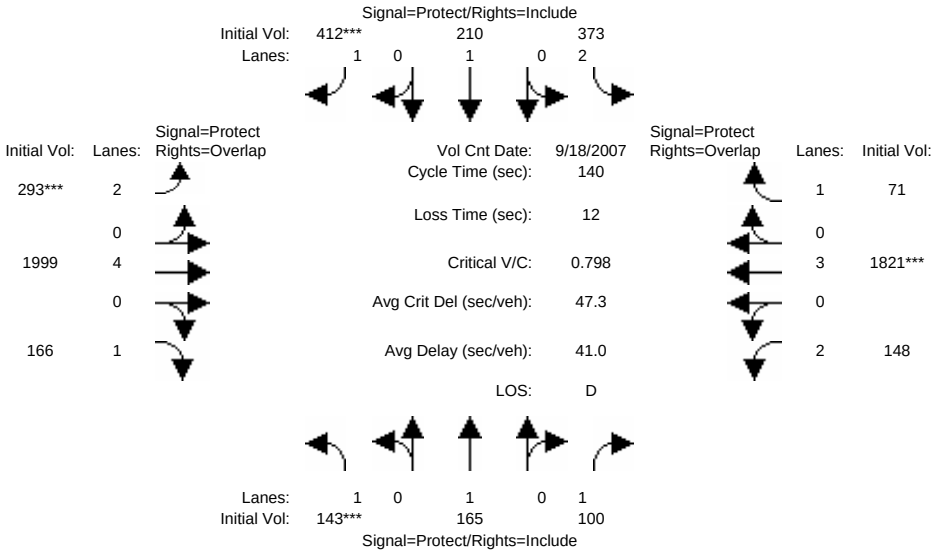
Milpitas Near-Term Cumulative Analysis

Level Of Service Computation Report
2000 HCM Operations (Future Volume Alternative)
Existing PM

Intersection #22: Montague Expy / De la Cruz [CMP]



Street Name:	De la Cruz						Montague Expy					
Approach:	North Bound			South Bound			East Bound			West Bound		
Movement:	L -	T -	R	L -	T -	R	L -	T -	R	L -	T -	R
Min. Green:	7	10	10	7	10	10	7	10	10	7	10	10
Volume Module: >> Count Date: 18 Sep 2007 <<												
Base Vol:	143	165	100	373	210	412	293	1999	166	148	1821	71
Growth Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Initial Bse:	143	165	100	373	210	412	293	1999	166	148	1821	71
Added Vol:	0	0	0	0	0	0	0	0	0	0	0	0
PasserByVol:	0	0	0	0	0	0	0	0	0	0	0	0
Initial Fut:	143	165	100	373	210	412	293	1999	166	148	1821	71
User Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	0.92	1.00	1.00	1.00	1.00
PHF Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
PHF Volume:	143	165	100	373	210	412	293	1839	166	148	1821	71
Reduct Vol:	0	0	0	0	0	0	0	0	0	0	0	0
Reduced Vol:	143	165	100	373	210	412	293	1839	166	148	1821	71
PCE Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
MLF Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
FinalVolume:	143	165	100	373	210	412	293	1839	166	148	1821	71
Saturation Flow Module:												
Sat/Lane:	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900
Adjustment:	0.92	1.00	0.92	0.83	1.00	0.92	0.83	1.00	0.92	0.83	1.00	0.92
Lanes:	1.00	1.00	1.00	2.00	1.00	1.00	2.00	4.00	1.00	2.00	3.00	1.00
Final Sat.:	1750	1900	1750	3150	1900	1750	3150	7600	1750	3150	5700	1750
Capacity Analysis Module:												
Vol/Sat:	0.08	0.09	0.06	0.12	0.11	0.24	0.09	0.24	0.09	0.05	0.32	0.04
Crit Moves:	****					****	****				****	
Green Time:	14.3	23.5	23.5	32.1	41.3	41.3	16.3	60.0	74.3	12.4	56.0	88.1
Volume/Cap:	0.80	0.52	0.34	0.52	0.37	0.80	0.80	0.56	0.18	0.53	0.80	0.06
Delay/Veh:	83.1	54.5	52.1	47.8	39.5	54.0	71.9	30.4	17.1	63.0	39.1	10.0
User DelAdj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
AdjDel/Veh:	83.1	54.5	52.1	47.8	39.5	54.0	71.9	30.4	17.1	63.0	39.1	10.0
LOS by Move:	F	D-	D-	D	D	D-	E	C	B	E	D	B+
HCM2k95thQ:	16	13	8	16	13	33	17	26	8	7	36	2

Note: Queue reported is the number of cars per lane.

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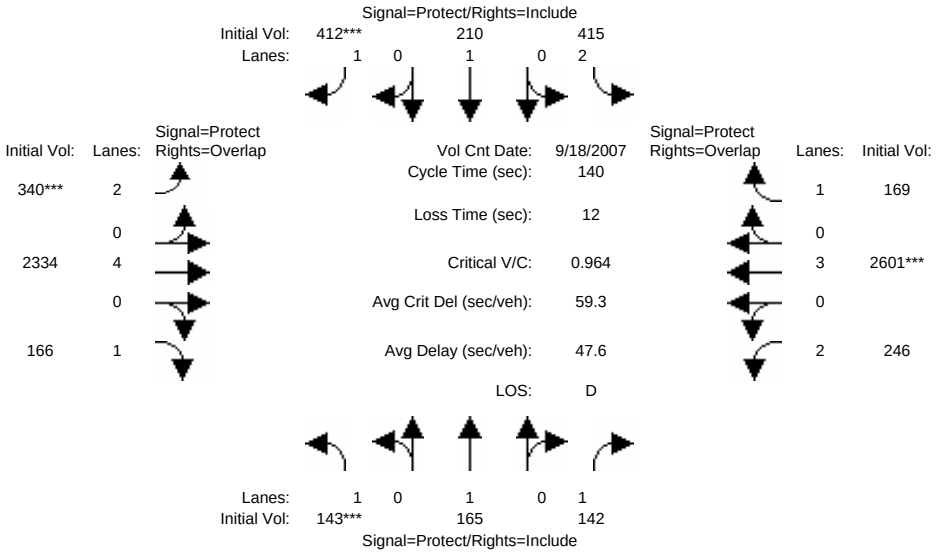
Milpitas Near-Term Cumulative Analysis

Level Of Service Computation Report
2000 HCM Operations (Future Volume Alternative)
Background PM

Intersection #22: Montague Expy / De la Cruz [CMP]



Street Name:	De la Cruz						Montague Expy					
Approach:	North Bound			South Bound			East Bound			West Bound		
Movement:	L -	T -	R	L -	T -	R	L -	T -	R	L -	T -	R
Min. Green:	7	10	10	7	10	10	7	10	10	7	10	10
Volume Module: >> Count Date: 18 Sep 2007 <<												
Base Vol:	143	165	100	373	210	412	293	1999	166	148	1821	71
Growth Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Initial Bse:	143	165	100	373	210	412	293	1999	166	148	1821	71
Added Vol:	0	0	0	0	0	0	0	0	0	0	0	0
ATI:	0	0	42	42	0	0	47	335	0	98	780	98
Initial Fut:	143	165	142	415	210	412	340	2334	166	246	2601	169
User Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	0.92	1.00	1.00	1.00	1.00
PHF Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
PHF Volume:	143	165	142	415	210	412	340	2147	166	246	2601	169
Reduct Vol:	0	0	0	0	0	0	0	0	0	0	0	0
Reduced Vol:	143	165	142	415	210	412	340	2147	166	246	2601	169
PCE Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
MLF Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
FinalVolume:	143	165	142	415	210	412	340	2147	166	246	2601	169
Saturation Flow Module:												
Sat/Lane:	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900
Adjustment:	0.92	1.00	0.92	0.83	1.00	0.92	0.83	1.00	0.92	0.83	1.00	0.92
Lanes:	1.00	1.00	1.00	2.00	1.00	1.00	2.00	4.00	1.00	2.00	3.00	1.00
Final Sat.:	1750	1900	1750	3150	1900	1750	3150	7600	1750	3150	5700	1750
Capacity Analysis Module:												
Vol/Sat:	0.08	0.09	0.08	0.13	0.11	0.24	0.11	0.28	0.09	0.08	0.46	0.10
Crit Moves:	****					****	****				****	
Green Time:	11.9	18.3	18.3	27.8	34.2	34.2	15.7	64.2	76.1	17.7	66.3	94.0
Volume/Cap:	0.96	0.66	0.62	0.66	0.45	0.96	0.96	0.62	0.17	0.62	0.96	0.14
Delay/Veh:	126.7	64.6	62.7	54.5	45.7	86.5	100.2	28.9	16.2	60.8	46.0	8.4
User DelAdj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
AdjDel/Veh:	126.7	64.6	62.7	54.5	45.7	86.5	100.2	28.9	16.2	60.8	46.0	8.4
LOS by Move:	F	E	E	D-	D	F	F	C	B	E	D	A
HCM2k95thQ:	19	15	14	20	15	39	23	30	7	11	54	5

Note: Queue reported is the number of cars per lane.

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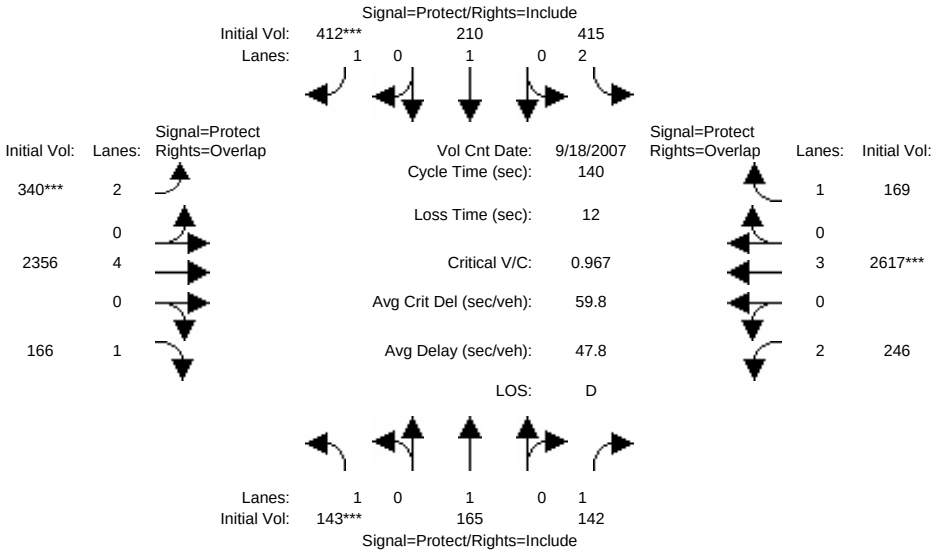
Milpitas Near-Term Cumulative Analysis

Level Of Service Computation Report
2000 HCM Operations (Future Volume Alternative)
Project PM

Intersection #22: Montague Expy / De la Cruz [CMP]



Street Name:	De la Cruz						Montague Expy					
Approach:	North Bound			South Bound			East Bound			West Bound		
Movement:	L -	T -	R	L -	T -	R	L -	T -	R	L -	T -	R
Min. Green:	7	10	10	7	10	10	7	10	10	7	10	10
Volume Module: >> Count Date: 18 Sep 2007 <<												
Base Vol:	143	165	142	415	210	412	340	2334	166	246	2601	169
Growth Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Initial Bse:	143	165	142	415	210	412	340	2334	166	246	2601	169
Added Vol:	0	0	0	0	0	0	0	22	0	0	16	0
PasserByVol:	0	0	0	0	0	0	0	0	0	0	0	0
Initial Fut:	143	165	142	415	210	412	340	2356	166	246	2617	169
User Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	0.92	1.00	1.00	1.00	1.00
PHF Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
PHF Volume:	143	165	142	415	210	412	340	2168	166	246	2617	169
Reduct Vol:	0	0	0	0	0	0	0	0	0	0	0	0
Reduced Vol:	143	165	142	415	210	412	340	2168	166	246	2617	169
PCE Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
MLF Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
FinalVolume:	143	165	142	415	210	412	340	2168	166	246	2617	169
Saturation Flow Module:												
Sat/Lane:	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900
Adjustment:	0.92	1.00	0.92	0.83	1.00	0.92	0.83	1.00	0.92	0.83	1.00	0.92
Lanes:	1.00	1.00	1.00	2.00	1.00	1.00	2.00	4.00	1.00	2.00	3.00	1.00
Final Sat.:	1750	1900	1750	3150	1900	1750	3150	7600	1750	3150	5700	1750
Capacity Analysis Module:												
Vol/Sat:	0.08	0.09	0.08	0.13	0.11	0.24	0.11	0.29	0.09	0.08	0.46	0.10
Crit Moves:	****					****	****				****	
Green Time:	11.8	18.2	18.2	27.7	34.1	34.1	15.6	64.4	76.3	17.6	66.5	94.1
Volume/Cap:	0.97	0.67	0.62	0.67	0.45	0.97	0.97	0.62	0.17	0.62	0.97	0.14
Delay/Veh:	127.7	64.8	62.9	54.7	45.8	87.4	101.1	28.9	16.1	61.0	46.4	8.4
User DelAdj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
AdjDel/Veh:	127.7	64.8	62.9	54.7	45.8	87.4	101.1	28.9	16.1	61.0	46.4	8.4
LOS by Move:	F	E	E	D-	D	F	F	C	B	E	D	A
HCM2k95thQ:	19	15	14	20	15	40	23	30	7	11	55	5

Note: Queue reported is the number of cars per lane.

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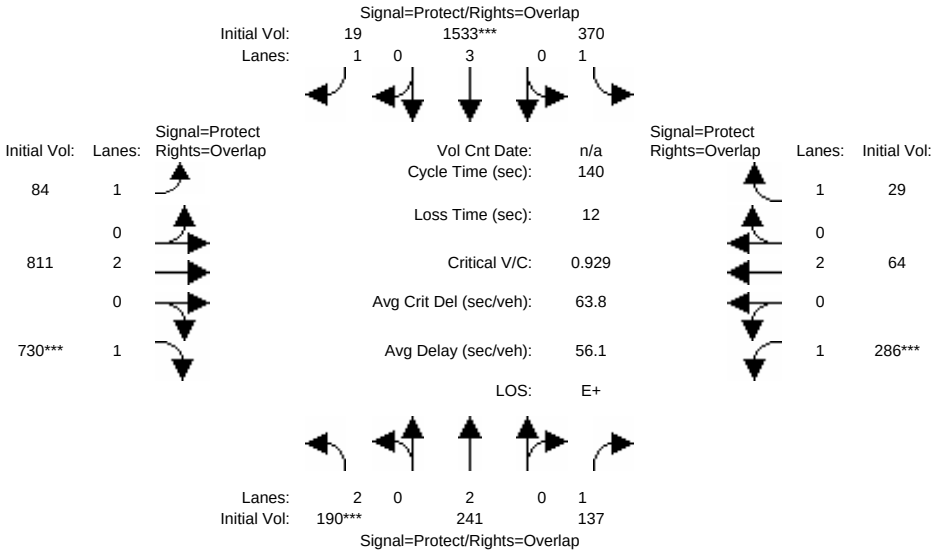
Milpitas Near-Term Cumulative Analysis

Level Of Service Computation Report
2000 HCM Operations (Future Volume Alternative)
Existing PM

Intersection #23: Capitol/Cropley



Street Name:	Capitol						Cropley					
Approach:	North Bound			South Bound			East Bound			West Bound		
Movement:	L - T - R			L - T - R			L - T - R			L - T - R		
Min. Green:	7	10	10	7	10	10	7	10	10	7	10	10
Volume Module:												
Base Vol:	190	241	137	370	1533	19	84	811	730	286	64	29
Growth Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Initial Bse:	190	241	137	370	1533	19	84	811	730	286	64	29
Added Vol:	0	0	0	0	0	0	0	0	0	0	0	0
PasserByVol:	0	0	0	0	0	0	0	0	0	0	0	0
Initial Fut:	190	241	137	370	1533	19	84	811	730	286	64	29
User Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
PHF Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
PHF Volume:	190	241	137	370	1533	19	84	811	730	286	64	29
Reduct Vol:	0	0	0	0	0	0	0	0	0	0	0	0
Reduced Vol:	190	241	137	370	1533	19	84	811	730	286	64	29
PCE Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
MLF Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
FinalVolume:	190	241	137	370	1533	19	84	811	730	286	64	29
Saturation Flow Module:												
Sat/Lane:	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900
Adjustment:	0.83	1.00	0.92	0.92	1.00	0.92	0.92	1.00	0.92	0.92	1.00	0.92
Lanes:	2.00	2.00	1.00	1.00	3.00	1.00	1.00	2.00	1.00	1.00	2.00	1.00
Final Sat.:	3150	3800	1750	1750	5700	1750	1750	3800	1750	1750	3800	1750
Capacity Analysis Module:												
Vol/Sat:	0.06	0.06	0.08	0.21	0.27	0.01	0.05	0.21	0.42	0.16	0.02	0.02
Crit Moves:	****				****				****	****		
Green Time:	9.1	12.5	37.2	37.1	40.5	72.8	32.3	53.8	62.9	24.6	46.1	83.2
Volume/Cap:	0.93	0.71	0.30	0.80	0.93	0.02	0.21	0.56	0.93	0.93	0.05	0.03
Delay/Veh:	108.5	68.7	41.3	57.4	58.1	16.3	43.8	34.2	53.7	90.1	32.0	11.7
User DelAdj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
AdjDel/Veh:	108.5	68.7	41.3	57.4	58.1	16.3	43.8	34.2	53.7	90.1	32.0	11.7
LOS by Move:	F	E	D	E+	E+	B	D	C-	D-	F	C-	B+
HCM2k95thQ:	15	12	10	28	37	1	6	24	57	29	2	1

Note: Queue reported is the number of cars per lane.

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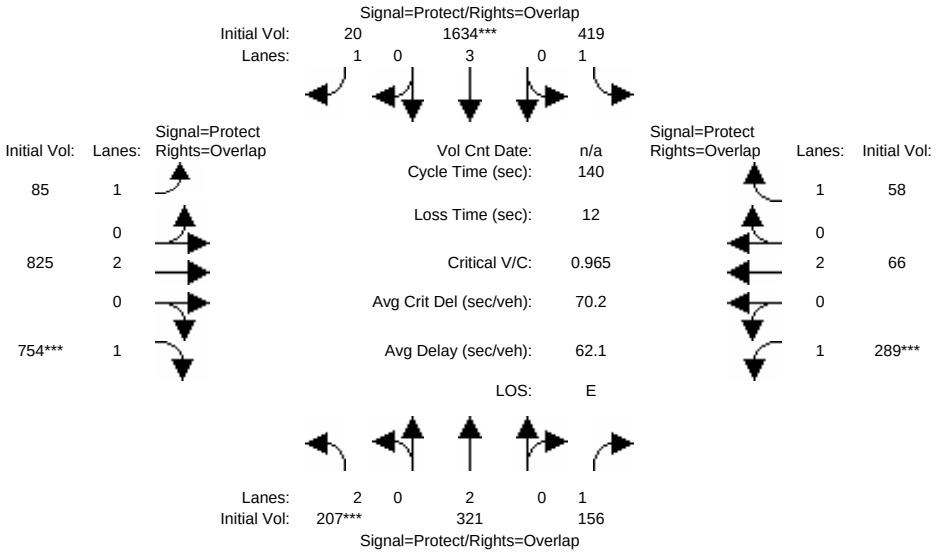
Milpitas Near-Term Cumulative Analysis

Level Of Service Computation Report
2000 HCM Operations (Future Volume Alternative)
Background PM

Intersection #23: Capitol/Cropley



Street Name:	Capitol						Cropley					
Approach:	North Bound			South Bound			East Bound			West Bound		
Movement:	L - T - R			L - T - R			L - T - R			L - T - R		
Min. Green:	7	10	10	7	10	10	7	10	10	7	10	10
Volume Module:												
Base Vol:	190	241	137	370	1533	19	84	811	730	286	64	29
Growth Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Initial Bse:	190	241	137	370	1533	19	84	811	730	286	64	29
Added Vol:	0	0	0	0	0	0	0	0	0	0	0	0
ATI:	17	80	19	49	101	1	1	14	24	3	2	29
Initial Fut:	207	321	156	419	1634	20	85	825	754	289	66	58
User Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
PHF Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
PHF Volume:	207	321	156	419	1634	20	85	825	754	289	66	58
Reduct Vol:	0	0	0	0	0	0	0	0	0	0	0	0
Reduced Vol:	207	321	156	419	1634	20	85	825	754	289	66	58
PCE Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
MLF Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
FinalVolume:	207	321	156	419	1634	20	85	825	754	289	66	58
Saturation Flow Module:												
Sat/Lane:	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900
Adjustment:	0.83	1.00	0.92	0.92	1.00	0.92	0.92	1.00	0.92	0.92	1.00	0.92
Lanes:	2.00	2.00	1.00	1.00	3.00	1.00	1.00	2.00	1.00	1.00	2.00	1.00
Final Sat.:	3150	3800	1750	1750	5700	1750	1750	3800	1750	1750	3800	1750
Capacity Analysis Module:												
Vol/Sat:	0.07	0.08	0.09	0.24	0.29	0.01	0.05	0.22	0.43	0.17	0.02	0.03
Crit Moves:	****				****				****	****		
Green Time:	9.5	13.3	37.3	37.8	41.6	73.2	31.7	53.0	62.5	23.9	45.2	83.0
Volume/Cap:	0.97	0.89	0.33	0.89	0.97	0.02	0.21	0.57	0.97	0.97	0.05	0.06
Delay/Veh:	116.5	84.9	41.8	67.2	63.0	16.1	44.3	35.1	61.7	100.1	32.7	12.0
User DelAdj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
AdjDel/Veh:	116.5	84.9	41.8	67.2	63.0	16.1	44.3	35.1	61.7	100.1	32.7	12.0
LOS by Move:	F	F	D	E	E	B	D	D+	E	F	C-	B
HCM2k95thQ:	16	18	11	32	41	1	6	25	62	31	2	2

Note: Queue reported is the number of cars per lane.

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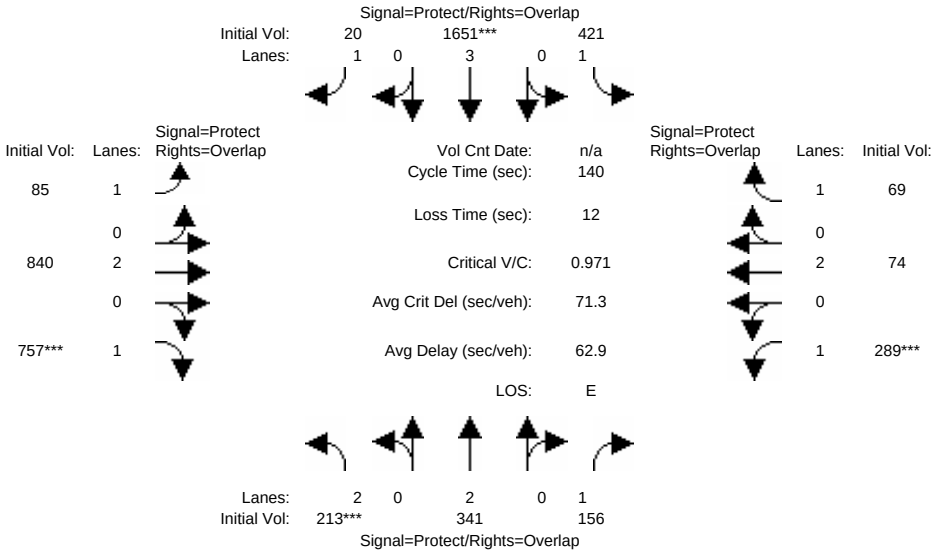
Level Of Service Computation Report
2000 HCM Operations (Future Volume Alternative)
Project PM

Intersection #23: Capitol/Cropley



Street Name:	Capitol						Cropley					
Approach:	North Bound			South Bound			East Bound			West Bound		
Movement:	L - T - R			L - T - R			L - T - R			L - T - R		
Min. Green:	7	10	10	7	10	10	7	10	10	7	10	10
Volume Module:												
Base Vol:	207	321	156	419	1634	20	85	825	754	289	66	58
Growth Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Initial Bse:	207	321	156	419	1634	20	85	825	754	289	66	58
Added Vol:	6	20	0	2	17	0	0	15	3	0	8	11
PasserByVol:	0	0	0	0	0	0	0	0	0	0	0	0
Initial Fut:	213	341	156	421	1651	20	85	840	757	289	74	69
User Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
PHF Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
PHF Volume:	213	341	156	421	1651	20	85	840	757	289	74	69
Reduct Vol:	0	0	0	0	0	0	0	0	0	0	0	0
Reduced Vol:	213	341	156	421	1651	20	85	840	757	289	74	69
PCE Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
MLF Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
FinalVolume:	213	341	156	421	1651	20	85	840	757	289	74	69
Saturation Flow Module:												
Sat/Lane:	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900
Adjustment:	0.83	1.00	0.92	0.92	1.00	0.92	0.92	1.00	0.92	0.92	1.00	0.92
Lanes:	2.00	2.00	1.00	1.00	3.00	1.00	1.00	2.00	1.00	1.00	2.00	1.00
Final Sat.:	3150	3800	1750	1750	5700	1750	1750	3800	1750	1750	3800	1750
Capacity Analysis Module:												
Vol/Sat:	0.07	0.09	0.09	0.24	0.29	0.01	0.05	0.22	0.43	0.17	0.02	0.04
Crit Moves:	****				****				****	****		
Green Time:	9.8	14.0	37.8	37.5	41.8	73.3	31.5	52.6	62.4	23.8	45.0	82.5
Volume/Cap:	0.97	0.90	0.33	0.90	0.97	0.02	0.22	0.59	0.97	0.97	0.06	0.07
Delay/Veh:	117.2	85.4	41.3	69.0	63.9	16.1	44.5	35.6	63.0	101.7	32.9	12.3
User DelAdj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
AdjDel/Veh:	117.2	85.4	41.3	69.0	63.9	16.1	44.5	35.6	63.0	101.7	32.9	12.3
LOS by Move:	F	F	D	E	E	B	D	D+	E	F	C-	B
HCM2k95thQ:	16	19	11	33	41	1	6	26	62	31	2	3

Note: Queue reported is the number of cars per lane.

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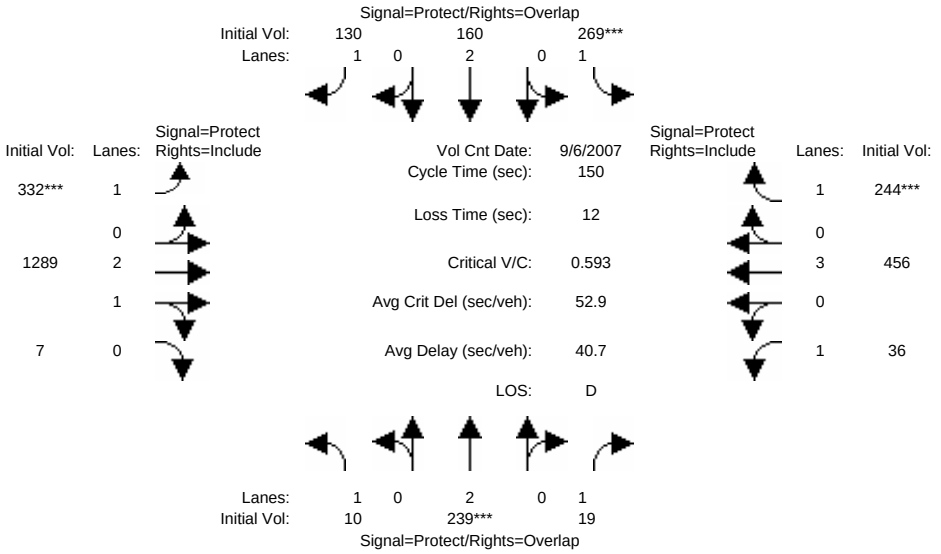
Milpitas Near-Term Cumulative Analysis

Level Of Service Computation Report
2000 HCM Operations (Future Volume Alternative)
Existing PM

Intersection #24: Great Mall Pkwy. & Main St.



Street Name:	Main St.						Great Mall Pkwy.					
Approach:	North Bound			South Bound			East Bound			West Bound		
Movement:	L -	T -	R	L -	T -	R	L -	T -	R	L -	T -	R
Min. Green:	7	10	10	7	10	10	7	10	10	7	10	10
Volume Module: >> Count Date: 6 Sep 2007 <<												
Base Vol:	10	239	19	269	160	130	332	1289	7	36	456	244
Growth Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Initial Bse:	10	239	19	269	160	130	332	1289	7	36	456	244
Added Vol:	0	0	0	0	0	0	0	0	0	0	0	0
PasserByVol:	0	0	0	0	0	0	0	0	0	0	0	0
Initial Fut:	10	239	19	269	160	130	332	1289	7	36	456	244
User Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
PHF Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
PHF Volume:	10	239	19	269	160	130	332	1289	7	36	456	244
Reduct Vol:	0	0	0	0	0	0	0	0	0	0	0	0
Reduced Vol:	10	239	19	269	160	130	332	1289	7	36	456	244
PCE Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
MLF Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
FinalVolume:	10	239	19	269	160	130	332	1289	7	36	456	244
Saturation Flow Module:												
Sat/Lane:	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900
Adjustment:	0.92	1.00	0.92	0.92	1.00	0.92	0.92	0.98	0.95	0.92	1.00	0.92
Lanes:	1.00	2.00	1.00	1.00	2.00	1.00	1.00	2.98	0.02	1.00	3.00	1.00
Final Sat.:	1750	3800	1750	1750	3800	1750	1750	5570	30	1750	5700	1750
Capacity Analysis Module:												
Vol/Sat:	0.01	0.06	0.01	0.15	0.04	0.07	0.19	0.23	0.23	0.02	0.08	0.14
Crit Moves:		****		****			****					****
Green Time:	22.6	15.9	29.9	38.9	32.2	80.2	48.0	69.3	69.3	14.0	35.3	35.3
Volume/Cap:	0.04	0.59	0.05	0.59	0.20	0.14	0.59	0.50	0.50	0.22	0.34	0.59
Delay/Veh:	54.5	66.3	48.7	50.8	48.4	17.6	44.5	28.4	28.4	63.7	47.9	53.3
User DelAdj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
AdjDel/Veh:	54.5	66.3	48.7	50.8	48.4	17.6	44.5	28.4	28.4	63.7	47.9	53.3
LOS by Move:	D-	E	D	D	D	B	D	C	C	E	D	D-
HCM2k95thQ:	1	12	2	22	6	6	24	24	24	3	11	19

Note: Queue reported is the number of cars per lane.

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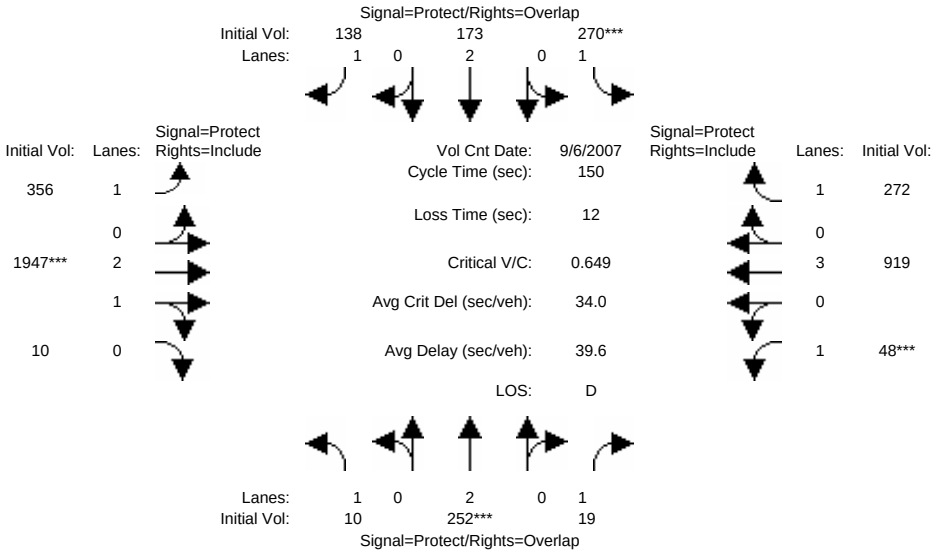
Milpitas Near-Term Cumulative Analysis

Level Of Service Computation Report
2000 HCM Operations (Future Volume Alternative)
Background PM

Intersection #24: Great Mall Pkwy. & Main St.



Street Name:	Main St.						Great Mall Pkwy.					
Approach:	North Bound			South Bound			East Bound			West Bound		
Movement:	L -	T -	R	L -	T -	R	L -	T -	R	L -	T -	R
Min. Green:	7	10	10	7	10	10	7	10	10	7	10	10
Volume Module: >> Count Date: 6 Sep 2007 <<												
Base Vol:	10	239	19	269	160	130	332	1289	7	36	456	244
Growth Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Initial Bse:	10	239	19	269	160	130	332	1289	7	36	456	244
Added Vol:	0	0	0	0	0	0	0	0	0	0	0	0
ATI:	0	13	0	1	13	8	24	658	3	12	463	28
Initial Fut:	10	252	19	270	173	138	356	1947	10	48	919	272
User Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
PHF Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
PHF Volume:	10	252	19	270	173	138	356	1947	10	48	919	272
Reduct Vol:	0	0	0	0	0	0	0	0	0	0	0	0
Reduced Vol:	10	252	19	270	173	138	356	1947	10	48	919	272
PCE Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
MLF Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
FinalVolume:	10	252	19	270	173	138	356	1947	10	48	919	272
Saturation Flow Module:												
Sat/Lane:	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900
Adjustment:	0.92	1.00	0.92	0.92	1.00	0.92	0.92	0.98	0.95	0.92	1.00	0.92
Lanes:	1.00	2.00	1.00	1.00	2.00	1.00	1.00	2.98	0.02	1.00	3.00	1.00
Final Sat.:	1750	3800	1750	1750	3800	1750	1750	5571	29	1750	5700	1750
Capacity Analysis Module:												
Vol/Sat:	0.01	0.07	0.01	0.15	0.05	0.08	0.20	0.35	0.35	0.03	0.16	0.16
Crit Moves:		****		****				****		****		
Green Time:	20.9	15.2	22.2	35.5	29.8	78.5	48.7	80.3	80.3	7.0	38.6	38.6
Volume/Cap:	0.04	0.65	0.07	0.65	0.23	0.15	0.63	0.65	0.65	0.59	0.63	0.60
Delay/Veh:	56.0	68.8	55.1	55.4	50.6	18.6	45.2	25.4	25.4	80.8	50.2	51.3
User DelAdj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
AdjDel/Veh:	56.0	68.8	55.1	55.4	50.6	18.6	45.2	25.4	25.4	80.8	50.2	51.3
LOS by Move:	E+	E	E+	E+	D	B-	D	C	C	F	D	D-
HCM2k95thQ:	1	13	2	23	7	7	25	35	35	5	22	21

Note: Queue reported is the number of cars per lane.

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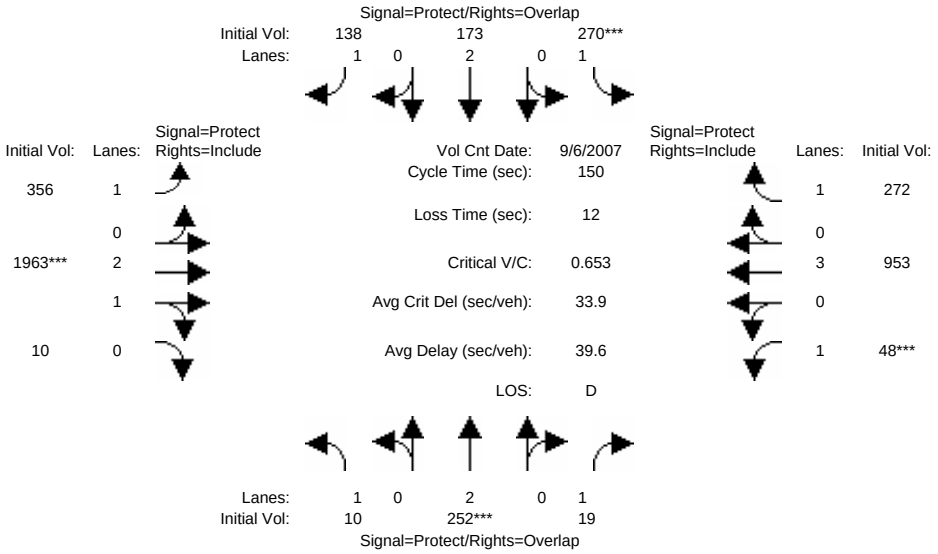
Milpitas Near-Term Cumulative Analysis

Level Of Service Computation Report
2000 HCM Operations (Future Volume Alternative)
Project PM

Intersection #24: Great Mall Pkwy. & Main St.



Street Name:	Main St.						Great Mall Pkwy.					
Approach:	North Bound			South Bound			East Bound			West Bound		
Movement:	L - T - R			L - T - R			L - T - R			L - T - R		
Min. Green:	7	10	10	7	10	10	7	10	10	7	10	10
Volume Module: >> Count Date: 6 Sep 2007 <<												
Base Vol:	10	252	19	270	173	138	356	1947	10	48	919	272
Growth Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Initial Bse:	10	252	19	270	173	138	356	1947	10	48	919	272
Added Vol:	0	0	0	0	0	0	0	16	0	0	34	0
PasserByVol:	0	0	0	0	0	0	0	0	0	0	0	0
Initial Fut:	10	252	19	270	173	138	356	1963	10	48	953	272
User Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
PHF Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
PHF Volume:	10	252	19	270	173	138	356	1963	10	48	953	272
Reduct Vol:	0	0	0	0	0	0	0	0	0	0	0	0
Reduced Vol:	10	252	19	270	173	138	356	1963	10	48	953	272
PCE Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
MLF Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
FinalVolume:	10	252	19	270	173	138	356	1963	10	48	953	272
Saturation Flow Module:												
Sat/Lane:	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900
Adjustment:	0.92	1.00	0.92	0.92	1.00	0.92	0.92	0.98	0.95	0.92	1.00	0.92
Lanes:	1.00	2.00	1.00	1.00	2.00	1.00	1.00	2.98	0.02	1.00	3.00	1.00
Final Sat.:	1750	3800	1750	1750	3800	1750	1750	5572	28	1750	5700	1750
Capacity Analysis Module:												
Vol/Sat:	0.01	0.07	0.01	0.15	0.05	0.08	0.20	0.35	0.35	0.03	0.17	0.16
Crit Moves:		****		****				****		****		
Green Time:	20.8	15.2	22.2	35.3	29.7	77.7	48.1	80.6	80.6	7.0	39.5	39.5
Volume/Cap:	0.04	0.66	0.07	0.66	0.23	0.15	0.63	0.66	0.66	0.59	0.63	0.59
Delay/Veh:	56.1	69.0	55.2	55.7	50.7	19.0	45.9	25.4	25.4	80.8	49.8	50.2
User DelAdj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
AdjDel/Veh:	56.1	69.0	55.2	55.7	50.7	19.0	45.9	25.4	25.4	80.8	49.8	50.2
LOS by Move:	E+	E	E+	E+	D	B-	D	C	C	F	D	D
HCM2k95thQ:	1	13	2	23	7	7	25	35	35	5	23	21

Note: Queue reported is the number of cars per lane.

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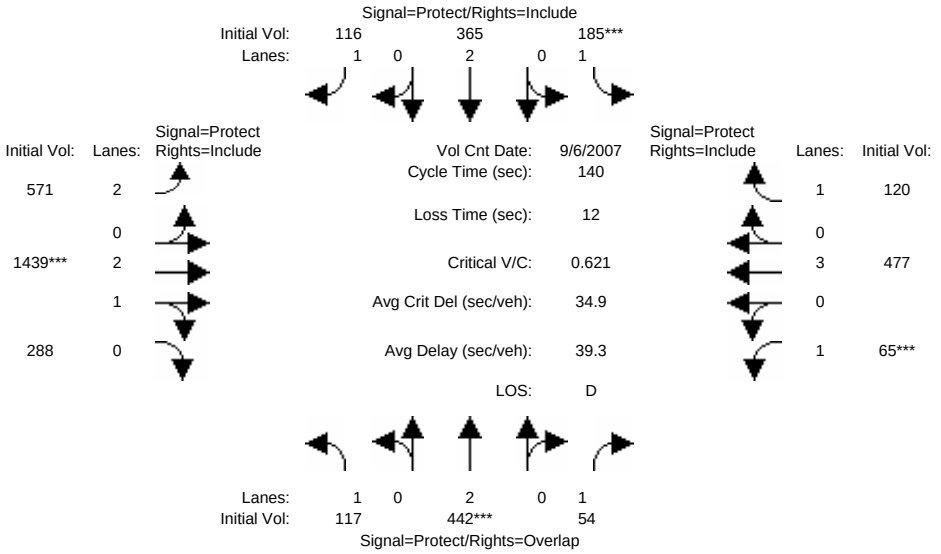
Milpitas Near-Term Cumulative Analysis

Level Of Service Computation Report
2000 HCM Operations (Future Volume Alternative)
Existing PM

Intersection #25: Great Mall Pkwy. & Abel St.



Street Name:	Abel St.						Great Mall Pkwy.					
Approach:	North Bound			South Bound			East Bound			West Bound		
Movement:	L - T - R			L - T - R			L - T - R			L - T - R		
Min. Green:	7	10	10	7	10	10	7	10	10	7	10	10
Volume Module: >> Count Date: 6 Sep 2007 <<												
Base Vol:	117	442	54	185	365	116	571	1439	288	65	477	120
Growth Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Initial Bse:	117	442	54	185	365	116	571	1439	288	65	477	120
Added Vol:	0	0	0	0	0	0	0	0	0	0	0	0
PasserByVol:	0	0	0	0	0	0	0	0	0	0	0	0
Initial Fut:	117	442	54	185	365	116	571	1439	288	65	477	120
User Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
PHF Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
PHF Volume:	117	442	54	185	365	116	571	1439	288	65	477	120
Reduct Vol:	0	0	0	0	0	0	0	0	0	0	0	0
Reduced Vol:	117	442	54	185	365	116	571	1439	288	65	477	120
PCE Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
MLF Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
FinalVolume:	117	442	54	185	365	116	571	1439	288	65	477	120
Saturation Flow Module:												
Sat/Lane:	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900
Adjustment:	0.92	1.00	0.92	0.92	1.00	0.92	0.83	0.99	0.95	0.92	1.00	0.92
Lanes:	1.00	2.00	1.00	1.00	2.00	1.00	2.00	2.48	0.52	1.00	3.00	1.00
Final Sat.:	1750	3800	1750	1750	3800	1750	3150	4665	934	1750	5700	1750
Capacity Analysis Module:												
Vol/Sat:	0.07	0.12	0.03	0.11	0.10	0.07	0.18	0.31	0.31	0.04	0.08	0.07
Crit Moves:		****		****				****		****		
Green Time:	20.5	26.2	34.6	23.8	29.5	29.5	53.3	69.6	69.6	8.4	24.6	24.6
Volume/Cap:	0.46	0.62	0.12	0.62	0.46	0.31	0.48	0.62	0.62	0.62	0.48	0.39
Delay/Veh:	55.9	54.0	41.1	57.9	48.6	47.2	33.1	26.1	26.1	75.2	52.2	51.9
User DelAdj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
AdjDel/Veh:	55.9	54.0	41.1	57.9	48.6	47.2	33.1	26.1	26.1	75.2	52.2	51.9
LOS by Move:	E+	D-	D	E+	D	D	C-	C	C	E-	D-	D-
HCM2k95thQ:	10	17	4	16	13	9	19	30	30	6	12	9

Note: Queue reported is the number of cars per lane.

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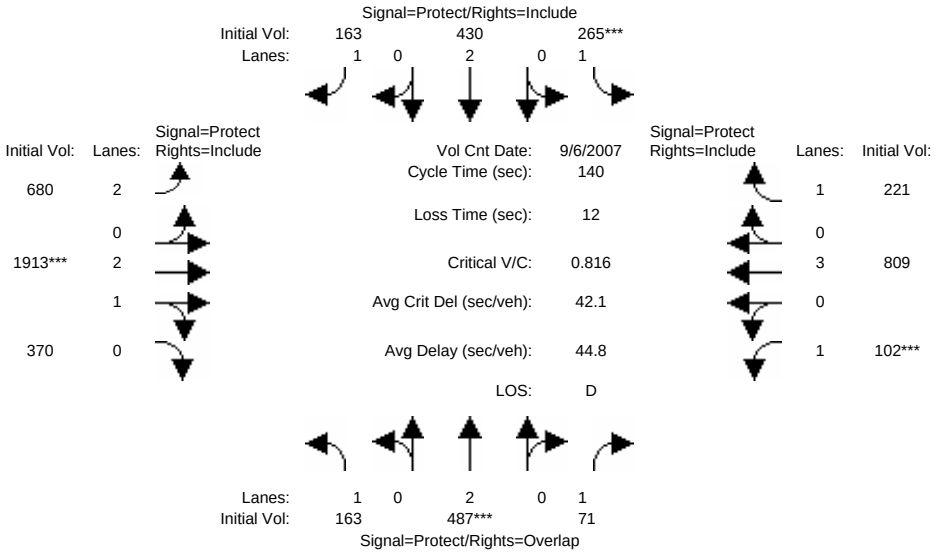
Milpitas Near-Term Cumulative Analysis

Level Of Service Computation Report
2000 HCM Operations (Future Volume Alternative)
Background PM

Intersection #25: Great Mall Pkwy. & Abel St.



Street Name:	Abel St.						Great Mall Pkwy.					
Approach:	North Bound			South Bound			East Bound			West Bound		
Movement:	L -	T -	R	L -	T -	R	L -	T -	R	L -	T -	R
Min. Green:	7	10	10	7	10	10	7	10	10	7	10	10
Volume Module: >> Count Date: 6 Sep 2007 <<												
Base Vol:	117	442	54	185	365	116	571	1439	288	65	477	120
Growth Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Initial Bse:	117	442	54	185	365	116	571	1439	288	65	477	120
Added Vol:	0	0	0	0	0	0	0	0	0	0	0	0
ATI:	46	45	17	80	65	47	109	474	82	37	332	101
Initial Fut:	163	487	71	265	430	163	680	1913	370	102	809	221
User Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
PHF Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
PHF Volume:	163	487	71	265	430	163	680	1913	370	102	809	221
Reduct Vol:	0	0	0	0	0	0	0	0	0	0	0	0
Reduced Vol:	163	487	71	265	430	163	680	1913	370	102	809	221
PCE Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
MLF Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
FinalVolume:	163	487	71	265	430	163	680	1913	370	102	809	221
Saturation Flow Module:												
Sat/Lane:	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900
Adjustment:	0.92	1.00	0.92	0.92	1.00	0.92	0.83	0.99	0.95	0.92	1.00	0.92
Lanes:	1.00	2.00	1.00	1.00	2.00	1.00	2.00	2.50	0.50	1.00	3.00	1.00
Final Sat.:	1750	3800	1750	1750	3800	1750	3150	4691	907	1750	5700	1750
Capacity Analysis Module:												
Vol/Sat:	0.09	0.13	0.04	0.15	0.11	0.09	0.22	0.41	0.41	0.06	0.14	0.13
Crit Moves:		****		****				****		****		
Green Time:	21.7	22.0	32.0	26.0	26.3	26.3	48.3	70.0	70.0	10.0	31.7	31.7
Volume/Cap:	0.60	0.82	0.18	0.82	0.60	0.50	0.63	0.82	0.82	0.82	0.63	0.56
Delay/Veh:	58.9	65.6	43.6	69.4	53.5	52.1	39.5	31.5	31.5	96.4	49.8	49.7
User DelAdj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
AdjDel/Veh:	58.9	65.6	43.6	69.4	53.5	52.1	39.5	31.5	31.5	96.4	49.8	49.7
LOS by Move:	E+	E	D	E	D-	D-	D	C	C	F	D	D
HCM2k95thQ:	15	22	5	25	17	14	24	42	42	10	19	16

Note: Queue reported is the number of cars per lane.

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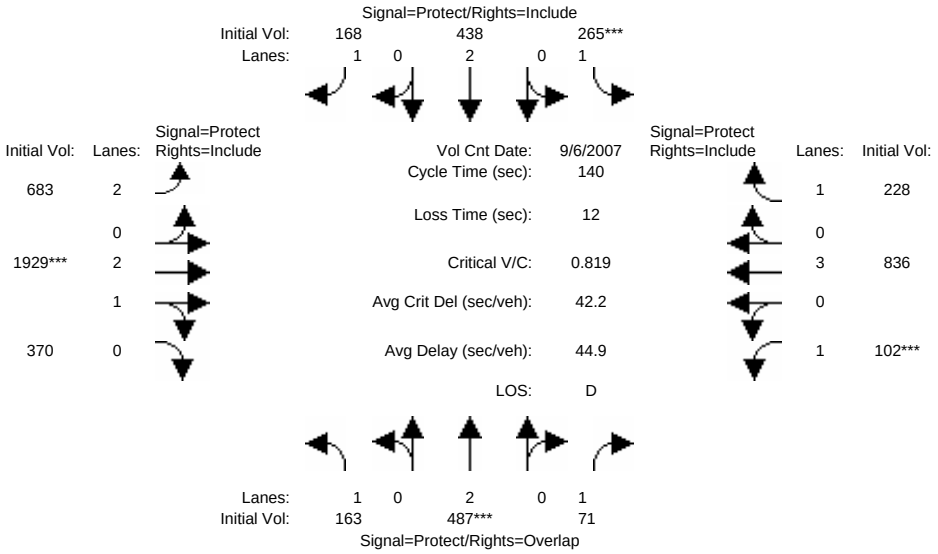
Milpitas Near-Term Cumulative Analysis

Level Of Service Computation Report
2000 HCM Operations (Future Volume Alternative)
Project PM

Intersection #25: Great Mall Pkwy. & Abel St.



Street Name:	Abel St.						Great Mall Pkwy.					
Approach:	North Bound			South Bound			East Bound			West Bound		
Movement:	L -	T -	R	L -	T -	R	L -	T -	R	L -	T -	R
Min. Green:	7	10	10	7	10	10	7	10	10	7	10	10
Volume Module: >> Count Date: 6 Sep 2007 <<												
Base Vol:	163	487	71	265	430	163	680	1913	370	102	809	221
Growth Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Initial Bse:	163	487	71	265	430	163	680	1913	370	102	809	221
Added Vol:	0	0	0	0	8	5	3	16	0	0	27	7
PasserByVol:	0	0	0	0	0	0	0	0	0	0	0	0
Initial Fut:	163	487	71	265	438	168	683	1929	370	102	836	228
User Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
PHF Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
PHF Volume:	163	487	71	265	438	168	683	1929	370	102	836	228
Reduct Vol:	0	0	0	0	0	0	0	0	0	0	0	0
Reduced Vol:	163	487	71	265	438	168	683	1929	370	102	836	228
PCE Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
MLF Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
FinalVolume:	163	487	71	265	438	168	683	1929	370	102	836	228
Saturation Flow Module:												
Sat/Lane:	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900
Adjustment:	0.92	1.00	0.92	0.92	1.00	0.92	0.83	0.99	0.95	0.92	1.00	0.92
Lanes:	1.00	2.00	1.00	1.00	2.00	1.00	2.00	2.50	0.50	1.00	3.00	1.00
Final Sat.:	1750	3800	1750	1750	3800	1750	3150	4698	901	1750	5700	1750
Capacity Analysis Module:												
Vol/Sat:	0.09	0.13	0.04	0.15	0.12	0.10	0.22	0.41	0.41	0.06	0.15	0.13
Crit Moves:		****		****				****		****		
Green Time:	21.4	21.9	31.9	25.9	26.4	26.4	47.8	70.2	70.2	10.0	32.4	32.4
Volume/Cap:	0.61	0.82	0.18	0.82	0.61	0.51	0.63	0.82	0.82	0.82	0.63	0.56
Delay/Veh:	59.5	65.9	43.7	69.8	53.6	52.3	40.0	31.5	31.5	97.1	49.5	49.4
User DelAdj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
AdjDel/Veh:	59.5	65.9	43.7	69.8	53.6	52.3	40.0	31.5	31.5	97.1	49.5	49.4
LOS by Move:	E+	E	D	E	D-	D-	D	C	C	F	D	D
HCM2k95thQ:	15	22	5	25	17	14	24	43	43	10	19	17

Note: Queue reported is the number of cars per lane.

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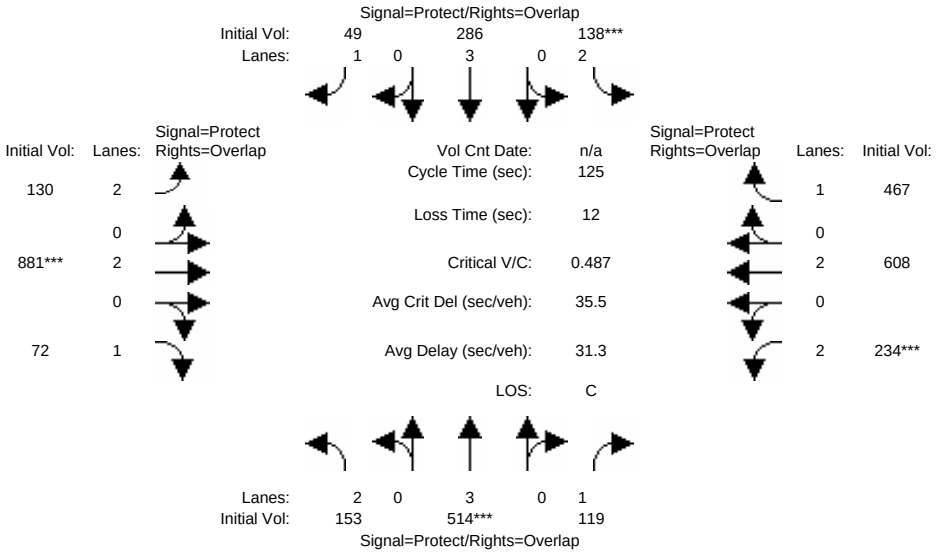
Milpitas Near-Term Cumulative Analysis

Level Of Service Computation Report
2000 HCM Operations (Future Volume Alternative)
Existing PM

Intersection #26: Zanker Rd / Tasman Dr



Street Name:	Zanker Rd						Tasman Dr					
Approach:	North Bound			South Bound			East Bound			West Bound		
Movement:	L - T - R			L - T - R			L - T - R			L - T - R		
Min. Green:	7	10	10	7	10	10	7	10	10	7	10	10
Volume Module:												
Base Vol:	153	514	119	138	286	49	130	881	72	234	608	467
Growth Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Initial Bse:	153	514	119	138	286	49	130	881	72	234	608	467
Added Vol:	0	0	0	0	0	0	0	0	0	0	0	0
PasserByVol:	0	0	0	0	0	0	0	0	0	0	0	0
Initial Fut:	153	514	119	138	286	49	130	881	72	234	608	467
User Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
PHF Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
PHF Volume:	153	514	119	138	286	49	130	881	72	234	608	467
Reduct Vol:	0	0	0	0	0	0	0	0	0	0	0	0
Reduced Vol:	153	514	119	138	286	49	130	881	72	234	608	467
PCE Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
MLF Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
FinalVolume:	153	514	119	138	286	49	130	881	72	234	608	467
Saturation Flow Module:												
Sat/Lane:	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900
Adjustment:	0.83	1.00	0.92	0.83	1.00	0.92	0.83	1.00	0.92	0.83	1.00	0.92
Lanes:	2.00	3.00	1.00	2.00	3.00	1.00	2.00	2.00	1.00	2.00	2.00	1.00
Final Sat.:	3150	5700	1750	3150	5700	1750	3150	3800	1750	3150	3800	1750
Capacity Analysis Module:												
Vol/Sat:	0.05	0.09	0.07	0.04	0.05	0.03	0.04	0.23	0.04	0.07	0.16	0.27
Crit Moves:		****		****				****		****		
Green Time:	14.2	23.2	42.2	11.2	20.2	36.0	15.8	59.5	73.7	19.1	62.8	74.1
Volume/Cap:	0.43	0.49	0.20	0.49	0.31	0.10	0.33	0.49	0.07	0.49	0.32	0.45
Delay/Veh:	52.5	46.0	29.6	55.4	46.4	32.7	50.3	22.5	11.0	49.3	18.5	14.5
User DelAdj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
AdjDel/Veh:	52.5	46.0	29.6	55.4	46.4	32.7	50.3	22.5	11.0	49.3	18.5	14.5
LOS by Move:	D-	D	C	E+	D	C-	D	C+	B+	D	B-	B
HCM2k95thQ:	7	12	7	7	7	3	5	20	3	9	13	19

Note: Queue reported is the number of cars per lane.

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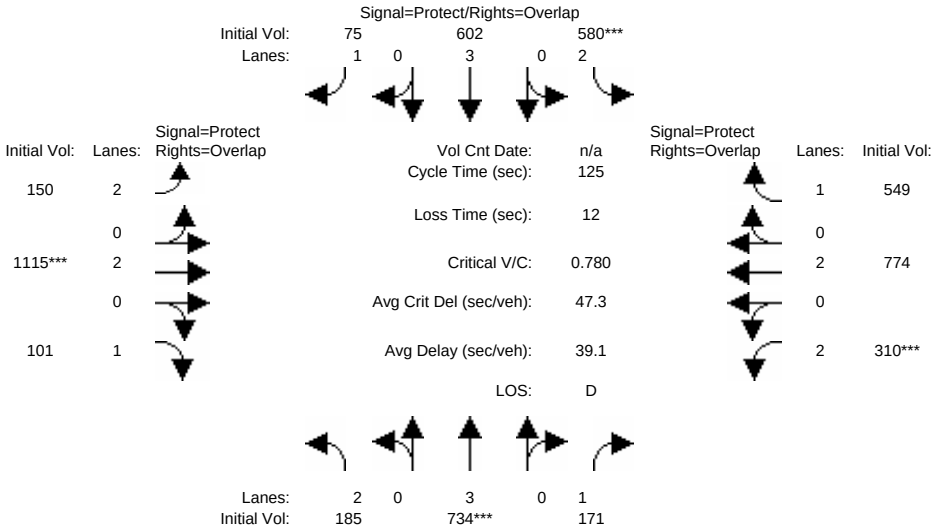
Milpitas Near-Term Cumulative Analysis

Level Of Service Computation Report
2000 HCM Operations (Future Volume Alternative)
Background PM

Intersection #26: Zanker Rd / Tasman Dr



Street Name:	Zanker Rd						Tasman Dr					
Approach:	North Bound			South Bound			East Bound			West Bound		
Movement:	L - T - R			L - T - R			L - T - R			L - T - R		
Min. Green:	7	10	10	7	10	10	7	10	10	7	10	10
Volume Module:												
Base Vol:	153	514	119	138	286	49	130	881	72	234	608	467
Growth Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Initial Bse:	153	514	119	138	286	49	130	881	72	234	608	467
Added Vol:	0	0	0	0	0	0	0	0	0	0	0	0
ATI:	32	220	52	442	316	26	20	234	29	76	166	82
Initial Fut:	185	734	171	580	602	75	150	1115	101	310	774	549
User Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
PHF Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
PHF Volume:	185	734	171	580	602	75	150	1115	101	310	774	549
Reduct Vol:	0	0	0	0	0	0	0	0	0	0	0	0
Reduced Vol:	185	734	171	580	602	75	150	1115	101	310	774	549
PCE Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
MLF Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
FinalVolume:	185	734	171	580	602	75	150	1115	101	310	774	549
Saturation Flow Module:												
Sat/Lane:	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900
Adjustment:	0.83	1.00	0.92	0.83	1.00	0.92	0.83	1.00	0.92	0.83	1.00	0.92
Lanes:	2.00	3.00	1.00	2.00	3.00	1.00	2.00	2.00	1.00	2.00	2.00	1.00
Final Sat.:	3150	5700	1750	3150	5700	1750	3150	3800	1750	3150	3800	1750
Capacity Analysis Module:												
Vol/Sat:	0.06	0.13	0.10	0.18	0.11	0.04	0.05	0.29	0.06	0.10	0.20	0.31
Crit Moves:		****		****				****		****		
Green Time:	17.9	20.6	36.4	29.5	32.2	45.8	13.5	47.0	65.0	15.8	49.3	78.8
Volume/Cap:	0.41	0.78	0.34	0.78	0.41	0.12	0.44	0.78	0.11	0.78	0.52	0.50
Delay/Veh:	49.3	54.2	35.2	50.0	38.7	26.3	53.1	37.2	15.3	62.4	29.1	12.8
User DelAdj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
AdjDel/Veh:	49.3	54.2	35.2	50.0	38.7	26.3	53.1	37.2	15.3	62.4	29.1	12.8
LOS by Move:	D	D-	D+	D	D+	C	D-	D+	B	E	C	B
HCM2k95thQ:	8	20	11	25	12	4	6	30	4	13	20	21

Note: Queue reported is the number of cars per lane.

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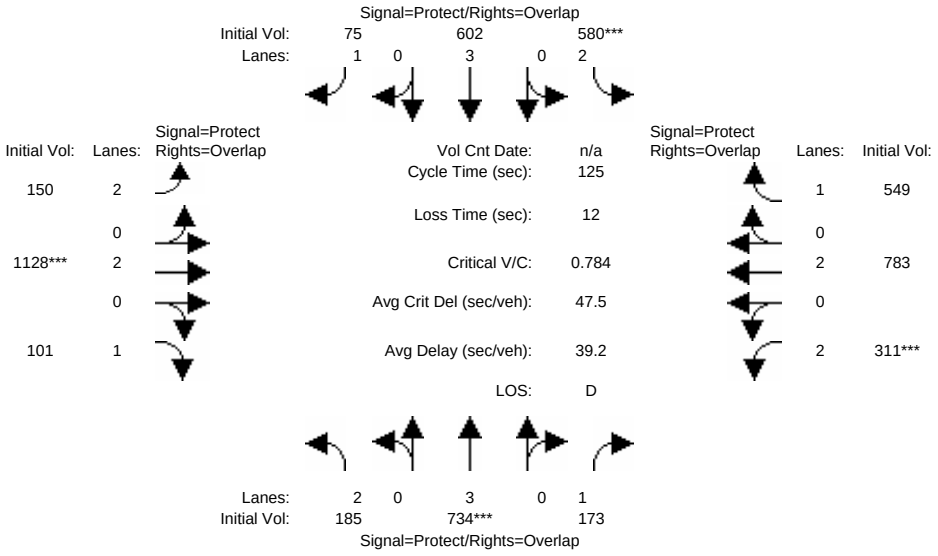
Milpitas Near-Term Cumulative Analysis

Level Of Service Computation Report
2000 HCM Operations (Future Volume Alternative)
Project PM

Intersection #26: Zanker Rd / Tasman Dr



Street Name:	Zanker Rd						Tasman Dr					
Approach:	North Bound			South Bound			East Bound			West Bound		
Movement:	L -	T -	R	L -	T -	R	L -	T -	R	L -	T -	R
Min. Green:	7	10	10	7	10	10	7	10	10	7	10	10
Volume Module:												
Base Vol:	185	734	171	580	602	75	150	1115	101	310	774	549
Growth Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Initial Bse:	185	734	171	580	602	75	150	1115	101	310	774	549
Added Vol:	0	0	2	0	0	0	0	13	0	1	9	0
PasserByVol:	0	0	0	0	0	0	0	0	0	0	0	0
Initial Fut:	185	734	173	580	602	75	150	1128	101	311	783	549
User Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
PHF Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
PHF Volume:	185	734	173	580	602	75	150	1128	101	311	783	549
Reduct Vol:	0	0	0	0	0	0	0	0	0	0	0	0
Reduced Vol:	185	734	173	580	602	75	150	1128	101	311	783	549
PCE Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
MLF Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
FinalVolume:	185	734	173	580	602	75	150	1128	101	311	783	549
Saturation Flow Module:												
Sat/Lane:	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900
Adjustment:	0.83	1.00	0.92	0.83	1.00	0.92	0.83	1.00	0.92	0.83	1.00	0.92
Lanes:	2.00	3.00	1.00	2.00	3.00	1.00	2.00	2.00	1.00	2.00	2.00	1.00
Final Sat.:	3150	5700	1750	3150	5700	1750	3150	3800	1750	3150	3800	1750
Capacity Analysis Module:												
Vol/Sat:	0.06	0.13	0.10	0.18	0.11	0.04	0.05	0.30	0.06	0.10	0.21	0.31
Crit Moves:		****		****				****		****		
Green Time:	17.8	20.5	36.3	29.4	32.1	45.6	13.5	47.3	65.2	15.7	49.6	79.0
Volume/Cap:	0.41	0.78	0.34	0.78	0.41	0.12	0.44	0.78	0.11	0.78	0.52	0.50
Delay/Veh:	49.4	54.5	35.3	50.3	38.8	26.5	53.1	37.2	15.2	62.8	29.0	12.7
User DelAdj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
AdjDel/Veh:	49.4	54.5	35.3	50.3	38.8	26.5	53.1	37.2	15.2	62.8	29.0	12.7
LOS by Move:	D	D-	D+	D	D+	C	D-	D+	B	E	C	B
HCM2k95thQ:	8	20	11	25	12	4	6	31	4	13	20	21

Note: Queue reported is the number of cars per lane.

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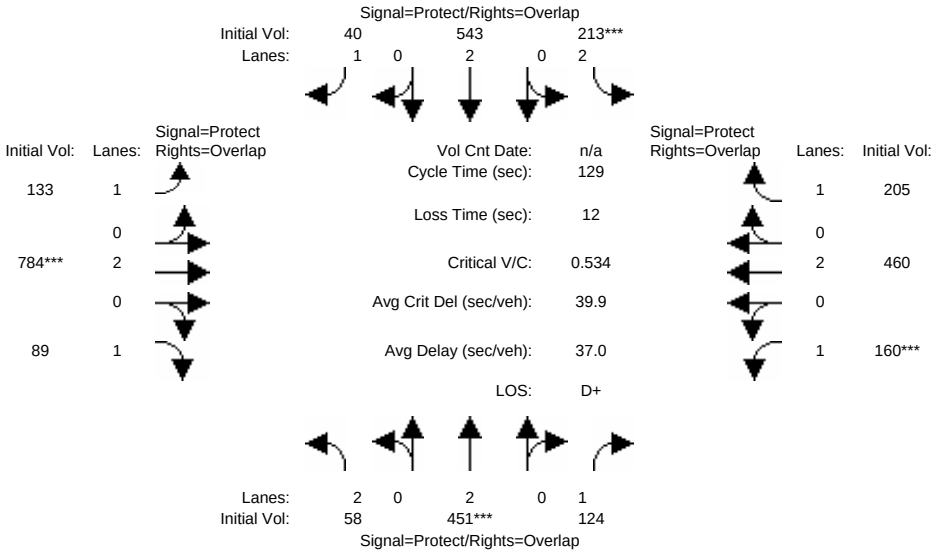
Milpitas Near-Term Cumulative Analysis

Level Of Service Computation Report
2000 HCM Operations (Future Volume Alternative)
Existing PM

Intersection #27: N. 1st St / Tasman Dr



Street Name:	N 1st Street						Tasman Dr.					
Approach:	North Bound			South Bound			East Bound			West Bound		
Movement:	L -	T -	R	L -	T -	R	L -	T -	R	L -	T -	R
Min. Green:	7	10	10	7	10	10	7	10	10	7	10	10
Volume Module:												
Base Vol:	58	451	124	213	543	40	133	784	89	160	460	205
Growth Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Initial Bse:	58	451	124	213	543	40	133	784	89	160	460	205
Added Vol:	0	0	0	0	0	0	0	0	0	0	0	0
PasserByVol:	0	0	0	0	0	0	0	0	0	0	0	0
Initial Fut:	58	451	124	213	543	40	133	784	89	160	460	205
User Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
PHF Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
PHF Volume:	58	451	124	213	543	40	133	784	89	160	460	205
Reduct Vol:	0	0	0	0	0	0	0	0	0	0	0	0
Reduced Vol:	58	451	124	213	543	40	133	784	89	160	460	205
PCE Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
MLF Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
FinalVolume:	58	451	124	213	543	40	133	784	89	160	460	205
Saturation Flow Module:												
Sat/Lane:	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900
Adjustment:	0.83	1.00	0.92	0.83	1.00	0.92	0.92	1.00	0.92	0.92	1.00	0.92
Lanes:	2.00	2.00	1.00	2.00	2.00	1.00	1.00	2.00	1.00	1.00	2.00	1.00
Final Sat.:	3150	3800	1750	3150	3800	1750	1750	3800	1750	1750	3800	1750
Capacity Analysis Module:												
Vol/Sat:	0.02	0.12	0.07	0.07	0.14	0.02	0.08	0.21	0.05	0.09	0.12	0.12
Crit Moves:		****		****				****		****		
Green Time:	12.4	28.7	50.8	16.3	32.6	60.4	27.8	49.9	62.3	22.1	44.2	60.6
Volume/Cap:	0.19	0.53	0.18	0.53	0.56	0.05	0.35	0.53	0.11	0.53	0.35	0.25
Delay/Veh:	54.0	44.9	25.6	54.2	42.8	18.7	43.6	31.0	18.2	50.6	31.9	20.7
User DelAdj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
AdjDel/Veh:	54.0	44.9	25.6	54.2	42.8	18.7	43.6	31.0	18.2	50.6	31.9	20.7
LOS by Move:	D-	D	C	D-	D	B-	D	C	B-	D	C	C+
HCM2k95thQ:	3	15	7	10	18	2	10	22	4	12	12	10

Note: Queue reported is the number of cars per lane.

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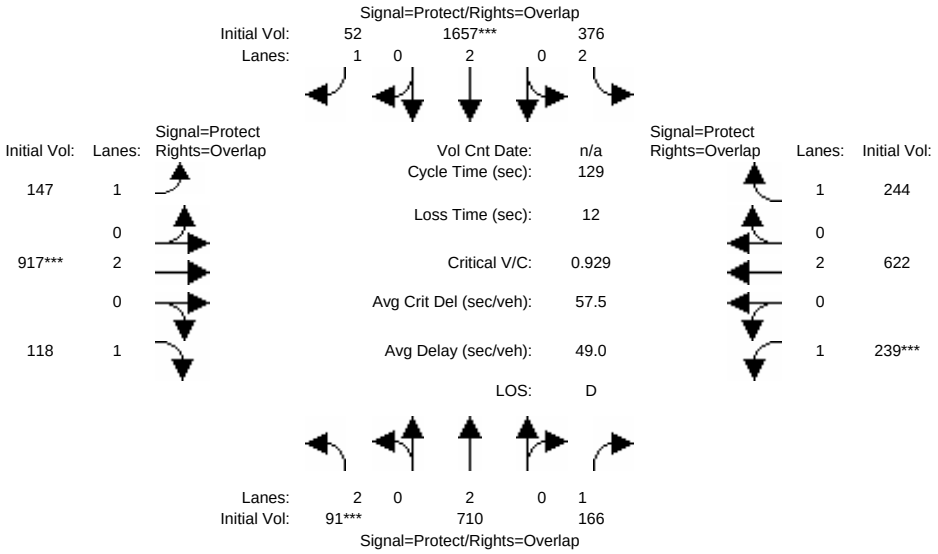
Milpitas Near-Term Cumulative Analysis

Level Of Service Computation Report
2000 HCM Operations (Future Volume Alternative)
Background PM

Intersection #27: N. 1st St / Tasman Dr



Street Name:	N 1st Street						Tasman Dr.					
Approach:	North Bound			South Bound			East Bound			West Bound		
Movement:	L - T - R			L - T - R			L - T - R			L - T - R		
Min. Green:	7	10	10	7	10	10	7	10	10	7	10	10
Volume Module:												
Base Vol:	58	451	124	213	543	40	133	784	89	160	460	205
Growth Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Initial Bse:	58	451	124	213	543	40	133	784	89	160	460	205
Added Vol:	0	0	0	0	0	0	0	0	0	0	0	0
ATI:	33	259	42	163	1114	12	14	133	29	79	162	39
Initial Fut:	91	710	166	376	1657	52	147	917	118	239	622	244
User Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
PHF Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
PHF Volume:	91	710	166	376	1657	52	147	917	118	239	622	244
Reduct Vol:	0	0	0	0	0	0	0	0	0	0	0	0
Reduced Vol:	91	710	166	376	1657	52	147	917	118	239	622	244
PCE Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
MLF Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
FinalVolume:	91	710	166	376	1657	52	147	917	118	239	622	244
Saturation Flow Module:												
Sat/Lane:	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900
Adjustment:	0.83	1.00	0.92	0.83	1.00	0.92	0.92	1.00	0.92	0.92	1.00	0.92
Lanes:	2.00	2.00	1.00	2.00	2.00	1.00	1.00	2.00	1.00	1.00	2.00	1.00
Final Sat.:	3150	3800	1750	3150	3800	1750	1750	3800	1750	1750	3800	1750
Capacity Analysis Module:												
Vol/Sat:	0.03	0.19	0.09	0.12	0.44	0.03	0.08	0.24	0.07	0.14	0.16	0.14
Crit Moves:	****				****			****		****		
Green Time:	7.0	40.2	58.7	25.7	58.9	76.3	17.3	32.6	39.6	18.5	33.7	59.5
Volume/Cap:	0.53	0.60	0.21	0.60	0.95	0.05	0.63	0.95	0.22	0.95	0.63	0.30
Delay/Veh:	62.6	38.4	21.3	48.6	46.3	11.1	58.0	66.4	33.4	99.1	43.3	22.0
User DelAdj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
AdjDel/Veh:	62.6	38.4	21.3	48.6	46.3	11.1	58.0	66.4	33.4	99.1	43.3	22.0
LOS by Move:	E	D+	C+	D	D	B+	E+	E	C-	F	D	C+
HCM2k95thQ:	6	22	8	16	58	2	13	38	7	21	19	12

Note: Queue reported is the number of cars per lane.

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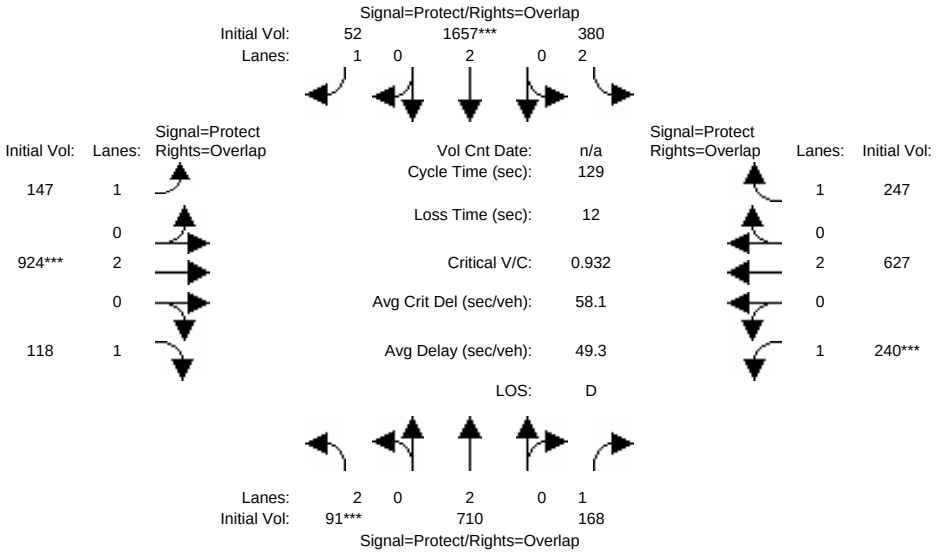
Milpitas Near-Term Cumulative Analysis

Level Of Service Computation Report
2000 HCM Operations (Future Volume Alternative)
Project PM

Intersection #27: N. 1st St / Tasman Dr



Street Name:	N 1st Street						Tasman Dr.					
Approach:	North Bound			South Bound			East Bound			West Bound		
Movement:	L - T - R			L - T - R			L - T - R			L - T - R		
Min. Green:	7	10	10	7	10	10	7	10	10	7	10	10
Volume Module:												
Base Vol:	91	710	166	376	1657	52	147	917	118	239	622	244
Growth Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Initial Bse:	91	710	166	376	1657	52	147	917	118	239	622	244
Added Vol:	0	0	2	4	0	0	0	7	0	1	5	3
PasserByVol:	0	0	0	0	0	0	0	0	0	0	0	0
Initial Fut:	91	710	168	380	1657	52	147	924	118	240	627	247
User Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
PHF Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
PHF Volume:	91	710	168	380	1657	52	147	924	118	240	627	247
Reduct Vol:	0	0	0	0	0	0	0	0	0	0	0	0
Reduced Vol:	91	710	168	380	1657	52	147	924	118	240	627	247
PCE Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
MLF Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
FinalVolume:	91	710	168	380	1657	52	147	924	118	240	627	247
Saturation Flow Module:												
Sat/Lane:	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900
Adjustment:	0.83	1.00	0.92	0.83	1.00	0.92	0.92	1.00	0.92	0.92	1.00	0.92
Lanes:	2.00	2.00	1.00	2.00	2.00	1.00	1.00	2.00	1.00	1.00	2.00	1.00
Final Sat.:	3150	3800	1750	3150	3800	1750	1750	3800	1750	1750	3800	1750
Capacity Analysis Module:												
Vol/Sat:	0.03	0.19	0.10	0.12	0.44	0.03	0.08	0.24	0.07	0.14	0.17	0.14
Crit Moves:	****				****			****		****		
Green Time:	7.0	40.0	58.4	25.8	58.8	76.0	17.3	32.8	39.8	18.5	34.0	59.8
Volume/Cap:	0.53	0.60	0.21	0.60	0.96	0.05	0.63	0.96	0.22	0.96	0.63	0.30
Delay/Veh:	62.6	38.7	21.5	48.6	46.9	11.2	58.1	66.8	33.3	99.8	43.2	21.9
User DelAdj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
AdjDel/Veh:	62.6	38.7	21.5	48.6	46.9	11.2	58.1	66.8	33.3	99.8	43.2	21.9
LOS by Move:	E	D+	C+	D	D	B+	E+	E	C-	F	D	C+
HCM2k95thQ:	6	22	8	17	58	2	13	38	7	22	20	12

Note: Queue reported is the number of cars per lane.

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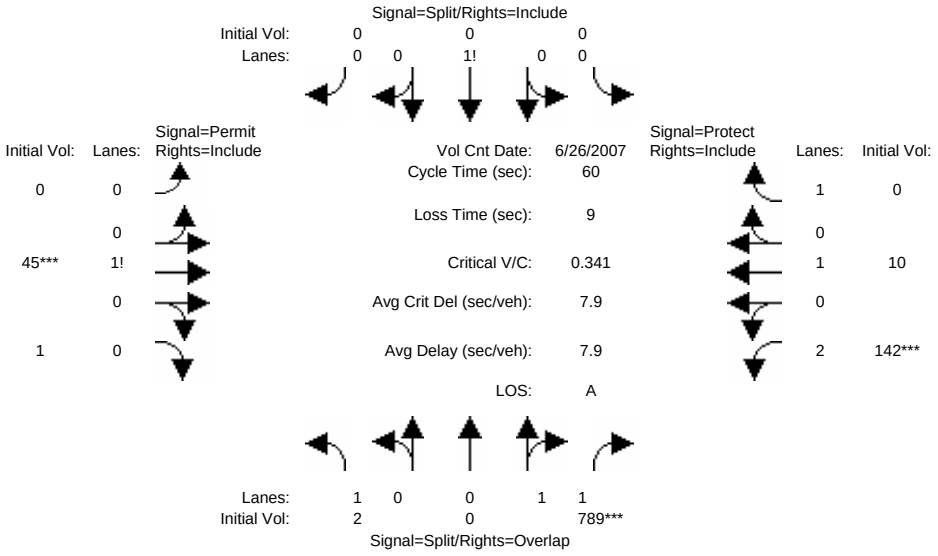
Milpitas Near-Term Cumulative Analysis

Level Of Service Computation Report
2000 HCM Operations (Future Volume Alternative)
Existing PM

Intersection #101: Dixon Landing Rd. & McCarthy Blvd.



Street Name:	McCarthy Blvd.						Dixon Landing Rd.					
Approach:	North Bound			South Bound			East Bound			West Bound		
Movement:	L	T	R	L	T	R	L	T	R	L	T	R
Min. Green:	10	0	10	10	10	10	10	10	10	7	10	10
Volume Module: >> Count Date: 26 Jun 2007 << 4-6pm												
Base Vol:	2	0	789	0	0	0	0	45	1	142	10	0
Growth Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Initial Bse:	2	0	789	0	0	0	0	45	1	142	10	0
Added Vol:	0	0	0	0	0	0	0	0	0	0	0	0
PasserByVol:	0	0	0	0	0	0	0	0	0	0	0	0
Initial Fut:	2	0	789	0	0	0	0	45	1	142	10	0
User Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
PHF Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
PHF Volume:	2	0	789	0	0	0	0	45	1	142	10	0
Reduct Vol:	0	0	0	0	0	0	0	0	0	0	0	0
Reduced Vol:	2	0	789	0	0	0	0	45	1	142	10	0
PCE Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
MLF Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
FinalVolume:	2	0	789	0	0	0	0	45	1	142	10	0
Saturation Flow Module:												
Sat/Lane:	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900
Adjustment:	0.92	1.00	0.95	0.92	0.92	0.92	0.92	0.95	0.95	0.83	1.00	0.92
Lanes:	1.00	0.00	2.00	0.00	1.00	0.00	0.00	0.98	0.02	2.00	1.00	1.00
Final Sat.:	1750	0	3600	0	1750	0	0	1761	39	3150	1900	1750
Capacity Analysis Module:												
Vol/Sat:	0.00	0.00	0.22	0.00	0.00	0.00	0.00	0.03	0.03	0.05	0.01	0.00
Crit Moves:			****					****		****		
Green Time:	34.0	0.0	41.0	0.0	0.0	0.0	0.0	10.0	10.0	7.0	17.0	0.0
Volume/Cap:	0.00	0.00	0.32	0.00	0.00	0.00	0.00	0.15	0.15	0.39	0.02	0.00
Delay/Veh:	5.6	0.0	3.9	0.0	0.0	0.0	0.0	21.6	21.6	25.2	15.5	0.0
User DelAdj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
AdjDel/Veh:	5.6	0.0	3.9	0.0	0.0	0.0	0.0	21.6	21.6	25.2	15.5	0.0
LOS by Move:	A	A	A	A	A	A	A	C+	C+	C	B	A
HCM2k95thQ:	0	0	7	0	0	0	0	2	2	3	0	0

Note: Queue reported is the number of cars per lane.

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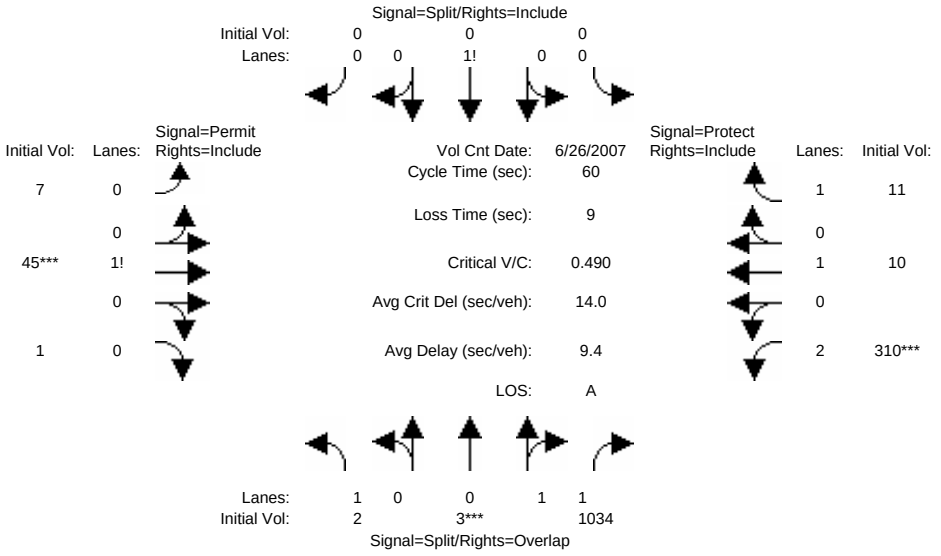
Milpitas Near-Term Cumulative Analysis

Level Of Service Computation Report
2000 HCM Operations (Future Volume Alternative)
Background PM

Intersection #101: Dixon Landing Rd. & McCarthy Blvd.



Street Name:	McCarthy Blvd.						Dixon Landing Rd.					
Approach:	North Bound			South Bound			East Bound			West Bound		
Movement:	L -	T -	R	L -	T -	R	L -	T -	R	L -	T -	R
Min. Green:	10	0	10	10	10	10	10	10	10	7	10	10
Volume Module: >> Count Date: 26 Jun 2007 << 4-6pm												
Base Vol:	2	0	789	0	0	0	0	45	1	142	10	0
Growth Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Initial Bse:	2	0	789	0	0	0	0	45	1	142	10	0
Added Vol:	0	0	0	0	0	0	0	0	0	0	0	0
ATI:	0	3	245	0	0	0	7	0	0	168	0	11
Initial Fut:	2	3	1034	0	0	0	7	45	1	310	10	11
User Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
PHF Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
PHF Volume:	2	3	1034	0	0	0	7	45	1	310	10	11
Reduct Vol:	0	0	0	0	0	0	0	0	0	0	0	0
Reduced Vol:	2	3	1034	0	0	0	7	45	1	310	10	11
PCE Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
MLF Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
FinalVolume:	2	3	1034	0	0	0	7	45	1	310	10	11
Saturation Flow Module:												
Sat/Lane:	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900
Adjustment:	0.92	0.95	0.95	0.92	0.92	0.92	0.92	0.92	0.92	0.83	1.00	0.92
Lanes:	1.00	0.01	1.99	0.00	1.00	0.00	0.13	0.85	0.02	2.00	1.00	1.00
Final Sat.:	1750	10	3590	0	1750	0	231	1486	33	3150	1900	1750
Capacity Analysis Module:												
Vol/Sat:	0.00	0.29	0.29	0.00	0.00	0.00	0.03	0.03	0.03	0.10	0.01	0.01
Crit Moves:		****						****		****		
Green Time:	30.6	30.6	41.0	0.0	0.0	0.0	10.0	10.0	10.0	10.4	20.4	20.4
Volume/Cap:	0.00	0.57	0.42	0.00	0.00	0.00	0.18	0.18	0.18	0.57	0.02	0.02
Delay/Veh:	7.2	10.6	4.3	0.0	0.0	0.0	21.8	21.8	21.8	24.1	13.1	13.1
User DelAdj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
AdjDel/Veh:	7.2	10.6	4.3	0.0	0.0	0.0	21.8	21.8	21.8	24.1	13.1	13.1
LOS by Move:	A	B+	A	A	A	A	C+	C+	C+	C	B	B
HCM2k95thQ:	0	14	9	0	0	0	2	2	2	6	0	0

Note: Queue reported is the number of cars per lane.

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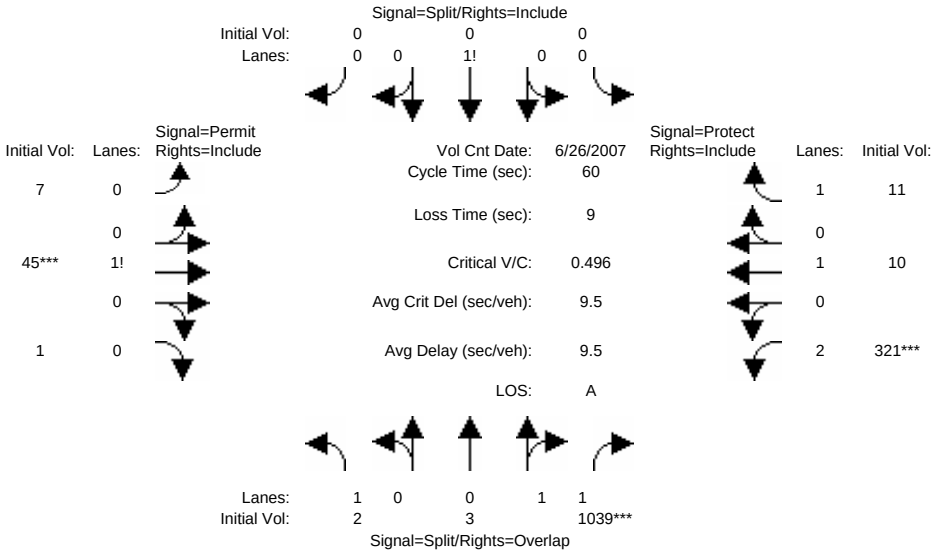
Milpitas Near-Term Cumulative Analysis

Level Of Service Computation Report
2000 HCM Operations (Future Volume Alternative)
Project PM

Intersection #101: Dixon Landing Rd. & McCarthy Blvd.



Street Name:	McCarthy Blvd.						Dixon Landing Rd.					
Approach:	North Bound			South Bound			East Bound			West Bound		
Movement:	L -	T -	R	L -	T -	R	L -	T -	R	L -	T -	R
Min. Green:	10	0	10	10	10	10	10	10	10	7	10	10
Volume Module: >> Count Date: 26 Jun 2007 << 4-6pm												
Base Vol:	2	3	1034	0	0	0	7	45	1	310	10	11
Growth Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Initial Bse:	2	3	1034	0	0	0	7	45	1	310	10	11
Added Vol:	0	0	5	0	0	0	0	0	0	11	0	0
PasserByVol:	0	0	0	0	0	0	0	0	0	0	0	0
Initial Fut:	2	3	1039	0	0	0	7	45	1	321	10	11
User Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
PHF Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
PHF Volume:	2	3	1039	0	0	0	7	45	1	321	10	11
Reduct Vol:	0	0	0	0	0	0	0	0	0	0	0	0
Reduced Vol:	2	3	1039	0	0	0	7	45	1	321	10	11
PCE Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
MLF Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
FinalVolume:	2	3	1039	0	0	0	7	45	1	321	10	11
Saturation Flow Module:												
Sat/Lane:	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900
Adjustment:	0.92	0.95	0.95	0.92	0.92	0.92	0.92	0.92	0.92	0.83	1.00	0.92
Lanes:	1.00	0.01	1.99	0.00	1.00	0.00	0.13	0.85	0.02	2.00	1.00	1.00
Final Sat.:	1750	10	3590	0	1750	0	231	1486	33	3150	1900	1750
Capacity Analysis Module:												
Vol/Sat:	0.00	0.29	0.29	0.00	0.00	0.00	0.03	0.03	0.03	0.10	0.01	0.01
Crit Moves:			****					****		****		
Green Time:	30.3	30.3	41.0	0.0	0.0	0.0	10.0	10.0	10.0	10.7	20.7	20.7
Volume/Cap:	0.00	0.57	0.42	0.00	0.00	0.00	0.18	0.18	0.18	0.57	0.02	0.02
Delay/Veh:	7.3	10.8	4.4	0.0	0.0	0.0	21.8	21.8	21.8	24.0	13.0	13.0
User DelAdj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
AdjDel/Veh:	7.3	10.8	4.4	0.0	0.0	0.0	21.8	21.8	21.8	24.0	13.0	13.0
LOS by Move:	A	B+	A	A	A	A	C+	C+	C+	C	B	B
HCM2k95thQ:	0	15	9	0	0	0	2	2	2	7	0	0

Note: Queue reported is the number of cars per lane.

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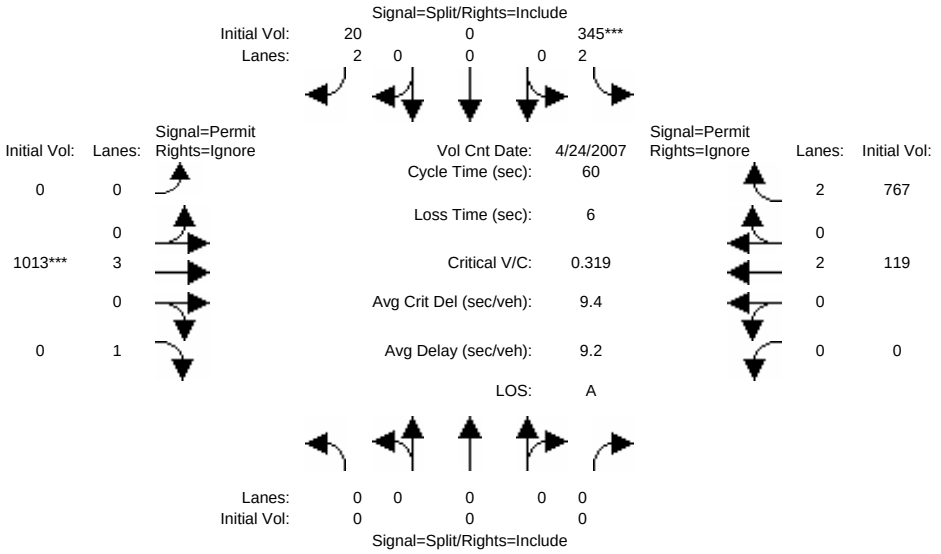
Milpitas Near-Term Cumulative Analysis

Level Of Service Computation Report
2000 HCM Operations (Future Volume Alternative)
Existing PM

Intersection #102: Dixon Landing Rd. & I-880 SB Ramps



Street Name:	I-880 SB Ramps						Dixon Landing Rd.					
Approach:	North Bound			South Bound			East Bound			West Bound		
Movement:	L	T	R	L	T	R	L	T	R	L	T	R
Min. Green:	0	0	0	10	0	10	0	10	0	0	10	0
Volume Module: >> Count Date: 24 Apr 2007 << 4-6pm												
Base Vol:	0	0	0	345	0	20	0	1013	0	0	119	767
Growth Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Initial Bse:	0	0	0	345	0	20	0	1013	0	0	119	767
Added Vol:	0	0	0	0	0	0	0	0	0	0	0	0
PasserByVol:	0	0	0	0	0	0	0	0	0	0	0	0
Initial Fut:	0	0	0	345	0	20	0	1013	0	0	119	767
User Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	0.00	1.00	1.00	0.00
PHF Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	0.00	1.00	1.00	0.00
PHF Volume:	0	0	0	345	0	20	0	1013	0	0	119	0
Reduct Vol:	0	0	0	0	0	0	0	0	0	0	0	0
Reduced Vol:	0	0	0	345	0	20	0	1013	0	0	119	0
PCE Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	0.00	1.00	1.00	0.00
MLF Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	0.00	1.00	1.00	0.00
FinalVolume:	0	0	0	345	0	20	0	1013	0	0	119	0
Saturation Flow Module:												
Sat/Lane:	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900
Adjustment:	0.92	1.00	0.92	0.83	1.00	0.83	0.92	1.00	0.92	0.92	1.00	0.83
Lanes:	0.00	0.00	0.00	2.00	0.00	2.00	0.00	3.00	1.00	0.00	2.00	2.00
Final Sat.:	0	0	0	3150	0	3150	0	5700	1750	0	3800	3150
Capacity Analysis Module:												
Vol/Sat:	0.00	0.00	0.00	0.11	0.00	0.01	0.00	0.18	0.00	0.00	0.03	0.00
Crit Moves:				****				****				
Green Time:	0.0	0.0	0.0	20.6	0.0	20.6	0.0	33.4	0.0	0.0	33.4	0.0
Volume/Cap:	0.00	0.00	0.00	0.32	0.00	0.02	0.00	0.32	0.00	0.00	0.06	0.00
Delay/Veh:	0.0	0.0	0.0	15.3	0.0	13.1	0.0	7.4	0.0	0.0	6.1	0.0
User DelAdj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
AdjDel/Veh:	0.0	0.0	0.0	15.3	0.0	13.1	0.0	7.4	0.0	0.0	6.1	0.0
LOS by Move:	A	A	A	B	A	B	A	A	A	A	A	A
HCM2k95thQ:	0	0	0	6	0	0	0	7	0	0	1	0

Note: Queue reported is the number of cars per lane.

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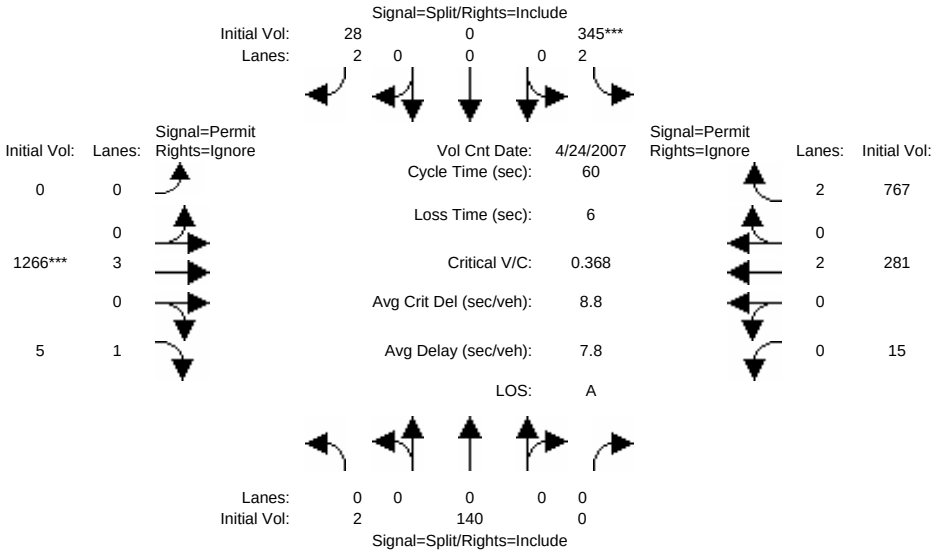
Milpitas Near-Term Cumulative Analysis

Level Of Service Computation Report
2000 HCM Operations (Future Volume Alternative)
Background PM

Intersection #102: Dixon Landing Rd. & I-880 SB Ramps



Street Name:	I-880 SB Ramps						Dixon Landing Rd.					
Approach:	North Bound			South Bound			East Bound			West Bound		
Movement:	L	T	R	L	T	R	L	T	R	L	T	R
Min. Green:	0	0	0	10	0	10	0	10	0	0	10	0
Volume Module: >> Count Date: 24 Apr 2007 << 4-6pm												
Base Vol:	0	0	0	345	0	20	0	1013	0	0	119	767
Growth Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Initial Bse:	0	0	0	345	0	20	0	1013	0	0	119	767
Added Vol:	0	0	0	0	0	0	0	0	0	0	0	0
ATI:	2	140	0	0	0	8	0	253	5	15	162	0
Initial Fut:	2	140	0	345	0	28	0	1266	5	15	281	767
User Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	0.00	1.00	1.00	0.00
PHF Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	0.00	1.00	1.00	0.00
PHF Volume:	2	140	0	345	0	28	0	1266	0	15	281	0
Reduct Vol:	0	0	0	0	0	0	0	0	0	0	0	0
Reduced Vol:	2	140	0	345	0	28	0	1266	0	15	281	0
PCE Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	0.00	1.00	1.00	0.00
MLF Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	0.00	1.00	1.00	0.00
FinalVolume:	2	140	0	345	0	28	0	1266	0	15	281	0
Saturation Flow Module:												
Sat/Lane:	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900
Adjustment:	0.92	1.00	0.92	0.83	1.00	0.83	0.92	1.00	0.92	0.95	0.98	0.83
Lanes:	0.00	0.00	0.00	2.00	0.00	2.00	0.00	3.00	1.00	0.10	1.90	2.00
Final Sat.:	0	0	0	3150	0	3150	0	5700	1750	187	3512	3150
Capacity Analysis Module:												
Vol/Sat:	xxxx	xxxx	0.00	0.11	0.00	0.01	0.00	0.22	0.00	0.08	0.08	0.00
Crit Moves:				****				****				
Green Time:	0.0	0.0	0.0	17.8	0.0	17.8	0.0	36.2	0.0	36.2	36.2	0.0
Volume/Cap:	xxxx	xxxx	0.00	0.37	0.00	0.03	0.00	0.37	0.00	0.13	0.13	0.00
Delay/Veh:	0.0	0.0	0.0	17.8	0.0	15.0	0.0	6.4	0.0	5.3	5.3	0.0
User DelAdj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
AdjDel/Veh:	0.0	0.0	0.0	17.8	0.0	15.0	0.0	6.4	0.0	5.3	5.3	0.0
LOS by Move:	A	A	A	B	A	B	A	A	A	A	A	A
HCM2k95thQ:	0	5	0	7	0	1	0	8	0	3	3	0

Note: Queue reported is the number of cars per lane.

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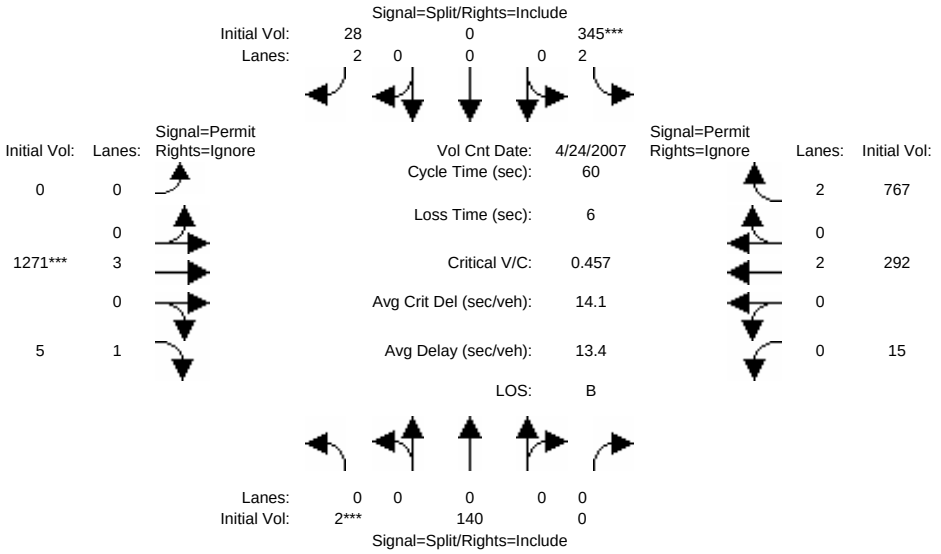
Milpitas Near-Term Cumulative Analysis

Level Of Service Computation Report
2000 HCM Operations (Future Volume Alternative)
Project PM

Intersection #102: Dixon Landing Rd. & I-880 SB Ramps



Street Name:	I-880 SB Ramps						Dixon Landing Rd.					
Approach:	North Bound			South Bound			East Bound			West Bound		
Movement:	L - T - R			L - T - R			L - T - R			L - T - R		
Min. Green:	0	0	0	10	0	10	0	10	0	0	10	0
Volume Module: >> Count Date: 24 Apr 2007 << 4-6pm												
Base Vol:	2	140	0	345	0	28	0	1266	5	15	281	767
Growth Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Initial Bse:	2	140	0	345	0	28	0	1266	5	15	281	767
Added Vol:	0	0	0	0	0	0	0	5	0	0	11	0
PasserByVol:	0	0	0	0	0	0	0	0	0	0	0	0
Initial Fut:	2	140	0	345	0	28	0	1271	5	15	292	767
User Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	0.00	1.00	1.00	0.00
PHF Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	0.00	1.00	1.00	0.00
PHF Volume:	2	140	0	345	0	28	0	1271	0	15	292	0
Reduct Vol:	0	0	0	0	0	0	0	0	0	0	0	0
Reduced Vol:	2	140	0	345	0	28	0	1271	0	15	292	0
PCE Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	0.00	1.00	1.00	0.00
MLF Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	0.00	1.00	1.00	0.00
FinalVolume:	2	140	0	345	0	28	0	1271	0	15	292	0
Saturation Flow Module:												
Sat/Lane:	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900
Adjustment:	0.95	0.95	0.92	0.83	1.00	0.83	0.92	1.00	0.92	0.95	0.98	0.83
Lanes:	0.01	0.99	0.00	2.00	0.00	2.00	0.00	3.00	1.00	0.10	1.90	2.00
Final Sat.:	25	1775	0	3150	0	3150	0	5700	1750	181	3519	3150
Capacity Analysis Module:												
Vol/Sat:	0.08	0.08	0.00	0.11	0.00	0.01	0.00	0.22	0.00	0.08	0.08	0.00
Crit Moves:	****			****				****				
Green Time:	10.4	10.4	0.0	14.4	0.0	14.4	0.0	29.3	0.0	29.3	29.3	0.0
Volume/Cap:	0.46	0.46	0.00	0.46	0.00	0.04	0.00	0.46	0.00	0.17	0.17	0.00
Delay/Veh:	27.1	27.1	0.0	21.5	0.0	17.6	0.0	10.7	0.0	8.8	8.8	0.0
User DelAdj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
AdjDel/Veh:	27.1	27.1	0.0	21.5	0.0	17.6	0.0	10.7	0.0	8.8	8.8	0.0
LOS by Move:	C	C	A	C+	A	B	A	B+	A	A	A	A
HCM2k95thQ:	7	7	0	8	0	1	0	10	0	4	4	0

Note: Queue reported is the number of cars per lane.

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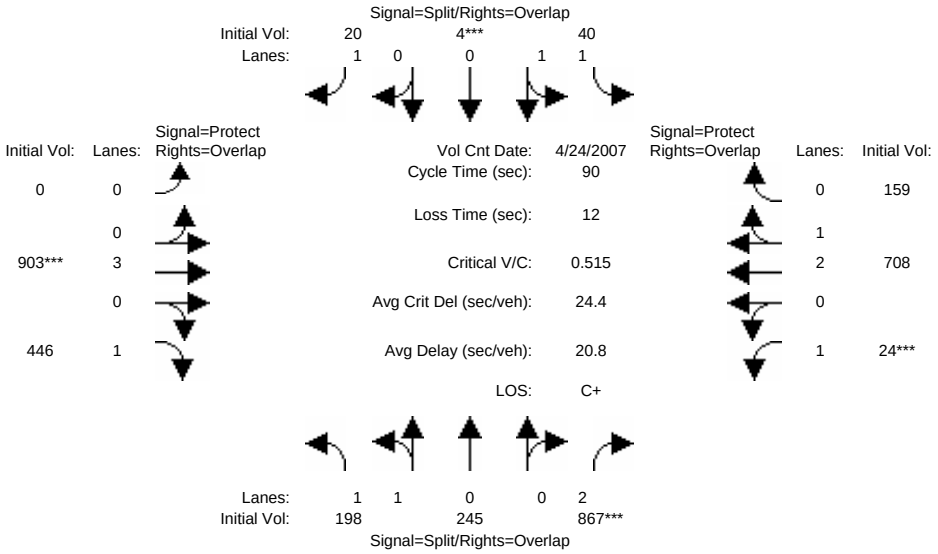
Level Of Service Computation Report
2000 HCM Operations (Future Volume Alternative)
Existing PM

Intersection #103: Dixon Landing Rd. & I-880 NB Ramps



Street Name:	I-880 NB Ramps						Dixon Landing Rd.					
Approach:	North Bound			South Bound			East Bound			West Bound		
Movement:	L -	T -	R	L -	T -	R	L -	T -	R	L -	T -	R
Min. Green:	10	10	10	10	10	10	0	10	10	7	10	10
Volume Module: >> Count Date: 24 Apr 2007 <<												
Base Vol:	198	245	867	40	4	20	0	903	446	24	708	159
Growth Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Initial Bse:	198	245	867	40	4	20	0	903	446	24	708	159
Added Vol:	0	0	0	0	0	0	0	0	0	0	0	0
PasserByVol:	0	0	0	0	0	0	0	0	0	0	0	0
Initial Fut:	198	245	867	40	4	20	0	903	446	24	708	159
User Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
PHF Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
PHF Volume:	198	245	867	40	4	20	0	903	446	24	708	159
Reduct Vol:	0	0	0	0	0	0	0	0	0	0	0	0
Reduced Vol:	198	245	867	40	4	20	0	903	446	24	708	159
PCE Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
MLF Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
FinalVolume:	198	245	867	40	4	20	0	903	446	24	708	159
Saturation Flow Module:												
Sat/Lane:	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900
Adjustment:	0.92	1.00	0.83	0.93	0.95	0.92	0.92	1.00	0.92	0.92	0.99	0.95
Lanes:	1.00	1.00	2.00	1.82	0.18	1.00	0.00	3.00	1.00	1.00	2.43	0.57
Final Sat.:	1750	1900	3150	3227	323	1750	0	5700	1750	1750	4572	1027
Capacity Analysis Module:												
Vol/Sat:	0.11	0.13	0.28	0.01	0.01	0.01	0.00	0.16	0.25	0.01	0.15	0.15
Crit Moves:			****		****			****		****		
Green Time:	33.8	33.8	40.8	10.0	10.0	10.0	0.0	27.2	61.0	7.0	34.2	44.2
Volume/Cap:	0.30	0.34	0.61	0.11	0.11	0.10	0.00	0.53	0.38	0.18	0.41	0.32
Delay/Veh:	20.3	20.8	20.4	36.6	36.6	37.0	0.0	27.2	7.2	41.6	21.1	14.1
User DelAdj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
AdjDel/Veh:	20.3	20.8	20.4	36.6	36.6	37.0	0.0	27.2	7.2	41.6	21.1	14.1
LOS by Move:	C+	C+	C+	D+	D+	D+	A	C	A	D	C+	B
HCM2k95thQ:	8	10	19	2	2	1	0	13	11	2	11	10

Note: Queue reported is the number of cars per lane.

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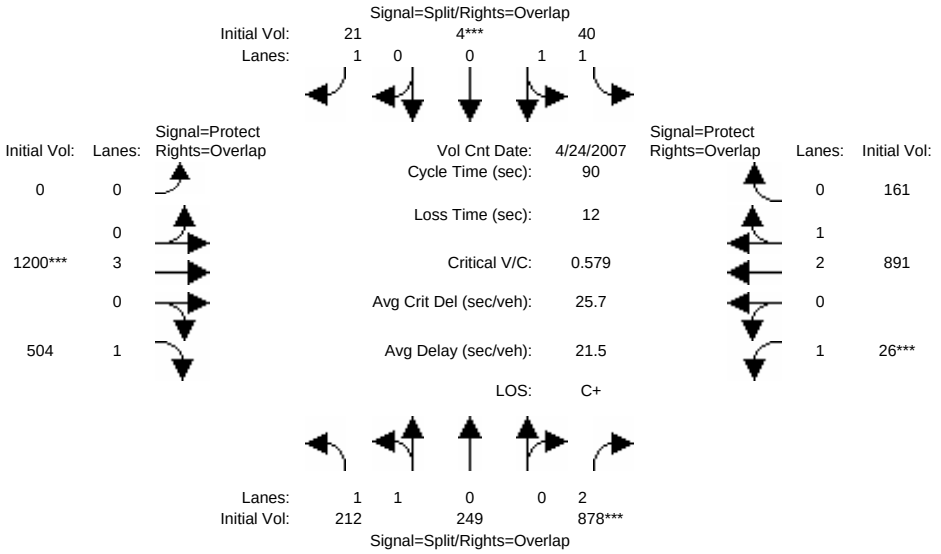
Level Of Service Computation Report
2000 HCM Operations (Future Volume Alternative)
Background PM

Intersection #103: Dixon Landing Rd. & I-880 NB Ramps



Street Name:	I-880 NB Ramps						Dixon Landing Rd.					
Approach:	North Bound			South Bound			East Bound			West Bound		
Movement:	L -	T -	R	L -	T -	R	L -	T -	R	L -	T -	R
Min. Green:	10	10	10	10	10	10	0	10	10	7	10	10
Volume Module: >> Count Date: 24 Apr 2007 <<												
Base Vol:	198	245	867	40	4	20	0	903	446	24	708	159
Growth Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Initial Bse:	198	245	867	40	4	20	0	903	446	24	708	159
Added Vol:	0	0	0	0	0	0	0	0	0	0	0	0
ATI:	14	4	11	0	0	1	0	297	58	2	183	2
Initial Fut:	212	249	878	40	4	21	0	1200	504	26	891	161
User Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
PHF Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
PHF Volume:	212	249	878	40	4	21	0	1200	504	26	891	161
Reduct Vol:	0	0	0	0	0	0	0	0	0	0	0	0
Reduced Vol:	212	249	878	40	4	21	0	1200	504	26	891	161
PCE Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
MLF Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
FinalVolume:	212	249	878	40	4	21	0	1200	504	26	891	161
Saturation Flow Module:												
Sat/Lane:	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900
Adjustment:	0.92	1.00	0.83	0.93	0.95	0.92	0.92	1.00	0.92	0.92	0.99	0.95
Lanes:	1.00	1.00	2.00	1.82	0.18	1.00	0.00	3.00	1.00	1.00	2.52	0.48
Final Sat.:	1750	1900	3150	3227	323	1750	0	5700	1750	1750	4742	857
Capacity Analysis Module:												
Vol/Sat:	0.12	0.13	0.28	0.01	0.01	0.01	0.00	0.21	0.29	0.01	0.19	0.19
Crit Moves:			****		****			****		****		
Green Time:	29.8	29.8	36.8	10.0	10.0	10.0	0.0	31.2	61.0	7.0	38.2	48.2
Volume/Cap:	0.37	0.40	0.68	0.11	0.11	0.11	0.00	0.61	0.42	0.19	0.44	0.35
Delay/Veh:	23.7	24.2	24.7	36.6	36.6	37.1	0.0	25.7	7.7	41.9	18.9	12.3
User DelAdj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
AdjDel/Veh:	23.7	24.2	24.7	36.6	36.6	37.1	0.0	25.7	7.7	41.9	18.9	12.3
LOS by Move:	C	C	C	D+	D+	D+	A	C	A	D	B-	B
HCM2k95thQ:	10	10	21	2	2	2	0	17	13	2	13	11

Note: Queue reported is the number of cars per lane.

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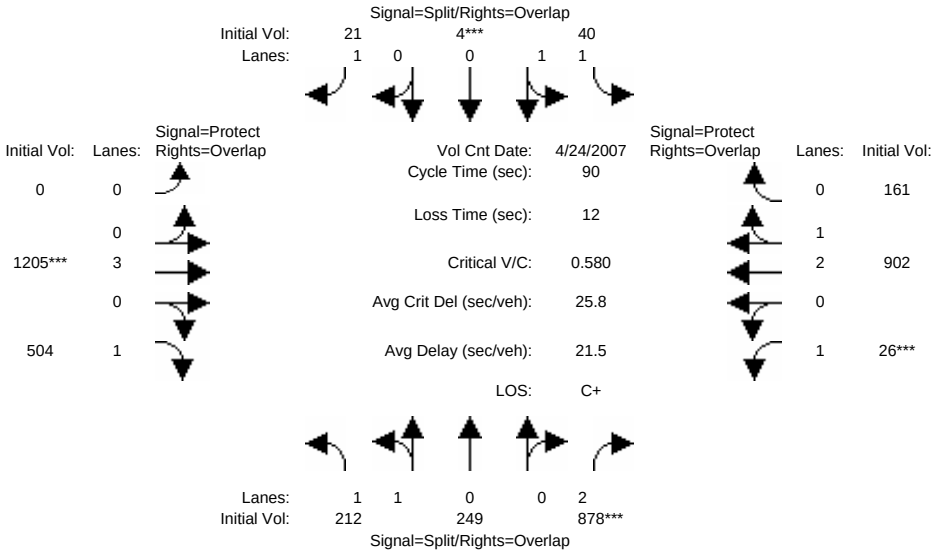
Level Of Service Computation Report
2000 HCM Operations (Future Volume Alternative)
Project PM

Intersection #103: Dixon Landing Rd. & I-880 NB Ramps



Street Name:	I-880 NB Ramps						Dixon Landing Rd.					
Approach:	North Bound			South Bound			East Bound			West Bound		
Movement:	L	T	R	L	T	R	L	T	R	L	T	R
Min. Green:	10	10	10	10	10	10	0	10	10	7	10	10
Volume Module: >> Count Date: 24 Apr 2007 <<												
Base Vol:	212	249	878	40	4	21	0	1200	504	26	891	161
Growth Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Initial Bse:	212	249	878	40	4	21	0	1200	504	26	891	161
Added Vol:	0	0	0	0	0	0	0	5	0	0	11	0
PasserByVol:	0	0	0	0	0	0	0	0	0	0	0	0
Initial Fut:	212	249	878	40	4	21	0	1205	504	26	902	161
User Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
PHF Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
PHF Volume:	212	249	878	40	4	21	0	1205	504	26	902	161
Reduct Vol:	0	0	0	0	0	0	0	0	0	0	0	0
Reduced Vol:	212	249	878	40	4	21	0	1205	504	26	902	161
PCE Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
MLF Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
FinalVolume:	212	249	878	40	4	21	0	1205	504	26	902	161
Saturation Flow Module:												
Sat/Lane:	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900
Adjustment:	0.92	1.00	0.83	0.93	0.95	0.92	0.92	1.00	0.92	0.92	0.99	0.95
Lanes:	1.00	1.00	2.00	1.82	0.18	1.00	0.00	3.00	1.00	1.00	2.53	0.47
Final Sat.:	1750	1900	3150	3227	323	1750	0	5700	1750	1750	4751	848
Capacity Analysis Module:												
Vol/Sat:	0.12	0.13	0.28	0.01	0.01	0.01	0.00	0.21	0.29	0.01	0.19	0.19
Crit Moves:			****		****			****		****		
Green Time:	29.7	29.7	36.7	10.0	10.0	10.0	0.0	31.3	61.0	7.0	38.3	48.3
Volume/Cap:	0.37	0.40	0.68	0.11	0.11	0.11	0.00	0.61	0.42	0.19	0.45	0.35
Delay/Veh:	23.8	24.2	24.8	36.6	36.6	37.1	0.0	25.7	7.7	41.9	19.0	12.3
User DelAdj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
AdjDel/Veh:	23.8	24.2	24.8	36.6	36.6	37.1	0.0	25.7	7.7	41.9	19.0	12.3
LOS by Move:	C	C	C	D+	D+	D+	A	C	A	D	B-	B
HCM2k95thQ:	10	10	21	2	2	2	0	17	13	2	13	11

Note: Queue reported is the number of cars per lane.

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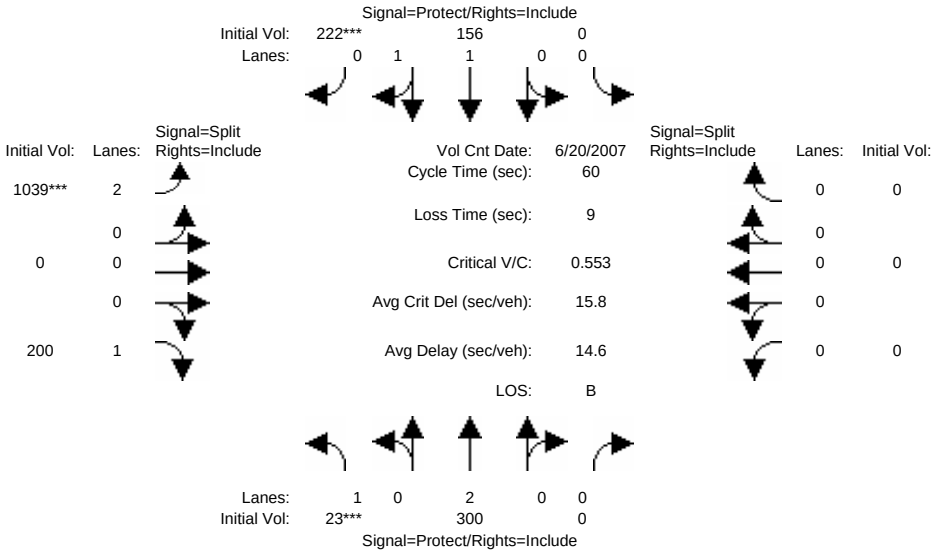
Milpitas Near-Term Cumulative Analysis

Level Of Service Computation Report
2000 HCM Operations (Future Volume Alternative)
Existing PM

Intersection #104: California Circle & I-880 NB Ramps



Street Name:	California Circle						I-880 NB Ramps					
Approach:	North Bound			South Bound			East Bound			West Bound		
Movement:	L	T	R	L	T	R	L	T	R	L	T	R
Min. Green:	7	10	0	0	10	10	10	0	10	0	0	0
Volume Module: >> Count Date: 20 Jun 2007 << 4-6pm												
Base Vol:	23	300	0	0	156	222	1039	0	200	0	0	0
Growth Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Initial Bse:	23	300	0	0	156	222	1039	0	200	0	0	0
Added Vol:	0	0	0	0	0	0	0	0	0	0	0	0
PasserByVol:	0	0	0	0	0	0	0	0	0	0	0	0
Initial Fut:	23	300	0	0	156	222	1039	0	200	0	0	0
User Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
PHF Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
PHF Volume:	23	300	0	0	156	222	1039	0	200	0	0	0
Reduct Vol:	0	0	0	0	0	0	0	0	0	0	0	0
Reduced Vol:	23	300	0	0	156	222	1039	0	200	0	0	0
PCE Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
MLF Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
FinalVolume:	23	300	0	0	156	222	1039	0	200	0	0	0
Saturation Flow Module:												
Sat/Lane:	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900
Adjustment:	0.92	1.00	0.92	0.92	1.00	0.92	0.83	1.00	0.92	0.92	1.00	0.92
Lanes:	1.00	2.00	0.00	0.00	1.00	1.00	2.00	0.00	1.00	0.00	0.00	0.00
Final Sat.:	1750	3800	0	0	1900	1750	3150	0	1750	0	0	0
Capacity Analysis Module:												
Vol/Sat:	0.01	0.08	0.00	0.00	0.08	0.13	0.33	0.00	0.11	0.00	0.00	0.00
Crit Moves:	****					****	****					
Green Time:	7.0	19.2	0.0	0.0	12.2	12.2	31.8	0.0	31.8	0.0	0.0	0.0
Volume/Cap:	0.11	0.25	0.00	0.00	0.40	0.62	0.62	0.00	0.22	0.00	0.00	0.00
Delay/Veh:	24.8	15.5	0.0	0.0	22.0	26.5	11.7	0.0	8.0	0.0	0.0	0.0
User DelAdj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
AdjDel/Veh:	24.8	15.5	0.0	0.0	22.0	26.5	11.7	0.0	8.0	0.0	0.0	0.0
LOS by Move:	C	B	A	A	C+	C	B+	A	A	A	A	A
HCM2k95thQ:	1	5	0	0	6	9	15	0	5	0	0	0

Note: Queue reported is the number of cars per lane.

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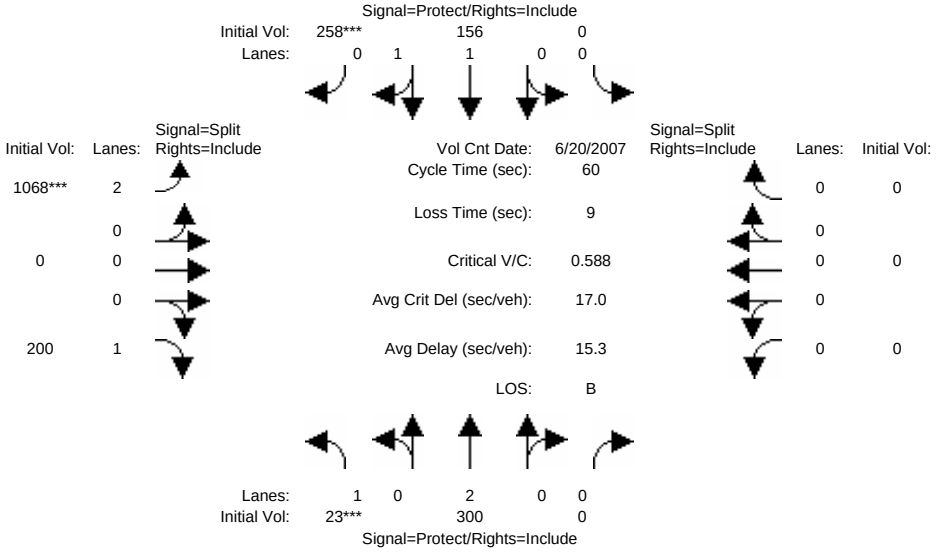
Milpitas Near-Term Cumulative Analysis

Level Of Service Computation Report
2000 HCM Operations (Future Volume Alternative)
Background PM

Intersection #104: California Circle & I-880 NB Ramps



Street Name:	California Circle						I-880 NB Ramps					
Approach:	North Bound			South Bound			East Bound			West Bound		
Movement:	L	T	R	L	T	R	L	T	R	L	T	R
Min. Green:	7	10	0	0	10	10	10	0	10	0	0	0
Volume Module: >> Count Date: 20 Jun 2007 << 4-6pm												
Base Vol:	23	300	0	0	156	222	1039	0	200	0	0	0
Growth Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Initial Bse:	23	300	0	0	156	222	1039	0	200	0	0	0
Added Vol:	0	0	0	0	0	0	0	0	0	0	0	0
ATI:	0	0	0	0	0	36	29	0	0	0	0	0
Initial Fut:	23	300	0	0	156	258	1068	0	200	0	0	0
User Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
PHF Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
PHF Volume:	23	300	0	0	156	258	1068	0	200	0	0	0
Reduct Vol:	0	0	0	0	0	0	0	0	0	0	0	0
Reduced Vol:	23	300	0	0	156	258	1068	0	200	0	0	0
PCE Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
MLF Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
FinalVolume:	23	300	0	0	156	258	1068	0	200	0	0	0
Saturation Flow Module:												
Sat/Lane:	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900
Adjustment:	0.92	1.00	0.92	0.92	1.00	0.92	0.83	1.00	0.92	0.92	1.00	0.92
Lanes:	1.00	2.00	0.00	0.00	1.00	1.00	2.00	0.00	1.00	0.00	0.00	0.00
Final Sat.:	1750	3800	0	0	1900	1750	3150	0	1750	0	0	0
Capacity Analysis Module:												
Vol/Sat:	0.01	0.08	0.00	0.00	0.08	0.15	0.34	0.00	0.11	0.00	0.00	0.00
Crit Moves:	****					****	****					
Green Time:	7.0	20.3	0.0	0.0	13.3	13.3	30.7	0.0	30.7	0.0	0.0	0.0
Volume/Cap:	0.11	0.23	0.00	0.00	0.37	0.66	0.66	0.00	0.22	0.00	0.00	0.00
Delay/Veh:	24.8	14.7	0.0	0.0	20.7	26.8	13.0	0.0	8.7	0.0	0.0	0.0
User DelAdj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
AdjDel/Veh:	24.8	14.7	0.0	0.0	20.7	26.8	13.0	0.0	8.7	0.0	0.0	0.0
LOS by Move:	C	B	A	A	C+	C	B	A	A	A	A	A
HCM2k95thQ:	1	5	0	0	5	10	17	0	5	0	0	0

Note: Queue reported is the number of cars per lane.

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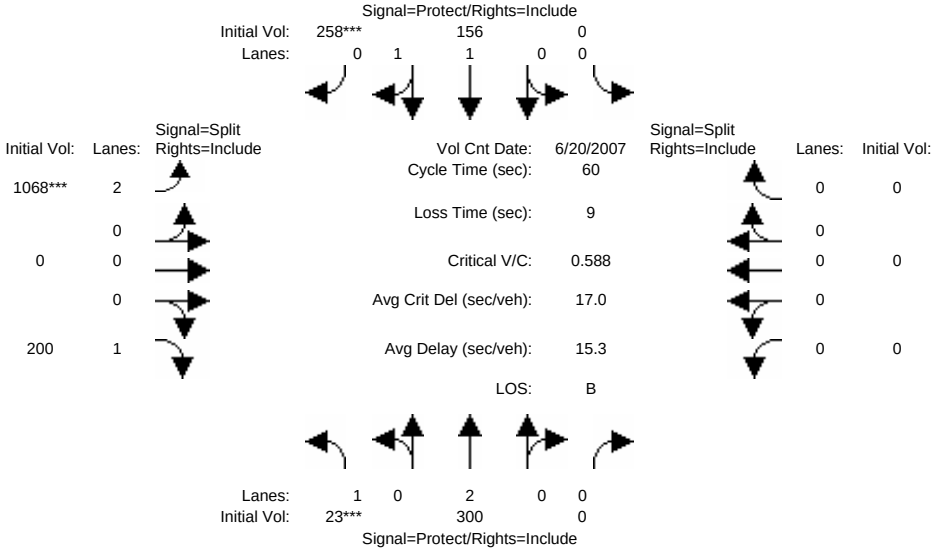
Milpitas Near-Term Cumulative Analysis

Level Of Service Computation Report
2000 HCM Operations (Future Volume Alternative)
Project PM

Intersection #104: California Circle & I-880 NB Ramps



Street Name:	California Circle						I-880 NB Ramps					
Approach:	North Bound			South Bound			East Bound			West Bound		
Movement:	L	T	R	L	T	R	L	T	R	L	T	R
Min. Green:	7	10	0	0	10	10	10	0	10	0	0	0
Volume Module: >> Count Date: 20 Jun 2007 << 4-6pm												
Base Vol:	23	300	0	0	156	258	1068	0	200	0	0	0
Growth Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Initial Bse:	23	300	0	0	156	258	1068	0	200	0	0	0
Added Vol:	0	0	0	0	0	0	0	0	0	0	0	0
PasserByVol:	0	0	0	0	0	0	0	0	0	0	0	0
Initial Fut:	23	300	0	0	156	258	1068	0	200	0	0	0
User Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
PHF Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
PHF Volume:	23	300	0	0	156	258	1068	0	200	0	0	0
Reduct Vol:	0	0	0	0	0	0	0	0	0	0	0	0
Reduced Vol:	23	300	0	0	156	258	1068	0	200	0	0	0
PCE Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
MLF Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
FinalVolume:	23	300	0	0	156	258	1068	0	200	0	0	0
Saturation Flow Module:												
Sat/Lane:	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900
Adjustment:	0.92	1.00	0.92	0.92	1.00	0.92	0.83	1.00	0.92	0.92	1.00	0.92
Lanes:	1.00	2.00	0.00	0.00	1.00	1.00	2.00	0.00	1.00	0.00	0.00	0.00
Final Sat.:	1750	3800	0	0	1900	1750	3150	0	1750	0	0	0
Capacity Analysis Module:												
Vol/Sat:	0.01	0.08	0.00	0.00	0.08	0.15	0.34	0.00	0.11	0.00	0.00	0.00
Crit Moves:	****					****	****					
Green Time:	7.0	20.3	0.0	0.0	13.3	13.3	30.7	0.0	30.7	0.0	0.0	0.0
Volume/Cap:	0.11	0.23	0.00	0.00	0.37	0.66	0.66	0.00	0.22	0.00	0.00	0.00
Delay/Veh:	24.8	14.7	0.0	0.0	20.7	26.8	13.0	0.0	8.7	0.0	0.0	0.0
User DelAdj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
AdjDel/Veh:	24.8	14.7	0.0	0.0	20.7	26.8	13.0	0.0	8.7	0.0	0.0	0.0
LOS by Move:	C	B	A	A	C+	C	B	A	A	A	A	A
HCM2k95thQ:	1	5	0	0	5	10	16	0	5	0	0	0

Note: Queue reported is the number of cars per lane.

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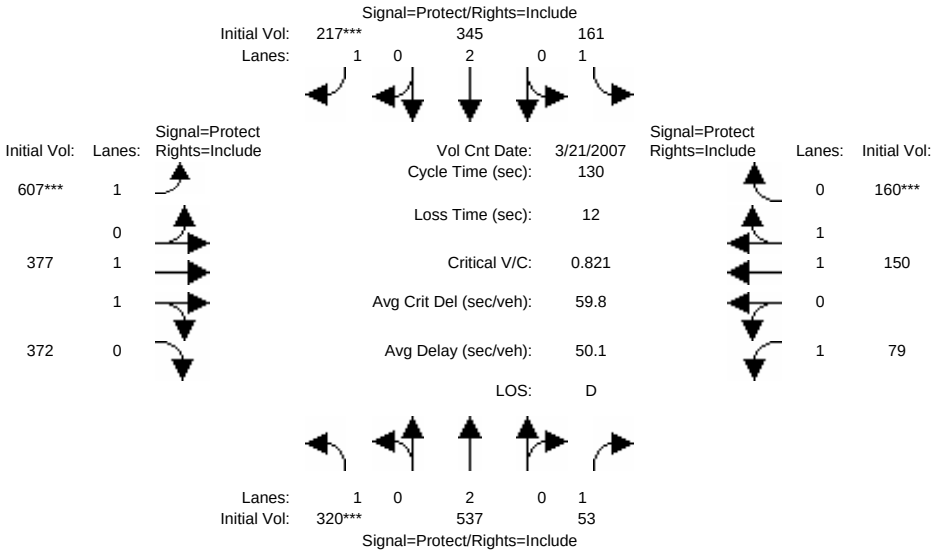
Milpitas Near-Term Cumulative Analysis

Level Of Service Computation Report
2000 HCM Operations (Future Volume Alternative)
Existing PM

Intersection #105: Dixon Landing Rd. & N. Milpitas Blvd.



Street Name:	N. Milpitas Blvd.						Dixon Landing Rd.					
Approach:	North Bound			South Bound			East Bound			West Bound		
Movement:	L	T	R	L	T	R	L	T	R	L	T	R
Min. Green:	7	10	10	7	10	10	7	10	10	7	10	10
Volume Module: >> Count Date: 21 Mar 2007 <<												
Base Vol:	320	537	53	161	345	217	607	377	372	79	150	160
Growth Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Initial Bse:	320	537	53	161	345	217	607	377	372	79	150	160
Added Vol:	0	0	0	0	0	0	0	0	0	0	0	0
PasserByVol:	0	0	0	0	0	0	0	0	0	0	0	0
Initial Fut:	320	537	53	161	345	217	607	377	372	79	150	160
User Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
PHF Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
PHF Volume:	320	537	53	161	345	217	607	377	372	79	150	160
Reduct Vol:	0	0	0	0	0	0	0	0	0	0	0	0
Reduced Vol:	320	537	53	161	345	217	607	377	372	79	150	160
PCE Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
MLF Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
FinalVolume:	320	537	53	161	345	217	607	377	372	79	150	160
Saturation Flow Module:												
Sat/Lane:	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900
Adjustment:	0.92	1.00	0.92	0.92	1.00	0.92	0.92	1.00	0.95	0.92	1.00	0.92
Lanes:	1.00	2.00	1.00	1.00	2.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Final Sat.:	1750	3800	1750	1750	3800	1750	1750	1899	1800	1750	1900	1750
Capacity Analysis Module:												
Vol/Sat:	0.18	0.14	0.03	0.09	0.09	0.12	0.35	0.20	0.21	0.05	0.08	0.09
Crit Moves:	****					****	****					****
Green Time:	29.0	29.4	29.4	19.2	19.6	19.6	54.9	55.1	55.1	14.3	14.5	14.5
Volume/Cap:	0.82	0.62	0.13	0.62	0.60	0.82	0.82	0.47	0.49	0.41	0.71	0.82
Delay/Veh:	65.5	48.7	40.8	62.9	56.1	77.5	43.1	27.9	28.3	60.2	65.1	74.4
User DelAdj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
AdjDel/Veh:	65.5	48.7	40.8	62.9	56.1	77.5	43.1	27.9	28.3	60.2	65.1	74.4
LOS by Move:	E	D	D	E	E+	E-	D	C	C	E	E	E
HCM2k95thQ:	24	17	4	13	12	18	41	19	20	7	13	16

Note: Queue reported is the number of cars per lane.

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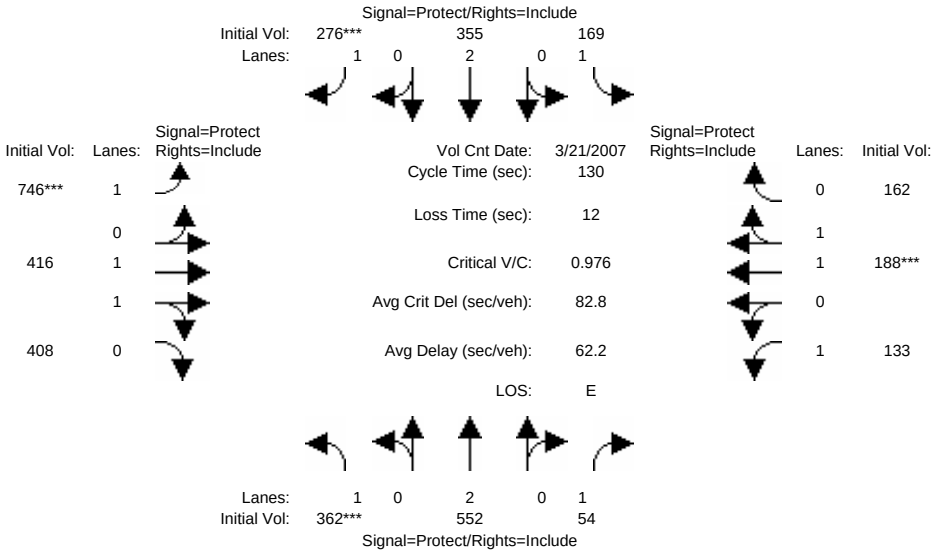
Milpitas Near-Term Cumulative Analysis

Level Of Service Computation Report
2000 HCM Operations (Future Volume Alternative)
Background PM

Intersection #105: Dixon Landing Rd. & N. Milpitas Blvd.



Street Name:	N. Milpitas Blvd.						Dixon Landing Rd.					
Approach:	North Bound			South Bound			East Bound			West Bound		
Movement:	L	T	R	L	T	R	L	T	R	L	T	R
Min. Green:	7	10	10	7	10	10	7	10	10	7	10	10
Volume Module: >> Count Date: 21 Mar 2007 <<												
Base Vol:	320	537	53	161	345	217	607	377	372	79	150	160
Growth Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Initial Bse:	320	537	53	161	345	217	607	377	372	79	150	160
Added Vol:	0	0	0	0	0	0	0	0	0	0	0	0
ATI:	42	15	1	8	10	59	139	39	36	54	38	2
Initial Fut:	362	552	54	169	355	276	746	416	408	133	188	162
User Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
PHF Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
PHF Volume:	362	552	54	169	355	276	746	416	408	133	188	162
Reduct Vol:	0	0	0	0	0	0	0	0	0	0	0	0
Reduced Vol:	362	552	54	169	355	276	746	416	408	133	188	162
PCE Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
MLF Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
FinalVolume:	362	552	54	169	355	276	746	416	408	133	188	162
Saturation Flow Module:												
Sat/Lane:	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900
Adjustment:	0.92	1.00	0.92	0.92	1.00	0.92	0.92	1.00	0.95	0.92	1.00	0.95
Lanes:	1.00	2.00	1.00	1.00	2.00	1.00	1.00	1.00	1.00	1.00	1.05	0.95
Final Sat.:	1750	3800	1750	1750	3800	1750	1750	1899	1800	1750	1986	1711
Capacity Analysis Module:												
Vol/Sat:	0.21	0.15	0.03	0.10	0.09	0.16	0.43	0.22	0.23	0.08	0.09	0.09
Crit Moves:	****					****	****				****	
Green Time:	27.6	29.2	29.2	19.4	21.0	21.0	56.8	52.0	52.0	17.4	12.6	12.6
Volume/Cap:	0.98	0.65	0.14	0.65	0.58	0.98	0.98	0.55	0.57	0.57	0.98	0.98
Delay/Veh:	91.9	49.5	41.1	63.8	54.3	101.9	63.0	31.4	31.9	62.3	100	100.3
User DelAdj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
AdjDel/Veh:	91.9	49.5	41.1	63.8	54.3	101.9	63.0	31.4	31.9	62.3	100	100.3
LOS by Move:	F	D	D	E	D-	F	E	C	C	E	F	F
HCM2k95thQ:	32	18	4	13	13	25	62	22	23	12	19	19

Note: Queue reported is the number of cars per lane.

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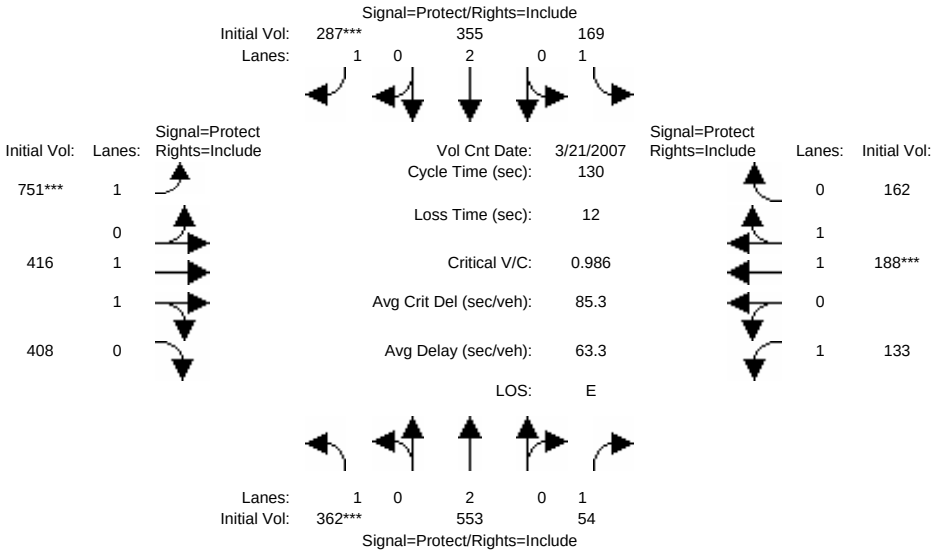
Milpitas Near-Term Cumulative Analysis

Level Of Service Computation Report
2000 HCM Operations (Future Volume Alternative)
Project PM

Intersection #105: Dixon Landing Rd. & N. Milpitas Blvd.



Street Name:	N. Milpitas Blvd.						Dixon Landing Rd.					
Approach:	North Bound			South Bound			East Bound			West Bound		
Movement:	L - T - R			L - T - R			L - T - R			L - T - R		
Min. Green:	7	10	10	7	10	10	7	10	10	7	10	10
Volume Module: >> Count Date: 21 Mar 2007 <<												
Base Vol:	362	552	54	169	355	276	746	416	408	133	188	162
Growth Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Initial Bse:	362	552	54	169	355	276	746	416	408	133	188	162
Added Vol:	0	1	0	0	0	11	5	0	0	0	0	0
PasserByVol:	0	0	0	0	0	0	0	0	0	0	0	0
Initial Fut:	362	553	54	169	355	287	751	416	408	133	188	162
User Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
PHF Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
PHF Volume:	362	553	54	169	355	287	751	416	408	133	188	162
Reduct Vol:	0	0	0	0	0	0	0	0	0	0	0	0
Reduced Vol:	362	553	54	169	355	287	751	416	408	133	188	162
PCE Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
MLF Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
FinalVolume:	362	553	54	169	355	287	751	416	408	133	188	162
Saturation Flow Module:												
Sat/Lane:	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900
Adjustment:	0.92	1.00	0.92	0.92	1.00	0.92	0.92	1.00	0.95	0.92	1.00	0.95
Lanes:	1.00	2.00	1.00	1.00	2.00	1.00	1.00	1.00	1.00	1.00	1.05	0.95
Final Sat.:	1750	3800	1750	1750	3800	1750	1750	1899	1800	1750	1986	1711
Capacity Analysis Module:												
Vol/Sat:	0.21	0.15	0.03	0.10	0.09	0.16	0.43	0.22	0.23	0.08	0.09	0.09
Crit Moves:	****					****	****				****	
Green Time:	27.3	29.4	29.4	19.5	21.6	21.6	56.6	51.7	51.7	17.3	12.5	12.5
Volume/Cap:	0.99	0.64	0.14	0.64	0.56	0.99	0.99	0.55	0.57	0.57	0.99	0.99
Delay/Veh:	94.7	49.2	40.9	63.5	53.4	103.3	65.6	31.6	32.1	62.5	103	103.0
User DelAdj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
AdjDel/Veh:	94.7	49.2	40.9	63.5	53.4	103.3	65.6	31.6	32.1	62.5	103	103.0
LOS by Move:	F	D	D	E	D-	F	E	C	C-	E	F	F
HCM2k95thQ:	32	18	4	13	12	26	64	22	23	12	19	19

Note: Queue reported is the number of cars per lane.

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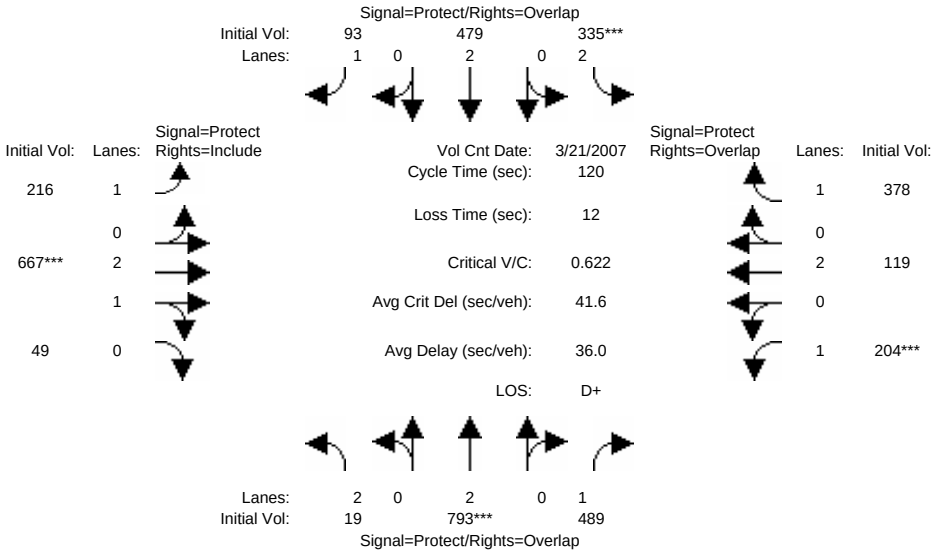
Milpitas Near-Term Cumulative Analysis

Level Of Service Computation Report
2000 HCM Operations (Future Volume Alternative)
Existing PM

Intersection #106: Scott Creek Rd. & Warm Springs Blvd.



Street Name:	Warm Springs Blvd.						Scott Creek Rd.					
Approach:	North Bound			South Bound			East Bound			West Bound		
Movement:	L	T	R	L	T	R	L	T	R	L	T	R
Min. Green:	7	10	10	7	10	10	7	10	10	7	10	10
Volume Module: >> Count Date: 21 Mar 2007 <<												
Base Vol:	19	793	489	335	479	93	216	667	49	204	119	378
Growth Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Initial Bse:	19	793	489	335	479	93	216	667	49	204	119	378
Added Vol:	0	0	0	0	0	0	0	0	0	0	0	0
PasserByVol:	0	0	0	0	0	0	0	0	0	0	0	0
Initial Fut:	19	793	489	335	479	93	216	667	49	204	119	378
User Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
PHF Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
PHF Volume:	19	793	489	335	479	93	216	667	49	204	119	378
Reduct Vol:	0	0	0	0	0	0	0	0	0	0	0	0
Reduced Vol:	19	793	489	335	479	93	216	667	49	204	119	378
PCE Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
MLF Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
FinalVolume:	19	793	489	335	479	93	216	667	49	204	119	378
Saturation Flow Module:												
Sat/Lane:	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900
Adjustment:	0.83	1.00	0.92	0.83	1.00	0.92	0.92	0.99	0.95	0.92	1.00	0.92
Lanes:	2.00	2.00	1.00	2.00	2.00	1.00	1.00	2.79	0.21	1.00	2.00	1.00
Final Sat.:	3150	3800	1750	3150	3800	1750	1750	5216	383	1750	3800	1750
Capacity Analysis Module:												
Vol/Sat:	0.01	0.21	0.28	0.11	0.13	0.05	0.12	0.13	0.13	0.12	0.03	0.22
Crit Moves:		****		****				****		****		
Green Time:	19.2	40.3	62.8	20.5	41.6	66.6	25.0	24.7	24.7	22.5	22.2	42.7
Volume/Cap:	0.04	0.62	0.53	0.62	0.36	0.10	0.59	0.62	0.62	0.62	0.17	0.61
Delay/Veh:	42.6	34.4	19.5	48.4	29.5	12.6	45.5	44.5	44.5	48.5	41.3	33.5
User DelAdj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
AdjDel/Veh:	42.6	34.4	19.5	48.4	29.5	12.6	45.5	44.5	44.5	48.5	41.3	33.5
LOS by Move:	D	C-	B-	D	C	B	D	D	D	D	D	C-
HCM2k95thQ:	1	21	22	15	13	3	16	17	17	16	4	23

Note: Queue reported is the number of cars per lane.

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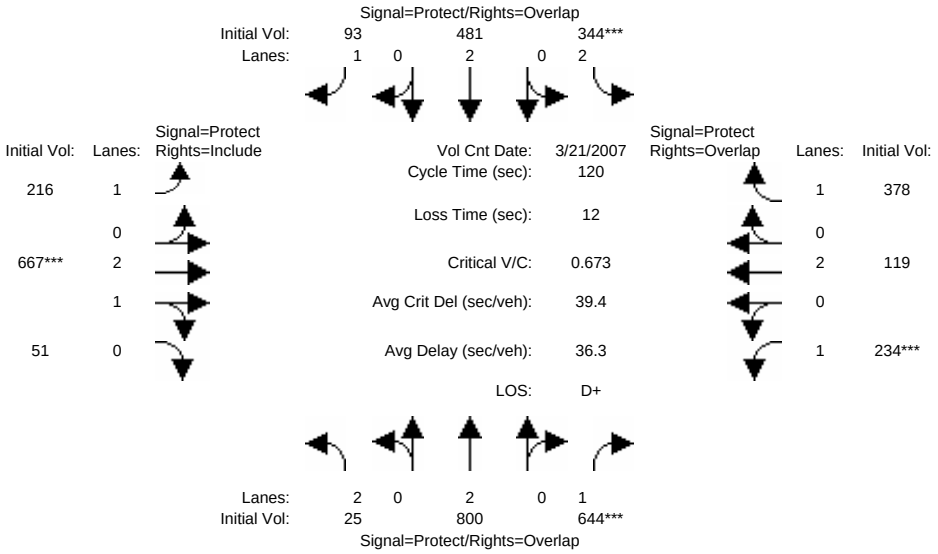
Milpitas Near-Term Cumulative Analysis

Level Of Service Computation Report
2000 HCM Operations (Future Volume Alternative)
Background PM

Intersection #106: Scott Creek Rd. & Warm Springs Blvd.



Street Name:	Warm Springs Blvd.						Scott Creek Rd.					
Approach:	North Bound			South Bound			East Bound			West Bound		
Movement:	L	T	R	L	T	R	L	T	R	L	T	R
Min. Green:	7	10	10	7	10	10	7	10	10	7	10	10
Volume Module: >> Count Date: 21 Mar 2007 <<												
Base Vol:	19	793	489	335	479	93	216	667	49	204	119	378
Growth Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Initial Bse:	19	793	489	335	479	93	216	667	49	204	119	378
Added Vol:	0	0	0	0	0	0	0	0	0	0	0	0
ATI:	6	7	155	9	2	0	0	0	2	30	0	0
Initial Fut:	25	800	644	344	481	93	216	667	51	234	119	378
User Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
PHF Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
PHF Volume:	25	800	644	344	481	93	216	667	51	234	119	378
Reduct Vol:	0	0	0	0	0	0	0	0	0	0	0	0
Reduced Vol:	25	800	644	344	481	93	216	667	51	234	119	378
PCE Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
MLF Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
FinalVolume:	25	800	644	344	481	93	216	667	51	234	119	378
Saturation Flow Module:												
Sat/Lane:	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900
Adjustment:	0.83	1.00	0.92	0.83	1.00	0.92	0.92	0.99	0.95	0.92	1.00	0.92
Lanes:	2.00	2.00	1.00	2.00	2.00	1.00	1.00	2.78	0.22	1.00	2.00	1.00
Final Sat.:	3150	3800	1750	3150	3800	1750	1750	5202	398	1750	3800	1750
Capacity Analysis Module:												
Vol/Sat:	0.01	0.21	0.37	0.11	0.13	0.05	0.12	0.13	0.13	0.13	0.03	0.22
Crit Moves:			****	****				****		****		
Green Time:	19.3	41.8	65.6	19.5	41.9	67.0	25.1	22.9	22.9	23.9	21.7	41.2
Volume/Cap:	0.05	0.60	0.67	0.67	0.36	0.10	0.59	0.67	0.67	0.67	0.17	0.63
Delay/Veh:	42.6	33.1	21.4	50.8	29.2	12.4	45.4	46.8	46.8	49.6	41.7	35.2
User DelAdj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
AdjDel/Veh:	42.6	33.1	21.4	50.8	29.2	12.4	45.4	46.8	46.8	49.6	41.7	35.2
LOS by Move:	D	C-	C+	D	C	B	D	D	D	D	D	D+
HCM2k95thQ:	1	21	31	16	13	3	16	17	17	18	4	23

Note: Queue reported is the number of cars per lane.

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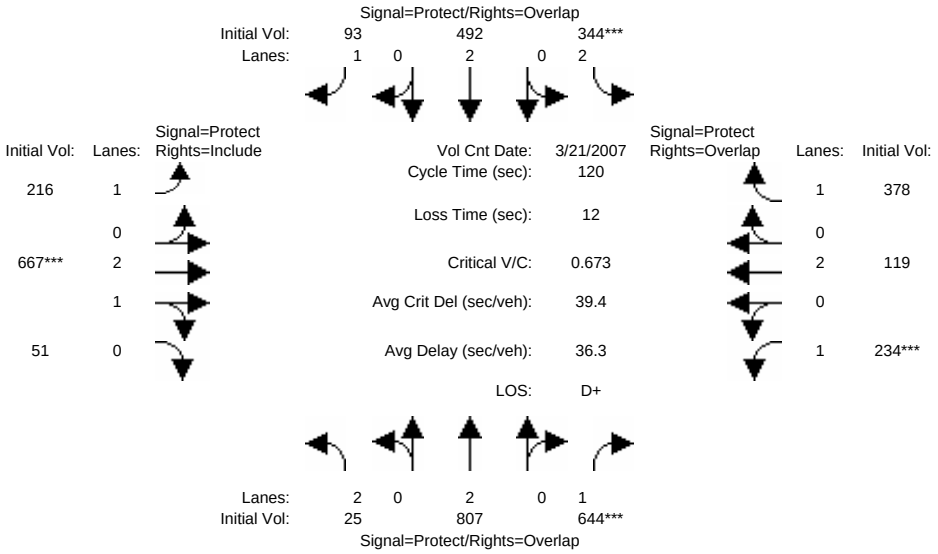
Milpitas Near-Term Cumulative Analysis

Level Of Service Computation Report
2000 HCM Operations (Future Volume Alternative)
Project PM

Intersection #106: Scott Creek Rd. & Warm Springs Blvd.



Street Name:	Warm Springs Blvd.						Scott Creek Rd.					
Approach:	North Bound			South Bound			East Bound			West Bound		
Movement:	L	T	R	L	T	R	L	T	R	L	T	R
Min. Green:	7	10	10	7	10	10	7	10	10	7	10	10
Volume Module: >> Count Date: 21 Mar 2007 <<												
Base Vol:	25	800	644	344	481	93	216	667	51	234	119	378
Growth Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Initial Bse:	25	800	644	344	481	93	216	667	51	234	119	378
Added Vol:	0	7	0	0	11	0	0	0	0	0	0	0
PasserByVol:	0	0	0	0	0	0	0	0	0	0	0	0
Initial Fut:	25	807	644	344	492	93	216	667	51	234	119	378
User Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
PHF Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
PHF Volume:	25	807	644	344	492	93	216	667	51	234	119	378
Reduct Vol:	0	0	0	0	0	0	0	0	0	0	0	0
Reduced Vol:	25	807	644	344	492	93	216	667	51	234	119	378
PCE Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
MLF Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
FinalVolume:	25	807	644	344	492	93	216	667	51	234	119	378
Saturation Flow Module:												
Sat/Lane:	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900
Adjustment:	0.83	1.00	0.92	0.83	1.00	0.92	0.92	0.99	0.95	0.92	1.00	0.92
Lanes:	2.00	2.00	1.00	2.00	2.00	1.00	1.00	2.78	0.22	1.00	2.00	1.00
Final Sat.:	3150	3800	1750	3150	3800	1750	1750	5202	398	1750	3800	1750
Capacity Analysis Module:												
Vol/Sat:	0.01	0.21	0.37	0.11	0.13	0.05	0.12	0.13	0.13	0.13	0.03	0.22
Crit Moves:			****	****				****		****		
Green Time:	19.0	41.8	65.6	19.5	42.2	67.3	25.1	22.9	22.9	23.9	21.7	41.2
Volume/Cap:	0.05	0.61	0.67	0.67	0.37	0.09	0.59	0.67	0.67	0.67	0.17	0.63
Delay/Veh:	42.9	33.2	21.4	50.8	29.1	12.3	45.4	46.8	46.8	49.6	41.7	35.2
User DelAdj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
AdjDel/Veh:	42.9	33.2	21.4	50.8	29.1	12.3	45.4	46.8	46.8	49.6	41.7	35.2
LOS by Move:	D	C-	C+	D	C	B	D	D	D	D	D	D+
HCM2k95thQ:	1	21	31	16	13	3	16	17	17	18	4	23

Note: Queue reported is the number of cars per lane.

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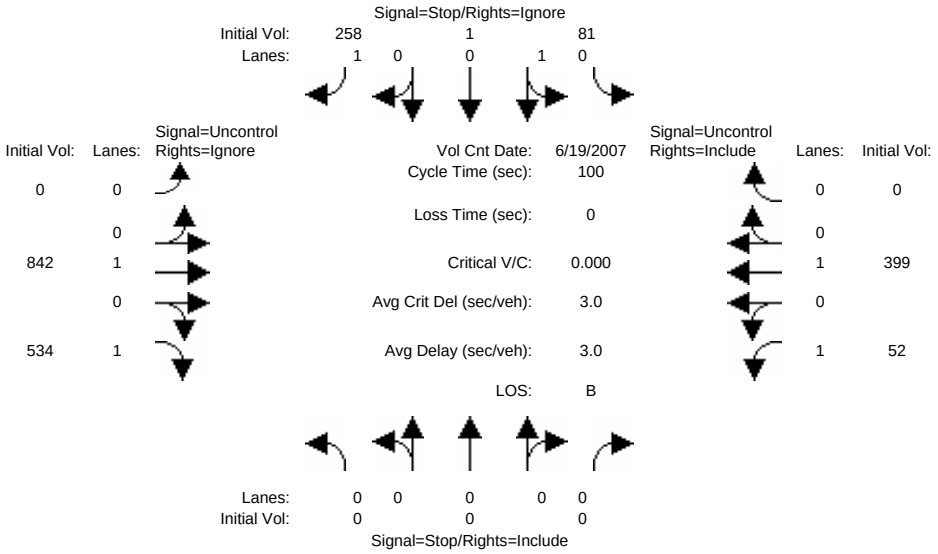
Milpitas Near-Term Cumulative Analysis

Level Of Service Computation Report
2000 HCM Unsignalized (Future Volume Alternative)
Existing PM

Intersection #107: Scott Creek Rd. & I-680 SB Ramps



Street Name:	I-680 SB Ramps						Scott Creek Rd.					
Approach:	North Bound			South Bound			East Bound			West Bound		
Movement:	L -	T -	R	L -	T -	R	L -	T -	R	L -	T -	R
Volume Module: >> Count Date: 19 Jun 2007 <<												
Base Vol:	0	0	0	81	1	258	0	842	534	52	399	0
Growth Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Initial Bse:	0	0	0	81	1	258	0	842	534	52	399	0
Added Vol:	0	0	0	0	0	0	0	0	0	0	0	0
PasserByVol:	0	0	0	0	0	0	0	0	0	0	0	0
Initial Fut:	0	0	0	81	1	258	0	842	534	52	399	0
User Adj:	1.00	1.00	1.00	1.00	1.00	0.00	1.00	0.00	0.00	1.00	1.00	1.00
PHF Adj:	1.00	1.00	1.00	1.00	1.00	0.00	1.00	1.00	0.00	1.00	1.00	1.00
PHF Volume:	0	0	0	81	1	0	0	0	0	52	399	0
Reduct Vol:	0	0	0	0	0	0	0	0	0	0	0	0
FinalVolume:	0	0	0	81	1	0	0	0	0	52	399	0
Critical Gap Module:												
Critical Gp:	xxxxx	xxxx	xxxxx	6.4	6.5	6.2	xxxxx	xxxx	xxxxx	4.1	xxxx	xxxxx
FollowUpTim:	xxxxx	xxxx	xxxxx	3.5	4.0	3.3	xxxxx	xxxx	xxxxx	2.2	xxxx	xxxxx
Capacity Module:												
Cnflict Vol:	xxxx	xxxx	xxxxx	503	503	399	xxxx	xxxx	xxxxx	0	xxxx	xxxxx
Potent Cap.:	xxxx	xxxx	xxxxx	532	474	655	xxxx	xxxx	xxxxx	900	xxxx	xxxxx
Move Cap.:	xxxx	xxxx	xxxxx	508	446	655	xxxx	xxxx	xxxxx	900	xxxx	xxxxx
Volume/Cap:	xxxx	xxxx	xxxx	0.16	0.00	0.00	xxxx	xxxx	xxxx	0.06	xxxx	xxxx
Level Of Service Module:												
2Way95thQ:	xxxx	xxxx	xxxxx	xxxx	xxxx	xxxxx	xxxx	xxxx	xxxxx	0.2	xxxx	xxxxx
Control Del:	xxxxx	xxxx	xxxxx	xxxxx	xxxx	xxxxx	xxxxx	xxxx	xxxxx	9.2	xxxx	xxxxx
LOS by Move:	*	*	*	*	*	*	*	*	*	A	*	*
Movement:	LT -	LTR -	RT	LT -	LTR -	RT	LT -	LTR -	RT	LT -	LTR -	RT
Shared Cap.:	xxxx	xxxx	xxxxx	507	xxxx	xxxxx	xxxx	xxxx	xxxxx	xxxx	xxxx	xxxxx
SharedQueue:	xxxxx	xxxx	xxxxx	0.6	xxxx	xxxxx	xxxxx	xxxx	xxxxx	xxxxx	xxxx	xxxxx
Shrd ConDel:	xxxxx	xxxx	xxxxx	13.5	xxxx	xxxxx	xxxxx	xxxx	xxxxx	xxxxx	xxxx	xxxxx
Shared LOS:	*	*	*	B	*	*	*	*	*	*	*	*
ApproachDel:	xxxxxx			13.5			xxxxxx			xxxxxx		
ApproachLOS:	*			B			*			*		

Note: Queue reported is the number of cars per lane.

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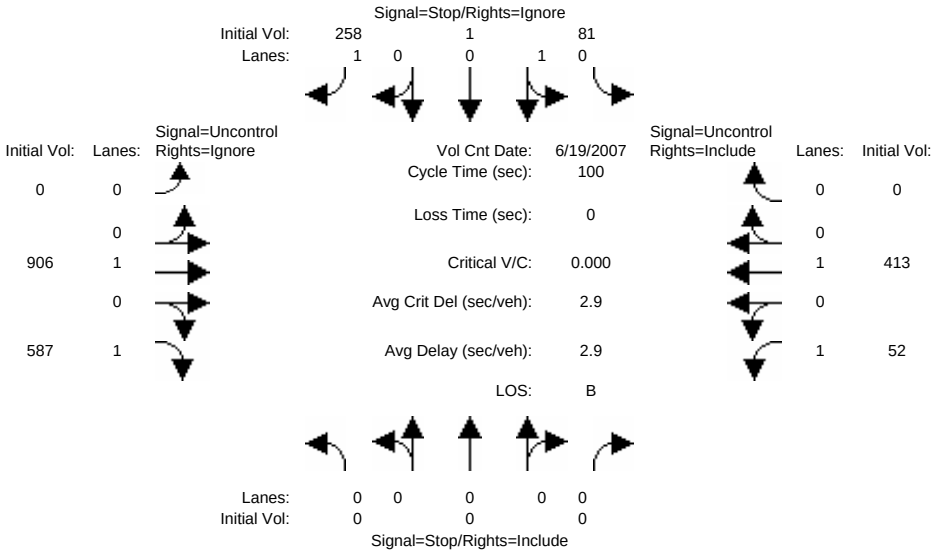
Milpitas Near-Term Cumulative Analysis

Level Of Service Computation Report
2000 HCM Unsignalized (Future Volume Alternative)
Background PM

Intersection #107: Scott Creek Rd. & I-680 SB Ramps




```
Street Name:          I-680 SB Ramps                    Scott Creek Rd.
Approach:      North Bound      South Bound       East Bound       West Bound
Movement:     L  -  T  -  R    L  -  T  -  R    L  -  T  -  R    L  -  T  -  R
------------|---------------||---------------||---------------||---------------|
Volume Module: >> Count Date: 19 Jun 2007 <<
Base Vol:       0    0     0    81    1   258     0  842   534    52  399     0
Growth Adj:  1.00 1.00  1.00  1.00 1.00  1.00  1.00 1.00  1.00  1.00 1.00  1.00
Initial Bse:    0    0     0    81    1   258     0  842   534    52  399     0
Added Vol:      0    0     0     0    0     0     0    0     0     0    0     0
ATI:            0    0     0     0    0     0     0   64    53     0   14     0
Initial Fut:    0    0     0    81    1   258     0  906   587    52  413     0
User Adj:    1.00 1.00  1.00  1.00 1.00  0.00  1.00 0.00  0.00  1.00 1.00  1.00
PHF Adj:     1.00 1.00  1.00  1.00 1.00  0.00  1.00 1.00  0.00  1.00 1.00  1.00
PHF Volume:     0    0     0    81    1     0     0    0     0    52  413     0
Reduct Vol:     0    0     0     0    0     0     0    0     0     0    0     0
FinalVolume:    0    0     0    81    1     0     0    0     0    52  413     0
------------|---------------||---------------||---------------||---------------|
Critical Gap Module:
Critical Gp:xxxxx xxxx xxxxx   6.4  6.5   6.2 xxxxx xxxx xxxxx   4.1 xxxx xxxxx
FollowUpTim:xxxxx xxxx xxxxx   3.5  4.0   3.3 xxxxx xxxx xxxxx   2.2 xxxx xxxxx
------------|---------------||---------------||---------------||---------------|
Capacity Module:
Cnflict Vol: xxxx xxxx xxxxx   517  517   413  xxxx xxxx xxxxx     0 xxxx xxxxx
Potent Cap.: xxxx xxxx xxxxx   522  465   643  xxxx xxxx xxxxx   900 xxxx xxxxx
Move Cap.:   xxxx xxxx xxxxx   499  438   643  xxxx xxxx xxxxx   900 xxxx xxxxx
Volume/Cap:  xxxx xxxx  xxxx  0.16 0.00  0.00  xxxx xxxx  xxxx  0.06 xxxx  xxxx
------------|---------------||---------------||---------------||---------------|
Level Of Service Module:
2Way95thQ:   xxxx xxxx xxxxx  xxxx xxxx xxxxx  xxxx xxxx xxxxx   0.2 xxxx xxxxx
Control Del:xxxxx xxxx xxxxx xxxxx xxxx xxxxx xxxxx xxxx xxxxx   9.2 xxxx xxxxx
LOS by Move:    *    *     *     *    *     *     *    *     *     A    *     *
Movement:     LT - LTR - RT    LT - LTR - RT    LT - LTR - RT    LT - LTR - RT
Shared Cap.: xxxx xxxx xxxxx   498 xxxx xxxxx  xxxx xxxx xxxxx  xxxx xxxx xxxxx
SharedQueue:xxxxx xxxx xxxxx   0.6 xxxx xxxxx xxxxx xxxx xxxxx xxxxx xxxx xxxxx
Shrd ConDel:xxxxx xxxx xxxxx  13.6 xxxx xxxxx xxxxx xxxx xxxxx xxxxx xxxx xxxxx
Shared LOS:     *    *     *     B    *     *     *    *     *     *    *     *
ApproachDel:    xxxxxx             13.6           xxxxxx           xxxxxx
ApproachLOS:         *                B                *                *
Note: Queue reported is the number of cars per lane.
```

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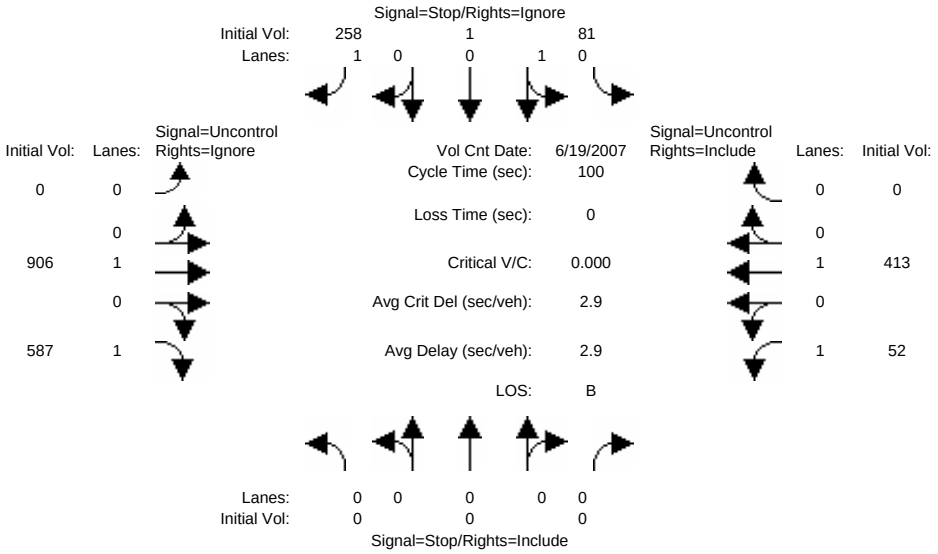
Milpitas Near-Term Cumulative Analysis

Level Of Service Computation Report
2000 HCM Unsignalized (Future Volume Alternative)
Project PM

Intersection #107: Scott Creek Rd. & I-680 SB Ramps



Street Name:	I-680 SB Ramps						Scott Creek Rd.					
Approach:	North Bound			South Bound			East Bound			West Bound		
Movement:	L -	T -	R	L -	T -	R	L -	T -	R	L -	T -	R
Volume Module: >> Count Date: 19 Jun 2007 <<												
Base Vol:	0	0	0	81	1	258	0	906	587	52	413	0
Growth Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Initial Bse:	0	0	0	81	1	258	0	906	587	52	413	0
Added Vol:	0	0	0	0	0	0	0	0	0	0	0	0
PasserByVol:	0	0	0	0	0	0	0	0	0	0	0	0
Initial Fut:	0	0	0	81	1	258	0	906	587	52	413	0
User Adj:	1.00	1.00	1.00	1.00	1.00	0.00	1.00	0.00	0.00	1.00	1.00	1.00
PHF Adj:	1.00	1.00	1.00	1.00	1.00	0.00	1.00	1.00	0.00	1.00	1.00	1.00
PHF Volume:	0	0	0	81	1	0	0	0	0	52	413	0
Reduct Vol:	0	0	0	0	0	0	0	0	0	0	0	0
FinalVolume:	0	0	0	81	1	0	0	0	0	52	413	0
Critical Gap Module:												
Critical Gp:	xxxxx	xxxx	xxxxx	6.4	6.5	6.2	xxxxx	xxxx	xxxxx	4.1	xxxx	xxxxx
FollowUpTim:	xxxxx	xxxx	xxxxx	3.5	4.0	3.3	xxxxx	xxxx	xxxxx	2.2	xxxx	xxxxx
Capacity Module:												
Cnflict Vol:	xxxx	xxxx	xxxxx	517	517	413	xxxx	xxxx	xxxxx	0	xxxx	xxxxx
Potent Cap.:	xxxx	xxxx	xxxxx	522	465	643	xxxx	xxxx	xxxxx	900	xxxx	xxxxx
Move Cap.:	xxxx	xxxx	xxxxx	499	438	643	xxxx	xxxx	xxxxx	900	xxxx	xxxxx
Volume/Cap:	xxxx	xxxx	xxxx	0.16	0.00	0.00	xxxx	xxxx	xxxx	0.06	xxxx	xxxx
Level Of Service Module:												
2Way95thQ:	xxxx	xxxx	xxxxx	xxxx	xxxx	xxxxx	xxxx	xxxx	xxxxx	0.2	xxxx	xxxxx
Control Del:	xxxxx	xxxx	xxxxx	xxxxx	xxxx	xxxxx	xxxxx	xxxx	xxxxx	9.2	xxxx	xxxxx
LOS by Move:	*	*	*	*	*	*	*	*	*	A	*	*
Movement:	LT -	LTR -	RT	LT -	LTR -	RT	LT -	LTR -	RT	LT -	LTR -	RT
Shared Cap.:	xxxx	xxxx	xxxxx	498	xxxx	xxxxx	xxxx	xxxx	xxxxx	xxxx	xxxx	xxxxx
SharedQueue:	xxxxx	xxxx	xxxxx	0.6	xxxx	xxxxx	xxxxx	xxxx	xxxxx	xxxxx	xxxx	xxxxx
Shrd ConDel:	xxxxx	xxxx	xxxxx	13.6	xxxx	xxxxx	xxxxx	xxxx	xxxxx	xxxxx	xxxx	xxxxx
Shared LOS:	*	*	*	B	*	*	*	*	*	*	*	*
ApproachDel:	xxxxxx			13.6			xxxxxx			xxxxxx		
ApproachLOS:	*			B			*			*		

Note: Queue reported is the number of cars per lane.

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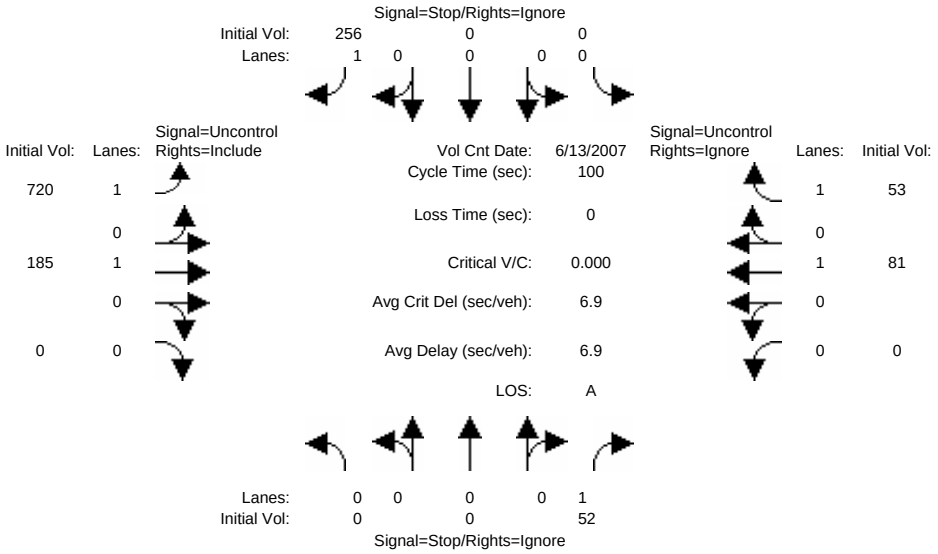
Milpitas Near-Term Cumulative Analysis

Level Of Service Computation Report
2000 HCM Unsignalized (Future Volume Alternative)
Existing PM

Intersection #108: Scott Creek Rd. & I-680 NB Ramps




```
Street Name:          I-680 NB Ramps                    Scott Creek Rd.
Approach:      North Bound      South Bound       East Bound       West Bound
Movement:     L  -  T  -  R    L  -  T  -  R    L  -  T  -  R    L  -  T  -  R
------------|---------------||---------------||---------------||---------------|
Volume Module: >> Count Date: 13 Jun 2007 <<
Base Vol:       0    0    52     0    0   256   720  185     0     0   81    53
Growth Adj:  1.00 1.00  1.00  1.00 1.00  1.00  1.00 1.00  1.00  1.00 1.00  1.00
Initial Bse:    0    0    52     0    0   256   720  185     0     0   81    53
Added Vol:      0    0     0     0    0     0     0    0     0     0    0     0
PasserByVol:    0    0     0     0    0     0     0    0     0     0    0     0
Initial Fut:    0    0    52     0    0   256   720  185     0     0   81    53
User Adj:    1.00 1.00  0.00  1.00 1.00  0.00  1.00 1.00  1.00  1.00 1.00  0.00
PHF Adj:     1.00 1.00  0.00  1.00 1.00  0.00  1.00 1.00  1.00  1.00 1.00  0.00
PHF Volume:     0    0     0     0    0     0   720  185     0     0   81     0
Reduct Vol:     0    0     0     0    0     0     0    0     0     0    0     0
FinalVolume:    0    0     0     0    0     0   720  185     0     0   81     0
------------|---------------||---------------||---------------||---------------|
Critical Gap Module:
Critical Gp:xxxxx xxxx   6.2 xxxxx xxxx   6.2   4.1 xxxx xxxxx xxxxx xxxx xxxxx
FollowUpTim:xxxxx xxxx   3.3 xxxxx xxxx   3.3   2.2 xxxx xxxxx xxxxx xxxx xxxxx
------------|---------------||---------------||---------------||---------------|
Capacity Module:
Cnflict Vol: xxxx xxxx   185  xxxx xxxx    81    81 xxxx xxxxx  xxxx xxxx xxxxx
Potent Cap.: xxxx xxxx   862  xxxx xxxx   985  1529 xxxx xxxxx  xxxx xxxx xxxxx
Move Cap.:   xxxx xxxx   862  xxxx xxxx   985  1529 xxxx xxxxx  xxxx xxxx xxxxx
Volume/Cap:  xxxx xxxx  0.00  xxxx xxxx  0.00  0.47 xxxx  xxxx  xxxx xxxx  xxxx
------------|---------------||---------------||---------------||---------------|
Level Of Service Module:
2Way95thQ:   xxxx xxxx xxxxx  xxxx xxxx xxxxx   2.6 xxxx xxxxx  xxxx xxxx xxxxx
Control Del:xxxxx xxxx xxxxx xxxxx xxxx xxxxx   9.4 xxxx xxxxx xxxxx xxxx xxxxx
LOS by Move:    *    *     *     *    *     *     A    *     *     *    *     *
Movement:     LT - LTR - RT    LT - LTR - RT    LT - LTR - RT    LT - LTR - RT
Shared Cap.: xxxx xxxx xxxxx  xxxx xxxx xxxxx  xxxx xxxx xxxxx  xxxx xxxx xxxxx
SharedQueue:xxxxx xxxx xxxxx xxxxx xxxx xxxxx xxxxx xxxx xxxxx xxxxx xxxx xxxxx
Shrd ConDel:xxxxx xxxx xxxxx xxxxx xxxx xxxxx xxxxx xxxx xxxxx xxxxx xxxx xxxxx
Shared LOS:     *    *     *     *    *     *     *    *     *     *    *     *
ApproachDel:    xxxxxx           xxxxxx           xxxxxx           xxxxxx
ApproachLOS:         *                *                *                *
Note: Queue reported is the number of cars per lane.
```

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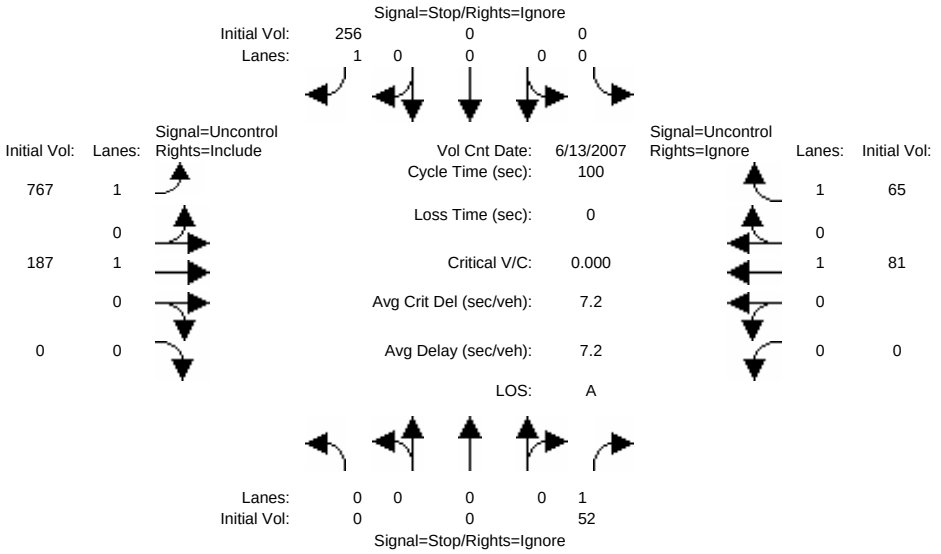
Milpitas Near-Term Cumulative Analysis

Level Of Service Computation Report
2000 HCM Unsignalized (Future Volume Alternative)
Background PM

Intersection #108: Scott Creek Rd. & I-680 NB Ramps




```
Street Name:          I-680 NB Ramps                    Scott Creek Rd.
Approach:      North Bound      South Bound       East Bound       West Bound
Movement:     L  -  T  -  R    L  -  T  -  R    L  -  T  -  R    L  -  T  -  R
------------|---------------||---------------||---------------||---------------|
Volume Module: >> Count Date: 13 Jun 2007 <<
Base Vol:       0    0    52     0    0   256   720  185     0     0   81    53
Growth Adj:  1.00 1.00  1.00  1.00 1.00  1.00  1.00 1.00  1.00  1.00 1.00  1.00
Initial Bse:    0    0    52     0    0   256   720  185     0     0   81    53
Added Vol:      0    0     0     0    0     0     0    0     0     0    0     0
ATI:            0    0     0     0    0     0    47    2     0     0    0    12
Initial Fut:    0    0    52     0    0   256   767  187     0     0   81    65
User Adj:    1.00 1.00  0.00  1.00 1.00  0.00  1.00 1.00  1.00  1.00 1.00  0.00
PHF Adj:     1.00 1.00  0.00  1.00 1.00  0.00  1.00 1.00  1.00  1.00 1.00  0.00
PHF Volume:     0    0     0     0    0     0   767  187     0     0   81     0
Reduct Vol:     0    0     0     0    0     0     0    0     0     0    0     0
FinalVolume:    0    0     0     0    0     0   767  187     0     0   81     0
------------|---------------||---------------||---------------||---------------|
Critical Gap Module:
Critical Gp:xxxxx xxxx   6.2 xxxxx xxxx   6.2   4.1 xxxx xxxxx xxxxx xxxx xxxxx
FollowUpTim:xxxxx xxxx   3.3 xxxxx xxxx   3.3   2.2 xxxx xxxxx xxxxx xxxx xxxxx
------------|---------------||---------------||---------------||---------------|
Capacity Module:
Cnflict Vol: xxxx xxxx   187  xxxx xxxx    81    81 xxxx xxxxx  xxxx xxxx xxxxx
Potent Cap.: xxxx xxxx   860  xxxx xxxx   985  1529 xxxx xxxxx  xxxx xxxx xxxxx
Move Cap.:   xxxx xxxx   860  xxxx xxxx   985  1529 xxxx xxxxx  xxxx xxxx xxxxx
Volume/Cap:  xxxx xxxx  0.00  xxxx xxxx  0.00  0.50 xxxx  xxxx  xxxx xxxx  xxxx
------------|---------------||---------------||---------------||---------------|
Level Of Service Module:
2Way95thQ:   xxxx xxxx xxxxx  xxxx xxxx xxxxx   2.9 xxxx xxxxx  xxxx xxxx xxxxx
Control Del:xxxxx xxxx xxxxx xxxxx xxxx xxxxx   9.7 xxxx xxxxx xxxxx xxxx xxxxx
LOS by Move:    *    *     *     *    *     *     A    *     *     *    *     *
Movement:     LT - LTR - RT    LT - LTR - RT    LT - LTR - RT    LT - LTR - RT
Shared Cap.: xxxx xxxx xxxxx  xxxx xxxx xxxxx  xxxx xxxx xxxxx  xxxx xxxx xxxxx
SharedQueue:xxxxx xxxx xxxxx xxxxx xxxx xxxxx xxxxx xxxx xxxxx xxxxx xxxx xxxxx
Shrd ConDel:xxxxx xxxx xxxxx xxxxx xxxx xxxxx xxxxx xxxx xxxxx xxxxx xxxx xxxxx
Shared LOS:     *    *     *     *    *     *     *    *     *     *    *     *
ApproachDel:    xxxxxx           xxxxxx           xxxxxx           xxxxxx
ApproachLOS:         *                *                *                *
Note: Queue reported is the number of cars per lane.
```

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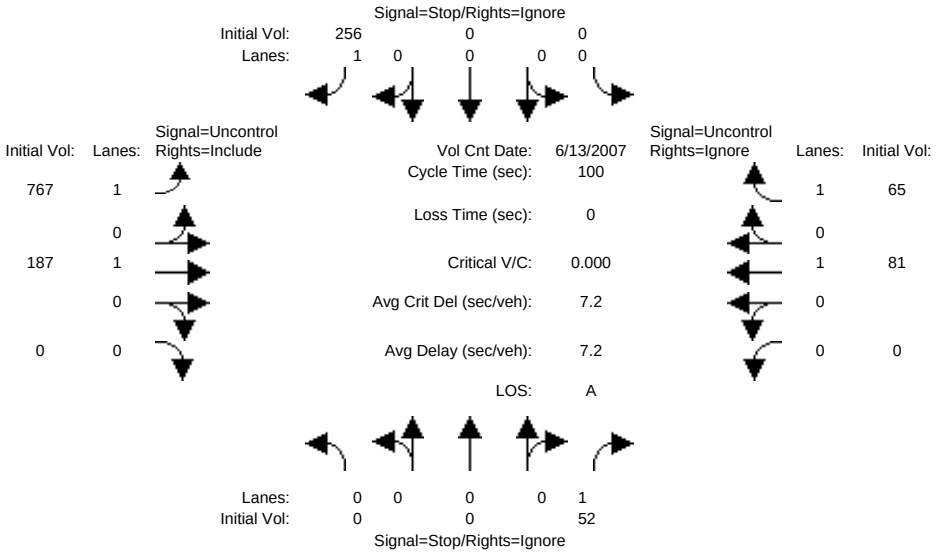
Milpitas Near-Term Cumulative Analysis

Level Of Service Computation Report
2000 HCM Unsignalized (Future Volume Alternative)
Project PM

Intersection #108: Scott Creek Rd. & I-680 NB Ramps




```
Street Name:          I-680 NB Ramps                    Scott Creek Rd.
Approach:      North Bound      South Bound       East Bound       West Bound
Movement:     L  -  T  -  R    L  -  T  -  R    L  -  T  -  R    L  -  T  -  R
------------|---------------||---------------||---------------||---------------|
Volume Module: >> Count Date: 13 Jun 2007 <<
Base Vol:       0    0    52     0    0   256   767  187     0     0   81    65
Growth Adj:  1.00 1.00  1.00  1.00 1.00  1.00  1.00 1.00  1.00  1.00 1.00  1.00
Initial Bse:    0    0    52     0    0   256   767  187     0     0   81    65
Added Vol:      0    0     0     0    0     0     0    0     0     0    0     0
PasserByVol:    0    0     0     0    0     0     0    0     0     0    0     0
Initial Fut:    0    0    52     0    0   256   767  187     0     0   81    65
User Adj:    1.00 1.00  0.00  1.00 1.00  0.00  1.00 1.00  1.00  1.00 1.00  0.00
PHF Adj:     1.00 1.00  0.00  1.00 1.00  0.00  1.00 1.00  1.00  1.00 1.00  0.00
PHF Volume:     0    0     0     0    0     0   767  187     0     0   81     0
Reduct Vol:     0    0     0     0    0     0     0    0     0     0    0     0
FinalVolume:    0    0     0     0    0     0   767  187     0     0   81     0
------------|---------------||---------------||---------------||---------------|
Critical Gap Module:
Critical Gp:xxxxx xxxx   6.2 xxxxx xxxx   6.2   4.1 xxxx xxxxx xxxxx xxxx xxxxx
FollowUpTim:xxxxx xxxx   3.3 xxxxx xxxx   3.3   2.2 xxxx xxxxx xxxxx xxxx xxxxx
------------|---------------||---------------||---------------||---------------|
Capacity Module:
Cnflict Vol: xxxx xxxx   187  xxxx xxxx    81    81 xxxx xxxxx  xxxx xxxx xxxxx
Potent Cap.: xxxx xxxx   860  xxxx xxxx   985  1529 xxxx xxxxx  xxxx xxxx xxxxx
Move Cap.:   xxxx xxxx   860  xxxx xxxx   985  1529 xxxx xxxxx  xxxx xxxx xxxxx
Volume/Cap:  xxxx xxxx  0.00  xxxx xxxx  0.00  0.50 xxxx  xxxx  xxxx xxxx  xxxx
------------|---------------||---------------||---------------||---------------|
Level Of Service Module:
2Way95thQ:   xxxx xxxx xxxxx  xxxx xxxx xxxxx   2.9 xxxx xxxxx  xxxx xxxx xxxxx
Control Del:xxxxx xxxx xxxxx xxxxx xxxx xxxxx   9.7 xxxx xxxxx xxxxx xxxx xxxxx
LOS by Move:    *    *     *     *    *     *     A    *     *     *    *     *
Movement:     LT - LTR - RT    LT - LTR - RT    LT - LTR - RT    LT - LTR - RT
Shared Cap.: xxxx xxxx xxxxx  xxxx xxxx xxxxx  xxxx xxxx xxxxx  xxxx xxxx xxxxx
SharedQueue:xxxxx xxxx xxxxx xxxxx xxxx xxxxx xxxxx xxxx xxxxx xxxxx xxxx xxxxx
Shrd ConDel:xxxxx xxxx xxxxx xxxxx xxxx xxxxx xxxxx xxxx xxxxx xxxxx xxxx xxxxx
Shared LOS:     *    *     *     *    *     *     *    *     *     *    *     *
ApproachDel:    xxxxxx           xxxxxx           xxxxxx           xxxxxx
ApproachLOS:         *                *                *                *
Note: Queue reported is the number of cars per lane.
```

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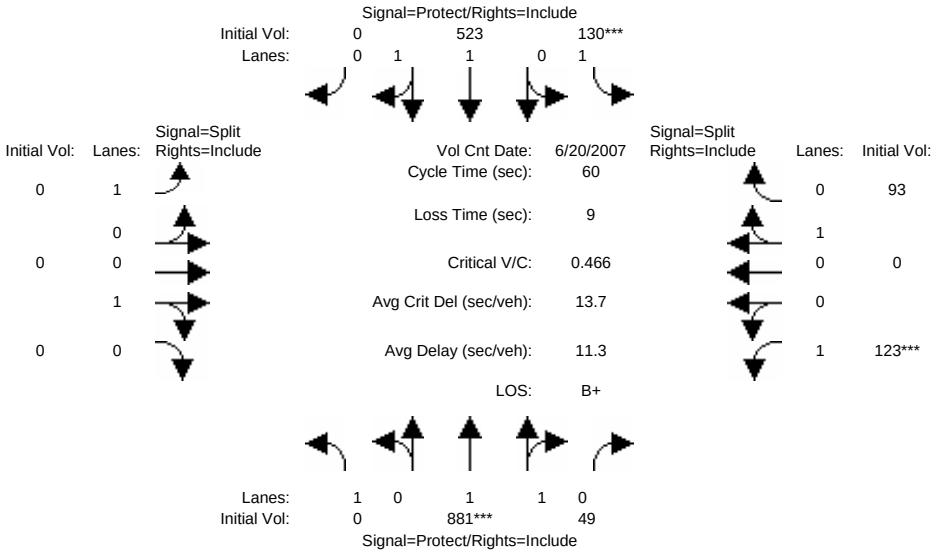
Milpitas Near-Term Cumulative Analysis

Level Of Service Computation Report
2000 HCM Operations (Future Volume Alternative)
Existing PM

Intersection #109: McCarthy Blvd. & Ranch Dr. (N)



Street Name:	McCarthy Blvd.						Ranch Dr. (N)					
Approach:	North Bound			South Bound			East Bound			West Bound		
Movement:	L	T	R	L	T	R	L	T	R	L	T	R
Min. Green:	7	10	10	7	10	0	0	0	0	10	0	10
Volume Module: >> Count Date: 20 Jun 2007 << 6-9												
Base Vol:	0	881	49	130	523	0	0	0	0	123	0	93
Growth Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Initial Bse:	0	881	49	130	523	0	0	0	0	123	0	93
Added Vol:	0	0	0	0	0	0	0	0	0	0	0	0
PasserByVol:	0	0	0	0	0	0	0	0	0	0	0	0
Initial Fut:	0	881	49	130	523	0	0	0	0	123	0	93
User Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
PHF Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
PHF Volume:	0	881	49	130	523	0	0	0	0	123	0	93
Reduct Vol:	0	0	0	0	0	0	0	0	0	0	0	0
Reduced Vol:	0	881	49	130	523	0	0	0	0	123	0	93
PCE Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
MLF Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
FinalVolume:	0	881	49	130	523	0	0	0	0	123	0	93
Saturation Flow Module:												
Sat/Lane:	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900
Adjustment:	0.92	0.98	0.95	0.92	0.97	0.92	0.92	1.00	0.92	0.92	1.00	0.95
Lanes:	1.00	1.89	0.11	1.00	2.00	0.00	1.00	1.00	0.00	1.00	0.00	1.00
Final Sat.:	1750	3505	195	1750	3700	0	1750	1900	0	1750	0	1800
Capacity Analysis Module:												
Vol/Sat:	0.00	0.25	0.25	0.07	0.14	0.00	0.00	0.00	0.00	0.07	0.00	0.05
Crit Moves:		****		****						****		
Green Time:	0.0	31.6	31.6	9.4	41.0	0.0	0.0	0.0	0.0	10.0	0.0	10.0
Volume/Cap:	0.00	0.48	0.48	0.48	0.21	0.00	0.00	0.00	0.00	0.42	0.00	0.31
Delay/Veh:	0.0	9.8	9.8	29.0	3.7	0.0	0.0	0.0	0.0	26.8	0.0	24.6
User DelAdj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
AdjDel/Veh:	0.0	9.8	9.8	29.0	3.7	0.0	0.0	0.0	0.0	26.8	0.0	24.6
LOS by Move:	A	A	A	C	A	A	A	A	A	C	A	C
HCM2k95thQ:	0	11	11	6	4	0	0	0	0	6	0	4

Note: Queue reported is the number of cars per lane.

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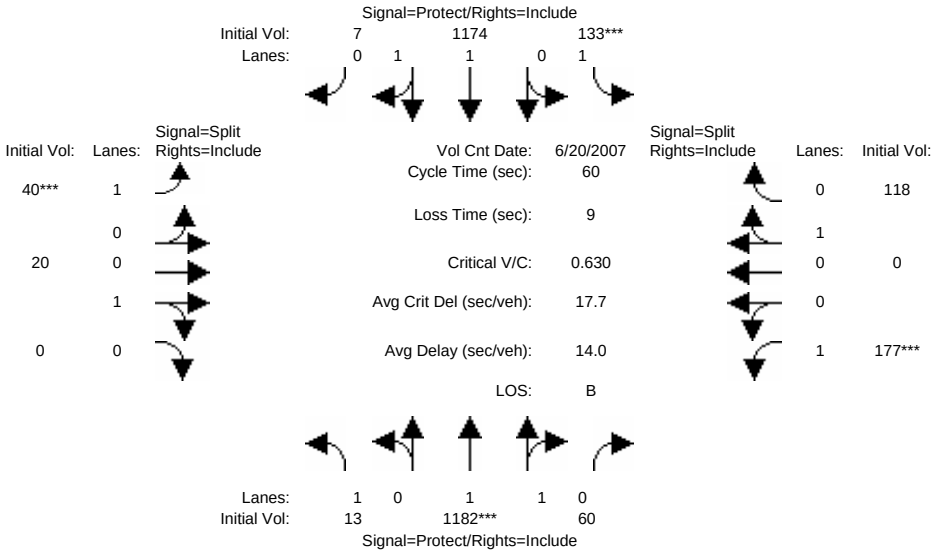
Milpitas Near-Term Cumulative Analysis

Level Of Service Computation Report
2000 HCM Operations (Future Volume Alternative)
Background PM

Intersection #109: McCarthy Blvd. & Ranch Dr. (N)



Street Name:	McCarthy Blvd.						Ranch Dr. (N)					
Approach:	North Bound			South Bound			East Bound			West Bound		
Movement:	L -	T -	R	L -	T -	R	L -	T -	R	L -	T -	R
Min. Green:	7	10	10	7	10	0	0	0	0	10	0	10
Volume Module: >> Count Date: 20 Jun 2007 << 6-9												
Base Vol:	0	881	49	130	523	0	0	0	0	123	0	93
Growth Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Initial Bse:	0	881	49	130	523	0	0	0	0	123	0	93
Added Vol:	0	0	0	0	0	0	0	0	0	0	0	0
ATI:	13	301	11	3	651	7	40	20	0	54	0	25
Initial Fut:	13	1182	60	133	1174	7	40	20	0	177	0	118
User Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
PHF Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
PHF Volume:	13	1182	60	133	1174	7	40	20	0	177	0	118
Reduct Vol:	0	0	0	0	0	0	0	0	0	0	0	0
Reduced Vol:	13	1182	60	133	1174	7	40	20	0	177	0	118
PCE Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
MLF Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
FinalVolume:	13	1182	60	133	1174	7	40	20	0	177	0	118
Saturation Flow Module:												
Sat/Lane:	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900
Adjustment:	0.92	0.98	0.95	0.92	0.97	0.95	0.92	0.95	0.92	0.92	1.00	0.95
Lanes:	1.00	1.90	0.10	1.00	1.99	0.01	1.00	1.00	0.00	1.00	0.00	1.00
Final Sat.:	1750	3521	179	1750	3678	22	1750	1800	0	1750	0	1800
Capacity Analysis Module:												
Vol/Sat:	0.01	0.34	0.34	0.08	0.32	0.32	0.02	0.01	0.00	0.10	0.00	0.07
Crit Moves:		****			****			****			****	
Green Time:	0.9	31.7	31.7	7.2	38.0	38.0	2.2	2.2	0.0	10.0	0.0	10.0
Volume/Cap:	0.50	0.64	0.64	0.64	0.50	0.50	0.64	0.31	0.00	0.61	0.00	0.39
Delay/Veh:	86.0	11.7	11.7	39.0	6.7	6.7	68.7	40.2	0.0	32.2	0.0	26.1
User DelAdj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
AdjDel/Veh:	86.0	11.7	11.7	39.0	6.7	6.7	68.7	40.2	0.0	32.2	0.0	26.1
LOS by Move:	F	B+	B+	D	A	A	E	D	A	C-	A	C
HCM2k95thQ:	2	16	16	8	12	12	4	2	0	9	0	5

Note: Queue reported is the number of cars per lane.

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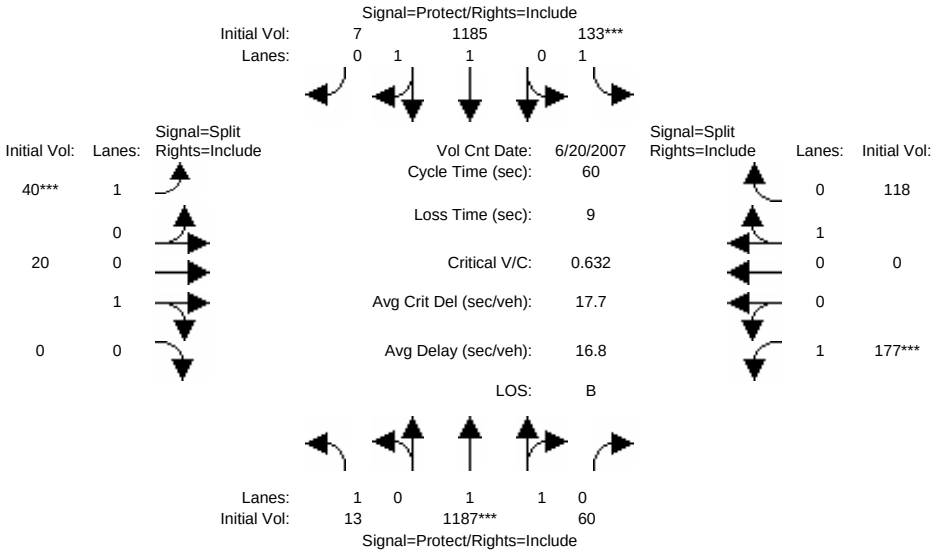
Milpitas Near-Term Cumulative Analysis

Level Of Service Computation Report
2000 HCM Operations (Future Volume Alternative)
Project PM

Intersection #109: McCarthy Blvd. & Ranch Dr. (N)



Street Name:	McCarthy Blvd.						Ranch Dr. (N)					
Approach:	North Bound			South Bound			East Bound			West Bound		
Movement:	L	T	R	L	T	R	L	T	R	L	T	R
Min. Green:	7	10	10	7	10	0	0	0	0	10	0	10
Volume Module: >> Count Date: 20 Jun 2007 << 6-9												
Base Vol:	13	1182	60	133	1174	7	40	20	0	177	0	118
Growth Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Initial Bse:	13	1182	60	133	1174	7	40	20	0	177	0	118
Added Vol:	0	5	0	0	11	0	0	0	0	0	0	0
PasserByVol:	0	0	0	0	0	0	0	0	0	0	0	0
Initial Fut:	13	1187	60	133	1185	7	40	20	0	177	0	118
User Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
PHF Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
PHF Volume:	13	1187	60	133	1185	7	40	20	0	177	0	118
Reduct Vol:	0	0	0	0	0	0	0	0	0	0	0	0
Reduced Vol:	13	1187	60	133	1185	7	40	20	0	177	0	118
PCE Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
MLF Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
FinalVolume:	13	1187	60	133	1185	7	40	20	0	177	0	118
Saturation Flow Module:												
Sat/Lane:	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900
Adjustment:	0.92	0.98	0.95	0.92	0.97	0.95	0.92	0.95	0.92	0.92	1.00	0.95
Lanes:	1.00	1.90	0.10	1.00	1.99	0.01	1.00	1.00	0.00	1.00	0.00	1.00
Final Sat.:	1750	3522	178	1750	3678	22	1750	1800	0	1750	0	1800
Capacity Analysis Module:												
Vol/Sat:	0.01	0.34	0.34	0.08	0.32	0.32	0.02	0.01	0.00	0.10	0.00	0.07
Crit Moves:		****		****			****			****		
Green Time:	10.3	31.7	31.7	7.1	28.5	28.5	2.1	2.1	0.0	10.0	0.0	10.0
Volume/Cap:	0.04	0.64	0.64	0.64	0.68	0.68	0.64	0.31	0.00	0.61	0.00	0.39
Delay/Veh:	21.0	11.7	11.7	39.2	14.3	14.3	69.0	40.3	0.0	32.2	0.0	26.1
User DelAdj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
AdjDel/Veh:	21.0	11.7	11.7	39.2	14.3	14.3	69.0	40.3	0.0	32.2	0.0	26.1
LOS by Move:	C+	B+	B+	D	B	B	E	D	A	C-	A	C
HCM2k95thQ:	1	16	16	8	17	17	4	2	0	9	0	5

Note: Queue reported is the number of cars per lane.

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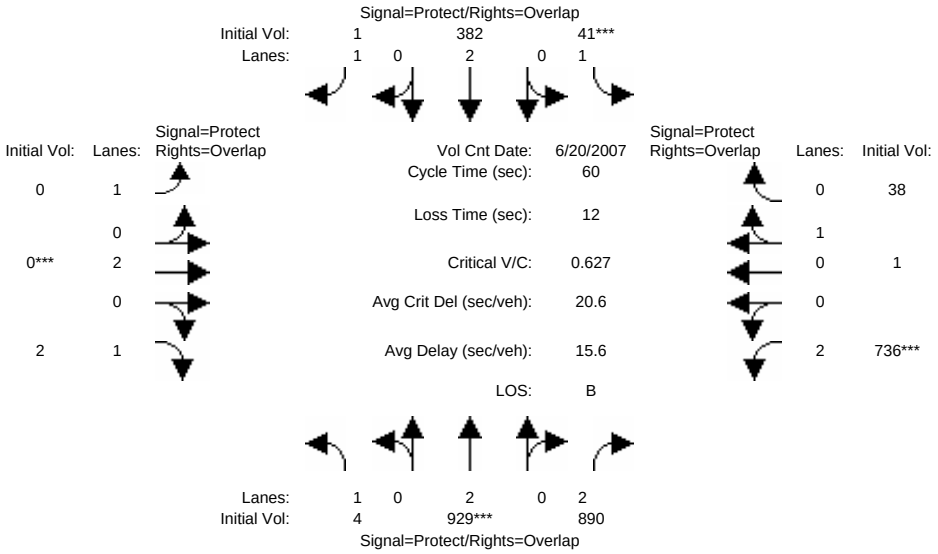
Milpitas Near-Term Cumulative Analysis

Level Of Service Computation Report
2000 HCM Operations (Future Volume Alternative)
Existing PM

Intersection #110: McCarthy Blvd. & Ranch Dr. (S)



Street Name:	McCarthy Blvd.						Ranch Dr. (S)					
Approach:	North Bound			South Bound			East Bound			West Bound		
Movement:	L -	T -	R	L -	T -	R	L -	T -	R	L -	T -	R
Min. Green:	7	10	10	7	10	10	7	10	10	7	10	10
Volume Module: >> Count Date: 20 Jun 2007 << 6-9pm												
Base Vol:	4	929	890	41	382	1	0	0	2	736	1	38
Growth Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Initial Bse:	4	929	890	41	382	1	0	0	2	736	1	38
Added Vol:	0	0	0	0	0	0	0	0	0	0	0	0
PasserByVol:	0	0	0	0	0	0	0	0	0	0	0	0
Initial Fut:	4	929	890	41	382	1	0	0	2	736	1	38
User Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
PHF Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
PHF Volume:	4	929	890	41	382	1	0	0	2	736	1	38
Reduct Vol:	0	0	0	0	0	0	0	0	0	0	0	0
Reduced Vol:	4	929	890	41	382	1	0	0	2	736	1	38
PCE Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
MLF Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
FinalVolume:	4	929	890	41	382	1	0	0	2	736	1	38
Saturation Flow Module:												
Sat/Lane:	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900
Adjustment:	0.92	1.00	0.83	0.92	1.00	0.92	0.92	1.00	0.92	0.83	0.95	0.95
Lanes:	1.00	2.00	2.00	1.00	2.00	1.00	1.00	2.00	1.00	2.00	0.03	0.97
Final Sat.:	1750	3800	3150	1750	3800	1750	1750	3800	1750	3150	46	1754
Capacity Analysis Module:												
Vol/Sat:	0.00	0.24	0.28	0.02	0.10	0.00	0.00	0.00	0.00	0.23	0.02	0.02
Crit Moves:		****		****				****		****		
Green Time:	11.5	21.0	41.0	7.0	16.4	16.4	0.0	0.0	11.5	20.0	20.0	27.0
Volume/Cap:	0.01	0.70	0.41	0.20	0.37	0.00	0.00	0.00	0.01	0.70	0.06	0.05
Delay/Veh:	19.7	19.9	4.8	26.2	18.6	15.8	0.0	0.0	19.6	21.2	13.8	9.4
User DelAdj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
AdjDel/Veh:	19.7	19.9	4.8	26.2	18.6	15.8	0.0	0.0	19.6	21.2	13.8	9.4
LOS by Move:	B-	B-	A	C	B-	B	A	A	B-	C+	B	A
HCM2k95thQ:	0	14	9	2	7	0	0	0	0	15	1	1

Note: Queue reported is the number of cars per lane.

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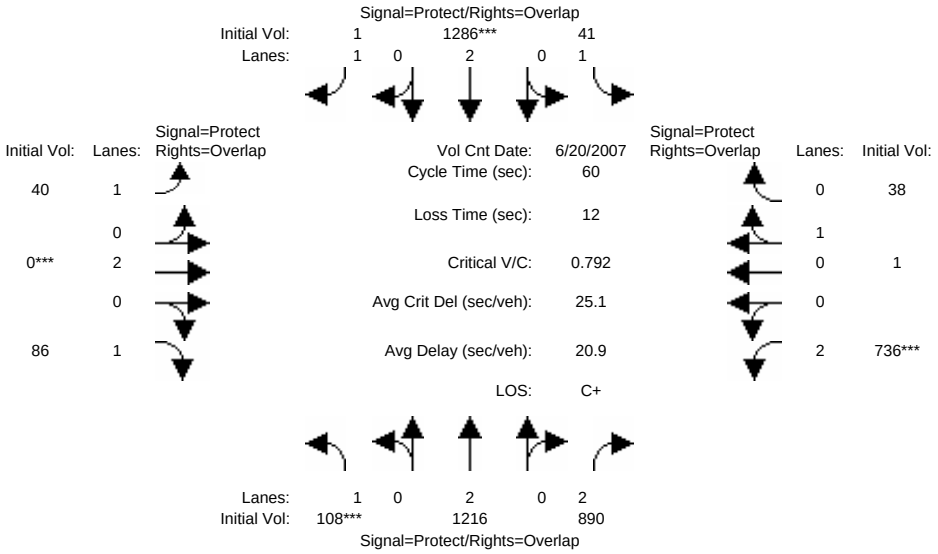
Milpitas Near-Term Cumulative Analysis

Level Of Service Computation Report
2000 HCM Operations (Future Volume Alternative)
Background PM

Intersection #110: McCarthy Blvd. & Ranch Dr. (S)



Street Name:	McCarthy Blvd.						Ranch Dr. (S)					
Approach:	North Bound			South Bound			East Bound			West Bound		
Movement:	L	T	R	L	T	R	L	T	R	L	T	R
Min. Green:	7	10	10	7	10	10	7	10	10	7	10	10
Volume Module: >> Count Date: 20 Jun 2007 << 6-9pm												
Base Vol:	4	929	890	41	382	1	0	0	2	736	1	38
Growth Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Initial Bse:	4	929	890	41	382	1	0	0	2	736	1	38
Added Vol:	0	0	0	0	0	0	0	0	0	0	0	0
ATI:	104	287	0	0	904	0	40	0	84	0	0	0
Initial Fut:	108	1216	890	41	1286	1	40	0	86	736	1	38
User Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
PHF Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
PHF Volume:	108	1216	890	41	1286	1	40	0	86	736	1	38
Reduct Vol:	0	0	0	0	0	0	0	0	0	0	0	0
Reduced Vol:	108	1216	890	41	1286	1	40	0	86	736	1	38
PCE Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
MLF Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
FinalVolume:	108	1216	890	41	1286	1	40	0	86	736	1	38
Saturation Flow Module:												
Sat/Lane:	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900
Adjustment:	0.92	1.00	0.83	0.92	1.00	0.92	0.92	1.00	0.92	0.83	0.95	0.95
Lanes:	1.00	2.00	2.00	1.00	2.00	1.00	1.00	2.00	1.00	2.00	0.03	0.97
Final Sat.:	1750	3800	3150	1750	3800	1750	1750	3800	1750	3150	46	1754
Capacity Analysis Module:												
Vol/Sat:	0.06	0.32	0.28	0.02	0.34	0.00	0.02	0.00	0.05	0.23	0.02	0.02
Crit Moves:	****				****			****		****		
Green Time:	7.0	22.9	39.6	8.4	24.3	26.3	2.0	0.0	9.0	16.7	14.7	23.1
Volume/Cap:	0.53	0.84	0.43	0.17	0.84	0.00	0.68	0.00	0.33	0.84	0.09	0.06
Delay/Veh:	34.4	22.8	5.5	24.3	21.7	9.5	77.1	0.0	26.1	29.7	17.9	11.8
User DelAdj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
AdjDel/Veh:	34.4	22.8	5.5	24.3	21.7	9.5	77.1	0.0	26.1	29.7	17.9	11.8
LOS by Move:	C-	C+	A	C	C+	A	E-	A	C	C	B	B+
HCM2k95thQ:	5	20	10	2	23	0	5	0	4	18	2	1

Note: Queue reported is the number of cars per lane.

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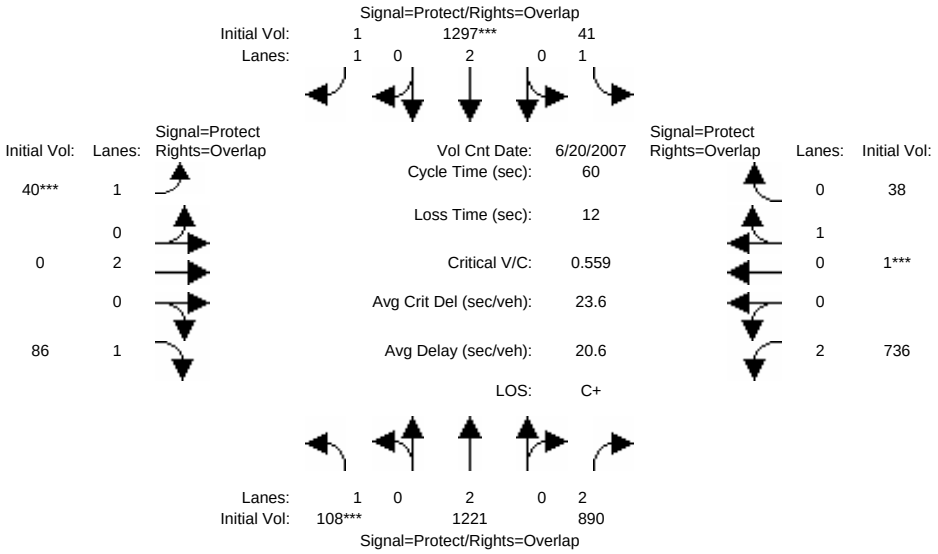
Milpitas Near-Term Cumulative Analysis

Level Of Service Computation Report
2000 HCM Operations (Future Volume Alternative)
Project PM

Intersection #110: McCarthy Blvd. & Ranch Dr. (S)



Street Name:	McCarthy Blvd.						Ranch Dr. (S)					
Approach:	North Bound			South Bound			East Bound			West Bound		
Movement:	L	T	R	L	T	R	L	T	R	L	T	R
Min. Green:	7	10	10	7	10	10	7	10	10	7	10	10
Volume Module: >> Count Date: 20 Jun 2007 << 6-9pm												
Base Vol:	108	1216	890	41	1286	1	40	0	86	736	1	38
Growth Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Initial Bse:	108	1216	890	41	1286	1	40	0	86	736	1	38
Added Vol:	0	5	0	0	11	0	0	0	0	0	0	0
PasserByVol:	0	0	0	0	0	0	0	0	0	0	0	0
Initial Fut:	108	1221	890	41	1297	1	40	0	86	736	1	38
User Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
PHF Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
PHF Volume:	108	1221	890	41	1297	1	40	0	86	736	1	38
Reduct Vol:	0	0	0	0	0	0	0	0	0	0	0	0
Reduced Vol:	108	1221	890	41	1297	1	40	0	86	736	1	38
PCE Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
MLF Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
FinalVolume:	108	1221	890	41	1297	1	40	0	86	736	1	38
Saturation Flow Module:												
Sat/Lane:	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900
Adjustment:	0.92	1.00	0.83	0.92	1.00	0.92	0.92	1.00	0.92	0.83	0.95	0.95
Lanes:	1.00	2.00	2.00	1.00	2.00	1.00	1.00	2.00	1.00	2.00	0.03	0.97
Final Sat.:	1750	3800	3150	1750	3800	1750	1750	3800	1750	3150	46	1754
Capacity Analysis Module:												
Vol/Sat:	0.06	0.32	0.28	0.02	0.34	0.00	0.02	0.00	0.05	0.23	0.02	0.02
Crit Moves:	****				****		****				****	
Green Time:	7.0	22.7	39.7	8.3	24.0	31.0	7.0	0.0	14.0	17.0	10.0	18.3
Volume/Cap:	0.53	0.85	0.43	0.17	0.85	0.00	0.20	0.00	0.21	0.82	0.13	0.07
Delay/Veh:	34.4	23.4	5.4	24.4	22.7	7.0	26.1	0.0	19.7	28.7	22.2	15.1
User DelAdj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
AdjDel/Veh:	34.4	23.4	5.4	24.4	22.7	7.0	26.1	0.0	19.7	28.7	22.2	15.1
LOS by Move:	C-	C	A	C	C+	A	C	A	B-	C	C+	B
HCM2k95thQ:	5	20	10	2	24	0	2	0	4	18	2	1

Note: Queue reported is the number of cars per lane.

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Milpitas Near-Term Cumulative Analysis

Summary Scenario Comparison Report (With Average Critical Delay)
Future Volume Alternative

Intersection		Existing AM				Background AM				Project AM						???			
		LOS	Avg Del (sec)	Crit V/C	Avg Crit Del (sec)	LOS	Avg Del (sec)	Crit V/C	Avg Crit Del (sec)	LOS	Avg Del (sec)	Crit V/C	Crit V/C Change	Avg Crit Del (sec)	Avg Crit Del Change	LOS	Avg Del (sec)	Crit V/C	Avg Crit Del (sec)
#1	McCarthy Blvd. & SR 237 WB Ramps	B	16.4	0.670	18.8	B	17.9	0.831	26.3	C	25.4	0.972	+ 0.141	51.5	+ 25.2	?	xx.x	x.xxx	xx.x
#2	McCarthy Blvd. & SR 237 EB Ramps	B	16.3	0.458	14.1	B	15.9	0.579	17.0	B-	19.7	0.792	+ 0.214	24.3	+ 7.3	?	xx.x	x.xxx	xx.x
#3	SR 237 & I-880 SB Ramps	B+	11.3	0.669	11.6	B+	11.2	0.742	12.2	B	12.7	0.821	+ 0.079	14.4	+ 2.3	?	xx.x	x.xxx	xx.x
#4	Calaveras Blvd. & I-880 NB Ramps	C+	22.9	0.701	21.3	C+	22.6	0.768	22.1	C	24.7	0.802	+ 0.034	23.0	+ 0.9	?	xx.x	x.xxx	xx.x
#5	Calaveras Blvd. / Abel St. [CMP]	E+	55.4	0.975	65.9	F	89.2	1.130	121.2	F	99.9	1.170	+ 0.040	138.4	+ 17.3	?	xx.x	x.xxx	xx.x
#6	Milpitas Blvd. / Calaveras Blvd. [CMP]	E	70.2	1.067	91.4	F	127.0	1.284	178.3	F	142.0	1.336	+ 0.052	200.5	+ 22.2	?	xx.x	x.xxx	xx.x
#7	McCarthy Blvd. & Bellew Dr.	C+	20.3	0.520	22.1	C	24.0	0.621	26.1	C	31.8	0.699	+ 0.078	42.3	+ 16.2	?	xx.x	x.xxx	xx.x
#8	Barber Ln & Bellew Dr	B+	11.8	0.078	16.2	B+	10.9	0.119	16.2	B	16.1	0.369	+0.250	19.8	+ 3.6	?	xx.x	x.xxx	xx.x
#9	McCarthy Blvd. & Alder Dr.	C+	20.5	0.171	27.2	B	17.2	0.686	14.3	C	23.1	0.843	+ 0.157	22.8	+ 8.5	?	xx.x	x.xxx	xx.x
#10	McCarthy Blvd. & Tasman Dr.	D-	51.3	0.911	56.0	F	108.0	1.154	136.2	F	118.0	1.187	+ 0.033	151.4	+ 15.1	?	xx.x	x.xxx	xx.x
#11	Tasman Dr. & Alder Dr.	B	14.5	0.464	12.6	C+	21.4	0.718	20.5	C	24.7	0.737	+ 0.018	21.7	+ 1.3	?	xx.x	x.xxx	xx.x
#12	Barber Ln / Alder Dr	B	13.1	0.196	14.3	B	14.0	0.283	15.2	B	17.4	0.478	+ 0.195	16.2	+ 1.0	?	xx.x	x.xxx	xx.x
#13	Tasman Dr. & I-880 SB Ramps	C+	20.4	0.625	19.2	C+	23.0	0.808	21.5	C	26.0	0.884	+ 0.076	25.3	+ 3.8	?	xx.x	x.xxx	xx.x
#14	Great Mall Pkwy. & I-880 NB Ramps	C	23.0	0.616	22.4	E	61.0	1.012	67.2	F	111.6	1.081	+ 0.069	133.2	+ 66.0	?	xx.x	x.xxx	xx.x
#15	McCarthy Blvd / Barber Ln	B	15.3	0.282	16.5	B	16.2	0.351	17.7	C+	21.0	0.468	+ 0.117	24.5	+ 6.9	?	xx.x	x.xxx	xx.x
#16	McCarthy Blvd. / Montague Expy. [CMP]	D	40.8	0.720	38.8	D-	53.4	0.989	59.1	E	63.7	1.032	+ 0.044	74.7	+ 15.6	?	xx.x	x.xxx	xx.x
#17	Montague Expy. / Great Mall Pkwy./Capitol Ave. [CMP]	D	46.6	0.675	50.5	E-	79.8	1.122	129.1	F	89.1	1.169	+ 0.047	147.7	+ 18.5	?	xx.x	x.xxx	xx.x
#18	Trimble / Montague Expy [CMP]	C	27.2	0.382	13.2	C	26.2	0.295	26.2	C	26.3	0.305	+ 0.010	26.3	+ 0.1	?	xx.x	x.xxx	xx.x
#19	Montague Expy / River Oaks	C-	33.0	0.416	28.9	D	44.0	0.529	42.3	D	42.3	0.542	+ 0.013	42.1	- 0.2	?	xx.x	x.xxx	xx.x
#20	Zanker Rd / Montague Expy [CMP]	D	39.9	0.556	46.4	D	50.8	0.764	61.0	D	50.9	0.775	+ 0.011	61.3	+ 0.3	?	xx.x	x.xxx	xx.x
#21	N 1st St / Montague Expy [CMP]	D-	54.6	0.901	70.4	F	146.0	1.344	234.5	F	148.5	1.356	+ 0.012	239.1	+ 4.6	?	xx.x	x.xxx	xx.x
#22	Montague Expy / De la Cruz [CMP]	D	40.1	0.742	46.9	D	40.3	0.809	47.1	D	40.3	0.816	+ 0.007	47.3	+ 0.1	?	xx.x	x.xxx	xx.x
#23	Capitol/Cropley	D+	35.8	0.586	40.6	D+	36.4	0.614	41.8	D	39.8	0.676	+ 0.062	45.7	+ 4.0	?	xx.x	x.xxx	xx.x
#24	Great Mall Pkwy. & Main St.	C	27.9	0.410	22.1	C	31.8	0.552	27.0	C	31.2	0.577	+ 0.025	26.3	- 0.7	?	xx.x	x.xxx	xx.x
#25	Great Mall Pkwy. & Abel St.	D	40.6	0.722	41.8	D	41.2	0.819	43.2	D	43.0	0.858	+ 0.039	45.8	+ 2.6	?	xx.x	x.xxx	xx.x
#26	Zanker Rd / Tasman Dr	C-	33.5	0.654	38.5	D	39.5	0.837	47.8	D	39.7	0.847	+ 0.009	48.4	+ 0.6	?	xx.x	x.xxx	xx.x

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Milpitas Near-Term Cumulative Analysis

Summary Scenario Comparison Report (With Average Critical Delay)
Future Volume Alternative

Intersection		Existing AM				Background AM				Project AM						???			
		LOS	Avg Del (sec)	Crit V/C	Avg Crit Del (sec)	LOS	Avg Del (sec)	Crit V/C	Avg Crit Del (sec)	LOS	Avg Del (sec)	Crit V/C	Crit V/C Change	Avg Crit Del (sec)	Avg Crit Del Change	LOS	Avg Del (sec)	Crit V/C	Avg Crit Del (sec)
#27	N. 1st St / Tasman Dr	C	31.2	0.474	29.0	D	39.9	0.847	42.8	D	40.5	0.855	+ 0.009	43.6	+ 0.9	?	xx.x	x.xxx	xx.x
#101	Dixon Landing Rd. & McCarthy Blvd.	A	9.7	0.348	10.6	B+	10.0	0.415	11.6	B+	11.4	0.482	+ 0.067	13.2	+ 1.6	?	xx.x	x.xxx	xx.x
#102	Dixon Landing Rd. & I-880 SB Ramps	A	9.5	0.218	7.5	A	9.9	0.285	8.2	B	12.1	0.305	+ 0.021	13.4	+ 5.2	?	xx.x	x.xxx	xx.x
#103	Dixon Landing Rd. & I-880 NB Ramps	B	16.6	0.483	16.0	B	16.9	0.529	16.1	B	16.9	0.544	+ 0.015	16.2	+ 0.1	?	xx.x	x.xxx	xx.x
#104	California Circle & I-880 NB Ramps	B	12.2	0.275	12.7	B	12.6	0.287	13.3	B	12.6	0.287	+ 0.000	13.3	+ 0.0	?	xx.x	x.xxx	xx.x
#105	Dixon Landing Rd. & N. Milpitas Blvd.	D-	52.3	0.839	62.6	E	67.0	0.990	86.5	E-	76.4	1.048	+ 0.059	101.9	+ 15.4	?	xx.x	x.xxx	xx.x
#106	Scott Creek Rd. & Warm Springs Blvd.	C	27.5	0.550	28.2	C	28.1	0.569	29.9	C	29.1	0.569	+ 0.001	37.3	+ 7.4	?	xx.x	x.xxx	xx.x
#107	Scott Creek Rd. & I-680 SB Ramps	C	0.6	0.000	0.6	C	0.6	0.000	0.6	C	0.6	0.000	+ 0.000	0.6	+ 0.0	?	xx.x	x.xxx	xx.x
#108	Scott Creek Rd. & I-680 NB Ramps	A	3.2	0.000	3.2	A	3.8	0.000	3.8	A	3.8	0.000	+ 0.000	3.8	+ 0.0	?	xx.x	x.xxx	xx.x
#109	McCarthy Blvd. & Ranch Dr. (N)	A	6.8	0.164	10.2	B+	11.6	0.442	12.2	B	14.4	0.453	+ 0.011	12.4	+ 0.1	?	xx.x	x.xxx	xx.x
#110	McCarthy Blvd. & Ranch Dr. (S)	B	12.8	0.206	9.3	B	14.6	0.455	14.3	D	50.0	0.583	+ 0.128	79.4	+ 65.1	?	xx.x	x.xxx	xx.x

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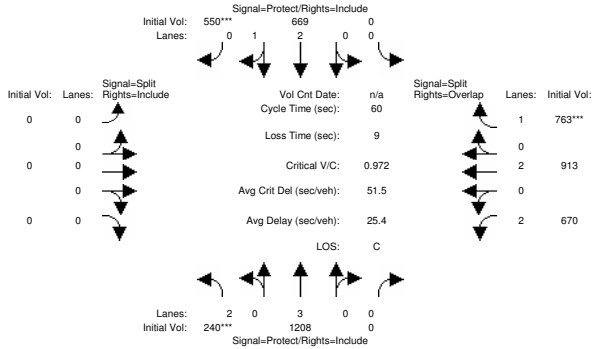
Level Of Service Computation Report
2000 HCM Operations (Future Volume Alternative)
Project AM

Intersection #1: McCarthy Blvd. & SR 237 WB Ramps



Street Name:	McCarthy Blvd.						SR 237 WB Ramps					
Approach:	North Bound			South Bound			East Bound			West Bound		
Movement:	L - T - R			L - T - R			L - T - R			L - T - R		
Min. Green:	7	10	0	0	10	10	0	0	0	10	10	10
Volume Module:												
Base Vol:	205	897	0	0	654	550	0	0	0	511	913	572
Growth Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Initial Bse:	205	897	0	0	654	550	0	0	0	511	913	572
Added Vol:	35	311	0	0	15	0	0	0	0	159	0	191
PasserByVol:	0	0	0	0	0	0	0	0	0	0	0	0
Initial Fut:	240	1208	0	0	669	550	0	0	0	670	913	763
User Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
PHF Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
PHF Volume:	240	1208	0	0	669	550	0	0	0	670	913	763
Reduct Vol:	0	0	0	0	0	0	0	0	0	0	0	0
Reduced Vol:	240	1208	0	0	669	550	0	0	0	670	913	763
PCE Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
MLF Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
FinalVolume:	240	1208	0	0	669	550	0	0	0	670	913	763
Saturation Flow Module:												
Sat/Lane:	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900
Adjustment:	0.83	1.00	0.92	0.92	1.00	0.92	0.92	1.00	0.92	0.83	1.00	0.92
Lanes:	2.00	3.00	0.00	0.00	2.00	1.00	0.00	0.00	0.00	2.00	2.00	1.00
Final Sat.:	3150	5700	0	0	3800	1750	0	0	0	3150	3800	1750
Capacity Analysis Module:												
Vol/Sat:	0.08	0.21	0.00	0.00	0.18	0.31	0.00	0.00	0.00	0.21	0.24	0.44
Crit Moves:	****					****						****
Green Time:	7.0	25.4	0.0	0.0	18.4	18.4	0.0	0.0	0.0	25.6	25.6	25.6
Volume/Cap:	0.65	0.50	0.00	0.00	0.57	1.02	0.00	0.00	0.00	0.50	0.56	1.02
Delay/Veh:	29.5	12.8	0.0	0.0	17.9	52.9	0.0	0.0	0.0	12.8	13.5	56.2
User DelAdj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
AdjDel/Veh:	29.5	12.8	0.0	0.0	17.9	52.9	0.0	0.0	0.0	12.8	13.5	56.2
LOS by Move:	C	B	A	A	B	D-	A	A	A	B	B	E+
HCM2k95thQ:	5	10	0	0	10	27	0	0	0	11	13	42

Note: Queue reported is the number of cars per lane.

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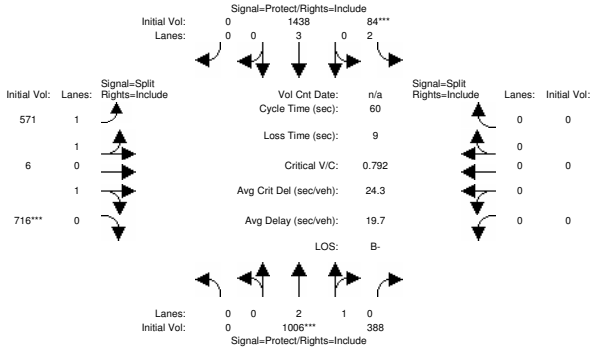
Level Of Service Computation Report
2000 HCM Operations (Future Volume Alternative)
Project AM

Intersection #2: McCarthy Blvd. & SR 237 EB Ramps



Street Name:	McCarthy Blvd.						SR 237 EB Ramps					
Approach:	North Bound			South Bound			East Bound			West Bound		
Movement:	L - T - R			L - T - R			L - T - R			L - T - R		
Min. Green:	0	10	10	7	10	0	10	10	10	0	0	0
Volume Module:												
Base Vol:	0	826	115	84	1264	0	404	6	535	0	0	0
Growth Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Initial Bse:	0	826	115	84	1264	0	404	6	535	0	0	0
Added Vol:	0	180	273	0	174	0	167	0	181	0	0	0
PasserByVol:	0	0	0	0	0	0	0	0	0	0	0	0
Initial Fut:	0	1006	388	84	1438	0	571	6	716	0	0	0
User Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
PHF Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
PHF Volume:	0	1006	388	84	1438	0	571	6	716	0	0	0
Reduct Vol:	0	0	0	0	0	0	0	0	0	0	0	0
Reduced Vol:	0	1006	388	84	1438	0	571	6	716	0	0	0
PCE Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
MLF Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
FinalVolume:	0	1006	388	84	1438	0	571	6	716	0	0	0
Saturation Flow Module:												
Sat/Lane:	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900
Adjustment:	0.92	1.00	0.95	0.83	1.00	0.92	0.93	0.95	0.95	0.92	1.00	0.92
Lanes:	0.00	2.13	0.87	2.00	3.00	0.00	1.98	0.02	1.00	0.00	0.00	0.00
Final Sat.:	0	4039	1558	3150	5700	0	3489	37	1800	0	0	0
Capacity Analysis Module:												
Vol/Sat:	0.00	0.25	0.25	0.03	0.25	0.00	0.16	0.16	0.40	0.00	0.00	0.00
Crit Moves:		****		****					****			
Green Time:	0.0	16.9	16.9	7.0	23.9	0.0	27.1	27.1	27.1	0.0	0.0	0.0
Volume/Cap:	0.00	0.88	0.88	0.23	0.63	0.00	0.36	0.36	0.88	0.00	0.00	0.00
Delay/Veh:	0.0	26.8	26.8	24.4	15.1	0.0	10.9	10.9	21.6	0.0	0.0	0.0
User DelAdj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
AdjDel/Veh:	0.0	26.8	26.8	24.4	15.1	0.0	10.9	10.9	21.6	0.0	0.0	0.0
LOS by Move:	A	C	C	C	B	A	B+	B+	C+	A	A	A
HCM2k95thQ:	0	17	17	2	13	0	8	8	29	0	0	0

Note: Queue reported is the number of cars per lane.

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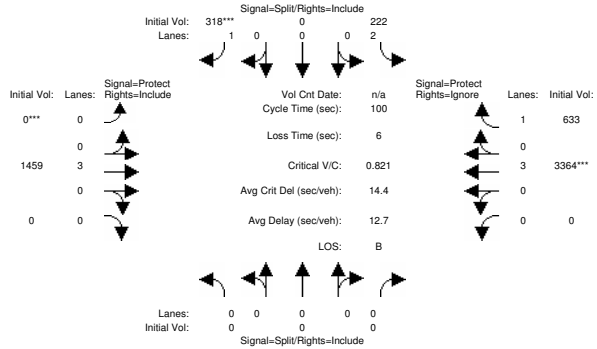
Level Of Service Computation Report
2000 HCM Operations (Future Volume Alternative)
Project AM

Intersection #3: SR 237 & I-880 SB Ramps



Street Name:	I-880 SB Ramps						SR 237					
Approach:	North Bound			South Bound			East Bound			West Bound		
Movement:	L	T	R	L	T	R	L	T	R	L	T	R
Min. Green:	0	0	0	10	0	10	0	10	0	0	10	0
Volume Module:												
Base Vol:	0	0	0	222	0	286	0	1298	0	0	3046	633
Growth Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Initial Bse:	0	0	0	222	0	286	0	1298	0	0	3046	633
Added Vol:	0	0	0	0	0	32	0	161	0	0	318	0
PasserByVol:	0	0	0	0	0	0	0	0	0	0	0	0
Initial Fut:	0	0	0	222	0	318	0	1459	0	0	3364	633
User Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	0.00
PHF Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	0.00
PHF Volume:	0	0	0	222	0	318	0	1459	0	0	3364	0
Reduct Vol:	0	0	0	0	0	0	0	0	0	0	0	0
Reduced Vol:	0	0	0	222	0	318	0	1459	0	0	3364	0
PCE Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	0.00
MLF Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	0.00
FinalVolume:	0	0	0	222	0	318	0	1459	0	0	3364	0
Saturation Flow Module:												
Sat/Lane:	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900
Adjustment:	0.92	1.00	0.92	0.83	1.00	0.92	0.92	1.00	0.92	0.92	1.00	0.92
Lanes:	0.00	0.00	0.00	2.00	0.00	1.00	0.00	3.00	0.00	0.00	3.00	1.00
Final Sat.:	0	0	0	3150	0	1750	0	5700	0	0	5700	1750
Capacity Analysis Module:												
Vol/Sat:	0.00	0.00	0.00	0.07	0.00	0.18	0.00	0.26	0.00	0.00	0.59	0.00
Crit Moves:						****	****				****	
Green Time:	0.0	0.0	0.0	22.1	0.0	22.1	0.0	71.9	0.0	0.0	71.9	0.0
Volume/Cap:	0.00	0.00	0.00	0.32	0.00	0.82	0.00	0.36	0.00	0.00	0.82	0.00
Delay/Veh:	0.0	0.0	0.0	32.9	0.0	50.2	0.0	5.4	0.0	0.0	11.1	0.0
User DelAdj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
AdjDel/Veh:	0.0	0.0	0.0	32.9	0.0	50.2	0.0	5.4	0.0	0.0	11.1	0.0
LOS by Move:	A	A	A	C-	A	D	A	A	A	A	B+	A
HCM2k95thQ:	0	0	0	7	0	23	0	11	0	0	38	0

Note: Queue reported is the number of cars per lane.

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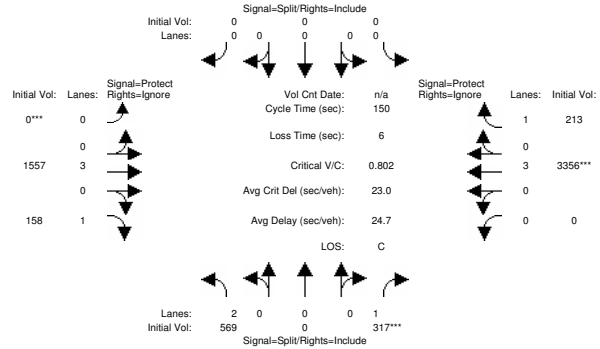
Intersection #4: Calaveras Blvd. & I-880 NB Ramps



Street Name:	I-880 NB Ramps						Calaveras Blvd.					
Approach:	North Bound			South Bound			East Bound			West Bound		
Movement:	L	T	R	L	T	R	L	T	R	L	T	R
Min. Green:	7	10	10	7	10	10	7	10	10	7	10	10
Volume Module:												
Base Vol:	438	0	317	0	0	0	0	1462	92	0	3169	213
Growth Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Initial Bse:	438	0	317	0	0	0	0	1462	92	0	3169	213
Added Vol:	131	0	0	0	0	0	0	95	66	0	187	0
PasserByVol:	0	0	0	0	0	0	0	0	0	0	0	0
Initial Fut:	569	0	317	0	0	0	0	1557	158	0	3356	213
User Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	0.00	1.00	1.00	0.00
PHF Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	0.00	1.00	1.00	0.00
PHF Volume:	569	0	317	0	0	0	0	1557	0	0	3356	0
Reduct Vol:	0	0	0	0	0	0	0	0	0	0	0	0
Reduced Vol:	569	0	317	0	0	0	0	1557	0	0	3356	0
PCE Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	0.00	1.00	1.00	0.00
MLF Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	0.00	1.00	1.00	0.00
FinalVolume:	569	0	317	0	0	0	0	1557	0	0	3356	0
Saturation Flow Module:												
Sat/Lane:	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900
Adjustment:	0.83	1.00	0.92	0.92	1.00	0.92	0.92	1.00	0.92	0.92	1.00	0.92
Lanes:	2.00	0.00	1.00	0.00	0.00	0.00	0.00	3.00	1.00	0.00	3.00	1.00
Final Sat.:	3150	0	1750	0	0	0	0	5700	1750	0	5700	1750
Capacity Analysis Module:												
Vol/Sat:	0.18	0.00	0.18	0.00	0.00	0.00	0.00	0.27	0.00	0.00	0.59	0.00
Crit Moves:			****				****				****	
Green Time:	32.2	0.0	32.2	0.0	0.0	0.0	0.0	95.5	0.0	0.0	105	0.0
Volume/Cap:	0.84	0.00	0.84	0.00	0.00	0.00	0.00	0.43	0.00	0.00	0.84	0.00
Delay/Veh:	65.7	0.0	72.2	0.0	0.0	0.0	0.0	13.7	0.0	0.0	18.4	0.0
User DelAdj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
AdjDel/Veh:	65.7	0.0	72.2	0.0	0.0	0.0	0.0	13.7	0.0	0.0	18.4	0.0
LOS by Move:	E	A	E	A	A	A	A	B	A	A	B-	A
HCM2k95thQ:	30	0	30	0	0	0	0	21	0	0	61	0

Note: Queue reported is the number of cars per lane.

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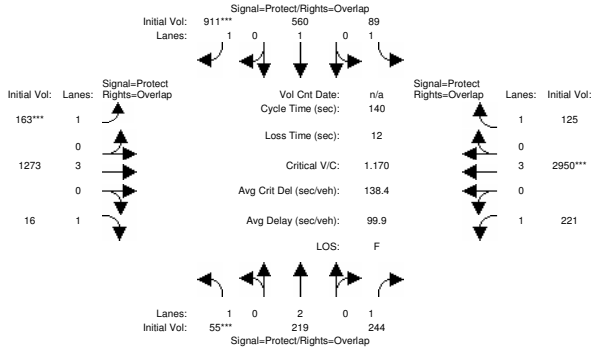
Intersection #5: Calaveras Blvd. / Abel St. [CMP]



Street Name:	Abel St.						Calaveras Blvd.					
Approach:	North Bound			South Bound			East Bound			West Bound		
Movement:	L -	T -	R	L -	T -	R	L -	T -	R	L -	T -	R
Min. Green:	7	10	10	7	10	10	7	10	10	7	10	10
Volume Module:												
Base Vol:	55	219	244	89	560	897	162	1195	16	221	2786	125
Growth Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Initial Bse:	55	219	244	89	560	897	162	1195	16	221	2786	125
Added Vol:	0	0	0	0	0	14	1	78	0	0	164	0
PasserByVol:	0	0	0	0	0	0	0	0	0	0	0	0
Initial Fut:	55	219	244	89	560	911	163	1273	16	221	2950	125
User Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
PHF Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
PHF Volume:	55	219	244	89	560	911	163	1273	16	221	2950	125
Reduct Vol:	0	0	0	0	0	0	0	0	0	0	0	0
Reduced Vol:	55	219	244	89	560	911	163	1273	16	221	2950	125
PCE Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
MLF Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
FinalVolume:	55	219	244	89	560	911	163	1273	16	221	2950	125
Saturation Flow Module:												
Sat/Lane:	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900
Adjustment:	0.92	1.00	0.92	0.92	1.00	0.92	0.92	1.00	0.92	0.92	1.00	0.92
Lanes:	1.00	2.00	1.00	1.00	1.00	1.00	1.00	3.00	1.00	1.00	3.00	1.00
Final Sat.:	1750	3800	1750	1750	1900	1750	1750	5700	1750	1750	5700	1750
Capacity Analysis Module:												
Vol/Sat:	0.03	0.06	0.14	0.05	0.29	0.52	0.09	0.22	0.01	0.13	0.52	0.07
Crit Moves:	****					****	****				****	
Green Time:	7.0	33.2	58.9	23.6	49.8	60.7	10.9	45.5	52.5	25.7	60.3	84.0
Volume/Cap:	0.63	0.24	0.33	0.30	0.83	1.20	1.20	0.69	0.02	0.69	1.20	0.12
Delay/Veh:	78.9	43.4	27.6	51.5	49.6	142.6	205.8	42.2	27.6	59.5	135	12.1
User DelAdj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
AdjDel/Veh:	78.9	43.4	27.6	51.5	49.6	142.6	205.8	42.2	27.6	59.5	135	12.1
LOS by Move:	E-	D	C	D-	D	F	F	D	C	E+	F	B
HCM2k95thQ:	7	7	14	7	39	97	21	28	1	16	90	5

Note: Queue reported is the number of cars per lane.

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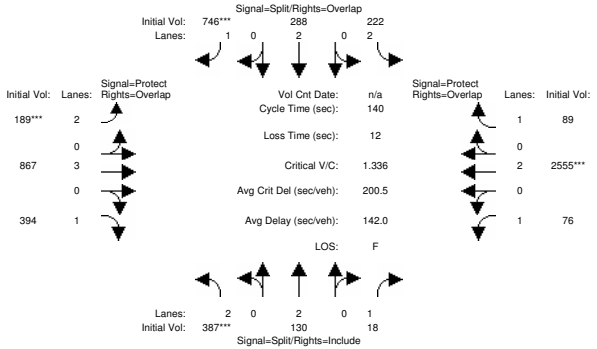
Intersection #6: Milpitas Blvd. / Calaveras Blvd. [CMP]



Street Name:	Milpitas Blvd.						Calaveras Blvd.					
Approach:	North Bound			South Bound			East Bound			West Bound		
Movement:	L -	T -	R	L -	T -	R	L -	T -	R	L -	T -	R
Min. Green:	10	10	10	10	10	10	7	10	10	7	10	10
Volume Module:												
Base Vol:	382	130	18	222	288	732	170	822	379	76	2410	89
Growth Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Initial Bse:	382	130	18	222	288	732	170	822	379	76	2410	89
Added Vol:	5	0	0	0	0	14	19	45	15	0	145	0
PasserByVol:	0	0	0	0	0	0	0	0	0	0	0	0
Initial Fut:	387	130	18	222	288	746	189	867	394	76	2555	89
User Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
PHF Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
PHF Volume:	387	130	18	222	288	746	189	867	394	76	2555	89
Reduct Vol:	0	0	0	0	0	0	0	0	0	0	0	0
Reduced Vol:	387	130	18	222	288	746	189	867	394	76	2555	89
PCE Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
MLF Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
FinalVolume:	387	130	18	222	288	746	189	867	394	76	2555	89
Saturation Flow Module:												
Sat/Lane:	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900
Adjustment:	0.83	1.00	0.92	0.92	1.00	0.92	0.83	1.00	0.92	0.92	1.00	0.92
Lanes:	2.00	2.00	1.00	2.00	2.00	1.00	2.00	3.00	1.00	1.00	2.00	1.00
Final Sat.:	3150	3800	1750	3150	3800	1750	3150	5700	1750	1750	3800	1750
Capacity Analysis Module:												
Vol/Sat:	0.12	0.03	0.01	0.07	0.08	0.43	0.06	0.15	0.23	0.04	0.67	0.05
Crit Moves:	****					****	****				****	
Green Time:	12.8	12.8	12.8	38.2	38.2	45.2	7.0	58.0	70.8	19.1	70.0	108.2
Volume/Cap:	1.34	0.37	0.11	0.26	0.28	1.32	1.20	0.37	0.45	0.32	1.34	0.07
Delay/Veh:	239.8	62.9	59.8	40.6	40.7	204.2	202.0	28.8	23.7	58.1	193	3.9
User DelAdj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
AdjDel/Veh:	239.8	62.9	59.8	40.6	40.7	204.2	202.0	28.8	23.7	58.1	193	3.9
LOS by Move:	F	E	E+	D	D	F	F	C	C	E+	F	A
HCM2k95thQ:	31	6	2	9	9	96	14	15	19	7	153	3

Note: Queue reported is the number of cars per lane.

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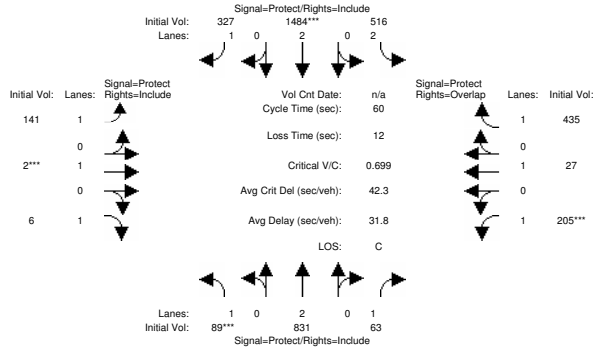
Intersection #7: McCarthy Blvd. & Bellew Dr. (interim)



Street Name:	McCarthy Blvd.						Bellew Dr.					
Approach:	North Bound			South Bound			East Bound			West Bound		
Movement:	L - T - R			L - T - R			L - T - R			L - T - R		
Min. Green:	7	10	10	7	10	10	7	10	10	7	10	10
Volume Module:												
Base Vol:	89	831	63	516	1484	327	141	2	6	205	27	435
Growth Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Initial Bse:	89	831	63	516	1484	327	141	2	6	205	27	435
Added Vol:	0	0	0	0	0	0	0	0	0	0	0	0
PasserByVol:	0	0	0	0	0	0	0	0	0	0	0	0
Initial Fut:	89	831	63	516	1484	327	141	2	6	205	27	435
User Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
PHF Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
PHF Volume:	89	831	63	516	1484	327	141	2	6	205	27	435
Reduct Vol:	0	0	0	0	0	0	0	0	0	0	0	0
Reduced Vol:	89	831	63	516	1484	327	141	2	6	205	27	435
PCE Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
MLF Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
FinalVolume:	89	831	63	516	1484	327	141	2	6	205	27	435
Saturation Flow Module:												
Sat/Lane:	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900
Adjustment:	0.92	1.00	0.92	0.83	1.00	0.92	0.92	1.00	0.92	0.92	1.00	0.92
Lanes:	1.00	2.00	1.00	2.00	2.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Final Sat.:	1750	3800	1750	3150	3800	1750	1750	1900	1750	1750	1900	1750
Capacity Analysis Module:												
Vol/Sat:	0.05	0.22	0.04	0.16	0.39	0.19	0.08	0.00	0.00	0.12	0.01	0.25
Crit Moves:	****				****			****		****		
Green Time:	7.0	17.6	17.6	13.2	23.8	23.8	7.1	10.0	10.0	7.2	10.1	23.3
Volume/Cap:	0.44	0.74	0.12	0.74	0.98	0.47	0.68	0.01	0.02	0.98	0.08	0.64
Delay/Veh:	31.3	23.6	16.0	28.9	37.2	15.7	42.3	20.9	21.0	84.3	21.6	19.5
User DelAdj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
AdjDel/Veh:	31.3	23.6	16.0	28.9	37.2	15.7	42.3	20.9	21.0	84.3	21.6	19.5
LOS by Move:	C	C	B	C	D+	B	D	C+	C+	F	C+	B-
HCM2kAvgQ:	2	9	1	7	21	5	4	0	0	9	0	8

Note: Queue reported is the number of cars per lane.

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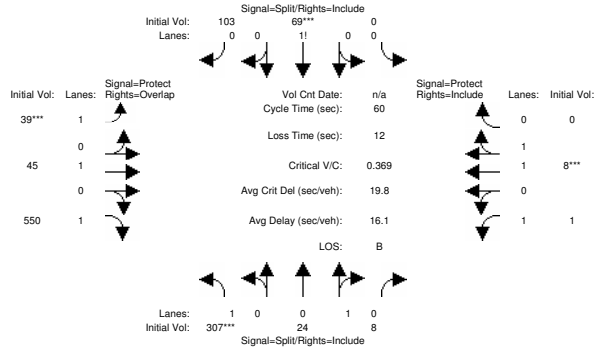
Intersection #8: Barber Ln & Bellew Dr (interim)



Street Name:	Barber Ln						Bellew Dr					
Approach:	North Bound			South Bound			East Bound			West Bound		
Movement:	L - T - R			L - T - R			L - T - R			L - T - R		
Min. Green:	10	10	10	10	10	10	7	10	10	7	10	10
Volume Module:												
Base Vol:	307	24	8	0	69	103	39	45	550	1	8	0
Growth Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Initial Bse:	307	24	8	0	69	103	39	45	550	1	8	0
Added Vol:	0	0	0	0	0	0	0	0	0	0	0	0
PasserByVol:	0	0	0	0	0	0	0	0	0	0	0	0
Initial Fut:	307	24	8	0	69	103	39	45	550	1	8	0
User Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
PHF Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
PHF Volume:	307	24	8	0	69	103	39	45	550	1	8	0
Reduct Vol:	0	0	0	0	0	0	0	0	0	0	0	0
Reduced Vol:	307	24	8	0	69	103	39	45	550	1	8	0
PCE Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
MLF Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
FinalVolume:	307	24	8	0	69	103	39	45	550	1	8	0
Saturation Flow Module:												
Sat/Lane:	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900
Adjustment:	0.92	0.95	0.95	0.92	0.95	0.95	0.92	1.00	0.92	0.92	0.97	0.92
Lanes:	1.00	0.75	0.25	0.00	0.40	0.60	1.00	1.00	1.00	1.00	2.00	0.00
Final Sat.:	1750	1350	450	0	722	1078	1750	1900	1750	1750	3700	0
Capacity Analysis Module:												
Vol/Sat:	0.18	0.02	0.02	0.00	0.10	0.10	0.02	0.02	0.31	0.00	0.00	0.00
Crit Moves:	****				****		****				****	
Green Time:	20.1	20.1	20.1	0.0	10.9	10.9	7.0	10.0	30.1	7.0	10.0	0.0
Volume/Cap:	0.52	0.05	0.05	0.00	0.52	0.52	0.19	0.14	0.63	0.00	0.01	0.00
Delay/Veh:	17.0	13.6	13.6	0.0	23.7	23.7	24.4	21.5	12.3	23.4	20.9	0.0
User DelAdj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
AdjDel/Veh:	17.0	13.6	13.6	0.0	23.7	23.7	24.4	21.5	12.3	23.4	20.9	0.0
LOS by Move:	B	B	B	A	C	C	C	C+	B	C	C+	A
HCM2kAvgQ:	6	0	0	0	4	4	1	1	9	0	0	0

Note: Queue reported is the number of cars per lane.

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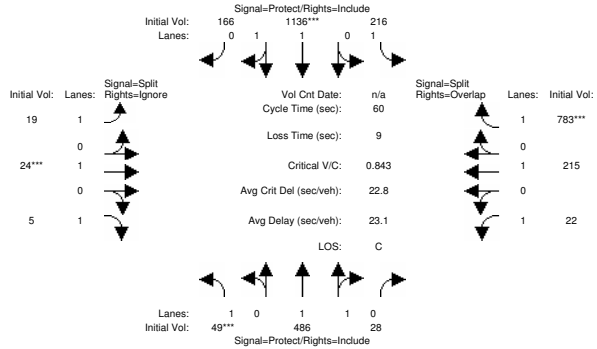
Intersection #9: McCarthy Blvd. & Alder Dr.



Street Name:	McCarthy Blvd.						Alder Dr.					
Approach:	North Bound			South Bound			East Bound			West Bound		
Movement:	L - T - R			L - T - R			L - T - R			L - T - R		
Min. Green:	0	10	10	7	10	0	0	0	0	10	0	10
Volume Module:												
Base Vol:	0	439	28	216	1106	0	0	0	0	22	0	714
Growth Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Initial Bse:	0	439	28	216	1106	0	0	0	0	22	0	714
Added Vol:	49	47	0	0	30	166	19	24	5	0	215	69
PasserByVol:	0	0	0	0	0	0	0	0	0	0	0	0
Initial Fut:	49	486	28	216	1136	166	19	24	5	22	215	783
User Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	0.00	1.00	1.00	1.00
PHF Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	0.00	1.00	1.00	1.00
PHF Volume:	49	486	28	216	1136	166	19	24	0	22	215	783
Reduct Vol:	0	0	0	0	0	0	0	0	0	0	0	0
Reduced Vol:	49	486	28	216	1136	166	19	24	0	22	215	783
PCE Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	0.00	1.00	1.00	1.00
MLF Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	0.00	1.00	1.00	1.00
FinalVolume:	49	486	28	216	1136	166	19	24	0	22	215	783
Saturation Flow Module:												
Sat/Lane:	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900
Adjustment:	0.92	0.98	0.95	0.92	0.98	0.95	0.92	1.00	0.92	0.92	1.00	0.92
Lanes:	1.00	1.89	0.11	1.00	1.74	0.26	1.00	1.00	1.00	1.00	1.00	1.00
Final Sat.:	1750	3498	202	1750	3228	472	1750	1900	1750	1750	1900	1750
Capacity Analysis Module:												
Vol/Sat:	0.03	0.14	0.14	0.12	0.35	0.35	0.01	0.01	0.00	0.01	0.11	0.45
Crit Moves:	****				****			****				****
Green Time:	2.0	15.5	15.5	11.5	25.0	25.0	0.9	0.9	0.0	23.1	23.1	34.6
Volume/Cap:	0.84	0.54	0.54	0.64	0.84	0.84	0.72	0.84	0.00	0.03	0.29	0.78
Delay/Veh:	107.5	21.3	21.3	31.5	21.5	21.5	129.4	153	0.0	11.6	13.8	15.6
User DelAdj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
AdjDel/Veh:	107.5	21.3	21.3	31.5	21.5	21.5	129.4	153	0.0	11.6	13.8	15.6
LOS by Move:	F	C+	C+	C	C+	C+	F	F	A	B+	B	B
HCM2k95thQ:	6	10	10	10	24	24	4	4	0	1	6	21

Note: Queue reported is the number of cars per lane.

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Level Of Service Computation Report
2000 HCM Operations (Future Volume Alternative)
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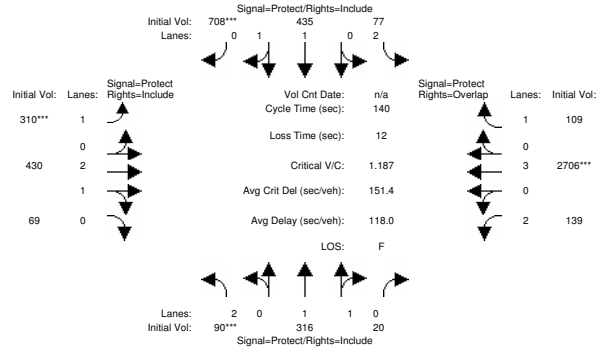
Intersection #10: McCarthy Blvd. & Tasman Dr.



Street Name:	McCarthy Blvd.						Tasman Dr.					
Approach:	North Bound			South Bound			East Bound			West Bound		
Movement:	L - T - R			L - T - R			L - T - R			L - T - R		
Min. Green:	7	10	10	7	10	10	7	10	10	7	10	10
Volume Module:												
Base Vol:	90	252	20	77	413	694	278	423	69	139	2684	109
Growth Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Initial Bse:	90	252	20	77	413	694	278	423	69	139	2684	109
Added Vol:	0	64	0	0	22	14	32	7	0	0	22	0
PasserByVol:	0	0	0	0	0	0	0	0	0	0	0	0
Initial Fut:	90	316	20	77	435	708	310	430	69	139	2706	109
User Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
PHF Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
PHF Volume:	90	316	20	77	435	708	310	430	69	139	2706	109
Reduct Vol:	0	0	0	0	0	0	0	0	0	0	0	0
Reduced Vol:	90	316	20	77	435	708	310	430	69	139	2706	109
PCE Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
MLF Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
FinalVolume:	90	316	20	77	435	708	310	430	69	139	2706	109
Saturation Flow Module:												
Sat/Lane:	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900
Adjustment:	0.83	0.98	0.95	0.83	1.00	0.92	0.92	0.99	0.95	0.83	1.00	0.92
Lanes:	2.00	1.88	0.12	2.00	1.00	1.00	1.00	2.57	0.43	2.00	3.00	1.00
Final Sat.:	3150	3480	220	3150	1900	1750	1750	4825	774	3150	5700	1750
Capacity Analysis Module:												
Vol/Sat:	0.03	0.09	0.09	0.02	0.23	0.40	0.18	0.09	0.09	0.04	0.47	0.06
Crit Moves:	****					****	****				****	
Green Time:	7.0	34.4	34.4	18.9	46.3	46.3	20.3	47.8	47.8	26.8	54.4	73.3
Volume/Cap:	0.57	0.37	0.37	0.18	0.69	1.22	1.22	0.26	0.26	0.23	1.22	0.12
Delay/Veh:	79.2	45.0	45.0	54.6	43.0	156.5	189.9	33.6	33.6	48.7	147	17.2
User DelAdj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
AdjDel/Veh:	79.2	45.0	45.0	54.6	43.0	156.5	189.9	33.6	33.6	48.7	147	17.2
LOS by Move:	E-	D	D	D-	D	F	F	C-	C-	D	F	B
HCM2k95thQ:	5	11	11	4	27	83	37	10	10	6	94	5

Note: Queue reported is the number of cars per lane.

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2000 HCM Operations (Future Volume Alternative)
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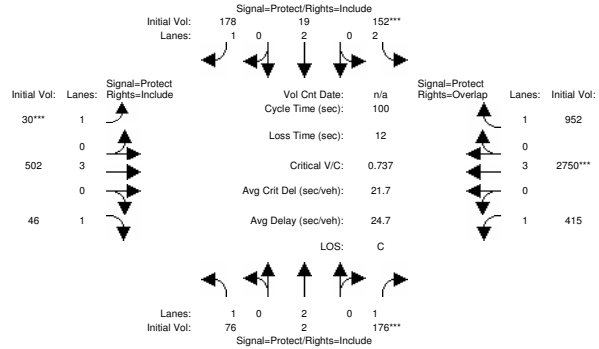
Intersection #11: Tasman Dr. & Alder Dr.



Street Name:	Alder Dr.						Tasman Dr.					
Approach:	North Bound			South Bound			East Bound			West Bound		
Movement:	L -	T -	R	L -	T -	R	L -	T -	R	L -	T -	R
Min. Green:	7	10	10	7	10	10	7	10	10	7	10	10
Volume Module:												
Base Vol:	54	2	34	128	19	178	30	502	39	353	2750	668
Growth Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Initial Bse:	54	2	34	128	19	178	30	502	39	353	2750	668
Added Vol:	22	0	142	24	0	0	0	0	7	62	0	284
PasserByVol:	0	0	0	0	0	0	0	0	0	0	0	0
Initial Fut:	76	2	176	152	19	178	30	502	46	415	2750	952
User Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
PHF Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
PHF Volume:	76	2	176	152	19	178	30	502	46	415	2750	952
Reduct Vol:	0	0	0	0	0	0	0	0	0	0	0	0
Reduced Vol:	76	2	176	152	19	178	30	502	46	415	2750	952
PCE Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
MLF Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
FinalVolume:	76	2	176	152	19	178	30	502	46	415	2750	952
Saturation Flow Module:												
Sat/Lane:	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900
Adjustment:	0.92	1.00	0.92	0.83	1.00	0.92	0.92	1.00	0.92	0.92	1.00	0.92
Lanes:	1.00	2.00	1.00	2.00	2.00	1.00	1.00	3.00	1.00	1.00	3.00	1.00
Final Sat.:	1750	3800	1750	3150	3800	1750	1750	5700	1750	1750	5700	1750
Capacity Analysis Module:												
Vol/Sat:	0.04	0.00	0.10	0.05	0.01	0.10	0.02	0.09	0.03	0.24	0.48	0.54
Crit Moves:			****	****			****				****	
Green Time:	8.1	12.8	12.8	7.0	11.7	11.7	7.0	20.2	20.2	48.0	61.2	68.2
Volume/Cap:	0.54	0.00	0.79	0.69	0.04	0.87	0.24	0.44	0.13	0.49	0.79	0.80
Delay/Veh:	58.2	38.1	66.2	61.7	39.4	79.5	48.7	36.1	33.4	19.8	16.4	16.6
User DelAdj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
AdjDel/Veh:	58.2	38.1	66.2	61.7	39.4	79.5	48.7	36.1	33.4	19.8	16.4	16.6
LOS by Move:	E+	D+	E	E	D	E-	D	D+	C-	B-	B	B
HCM2k95thQ:	6	0	12	6	1	12	2	9	3	16	34	35

Note: Queue reported is the number of cars per lane.

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Level Of Service Computation Report
2000 HCM Operations (Future Volume Alternative)
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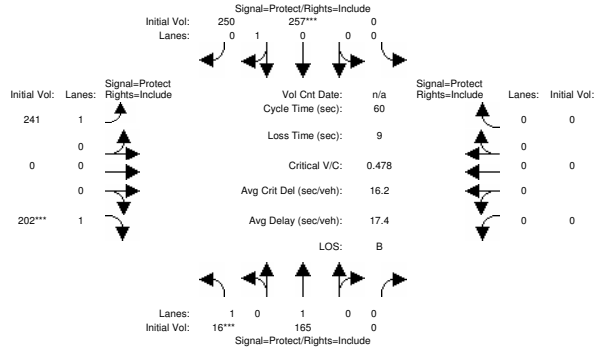
Intersection #12: Barber Ln / Alder Dr



Street Name:	Barber Ln						Alder Dr					
Approach:	North Bound			South Bound			East Bound			West Bound		
Movement:	L -	T -	R	L -	T -	R	L -	T -	R	L -	T -	R
Min. Green:	7	10	0	0	10	10	7	0	10	0	0	0
Volume Module:												
Base Vol:	16	108	0	0	123	86	172	0	202	0	0	0
Growth Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Initial Bse:	16	108	0	0	123	86	172	0	202	0	0	0
Added Vol:	0	57	0	0	134	164	69	0	0	0	0	0
PasserByVol:	0	0	0	0	0	0	0	0	0	0	0	0
Initial Fut:	16	165	0	0	257	250	241	0	202	0	0	0
User Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
PHF Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
PHF Volume:	16	165	0	0	257	250	241	0	202	0	0	0
Reduct Vol:	0	0	0	0	0	0	0	0	0	0	0	0
Reduced Vol:	16	165	0	0	257	250	241	0	202	0	0	0
PCE Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
MLF Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
FinalVolume:	16	165	0	0	257	250	241	0	202	0	0	0
Saturation Flow Module:												
Sat/Lane:	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900
Adjustment:	0.92	1.00	0.92	0.92	0.95	0.95	0.92	1.00	0.92	0.92	1.00	0.92
Lanes:	1.00	1.00	0.00	0.00	0.51	0.49	1.00	0.00	1.00	0.00	0.00	0.00
Final Sat.:	1750	1900	0	0	912	888	1750	0	1750	0	0	0
Capacity Analysis Module:												
Vol/Sat:	0.01	0.09	0.00	0.00	0.28	0.28	0.14	0.00	0.12	0.00	0.00	0.00
Crit Moves:	****				****				****			
Green Time:	7.0	38.2	0.0	0.0	31.2	31.2	12.8	0.0	12.8	0.0	0.0	0.0
Volume/Cap:	0.08	0.14	0.00	0.00	0.54	0.54	0.65	0.00	0.54	0.00	0.00	0.00
Delay/Veh:	24.4	4.6	0.0	0.0	11.9	11.9	29.9	0.0	26.5	0.0	0.0	0.0
User DelAdj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
AdjDel/Veh:	24.4	4.6	0.0	0.0	11.9	11.9	29.9	0.0	26.5	0.0	0.0	0.0
LOS by Move:	C	A	A	A	B+	B+	C	A	C	A	A	A
HCM2k95thQ:	1	3	0	0	13	13	9	0	8	0	0	0

Note: Queue reported is the number of cars per lane.

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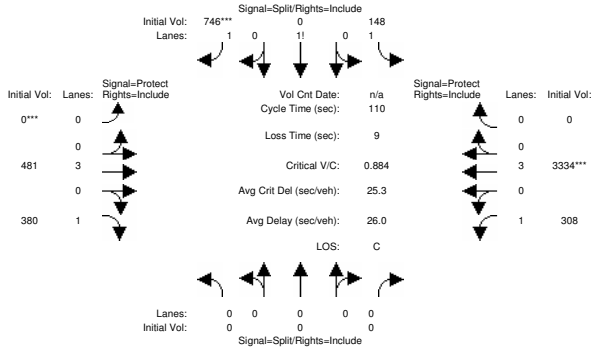
Intersection #13: Tasman Dr. & I-880 SB Ramps



Street Name:	I-880 SB Ramps									Tasman Dr.					
Approach:	North Bound			South Bound			East Bound			West Bound					
Movement:	L	T	R	L	T	R	L	T	R	L	T	R			
Min. Green:	0	0	0	10	0	10	7	10	0	7	10	0			
Volume Module:															
Base Vol:	0	0	0	148	0	660	0	408	287	308	3074	0			
Growth Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00			
Initial Bse:	0	0	0	148	0	660	0	408	287	308	3074	0			
Added Vol:	0	0	0	0	0	86	0	73	93	0	260	0			
PasserByVol:	0	0	0	0	0	0	0	0	0	0	0	0			
Initial Fut:	0	0	0	148	0	746	0	481	380	308	3334	0			
User Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00			
PHF Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00			
PHF Volume:	0	0	0	148	0	746	0	481	380	308	3334	0			
Reduct Vol:	0	0	0	0	0	0	0	0	0	0	0	0			
Reduced Vol:	0	0	0	148	0	746	0	481	380	308	3334	0			
PCE Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00			
MLF Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00			
FinalVolume:	0	0	0	148	0	746	0	481	380	308	3334	0			
Saturation Flow Module:															
Sat/Lane:	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900			
Adjustment:	0.92	1.00	0.92	0.92	1.00	0.95	0.92	1.00	0.92	0.92	1.00	0.92			
Lanes:	0.00	0.00	0.00	1.17	0.00	1.83	0.00	3.00	1.00	1.00	3.00	0.00			
Final Sat.:	0	0	0	2047	0	3295	0	5700	1750	1750	5700	0			
Capacity Analysis Module:															
Vol/Sat:	0.00	0.00	0.00	0.07	0.00	0.23	0.00	0.08	0.22	0.18	0.58	0.00			
Crit Moves:						****	****				****				
Green Time:	0.0	0.0	0.0	28.2	0.0	28.2	0.0	40.2	40.2	32.6	72.8	0.0			
Volume/Cap:	0.00	0.00	0.00	0.28	0.00	0.88	0.00	0.23	0.59	0.59	0.88	0.00			
Delay/Veh:	0.0	0.0	0.0	33.0	0.0	50.5	0.0	24.4	32.3	38.0	18.5	0.0			
User DelAdj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00			
AdjDel/Veh:	0.0	0.0	0.0	33.0	0.0	50.5	0.0	24.4	32.3	38.0	18.5	0.0			
LOS by Move:	A	A	A	C-	A	D	A	C	C-	D+	B-	A			
HCM2k95thQ:	0	0	0	8	0	28	0	8	20	16	46	0			

Note: Queue reported is the number of cars per lane.

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2000 HCM Operations (Future Volume Alternative)
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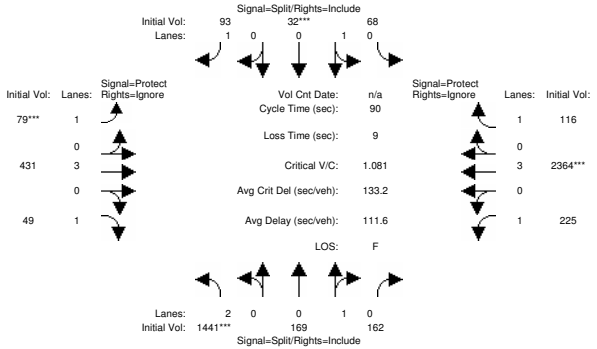
Intersection #14: Great Mall Pkwy. & I-880 NB Ramps



Street Name:	I-880 NB Ramps									Great Mall Pkwy.					
Approach:	North Bound			South Bound			East Bound			West Bound					
Movement:	L	T	R	L	T	R	L	T	R	L	T	R			
Min. Green:	10	10	10	10	10	10	7	10	10	7	10	10			
Volume Module:															
Base Vol:	1326	169	162	68	32	93	79	383	24	225	2218	116			
Growth Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00			
Initial Bse:	1326	169	162	68	32	93	79	383	24	225	2218	116			
Added Vol:	115	0	0	0	0	0	0	48	25	0	146	0			
PasserByVol:	0	0	0	0	0	0	0	0	0	0	0	0			
Initial Fut:	1441	169	162	68	32	93	79	431	49	225	2364	116			
User Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	0.00	1.00	1.00	0.00			
PHF Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	0.00	1.00	1.00	0.00			
PHF Volume:	1441	169	162	68	32	93	79	431	0	225	2364	0			
Reduct Vol:	0	0	0	0	0	0	0	0	0	0	0	0			
Reduced Vol:	1441	169	162	68	32	93	79	431	0	225	2364	0			
PCE Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	0.00	1.00	1.00	0.00			
MLF Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	0.00	1.00	1.00	0.00			
FinalVolume:	1441	169	162	68	32	93	79	431	0	225	2364	0			
Saturation Flow Module:															
Sat/Lane:	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900			
Adjustment:	0.83	0.95	0.95	0.95	0.95	0.92	0.92	1.00	0.92	0.92	1.00	0.92			
Lanes:	2.00	0.51	0.49	0.68	0.32	1.00	1.00	3.00	1.00	1.00	3.00	1.00			
Final Sat.:	3150	919	881	1224	576	1750	1750	5700	1750	1750	5700	1750			
Capacity Analysis Module:															
Vol/Sat:	0.46	0.18	0.18	0.06	0.06	0.05	0.05	0.08	0.00	0.13	0.41	0.00			
Crit Moves:	****				****		****				****				
Green Time:	33.6	33.6	33.6	10.0	10.0	10.0	7.0	17.4	0.0	20.1	30.4	0.0			
Volume/Cap:	1.23	0.49	0.49	0.50	0.50	0.48	0.58	0.39	0.00	0.58	1.23	0.00			
Delay/Veh:	137.9	24.3	24.3	46.3	46.3	45.8	56.9	32.8	0.0	37.2	137	0.0			
User DelAdj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00			
AdjDel/Veh:	137.9	24.3	24.3	46.3	46.3	45.8	56.9	32.8	0.0	37.2	137	0.0			
LOS by Move:	F	C	C	D	D	D	E+	C-	A	D+	F	A			
HCM2k95thQ:	74	14	14	7	7	7	5	7	0	11	63	0			

Note: Queue reported is the number of cars per lane.

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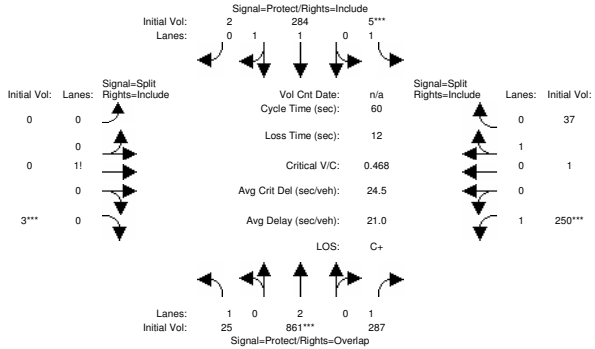
Level Of Service Computation Report
2000 HCM Operations (Future Volume Alternative)
Project AM

Intersection #15: McCarthy Blvd / Barber Ln



Street Name:	McCarthy Blvd						Barber Ln.					
Approach:	North Bound			South Bound			East Bound			West Bound		
Movement:	L -	T -	R	L -	T -	R	L -	T -	R	L -	T -	R
Min. Green:	7	10	10	7	10	10	10	10	10	10	10	10
Volume Module:												
Base Vol:	25	797	230	5	262	2	0	0	3	116	1	37
Growth Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Initial Bse:	25	797	230	5	262	2	0	0	3	116	1	37
Added Vol:	0	64	57	0	22	0	0	0	0	134	0	0
PasserByVol:	0	0	0	0	0	0	0	0	0	0	0	0
Initial Fut:	25	861	287	5	284	2	0	0	3	250	1	37
User Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
PHF Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
PHF Volume:	25	861	287	5	284	2	0	0	3	250	1	37
Reduct Vol:	0	0	0	0	0	0	0	0	0	0	0	0
Reduced Vol:	25	861	287	5	284	2	0	0	3	250	1	37
PCE Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
MLF Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
FinalVolume:	25	861	287	5	284	2	0	0	3	250	1	37
Saturation Flow Module:												
Sat/Lane:	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900
Adjustment:	0.92	1.00	0.92	0.92	0.97	0.95	0.92	1.00	0.92	0.92	0.95	0.95
Lanes:	1.00	2.00	1.00	1.00	1.99	0.01	0.00	0.00	1.00	1.00	0.03	0.97
Final Sat.:	1750	3800	1750	1750	3674	26	0	0	1750	1750	47	1753
Capacity Analysis Module:												
Vol/Sat:	0.01	0.23	0.16	0.00	0.08	0.08	0.00	0.00	0.00	0.14	0.02	0.02
Crit Moves:		****		****					****	****		
Green Time:	10.7	19.0	31.0	7.0	15.3	15.3	0.0	0.0	10.0	12.0	12.0	12.0
Volume/Cap:	0.08	0.72	0.32	0.02	0.30	0.30	0.00	0.00	0.01	0.72	0.11	0.11
Delay/Veh:	21.0	21.7	9.3	23.7	18.9	18.9	0.0	0.0	20.9	34.2	20.2	20.2
User DelAdj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
AdjDel/Veh:	21.0	21.7	9.3	23.7	18.9	18.9	0.0	0.0	20.9	34.2	20.2	20.2
LOS by Move:	C+	C+	A	C	B-	B-	A	A	C+	C-	C+	C+
HCM2k95thQ:	1	12	7	0	5	5	0	0	0	10	1	1

Note: Queue reported is the number of cars per lane.

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Level Of Service Computation Report
2000 HCM Operations (Future Volume Alternative)
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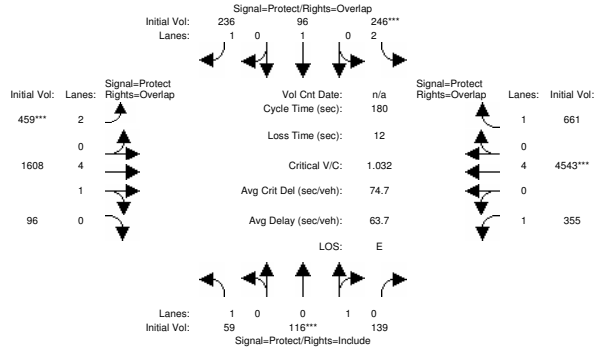
Intersection #16: McCarthy Blvd. / Montague Expy. [CMP]



Street Name:	McCarthy Blvd.						Montague Expy.					
Approach:	North Bound			South Bound			East Bound			West Bound		
Movement:	L -	T -	R	L -	T -	R	L -	T -	R	L -	T -	R
Min. Green:	7	10	10	7	10	10	7	10	10	7	10	10
Volume Module:												
Base Vol:	59	116	139	183	96	143	394	1608	96	355	4543	605
Growth Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Initial Bse:	59	116	139	183	96	143	394	1608	96	355	4543	605
Added Vol:	0	0	0	63	0	93	65	0	0	0	0	56
PasserByVol:	0	0	0	0	0	0	0	0	0	0	0	0
Initial Fut:	59	116	139	246	96	236	459	1608	96	355	4543	661
User Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
PHF Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
PHF Volume:	59	116	139	246	96	236	459	1608	96	355	4543	661
Reduct Vol:	0	0	0	0	0	0	0	0	0	0	0	0
Reduced Vol:	59	116	139	246	96	236	459	1608	96	355	4543	661
PCE Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
MLF Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
FinalVolume:	59	116	139	246	96	236	459	1608	96	355	4543	661
Saturation Flow Module:												
Sat/Lane:	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900
Adjustment:	0.92	0.95	0.95	0.83	1.00	0.92	0.83	0.99	0.95	0.92	1.00	0.92
Lanes:	1.00	0.45	0.55	2.00	1.00	1.00	2.00	4.71	0.29	1.00	4.00	1.00
Final Sat.:	1750	819	981	3150	1900	1750	3150	8869	530	1750	7600	1750
Capacity Analysis Module:												
Vol/Sat:	0.03	0.14	0.14	0.08	0.05	0.13	0.15	0.18	0.18	0.20	0.60	0.38
Crit Moves:		****		****			****				****	
Green Time:	15.8	24.7	24.7	13.6	22.5	48.0	25.4	61.2	77.0	68.5	104	117.9
Volume/Cap:	0.38	1.03	1.03	1.03	0.40	0.51	1.03	0.53	0.42	0.53	1.03	0.58
Delay/Veh:	84.1	152	151.7	154.6	80.6	70.4	128.5	48.1	36.1	44.2	60.6	18.0
User DelAdj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
AdjDel/Veh:	84.1	152	151.7	154.6	80.6	70.4	128.5	48.1	36.1	44.2	60.6	18.0
LOS by Move:	F	F	F	F	F	E	F	D	D+	D	E	B
HCM2k95thQ:	7	34	34	19	10	23	31	28	26	28	106	36

Note: Queue reported is the number of cars per lane.

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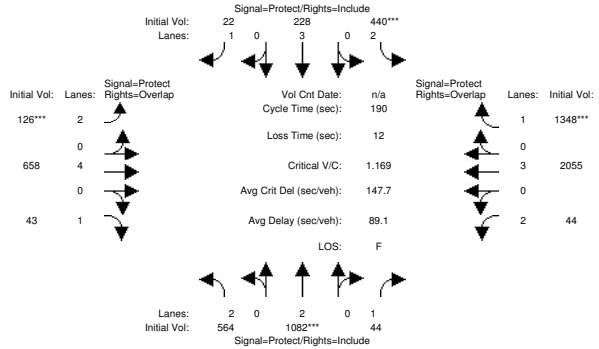
Level Of Service Computation Report
2000 HCM Operations (Future Volume Alternative)
Project AM

Intersection #17: Montague Expy. / Great Mall Pkwy./Capitol Ave. [CMP]



Street Name:	Great Mall Pkwy./Capitol Ave.									Montague Expy.					
Approach:	North Bound			South Bound			East Bound			West Bound					
Movement:	L	- T	- R	L	- T	- R	L	- T	- R	L	- T	- R			
Min. Green:	7	10	10	7	10	10	7	95	10	7	95	10			
Volume Module:															
Base Vol:	537	1001	44	428	200	22	126	635	20	44	2041	1309			
Growth Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00			
Initial Bse:	537	1001	44	428	200	22	126	635	20	44	2041	1309			
Added Vol:	27	81	0	12	28	0	0	23	23	0	14	39			
PasserByVol:	0	0	0	0	0	0	0	0	0	0	0	0			
Initial Fut:	564	1082	44	440	228	22	126	658	43	44	2055	1348			
User Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	0.91	1.00			
PHF Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00			
PHF Volume:	564	1082	44	440	228	22	126	658	43	44	1870	1348			
Reduct Vol:	0	0	0	0	0	0	0	0	0	0	0	0			
Reduced Vol:	564	1082	44	440	228	22	126	658	43	44	1870	1348			
PCE Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00			
MLF Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00			
FinalVolume:	564	1082	44	440	228	22	126	658	43	44	1870	1348			
Saturation Flow Module:															
Sat/Lane:	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900			
Adjustment:	0.83	1.00	0.92	0.83	1.00	0.92	0.83	1.00	0.92	0.83	1.00	0.92			
Lanes:	2.00	2.00	1.00	2.00	3.00	1.00	2.00	4.00	1.00	2.00	3.00	1.00			
Final Sat.:	3150	3800	1750	3150	5700	1750	3150	7600	1750	3150	5700	1750			
Capacity Analysis Module:															
Vol/Sat:	0.18	0.28	0.03	0.14	0.04	0.01	0.04	0.09	0.02	0.01	0.33	0.77			
Crit Moves:		****		****			****					****			
Green Time:	53.2	46.2	46.2	22.6	15.6	15.6	7.0	102	154.9	7.5	102	124.8			
Volume/Cap:	0.64	1.17	0.10	1.17	0.49	0.15	1.09	0.16	0.03	0.35	0.61	1.17			
Delay/Veh:	61.6	161	56.0	185.9	84.1	81.5	199.9	22.5	3.3	90.6	30.5	119.6			
User DelAdj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00			
AdjDel/Veh:	61.6	161	56.0	185.9	84.1	81.5	199.9	22.5	3.3	90.6	30.5	119.6			
LOS by Move:	E	F	E+	F	F	F	F	C+	A	F	C	F			
HCM2k95thQ:	29	64	4	35	8	3	11	9	1	3	40	166			

Note: Queue reported is the number of cars per lane.

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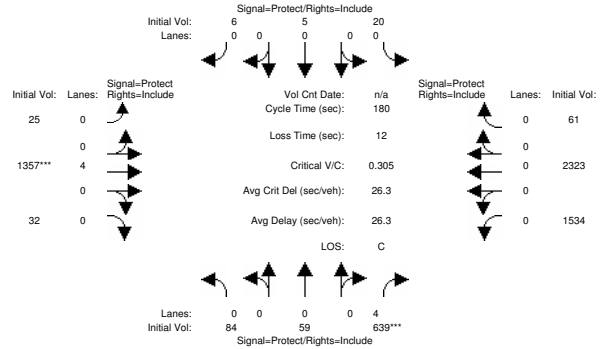
Level Of Service Computation Report
2000 HCM Operations (Future Volume Alternative)
Project AM

Intersection #18: Trimble / Montague Expy [CMP]



Street Name:	Trimble									Montague Expy					
Approach:	North Bound			South Bound			East Bound			West Bound					
Movement:	L	- T	- R	L	- T	- R	L	- T	- R	L	- T	- R			
Min. Green:	7	10	10	7	10	10	7	10	10	7	10	10			
Volume Module:															
Base Vol:	84	59	619	20	5	6	25	1312	32	1507	2257	61			
Growth Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00			
Initial Bse:	84	59	619	20	5	6	25	1312	32	1507	2257	61			
Added Vol:	0	0	20	0	0	0	0	45	0	27	66	0			
PasserByVol:	0	0	0	0	0	0	0	0	0	0	0	0			
Initial Fut:	84	59	639	20	5	6	25	1357	32	1534	2323	61			
User Adj:	0.00	0.00	1.00	0.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00			
PHF Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00			
PHF Volume:	0	0	639	0	0	0	0	1357	0	0	0	0			
Reduct Vol:	0	0	0	0	0	0	0	0	0	0	0	0			
Reduced Vol:	0	0	639	0	0	0	0	1357	0	0	0	0			
PCE Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00			
MLF Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00			
FinalVolume:	0	0	639	0	0	0	0	1357	0	0	0	0			
Saturation Flow Module:															
Sat/Lane:	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900			
Adjustment:	0.92	1.00	0.83	0.92	0.92	0.92	0.92	0.97	0.92	0.92	0.92	0.92			
Lanes:	0.00	0.00	4.00	0.00	1.00	0.00	0.00	4.00	0.00	0.00	1.00	0.00			
Final Sat.:	0	0	6301	0	1750	0	0	7400	0	0	1750	0			
Capacity Analysis Module:															
Vol/Sat:	0.00	0.00	0.10	0.00	0.00	0.00	0.00	0.18	0.00	0.00	0.00	0.00			
Crit Moves:			****					****							
Green Time:	0.0	0.0	59.8	0.0	0.0	0.0	0.0	108	0.0	0.0	0.0	0.0			
Volume/Cap:	0.00	0.00	0.31	0.00	0.00	0.00	0.00	0.31	0.00	0.00	0.00	0.00			
Delay/Veh:	0.0	0.0	44.7	0.0	0.0	0.0	0.0	17.6	0.0	0.0	0.0	0.0			
User DelAdj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00			
AdjDel/Veh:	0.0	0.0	44.7	0.0	0.0	0.0	0.0	17.6	0.0	0.0	0.0	0.0			
LOS by Move:	A	A	D	A	A	A	A	B	A	A	A	A			
HCM2kAvgQ:	0	0	8	0	0	0	0	9	0	0	0	0			

Note: Queue reported is the number of cars per lane.

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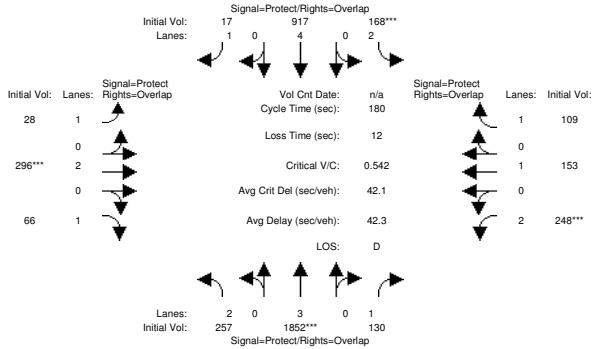
Milpitas Near-Term Cumulative Analysis

Level Of Service Computation Report
2000 HCM Operations (Future Volume Alternative)
Project AM

Intersection #19: Montague Expy / River Oaks



Street Name:	Montague Expy						River Oaks - E Pulmeria					
Approach:	North Bound			South Bound			East Bound			West Bound		
Movement:	L - T - R			L - T - R			L - T - R			L - T - R		
Min. Green:	7	10	10	7	10	10	7	10	10	7	10	10
Volume Module:												
Base Vol:	256	1791	126	168	880	17	28	296	66	241	153	109
Growth Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Initial Bse:	256	1791	126	168	880	17	28	296	66	241	153	109
Added Vol:	1	61	4	0	37	0	0	0	0	7	0	0
PasserByVol:	0	0	0	0	0	0	0	0	0	0	0	0
Initial Fut:	257	1852	130	168	917	17	28	296	66	248	153	109
User Adj:	1.00	0.91	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
PHF Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
PHF Volume:	257	1685	130	168	917	17	28	296	66	248	153	109
Reduct Vol:	0	0	0	0	0	0	0	0	0	0	0	0
Reduced Vol:	257	1685	130	168	917	17	28	296	66	248	153	109
PCE Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
MLF Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
FinalVolume:	257	1685	130	168	917	17	28	296	66	248	153	109
Saturation Flow Module:												
Sat/Lane:	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900
Adjustment:	0.83	1.00	0.92	0.83	1.00	0.92	0.92	1.00	0.92	0.83	1.00	0.92
Lanes:	2.00	3.00	1.00	2.00	4.00	1.00	1.00	2.00	1.00	2.00	1.00	1.00
Final Sat.:	3150	5700	1750	3150	7600	1750	1750	3800	1750	3150	1900	1750
Capacity Analysis Module:												
Vol/Sat:	0.08	0.30	0.07	0.05	0.12	0.01	0.02	0.08	0.04	0.08	0.08	0.06
Crit Moves:		****		****				****		****		
Green Time:	46.8	98.2	124.4	17.7	69.2	86.1	16.9	25.9	72.7	26.2	35.1	52.8
Volume/Cap:	0.31	0.54	0.11	0.54	0.31	0.02	0.17	0.54	0.09	0.54	0.41	0.21
Delay/Veh:	54.7	27.0	9.5	83.9	39.1	24.8	77.3	75.4	33.5	75.9	66.8	48.9
User DelAdj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
AdjDel/Veh:	54.7	27.0	9.5	83.9	39.1	24.8	77.3	75.4	33.5	75.9	66.8	48.9
LOS by Move:	D-	C	A	F	D	C	E-	E-	C-	E-	E	D
HCM2k95thQ:	13	33	6	10	15	1	4	14	5	14	14	9

Note: Queue reported is the number of cars per lane.

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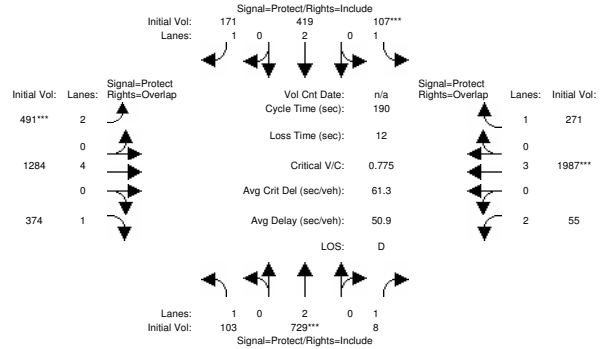
Milpitas Near-Term Cumulative Analysis

Level Of Service Computation Report
2000 HCM Operations (Future Volume Alternative)
Project AM

Intersection #20: Zanker Rd / Montague Expy [CMP]



Street Name:	Zanker Rd						Montague Expy					
Approach:	North Bound			South Bound			East Bound			West Bound		
Movement:	L - T - R			L - T - R			L - T - R			L - T - R		
Min. Green:	7	10	10	7	10	10	7	10	10	7	10	10
Volume Module:												
Base Vol:	103	729	5	103	419	171	491	1253	374	46	1937	269
Growth Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Initial Bse:	103	729	5	103	419	171	491	1253	374	46	1937	269
Added Vol:	0	0	3	4	0	0	0	31	0	9	50	2
PasserByVol:	0	0	0	0	0	0	0	0	0	0	0	0
Initial Fut:	103	729	8	107	419	171	491	1284	374	55	1987	271
User Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	0.91	1.00
PHF Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
PHF Volume:	103	729	8	107	419	171	491	1284	374	55	1808	271
Reduct Vol:	0	0	0	0	0	0	0	0	0	0	0	0
Reduced Vol:	103	729	8	107	419	171	491	1284	374	55	1808	271
PCE Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
MLF Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
FinalVolume:	103	729	8	107	419	171	491	1284	374	55	1808	271
Saturation Flow Module:												
Sat/Lane:	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900
Adjustment:	0.92	1.00	0.92	0.92	1.00	0.92	0.83	1.00	0.92	0.83	1.00	0.92
Lanes:	1.00	2.00	1.00	1.00	2.00	1.00	2.00	4.00	1.00	2.00	3.00	1.00
Final Sat.:	1750	3800	1750	1750	3800	1750	3150	7600	1750	3150	5700	1750
Capacity Analysis Module:												
Vol/Sat:	0.06	0.19	0.00	0.06	0.11	0.10	0.16	0.17	0.21	0.02	0.32	0.15
Crit Moves:		****		****			****				****	
Green Time:	21.6	47.0	47.0	15.0	40.4	40.4	38.2	95.2	116.8	20.8	77.8	92.8
Volume/Cap:	0.52	0.78	0.02	0.78	0.52	0.46	0.78	0.34	0.35	0.16	0.78	0.32
Delay/Veh:	81.7	70.6	54.1	109.4	66.8	66.1	77.8	28.5	18.1	76.9	50.2	29.7
User DelAdj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
AdjDel/Veh:	81.7	70.6	54.1	109.4	66.8	66.1	77.8	28.5	18.1	76.9	50.2	29.7
LOS by Move:	F	E	D-	F	E	E	E-	C	B-	E-	D	C
HCM2k95thQ:	13	35	1	16	20	17	29	20	20	3	49	18

Note: Queue reported is the number of cars per lane.

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Milpitas Near-Term Cumulative Analysis

Level Of Service Computation Report
2000 HCM Operations (Future Volume Alternative)
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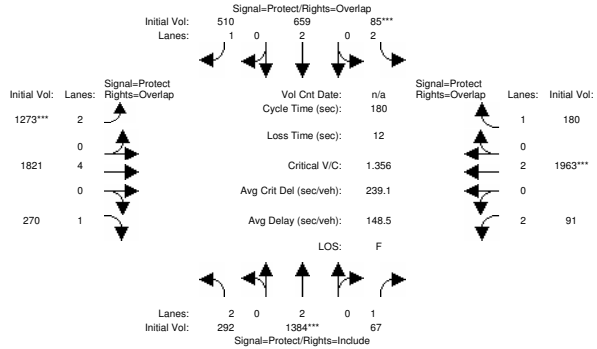
Intersection #21: N 1st St / Montague Expy [CMP]



Street Name:	N 1st St						Montague Expy					
Approach:	North Bound			South Bound			East Bound			West Bound		
Movement:	L -	T -	R	L -	T -	R	L -	T -	R	L -	T -	R
Min. Green:	7	10	10	7	10	10	7	10	10	7	10	10
Volume Module:												
Base Vol:	292	1384	65	81	659	510	1273	1796	270	84	1922	177
Growth Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Initial Bse:	292	1384	65	81	659	510	1273	1796	270	84	1922	177
Added Vol:	0	0	2	4	0	0	0	25	0	7	41	3
PasserByVol:	0	0	0	0	0	0	0	0	0	0	0	0
Initial Fut:	292	1384	67	85	659	510	1273	1821	270	91	1963	180
User Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	0.91	1.00
PHF Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
PHF Volume:	292	1384	67	85	659	510	1273	1821	270	91	1786	180
Reduct Vol:	0	0	0	0	0	0	0	0	0	0	0	0
Reduced Vol:	292	1384	67	85	659	510	1273	1821	270	91	1786	180
PCE Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
MLF Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
FinalVolume:	292	1384	67	85	659	510	1273	1821	270	91	1786	180
Saturation Flow Module:												
Sat/Lane:	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900
Adjustment:	0.83	1.00	0.92	0.83	1.00	0.92	0.83	1.00	0.92	0.83	1.00	0.92
Lanes:	2.00	2.00	1.00	2.00	2.00	1.00	2.00	4.00	1.00	2.00	2.00	1.00
Final Sat.:	3150	3800	1750	3150	3800	1750	3150	7600	1750	3150	3800	1750
Capacity Analysis Module:												
Vol/Sat:	0.09	0.36	0.04	0.03	0.17	0.29	0.40	0.24	0.15	0.03	0.47	0.10
Crit Moves:		****			****			****			****	
Green Time:	18.9	47.3	47.3	7.0	35.4	88.0	52.5	97.8	116.7	15.9	61.1	68.1
Volume/Cap:	0.88	1.38	0.15	0.69	0.88	0.60	1.38	0.44	0.24	0.33	1.38	0.27
Delay/Veh:	102.3	246	51.0	101.3	82.1	34.4	243.6	24.8	13.3	77.7	237	39.0
User DelAdj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
AdjDel/Veh:	102.3	246	51.0	101.3	82.1	34.4	243.6	24.8	13.3	77.7	237	39.0
LOS by Move:	F	F	D	F	F	C-	F	C	B	E-	F	D+
HCM2k95thQ:	22	94	6	8	34	36	101	25	12	5	116	13

Note: Queue reported is the number of cars per lane.

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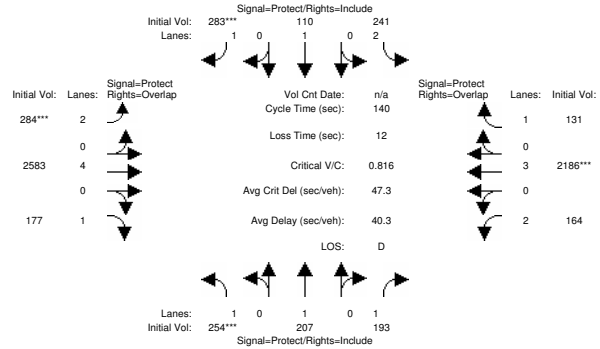
Milpitas Near-Term Cumulative Analysis

Level Of Service Computation Report
2000 HCM Operations (Future Volume Alternative)
Project AM

Intersection #22: Montague Expy / De la Cruz [CMP]



Street Name:	De la Cruz						Montague Expy					
Approach:	North Bound			South Bound			East Bound			West Bound		
Movement:	L -	T -	R	L -	T -	R	L -	T -	R	L -	T -	R
Min. Green:	7	10	10	7	10	10	7	10	10	7	10	10
Volume Module:												
Base Vol:	254	207	193	241	110	283	284	2558	177	164	2145	131
Growth Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Initial Bse:	254	207	193	241	110	283	284	2558	177	164	2145	131
Added Vol:	0	0	0	0	0	0	0	25	0	0	41	0
PasserByVol:	0	0	0	0	0	0	0	0	0	0	0	0
Initial Fut:	254	207	193	241	110	283	284	2583	177	164	2186	131
User Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	0.91	1.00
PHF Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
PHF Volume:	254	207	193	241	110	283	284	2583	177	164	1989	131
Reduct Vol:	0	0	0	0	0	0	0	0	0	0	0	0
Reduced Vol:	254	207	193	241	110	283	284	2583	177	164	1989	131
PCE Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
MLF Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
FinalVolume:	254	207	193	241	110	283	284	2583	177	164	1989	131
Saturation Flow Module:												
Sat/Lane:	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900
Adjustment:	0.92	1.00	0.92	0.92	0.83	1.00	0.92	0.83	1.00	0.92	0.83	1.00
Lanes:	1.00	1.00	1.00	2.00	1.00	1.00	2.00	4.00	1.00	2.00	3.00	1.00
Final Sat.:	1750	1900	1750	3150	1900	1750	3150	7600	1750	3150	5700	1750
Capacity Analysis Module:												
Vol/Sat:	0.15	0.11	0.11	0.08	0.06	0.16	0.09	0.34	0.10	0.05	0.35	0.07
Crit Moves:	****					****	****				****	
Green Time:	24.9	31.1	31.1	21.6	27.7	27.7	15.5	65.3	90.2	10.0	59.9	81.4
Volume/Cap:	0.82	0.49	0.50	0.50	0.29	0.82	0.82	0.73	0.16	0.73	0.82	0.13
Delay/Veh:	70.6	48.4	48.6	55.0	48.2	67.6	74.7	30.9	9.9	75.0	37.5	13.3
User DelAdj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
AdjDel/Veh:	70.6	48.4	48.6	55.0	48.2	67.6	74.7	30.9	9.9	75.0	37.5	13.3
LOS by Move:	E	D	D	E+	D	E	E	C	A	E-	D+	B
HCM2k95thQ:	24	15	15	12	8	26	17	38	6	8	38	5

Note: Queue reported is the number of cars per lane.

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Level Of Service Computation Report
2000 HCM Operations (Future Volume Alternative)
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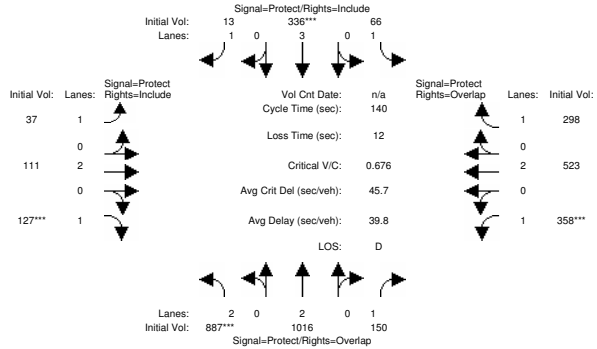
Intersection #23: Capitol/Cropley



Street Name:	Capitol						Cropley					
Approach:	North Bound			South Bound			East Bound			West Bound		
Movement:	L	T	R	L	T	R	L	T	R	L	T	R
Min. Green:	7	10	10	7	10	10	7	10	10	7	10	10
Volume Module:												
Base Vol:	886	941	150	61	290	13	37	93	121	358	517	265
Growth Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Initial Bse:	886	941	150	61	290	13	37	93	121	358	517	265
Added Vol:	1	75	0	5	46	0	0	18	6	0	6	33
PasserByVol:	0	0	0	0	0	0	0	0	0	0	0	0
Initial Fut:	887	1016	150	66	336	13	37	111	127	358	523	298
User Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
PHF Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
PHF Volume:	887	1016	150	66	336	13	37	111	127	358	523	298
Reduct Vol:	0	0	0	0	0	0	0	0	0	0	0	0
Reduced Vol:	887	1016	150	66	336	13	37	111	127	358	523	298
PCE Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
MLF Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
FinalVolume:	887	1016	150	66	336	13	37	111	127	358	523	298
Saturation Flow Module:												
Sat/Lane:	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900
Adjustment:	0.83	1.00	0.92	0.92	1.00	0.92	0.92	1.00	0.92	0.92	1.00	0.92
Lanes:	2.00	2.00	1.00	1.00	3.00	1.00	1.00	2.00	1.00	1.00	2.00	1.00
Final Sat.:	3150	3800	1750	1750	5700	1750	1750	3800	1750	1750	3800	1750
Capacity Analysis Module:												
Vol/Sat:	0.28	0.27	0.09	0.04	0.06	0.01	0.02	0.03	0.07	0.20	0.14	0.17
Crit Moves:	****				****				****	****		
Green Time:	58.4	59.5	101.8	11.1	12.2	12.2	15.3	15.0	15.0	42.4	42.1	53.2
Volume/Cap:	0.68	0.63	0.12	0.47	0.68	0.09	0.19	0.27	0.68	0.68	0.46	0.45
Delay/Veh:	34.6	32.4	5.7	64.2	65.7	59.0	57.2	57.8	69.5	46.2	40.0	32.9
User DelAdj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
AdjDel/Veh:	34.6	32.4	5.7	64.2	65.7	59.0	57.2	57.8	69.5	46.2	40.0	32.9
LOS by Move:	C-	C-	A	E	E	E+	E+	E+	E	D	D	C-
HCM2k95thQ:	32	30	4	6	9	1	3	5	13	27	17	19

Note: Queue reported is the number of cars per lane.

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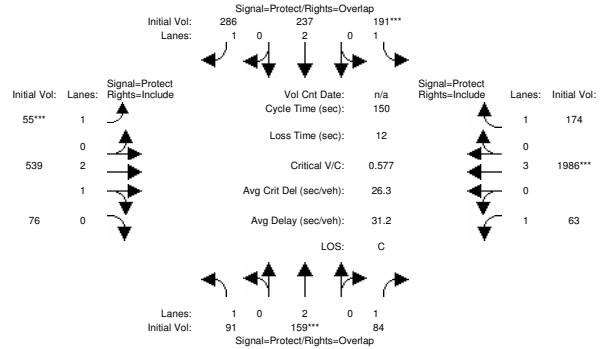
Level Of Service Computation Report
2000 HCM Operations (Future Volume Alternative)
Project AM

Intersection #24: Great Mall Pkwy. & Main St.



Street Name:	Main St.						Great Mall Pkwy.					
Approach:	North Bound			South Bound			East Bound			West Bound		
Movement:	L	T	R	L	T	R	L	T	R	L	T	R
Min. Green:	7	10	10	7	10	10	7	10	10	7	10	10
Volume Module:												
Base Vol:	91	159	84	191	237	286	55	498	76	63	1854	174
Growth Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Initial Bse:	91	159	84	191	237	286	55	498	76	63	1854	174
Added Vol:	0	0	0	0	0	0	0	41	0	0	132	0
PasserByVol:	0	0	0	0	0	0	0	0	0	0	0	0
Initial Fut:	91	159	84	191	237	286	55	539	76	63	1986	174
User Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
PHF Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
PHF Volume:	91	159	84	191	237	286	55	539	76	63	1986	174
Reduct Vol:	0	0	0	0	0	0	0	0	0	0	0	0
Reduced Vol:	91	159	84	191	237	286	55	539	76	63	1986	174
PCE Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
MLF Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
FinalVolume:	91	159	84	191	237	286	55	539	76	63	1986	174
Saturation Flow Module:												
Sat/Lane:	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900
Adjustment:	0.92	1.00	0.92	0.92	1.00	0.92	0.92	0.99	0.95	0.92	1.00	0.92
Lanes:	1.00	2.00	1.00	1.00	2.00	1.00	1.00	2.62	0.38	1.00	3.00	1.00
Final Sat.:	1750	3800	1750	1750	3800	1750	1750	4907	692	1750	5700	1750
Capacity Analysis Module:												
Vol/Sat:	0.05	0.04	0.05	0.11	0.06	0.16	0.03	0.11	0.11	0.04	0.35	0.10
Crit Moves:		****			****			****			****	
Green Time:	11.1	10.9	40.3	28.4	28.2	36.3	8.2	69.3	69.3	29.4	90.6	90.6
Volume/Cap:	0.70	0.58	0.18	0.58	0.33	0.67	0.58	0.24	0.24	0.18	0.58	0.16
Delay/Veh:	83.9	70.3	42.3	57.9	53.1	55.8	77.7	24.4	24.4	50.5	18.3	13.1
User DelAdj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
AdjDel/Veh:	83.9	70.3	42.3	57.9	53.1	55.8	77.7	24.4	24.4	50.5	18.3	13.1
LOS by Move:	F	E	D	E+	D-	E+	E-	C	C	D	B-	B
HCM2k95thQ:	11	9	6	17	9	24	5	11	11	5	31	7

Note: Queue reported is the number of cars per lane.

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Level Of Service Computation Report
2000 HCM Operations (Future Volume Alternative)
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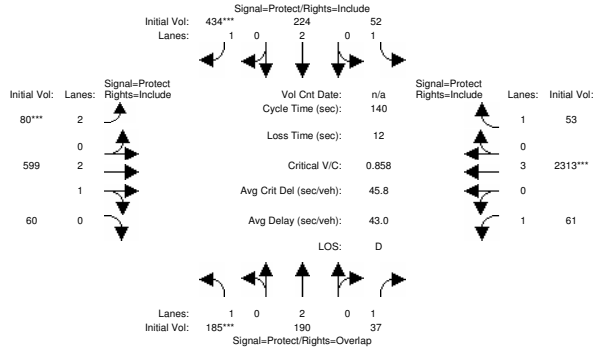
Intersection #25: Great Mall Pkwy. & Abel St.



Street Name:	Abel St.						Great Mall Pkwy.					
Approach:	North Bound			South Bound			East Bound			West Bound		
Movement:	L - T - R			L - T - R			L - T - R			L - T - R		
Min. Green:	7	10	10	7	10	10	7	10	10	7	10	10
Volume Module:												
Base Vol:	168	189	37	52	216	431	73	558	60	61	2187	47
Growth Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Initial Bse:	168	189	37	52	216	431	73	558	60	61	2187	47
Added Vol:	17	1	0	0	8	3	7	41	0	0	126	6
PasserByVol:	0	0	0	0	0	0	0	0	0	0	0	0
Initial Fut:	185	190	37	52	224	434	80	599	60	61	2313	53
User Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
PHF Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
PHF Volume:	185	190	37	52	224	434	80	599	60	61	2313	53
Reduct Vol:	0	0	0	0	0	0	0	0	0	0	0	0
Reduced Vol:	185	190	37	52	224	434	80	599	60	61	2313	53
PCE Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
MLF Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
FinalVolume:	185	190	37	52	224	434	80	599	60	61	2313	53
Saturation Flow Module:												
Sat/Lane:	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900
Adjustment:	0.92	1.00	0.92	0.92	1.00	0.92	0.83	0.99	0.95	0.92	1.00	0.92
Lanes:	1.00	2.00	1.00	1.00	2.00	1.00	2.00	2.72	0.28	1.00	3.00	1.00
Final Sat.:	1750	3800	1750	1750	3800	1750	3150	5089	510	1750	5700	1750
Capacity Analysis Module:												
Vol/Sat:	0.11	0.05	0.02	0.03	0.06	0.25	0.03	0.12	0.12	0.03	0.41	0.03
Crit Moves:	****					****	****				****	
Green Time:	16.8	33.1	54.5	23.2	39.5	39.5	7.0	50.3	50.3	21.4	64.6	64.6
Volume/Cap:	0.88	0.21	0.05	0.18	0.21	0.88	0.51	0.33	0.33	0.23	0.88	0.07
Delay/Veh:	92.2	43.0	26.7	50.5	38.4	64.3	67.5	32.7	32.7	52.5	37.9	20.9
User DelAdj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
AdjDel/Veh:	92.2	43.0	26.7	50.5	38.4	64.3	67.5	32.7	32.7	52.5	37.9	20.9
LOS by Move:	F	D	C	D	D+	E	E	C-	C-	D-	D+	C+
HCM2k95thQ:	20	6	2	4	7	37	4	13	13	5	50	3

Note: Queue reported is the number of cars per lane.

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Level Of Service Computation Report
2000 HCM Operations (Future Volume Alternative)
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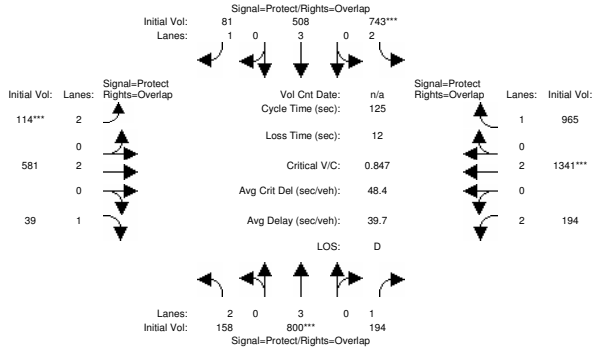
Intersection #26: Zanker Rd / Tasman Dr



Street Name:	Zanker Rd						Tasman Dr					
Approach:	North Bound			South Bound			East Bound			West Bound		
Movement:	L - T - R			L - T - R			L - T - R			L - T - R		
Min. Green:	7	10	10	7	10	10	7	10	10	7	10	10
Volume Module:												
Base Vol:	158	800	190	743	508	81	114	546	39	190	1309	965
Growth Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Initial Bse:	158	800	190	743	508	81	114	546	39	190	1309	965
Added Vol:	0	0	4	0	0	0	0	35	0	4	32	0
PasserByVol:	0	0	0	0	0	0	0	0	0	0	0	0
Initial Fut:	158	800	194	743	508	81	114	581	39	194	1341	965
User Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
PHF Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
PHF Volume:	158	800	194	743	508	81	114	581	39	194	1341	965
Reduct Vol:	0	0	0	0	0	0	0	0	0	0	0	0
Reduced Vol:	158	800	194	743	508	81	114	581	39	194	1341	965
PCE Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
MLF Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
FinalVolume:	158	800	194	743	508	81	114	581	39	194	1341	965
Saturation Flow Module:												
Sat/Lane:	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900
Adjustment:	0.83	1.00	0.92	0.92	0.83	1.00	0.92	0.83	1.00	0.92	0.83	1.00
Lanes:	2.00	3.00	1.00	2.00	3.00	1.00	2.00	2.00	1.00	2.00	2.00	1.00
Final Sat.:	3150	5700	1750	3150	5700	1750	3150	3800	1750	3150	3800	1750
Capacity Analysis Module:												
Vol/Sat:	0.05	0.14	0.11	0.24	0.09	0.05	0.04	0.15	0.02	0.06	0.35	0.55
Crit Moves:		****		****			****				****	
Green Time:	21.1	20.4	37.1	34.3	33.6	40.6	7.0	41.6	62.7	16.7	51.3	85.6
Volume/Cap:	0.30	0.86	0.37	0.86	0.33	0.14	0.65	0.46	0.04	0.46	0.86	0.81
Delay/Veh:	45.8	59.1	35.2	51.8	36.8	30.0	65.8	33.1	15.9	50.8	38.7	17.9
User DelAdj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
AdjDel/Veh:	45.8	59.1	35.2	51.8	36.8	30.0	65.8	33.1	15.9	50.8	38.7	17.9
LOS by Move:	D	E+	D+	D-	D+	C	E	C-	B	D	D+	B
HCM2k95thQ:	7	23	12	32	10	5	5	16	2	8	36	43

Note: Queue reported is the number of cars per lane.

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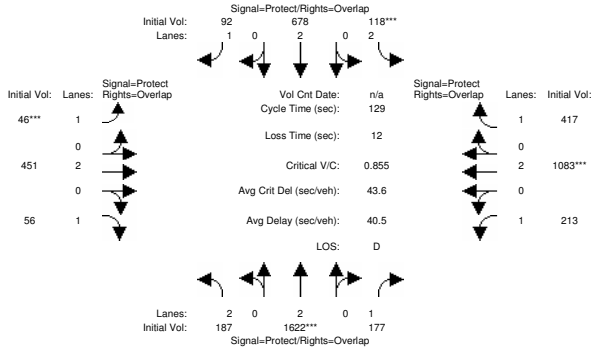
Intersection #27: N. 1st St / Tasman Dr



Street Name:	N 1st Street						Tasman Dr.					
Approach:	North Bound			South Bound			East Bound			West Bound		
Movement:	L	T	R	L	T	R	L	T	R	L	T	R
Min. Green:	7	10	10	7	10	10	7	10	10	7	10	10
Volume Module:												
Base Vol:	187	1622	173	110	678	92	46	428	56	209	1063	410
Growth Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Initial Bse:	187	1622	173	110	678	92	46	428	56	209	1063	410
Added Vol:	0	0	4	8	0	0	0	23	0	4	20	7
PasserByVol:	0	0	0	0	0	0	0	0	0	0	0	0
Initial Fut:	187	1622	177	118	678	92	46	451	56	213	1083	417
User Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
PHF Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
PHF Volume:	187	1622	177	118	678	92	46	451	56	213	1083	417
Reduct Vol:	0	0	0	0	0	0	0	0	0	0	0	0
Reduced Vol:	187	1622	177	118	678	92	46	451	56	213	1083	417
PCE Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
MLF Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
FinalVolume:	187	1622	177	118	678	92	46	451	56	213	1083	417
Saturation Flow Module:												
Sat/Lane:	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900
Adjustment:	0.83	1.00	0.92	0.83	1.00	0.92	0.92	1.00	0.92	0.92	1.00	0.92
Lanes:	2.00	2.00	1.00	2.00	2.00	1.00	1.00	2.00	1.00	1.00	2.00	1.00
Final Sat.:	3150	3800	1750	3150	3800	1750	1750	3800	1750	1750	3800	1750
Capacity Analysis Module:												
Vol/Sat:	0.06	0.43	0.10	0.04	0.18	0.05	0.03	0.12	0.03	0.12	0.28	0.24
Crit Moves:		****		****			****				****	
Green Time:	17.2	61.8	86.2	7.0	51.6	58.6	7.0	23.8	41.0	24.4	41.2	48.2
Volume/Cap:	0.45	0.89	0.15	0.69	0.45	0.12	0.48	0.64	0.10	0.64	0.89	0.64
Delay/Veh:	52.3	36.6	8.0	71.3	28.5	20.3	63.1	50.7	31.1	52.5	50.3	35.3
User DelAdj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
AdjDel/Veh:	52.3	36.6	8.0	71.3	28.5	20.3	63.1	50.7	31.1	52.5	50.3	35.3
LOS by Move:	D-	D+	A	E	C	C+	E	D	C	D-	D	D+
HCM2k95thQ:	9	51	5	8	18	4	5	17	3	15	34	25

Note: Queue reported is the number of cars per lane.

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2000 HCM Operations (Future Volume Alternative)
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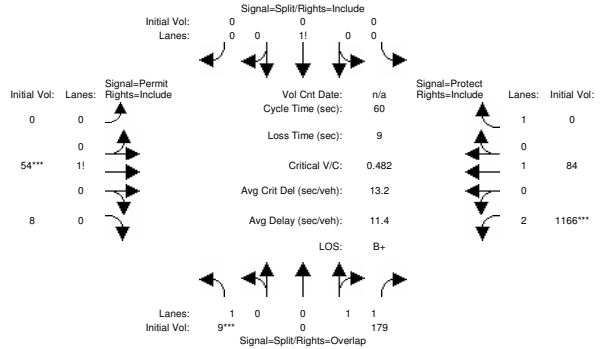
Intersection #101: Dixon Landing Rd. & McCarthy Blvd.



Street Name:	McCarthy Blvd.						Dixon Landing Rd.					
Approach:	North Bound			South Bound			East Bound			West Bound		
Movement:	L	T	R	L	T	R	L	T	R	L	T	R
Min. Green:	10	0	10	10	10	10	10	10	10	7	10	10
Volume Module:												
Base Vol:	9	0	157	0	0	0	0	54	8	986	84	0
Growth Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Initial Bse:	9	0	157	0	0	0	0	54	8	986	84	0
Added Vol:	0	0	22	0	0	0	0	0	0	180	0	0
PasserByVol:	0	0	0	0	0	0	0	0	0	0	0	0
Initial Fut:	9	0	179	0	0	0	0	54	8	1166	84	0
User Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
PHF Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
PHF Volume:	9	0	179	0	0	0	0	54	8	1166	84	0
Reduct Vol:	0	0	0	0	0	0	0	0	0	0	0	0
Reduced Vol:	9	0	179	0	0	0	0	54	8	1166	84	0
PCE Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
MLF Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
FinalVolume:	9	0	179	0	0	0	0	54	8	1166	84	0
Saturation Flow Module:												
Sat/Lane:	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900
Adjustment:	0.92	1.00	0.95	0.92	0.92	0.92	0.92	0.95	0.95	0.83	1.00	0.92
Lanes:	1.00	0.00	2.00	0.00	1.00	0.00	0.00	0.87	0.13	2.00	1.00	1.00
Final Sat.:	1750	0	3600	0	1750	0	0	1568	232	3150	1900	1750
Capacity Analysis Module:												
Vol/Sat:	0.01	0.00	0.05	0.00	0.00	0.00	0.00	0.03	0.03	0.37	0.04	0.00
Crit Moves:	****							****		****		
Green Time:	10.0	0.0	41.0	0.0	0.0	0.0	0.0	10.0	10.0	31.0	41.0	0.0
Volume/Cap:	0.03	0.00	0.07	0.00	0.00	0.00	0.00	0.21	0.21	0.72	0.06	0.00
Delay/Veh:	21.0	0.0	3.2	0.0	0.0	0.0	0.0	21.9	21.9	12.7	3.2	0.0
User DelAdj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
AdjDel/Veh:	21.0	0.0	3.2	0.0	0.0	0.0	0.0	21.9	21.9	12.7	3.2	0.0
LOS by Move:	C+	A	A	A	A	A	A	C+	C+	B	A	A
HCM2k95thQ:	0	0	1	0	0	0	0	2	2	19	1	0

Note: Queue reported is the number of cars per lane.

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2000 HCM Operations (Future Volume Alternative)
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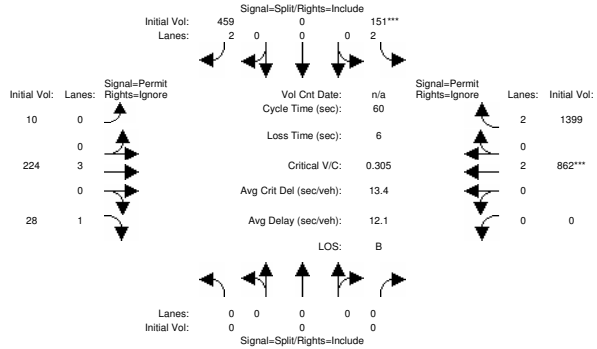
Intersection #102: Dixon Landing Rd. & I-880 SB Ramps



Street Name:	I-880 SB Ramps						Dixon Landing Rd.					
Approach:	North Bound			South Bound			East Bound			West Bound		
Movement:	L - T - R			L - T - R			L - T - R			L - T - R		
Min. Green:	0	0	0	10	0	10	0	10	0	0	10	0
Volume Module:												
Base Vol:	0	0	0	151	0	350	10	202	28	0	791	1399
Growth Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Initial Bse:	0	0	0	151	0	350	10	202	28	0	791	1399
Added Vol:	0	0	0	0	0	109	0	22	0	0	71	0
PasserByVol:	0	0	0	0	0	0	0	0	0	0	0	0
Initial Fut:	0	0	0	151	0	459	10	224	28	0	862	1399
User Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	0.00	1.00	1.00	0.00
PHF Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	0.00	1.00	1.00	0.00
PHF Volume:	0	0	0	151	0	459	10	224	0	0	862	0
Reduct Vol:	0	0	0	0	0	0	0	0	0	0	0	0
Reduced Vol:	0	0	0	151	0	459	10	224	0	0	862	0
PCE Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	0.00	1.00	1.00	0.00
MLF Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	0.00	1.00	1.00	0.00
FinalVolume:	0	0	0	151	0	459	10	224	0	0	862	0
Saturation Flow Module:												
Sat/Lane:	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900
Adjustment:	0.92	1.00	0.92	0.83	1.00	0.83	0.95	0.98	0.92	0.92	1.00	0.83
Lanes:	0.00	0.00	0.00	2.00	0.00	2.00	0.13	2.87	1.00	0.00	2.00	2.00
Final Sat.:	0	0	0	3150	0	3150	239	5360	1750	0	3800	3150
Capacity Analysis Module:												
Vol/Sat:	0.00	0.00	0.00	0.05	0.00	0.15	0.04	0.04	0.00	0.00	0.23	0.00
Crit Moves:				****							****	
Green Time:	0.0	0.0	0.0	28.6	0.0	28.6	25.4	25.4	0.0	0.0	25.4	0.0
Volume/Cap:	0.00	0.00	0.00	0.10	0.00	0.31	0.10	0.10	0.00	0.00	0.54	0.00
Delay/Veh:	0.0	0.0	0.0	8.7	0.0	10.1	10.5	10.5	0.0	0.0	14.2	0.0
User DelAdj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
AdjDel/Veh:	0.0	0.0	0.0	8.7	0.0	10.1	10.5	10.5	0.0	0.0	14.2	0.0
LOS by Move:	A	A	A	A	A	B+	B+	B+	A	A	B	A
HCM2k95thQ:	0	0	0	2	0	7	2	2	0	0	11	0

Note: Queue reported is the number of cars per lane.

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2000 HCM Operations (Future Volume Alternative)
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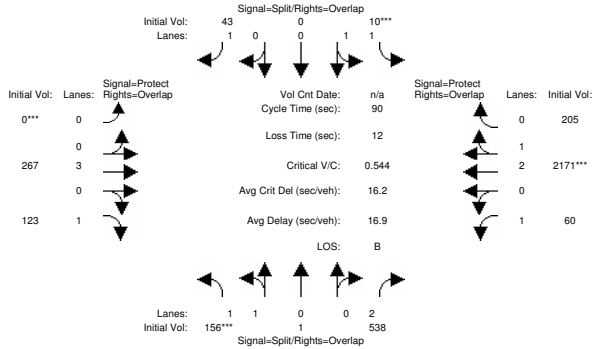
Intersection #103: Dixon Landing Rd. & I-880 NB Ramps



Street Name:	I-880 NB Ramps						Dixon Landing Rd.					
Approach:	North Bound			South Bound			East Bound			West Bound		
Movement:	L - T - R			L - T - R			L - T - R			L - T - R		
Min. Green:	10	10	10	10	10	10	0	10	10	7	10	10
Volume Module:												
Base Vol:	156	1	538	10	0	43	0	245	123	60	2100	205
Growth Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Initial Bse:	156	1	538	10	0	43	0	245	123	60	2100	205
Added Vol:	0	0	0	0	0	0	0	22	0	0	71	0
PasserByVol:	0	0	0	0	0	0	0	0	0	0	0	0
Initial Fut:	156	1	538	10	0	43	0	267	123	60	2171	205
User Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
PHF Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
PHF Volume:	156	1	538	10	0	43	0	267	123	60	2171	205
Reduct Vol:	0	0	0	0	0	0	0	0	0	0	0	0
Reduced Vol:	156	1	538	10	0	43	0	267	123	60	2171	205
PCE Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
MLF Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
FinalVolume:	156	1	538	10	0	43	0	267	123	60	2171	205
Saturation Flow Module:												
Sat/Lane:	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900
Adjustment:	0.93	0.95	0.83	0.93	1.00	0.92	0.92	1.00	0.92	0.92	0.99	0.95
Lanes:	1.99	0.01	2.00	2.00	0.00	1.00	0.00	3.00	1.00	1.00	2.73	0.27
Final Sat.:	3527	23	3150	3550	0	1750	0	5700	1750	1750	5116	483
Capacity Analysis Module:												
Vol/Sat:	0.04	0.04	0.17	0.00	0.00	0.02	0.00	0.05	0.07	0.03	0.42	0.42
Crit Moves:	****			****			****				****	
Green Time:	15.4	15.4	37.1	10.0	0.0	10.0	0.0	30.9	46.3	21.7	52.6	62.6
Volume/Cap:	0.26	0.26	0.41	0.03	0.00	0.22	0.00	0.14	0.14	0.14	0.73	0.61
Delay/Veh:	33.4	33.4	19.8	35.8	0.0	39.1	0.0	20.5	11.7	27.6	14.9	8.0
User DelAdj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
AdjDel/Veh:	33.4	33.4	19.8	35.8	0.0	39.1	0.0	20.5	11.7	27.6	14.9	8.0
LOS by Move:	C-	C-	B-	D+	A	D	A	C+	B+	C	B	A
HCM2k95thQ:	5	5	12	0	0	3	0	4	4	3	29	21

Note: Queue reported is the number of cars per lane.

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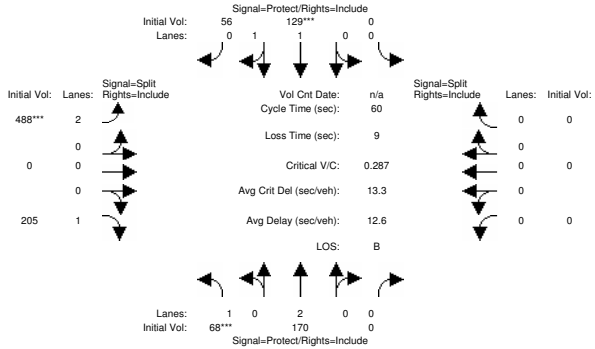
Level Of Service Computation Report
2000 HCM Operations (Future Volume Alternative)
Project AM

Intersection #104: California Circle & I-880 NB Ramps



Street Name:	California Circle						I-880 NB Ramps					
Approach:	North Bound			South Bound			East Bound			West Bound		
Movement:	L - T - R			L - T - R			L - T - R			L - T - R		
Min. Green:	7	10	0	0	10	10	10	0	10	0	0	0
Volume Module:												
Base Vol:	68	170	0	0	129	56	488	0	205	0	0	0
Growth Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Initial Bse:	68	170	0	0	129	56	488	0	205	0	0	0
Added Vol:	0	0	0	0	0	0	0	0	0	0	0	0
PasserByVol:	0	0	0	0	0	0	0	0	0	0	0	0
Initial Fut:	68	170	0	0	129	56	488	0	205	0	0	0
User Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
PHF Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
PHF Volume:	68	170	0	0	129	56	488	0	205	0	0	0
Reduct Vol:	0	0	0	0	0	0	0	0	0	0	0	0
Reduced Vol:	68	170	0	0	129	56	488	0	205	0	0	0
PCE Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
MLF Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
FinalVolume:	68	170	0	0	129	56	488	0	205	0	0	0
Saturation Flow Module:												
Sat/Lane:	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900
Adjustment:	0.92	1.00	0.92	0.92	0.99	0.95	0.83	1.00	0.92	0.92	1.00	0.92
Lanes:	1.00	2.00	0.00	0.00	1.38	0.62	2.00	0.00	1.00	0.00	0.00	0.00
Final Sat.:	1750	3800	0	0	2579	1120	3150	0	1750	0	0	0
Capacity Analysis Module:												
Vol/Sat:	0.04	0.04	0.00	0.00	0.05	0.05	0.15	0.00	0.12	0.00	0.00	0.00
Crit Moves:	****				****		****					
Green Time:	8.1	18.6	0.0	0.0	10.5	10.5	32.4	0.0	32.4	0.0	0.0	0.0
Volume/Cap:	0.29	0.14	0.00	0.00	0.29	0.29	0.29	0.00	0.22	0.00	0.00	0.00
Delay/Veh:	26.4	15.2	0.0	0.0	22.6	22.6	7.9	0.0	7.7	0.0	0.0	0.0
User DelAdj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
AdjDel/Veh:	26.4	15.2	0.0	0.0	22.6	22.6	7.9	0.0	7.7	0.0	0.0	0.0
LOS by Move:	C	B	A	A	C+	C+	A	A	A	A	A	A
HCM2k95thQ:	4	3	0	0	4	4	6	0	5	0	0	0

Note: Queue reported is the number of cars per lane.

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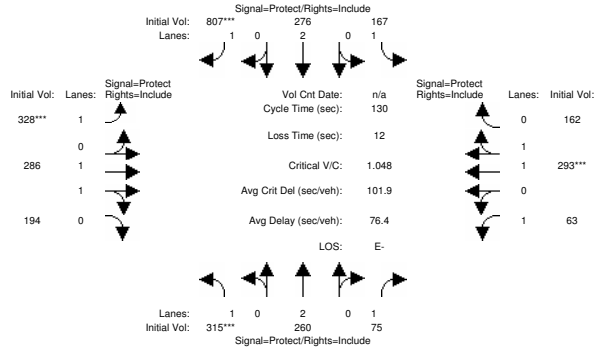
Level Of Service Computation Report
2000 HCM Operations (Future Volume Alternative)
Project AM

Intersection #105: Dixon Landing Rd. & N. Milpitas Blvd.



Street Name:	N. Milpitas Blvd.						Dixon Landing Rd.					
Approach:	North Bound			South Bound			East Bound			West Bound		
Movement:	L - T - R			L - T - R			L - T - R			L - T - R		
Min. Green:	7	10	10	7	10	10	7	10	10	7	10	10
Volume Module:												
Base Vol:	315	243	75	167	266	736	306	286	194	63	293	162
Growth Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Initial Bse:	315	243	75	167	266	736	306	286	194	63	293	162
Added Vol:	0	17	0	0	10	71	22	0	0	0	0	0
PasserByVol:	0	0	0	0	0	0	0	0	0	0	0	0
Initial Fut:	315	260	75	167	276	807	328	286	194	63	293	162
User Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
PHF Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
PHF Volume:	315	260	75	167	276	807	328	286	194	63	293	162
Reduct Vol:	0	0	0	0	0	0	0	0	0	0	0	0
Reduced Vol:	315	260	75	167	276	807	328	286	194	63	293	162
PCE Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
MLF Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
FinalVolume:	315	260	75	167	276	807	328	286	194	63	293	162
Saturation Flow Module:												
Sat/Lane:	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900
Adjustment:	0.92	1.00	0.92	0.92	1.00	0.92	0.92	0.99	0.95	0.92	0.99	0.95
Lanes:	1.00	2.00	1.00	1.00	2.00	1.00	1.00	1.17	0.83	1.00	1.27	0.73
Final Sat.:	1750	3800	1750	1750	3800	1750	1750	2203	1495	1750	2382	1317
Capacity Analysis Module:												
Vol/Sat:	0.18	0.07	0.04	0.10	0.07	0.46	0.19	0.13	0.13	0.04	0.12	0.12
Crit Moves:	****					****	****				****	
Green Time:	22.3	35.5	35.5	44.0	57.2	57.2	23.2	27.2	27.2	11.3	15.3	15.3
Volume/Cap:	1.05	0.25	0.16	0.28	0.17	1.05	1.05	0.62	0.62	0.41	1.05	1.05
Delay/Veh:	119.0	37.5	36.6	32.6	22.2	82.2	117.5	50.4	50.4	64.4	114	113.8
User DelAdj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
AdjDel/Veh:	119.0	37.5	36.6	32.6	22.2	82.2	117.5	50.4	50.4	64.4	114	113.8
LOS by Move:	F	D+	D+	C-	C+	F	F	D	D	E	F	F
HCM2k95thQ:	31	8	5	10	7	73	32	16	16	6	24	24

Note: Queue reported is the number of cars per lane.

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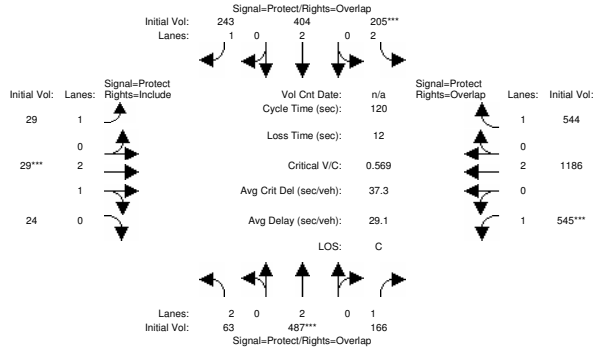
Level Of Service Computation Report
2000 HCM Operations (Future Volume Alternative)
Project AM

Intersection #106: Scott Creek Rd. & Warm Springs Blvd.



Street Name:	Warm Springs Blvd.						Scott Creek Rd.					
Approach:	North Bound			South Bound			East Bound			West Bound		
Movement:	L - T - R			L - T - R			L - T - R			L - T - R		
Min. Green:	7	10	10	7	10	10	7	10	10	7	10	10
Volume Module:												
Base Vol:	63	448	166	205	371	243	29	29	24	497	1186	544
Growth Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Initial Bse:	63	448	166	205	371	243	29	29	24	497	1186	544
Added Vol:	0	39	0	0	33	0	0	0	0	48	0	0
PasserByVol:	0	0	0	0	0	0	0	0	0	0	0	0
Initial Fut:	63	487	166	205	404	243	29	29	24	545	1186	544
User Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
PHF Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
PHF Volume:	63	487	166	205	404	243	29	29	24	545	1186	544
Reduct Vol:	0	0	0	0	0	0	0	0	0	0	0	0
Reduced Vol:	63	487	166	205	404	243	29	29	24	545	1186	544
PCE Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
MLF Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
FinalVolume:	63	487	166	205	404	243	29	29	24	545	1186	544
Saturation Flow Module:												
Sat/Lane:	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900
Adjustment:	0.83	1.00	0.92	0.83	1.00	0.92	0.92	1.00	0.92	0.92	1.00	0.92
Lanes:	2.00	2.00	1.00	2.00	2.00	1.00	1.00	2.00	1.00	1.00	2.00	1.00
Final Sat.:	3150	3800	1750	3150	3800	1750	1750	3800	1750	1750	3800	1750
Capacity Analysis Module:												
Vol/Sat:	0.02	0.13	0.09	0.07	0.11	0.14	0.02	0.01	0.01	0.31	0.31	0.31
Crit Moves:		****		****				****		****		
Green Time:	12.1	24.9	85.4	12.6	25.4	36.5	11.1	10.0	10.0	60.5	59.4	72.0
Volume/Cap:	0.20	0.62	0.13	0.62	0.50	0.46	0.18	0.09	0.16	0.62	0.63	0.52
Delay/Veh:	49.8	44.7	5.6	54.9	42.2	34.4	50.8	50.9	51.4	22.8	23.0	14.4
User DelAdj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
AdjDel/Veh:	49.8	44.7	5.6	54.9	42.2	34.4	50.8	50.9	51.4	22.8	23.0	14.4
LOS by Move:	D	D	A	D-	D	C-	D	D	D-	C+	C+	B
HCM2k95thQ:	3	15	4	10	13	15	2	1	2	28	28	22

Note: Queue reported is the number of cars per lane.

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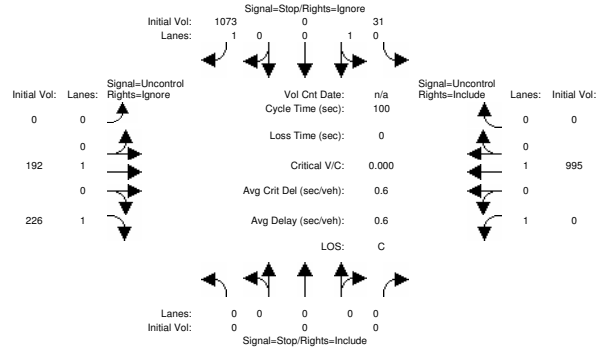
Level Of Service Computation Report
2000 HCM Unsignalized (Future Volume Alternative)
Project AM

Intersection #107: Scott Creek Rd. & I-680 SB Ramps



Street Name:	I-680 SB Ramps						Scott Creek Rd.					
Approach:	North Bound			South Bound			East Bound			West Bound		
Movement:	L - T - R			L - T - R			L - T - R			L - T - R		
Volume Module:												
Base Vol:	0	0	0	31	0	1025	0	192	226	0	995	0
Growth Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Initial Bse:	0	0	0	31	0	1025	0	192	226	0	995	0
Added Vol:	0	0	0	0	0	48	0	0	0	0	0	0
PasserByVol:	0	0	0	0	0	0	0	0	0	0	0	0
Initial Fut:	0	0	0	31	0	1073	0	192	226	0	995	0
User Adj:	1.00	1.00	1.00	1.00	1.00	0.00	1.00	0.00	0.00	1.00	1.00	1.00
PHF Adj:	1.00	1.00	1.00	1.00	1.00	0.00	1.00	1.00	0.00	1.00	1.00	1.00
PHF Volume:	0	0	0	31	0	0	0	0	0	0	995	0
Reduct Vol:	0	0	0	0	0	0	0	0	0	0	0	0
FinalVolume:	0	0	0	31	0	0	0	0	0	0	995	0
Critical Gap Module:												
Critical Gp:	xxxxx	xxxx	xxxxx	6.4	6.5	6.2	xxxxx	xxxx	xxxxx	xxxxx	xxxx	xxxxx
FollowUpTim:	xxxxx	xxxx	xxxxx	3.5	4.0	3.3	xxxxx	xxxx	xxxxx	xxxxx	xxxx	xxxxx
Capacity Module:												
Cnflict Vol:	xxxx	xxxx	xxxxx	995	995	995	xxxx	xxxx	xxxxx	xxxx	xxxx	xxxxx
Potent Cap.:	xxxx	xxxx	xxxxx	274	247	300	xxxx	xxxx	xxxxx	xxxx	xxxx	xxxxx
Move Cap.:	xxxx	xxxx	xxxxx	274	247	300	xxxx	xxxx	xxxxx	xxxx	xxxx	xxxxx
Volume/Cap:	xxxx	xxxx	xxxx	0.11	0.00	0.00	xxxx	xxxx	xxxx	xxxx	xxxx	xxxx
Level Of Service Module:												
2Way95thQ:	xxxx	xxxx	xxxxx	xxxx	xxxx	xxxxx	xxxx	xxxx	xxxxx	xxxx	xxxx	xxxxx
Control Del:	xxxxx	xxxx	xxxxx	xxxxx	xxxx	xxxxx	xxxxx	xxxx	xxxxx	xxxxx	xxxx	xxxxx
LOS by Move:	*	*	*	*	*	*	*	*	*	*	*	*
Movement:	LT - LTR - RT			LT - LTR - RT			LT - LTR - RT			LT - LTR - RT		
Shared Cap.:	xxxx	xxxx	xxxxx	274	xxxx	xxxxx	xxxx	xxxx	xxxxx	xxxx	xxxx	xxxxx
SharedQueue:	xxxxx	xxxx	xxxxx	0.4	xxxx	xxxxx	xxxxx	xxxx	xxxxx	xxxxx	xxxx	xxxxx
Shrd ConDel:	xxxxx	xxxx	xxxxx	19.8	xxxx	xxxxx	xxxxx	xxxx	xxxxx	xxxxx	xxxx	xxxxx
Shared LOS:	*	*	*	C	*	*	*	*	*	*	*	*
ApproachDel:	xxxxxx			19.8			xxxxxx			xxxxxx		
ApproachLOS:	*			C			*			*		

Note: Queue reported is the number of cars per lane.

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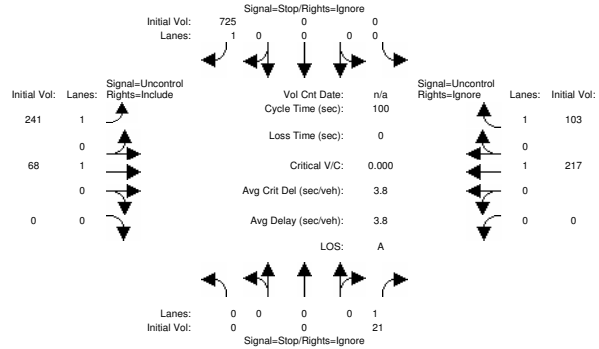
Level Of Service Computation Report
2000 HCM Unsignalized (Future Volume Alternative)
Project AM

Intersection #108: Scott Creek Rd. & I-680 NB Ramps



Street Name:	I-680 NB Ramps						Scott Creek Rd.					
Approach:	North Bound			South Bound			East Bound			West Bound		
Movement:	L	T	R	L	T	R	L	T	R	L	T	R
Volume Module:												
Base Vol:	0	0	21	0	0	725	241	68	0	0	217	103
Growth Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Initial Bse:	0	0	21	0	0	725	241	68	0	0	217	103
Added Vol:	0	0	0	0	0	0	0	0	0	0	0	0
PasserByVol:	0	0	0	0	0	0	0	0	0	0	0	0
Initial Fut:	0	0	21	0	0	725	241	68	0	0	217	103
User Adj:	1.00	1.00	0.00	1.00	1.00	0.00	1.00	1.00	1.00	1.00	1.00	0.00
PHF Adj:	1.00	1.00	0.00	1.00	1.00	0.00	1.00	1.00	1.00	1.00	1.00	0.00
PHF Volume:	0	0	0	0	0	0	241	68	0	0	217	0
Reduct Vol:	0	0	0	0	0	0	0	0	0	0	0	0
FinalVolume:	0	0	0	0	0	0	241	68	0	0	217	0
Critical Gap Module:												
Critical Gp:	xxxxx	xxxx	6.2	xxxxx	xxxx	6.2	4.1	xxxx	xxxxx	xxxxx	xxxx	xxxxx
FollowUpTim:	xxxxx	xxxx	3.3	xxxxx	xxxx	3.3	2.2	xxxx	xxxxx	xxxxx	xxxx	xxxxx
Capacity Module:												
Cnflict Vol:	xxxx	xxxx	68	xxxx	xxxx	217	217	xxxx	xxxxx	xxxx	xxxx	xxxxx
Potent Cap.:	xxxx	xxxx	1001	xxxx	xxxx	828	1365	xxxx	xxxxx	xxxx	xxxx	xxxxx
Move Cap.:	xxxx	xxxx	1001	xxxx	xxxx	828	1365	xxxx	xxxxx	xxxx	xxxx	xxxxx
Volume/Cap:	xxxx	xxxx	0.00	xxxx	xxxx	0.00	0.18	xxxx	xxxx	xxxx	xxxx	xxxx
Level Of Service Module:												
2Way95thQ:	xxxx	xxxx	xxxxx	xxxx	xxxx	xxxxx	0.6	xxxx	xxxxx	xxxx	xxxx	xxxxx
Control Del:	xxxxx	xxxx	xxxxx	xxxxx	xxxx	xxxxx	8.2	xxxx	xxxxx	xxxxx	xxxx	xxxxx
LOS by Move:	*	*	*	*	*	*	A	*	*	*	*	*
Movement:	LT -	LTR -	RT	LT -	LTR -	RT	LT -	LTR -	RT	LT -	LTR -	RT
Shared Cap.:	xxxx	xxxx	xxxxx	xxxx	xxxx	xxxxx	xxxx	xxxx	xxxxx	xxxx	xxxx	xxxxx
SharedQueue:	xxxxx	xxxx	xxxxx	xxxxx	xxxx	xxxxx	xxxxx	xxxx	xxxxx	xxxxx	xxxx	xxxxx
Shrd ConDel:	xxxxx	xxxx	xxxxx	xxxxx	xxxx	xxxxx	xxxxx	xxxx	xxxxx	xxxxx	xxxx	xxxxx
Shared LOS:	*	*	*	*	*	*	*	*	*	*	*	*
ApproachDel:	xxxxxx			xxxxxx			xxxxxx			xxxxxx		
ApproachLOS:	*			*			*			*		

Note: Queue reported is the number of cars per lane.

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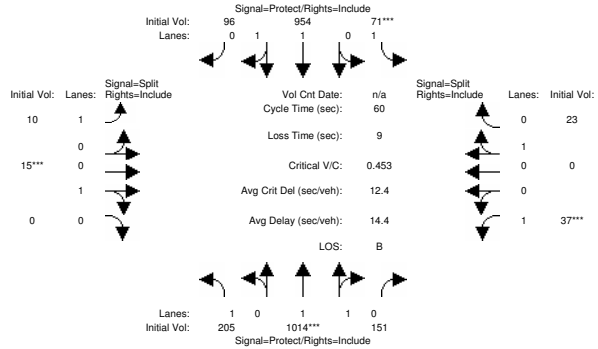
Level Of Service Computation Report
2000 HCM Operations (Future Volume Alternative)
Project AM

Intersection #109: McCarthy Blvd. & Ranch Dr. (N)



Street Name:	McCarthy Blvd.						Ranch Dr. (N)					
Approach:	North Bound			South Bound			East Bound			West Bound		
Movement:	L	T	R	L	T	R	L	T	R	L	T	R
Min. Green:	7	10	10	7	10	0	0	0	0	10	0	10
Volume Module:												
Base Vol:	76	983	149	71	822	45	10	15	0	36	0	23
Growth Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Initial Bse:	76	983	149	71	822	45	10	15	0	36	0	23
Added Vol:	129	31	2	0	132	51	0	0	0	1	0	0
PasserByVol:	0	0	0	0	0	0	0	0	0	0	0	0
Initial Fut:	205	1014	151	71	954	96	10	15	0	37	0	23
User Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
PHF Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
PHF Volume:	205	1014	151	71	954	96	10	15	0	37	0	23
Reduct Vol:	0	0	0	0	0	0	0	0	0	0	0	0
Reduced Vol:	205	1014	151	71	954	96	10	15	0	37	0	23
PCE Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
MLF Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
FinalVolume:	205	1014	151	71	954	96	10	15	0	37	0	23
Saturation Flow Module:												
Sat/Lane:	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900
Adjustment:	0.92	0.98	0.95	0.92	0.98	0.95	0.92	0.95	0.92	0.92	1.00	0.95
Lanes:	1.00	1.73	0.27	1.00	1.81	0.19	1.00	1.00	0.00	1.00	0.00	1.00
Final Sat.:	1750	3220	480	1750	3361	338	1750	1800	0	1750	0	1800
Capacity Analysis Module:												
Vol/Sat:	0.12	0.31	0.31	0.04	0.28	0.28	0.01	0.01	0.00	0.02	0.00	0.01
Crit Moves:		****			****			****			****	
Green Time:	11.7	33.1	33.1	7.0	28.4	28.4	0.9	0.9	0.0	10.0	0.0	10.0
Volume/Cap:	0.60	0.57	0.57	0.35	0.60	0.60	0.39	0.57	0.00	0.13	0.00	0.08
Delay/Veh:	29.6	9.9	9.9	29.0	13.1	13.1	68.8	96.8	0.0	22.2	0.0	21.6
User DelAdj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
AdjDel/Veh:	29.6	9.9	9.9	29.0	13.1	13.1	68.8	96.8	0.0	22.2	0.0	21.6
LOS by Move:	C	A	A	C	B	B	E	F	A	C+	A	C+
HCM2k95thQ:	9	14	14	4	15	15	2	3	0	2	0	1

Note: Queue reported is the number of cars per lane.

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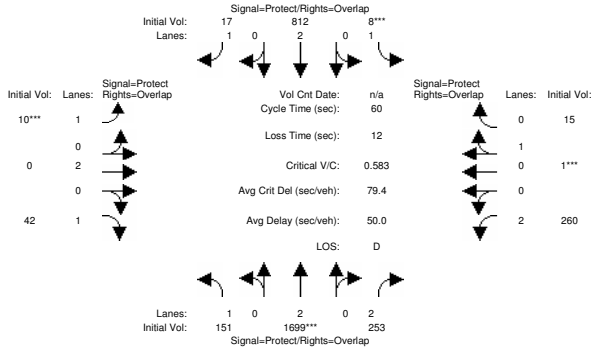
Milpitas Near-Term Cumulative Analysis

Level Of Service Computation Report
2000 HCM Operations (Future Volume Alternative)
Project AM

Intersection #110: McCarthy Blvd. & Ranch Dr. (S)



Street Name:	McCarthy Blvd.						Ranch Dr. (S)					
Approach:	North Bound			South Bound			East Bound			West Bound		
Movement:	L -	T -	R	L -	T -	R	L -	T -	R	L -	T -	R
Min. Green:	7	10	10	7	10	10	7	10	10	7	10	10
Volume Module:												
Base Vol:	45	1310	246	8	799	0	10	0	42	258	1	15
Growth Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Initial Bse:	45	1310	246	8	799	0	10	0	42	258	1	15
Added Vol:	106	389	7	0	13	17	0	0	0	2	0	0
PasserByVol:	0	0	0	0	0	0	0	0	0	0	0	0
Initial Fut:	151	1699	253	8	812	17	10	0	42	260	1	15
User Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
PHF Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
PHF Volume:	151	1699	253	8	812	17	10	0	42	260	1	15
Reduct Vol:	0	0	0	0	0	0	0	0	0	0	0	0
Reduced Vol:	151	1699	253	8	812	17	10	0	42	260	1	15
PCE Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
MLF Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
FinalVolume:	151	1699	253	8	812	17	10	0	42	260	1	15
Saturation Flow Module:												
Sat/Lane:	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900
Adjustment:	0.92	1.00	0.83	0.92	1.00	0.92	0.92	1.00	0.92	0.83	0.95	0.95
Lanes:	1.00	2.00	2.00	1.00	2.00	1.00	1.00	2.00	1.00	2.00	0.06	0.94
Final Sat.:	1750	3800	3150	1750	3800	1750	1750	3800	1750	3150	112	1687
Capacity Analysis Module:												
Vol/Sat:	0.09	0.45	0.08	0.00	0.21	0.01	0.01	0.00	0.02	0.08	0.01	0.01
Crit Moves:		****			****			****			****	
Green Time:	10.9	24.0	41.0	7.0	20.1	27.1	7.0	0.0	17.9	17.0	10.0	17.0
Volume/Cap:	0.47	1.12	0.12	0.04	0.64	0.02	0.05	0.00	0.08	0.29	0.05	0.03
Delay/Veh:	26.9	80.5	3.4	23.9	19.4	9.2	24.0	0.0	15.4	17.6	21.4	15.7
User DelAdj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
AdjDel/Veh:	26.9	80.5	3.4	23.9	19.4	9.2	24.0	0.0	15.4	17.6	21.4	15.7
LOS by Move:	C	F	A	C	B-	A	C	A	B	B	C+	B
HCM2k95thQ:	6	47	2	0	14	0	1	0	2	5	1	1

Note: Queue reported is the number of cars per lane.

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Milpitas Near-Term Cumulative Analysis

Summary Scenario Comparison Report (With Average Critical Delay)
Future Volume Alternative

Intersection		Existing PM				Background PM				Project PM						???			
		LOS	Avg Del (sec)	Crit V/C	Avg Crit Del (sec)	LOS	Avg Del (sec)	Crit V/C	Avg Crit Del (sec)	LOS	Avg Del (sec)	Crit V/C	Crit V/C Change	Avg Crit Del (sec)	Avg Crit Del Change	LOS	Avg Del (sec)	Crit V/C	Avg Crit Del (sec)
#1	McCarthy Blvd. & SR 237 WB Ramps	B-	18.1	0.746	23.3	C	24.9	0.927	34.3	D	40.3	1.042	+ 0.115	58.5	+ 24.2	?	xx.x	x.xxx	xx.x
#2	McCarthy Blvd. & SR 237 EB Ramps	B	15.1	0.596	17.7	B	16.6	0.769	21.1	C	28.5	0.989	+ 0.221	41.7	+ 20.6	?	xx.x	x.xxx	xx.x
#3	SR 237 & I-880 SB Ramps	A	8.4	0.680	7.8	A	9.5	0.786	9.8	B	13.2	0.888	+ 0.101	15.6	+ 5.8	?	xx.x	x.xxx	xx.x
#4	Calaveras Blvd. & I-880 NB Ramps	E	69.4	1.041	91.3	F	89.3	1.116	122.3	F	100.5	1.159	+ 0.043	140.9	+ 18.6	?	xx.x	x.xxx	xx.x
#5	Calaveras Blvd. / Abel St. [CMP]	D	43.5	0.765	42.7	D-	53.0	0.936	56.1	E+	57.0	0.974	+ 0.038	61.5	+ 5.4	?	xx.x	x.xxx	xx.x
#6	Milpitas Blvd. / Calaveras Blvd. [CMP]	D	41.6	0.749	51.2	D	45.7	0.884	60.1	D	48.0	0.924	+ 0.040	64.4	+ 4.4	?	xx.x	x.xxx	xx.x
#7	McCarthy Blvd. & Bellew Dr.	C-	32.2	0.718	39.1	D-	51.1	0.851	75.3	F	126.7	1.110	+ 0.259	208.5	+ 133.2	?	xx.x	x.xxx	xx.x
#8	Barber Ln & Bellew Dr	B	17.2	0.404	18.4	B-	18.5	0.516	20.8	E	72.4	0.838	+ 0.322	118.8	+ 98.0	?	xx.x	x.xxx	xx.x
#9	McCarthy Blvd. & Alder Dr.	B	16.4	0.596	22.5	E	61.5	0.930	90.8	F	155.9	1.184	+ 0.254	227.9	+ 137.1	?	xx.x	x.xxx	xx.x
#10	McCarthy Blvd. & Tasman Dr.	D+	37.5	0.527	44.3	D	43.1	0.697	36.0	D	44.5	0.731	+ 0.034	38.1	+ 2.1	?	xx.x	x.xxx	xx.x
#11	Tasman Dr. & Alder Dr.	D	46.6	0.922	51.5	F	137.0	1.232	165.2	F	243.4	1.560	+ 0.328	294.9	+ 129.7	?	xx.x	x.xxx	xx.x
#12	Barber Ln / Alder Dr	B	15.9	0.245	14.2	B	13.7	0.309	14.2	B-	18.6	0.682	+ 0.373	23.1	+ 8.9	?	xx.x	x.xxx	xx.x
#13	Tasman Dr. & I-880 SB Ramps	B-	19.7	0.723	34.8	E	61.7	1.224	146.1	F	87.8	1.403	+ 0.179	220.9	+ 74.8	?	xx.x	x.xxx	xx.x
#14	Great Mall Pkwy. & I-880 NB Ramps	C	27.4	0.761	29.1	E+	58.7	1.042	69.3	E	66.8	1.065	+ 0.023	82.8	+ 13.5	?	xx.x	x.xxx	xx.x
#15	McCarthy Blvd / Barber Ln	C+	21.6	0.425	23.8	C	24.0	0.513	27.1	C	30.7	0.612	+ 0.099	38.3	+ 11.2	?	xx.x	x.xxx	xx.x
#16	McCarthy Blvd. / Montague Expy. [CMP]	E	65.1	0.917	75.8	F	116.3	1.193	157.9	F	124.9	1.220	+ 0.027	170.3	+ 12.3	?	xx.x	x.xxx	xx.x
#17	Montague Expy. / Great Mall Pkwy./Capitol Ave. [CMP]	D-	53.6	0.671	58.2	F	94.6	0.909	137.8	F	102.8	0.942	+ 0.032	153.5	+ 15.6	?	xx.x	x.xxx	xx.x
#18	Trimble / Montague Expy [CMP]	D+	38.9	0.588	43.9	D+	38.9	0.755	38.9	D+	36.3	0.777	+ 0.022	36.3	- 2.5	?	xx.x	x.xxx	xx.x
#19	Montague Expy / River Oaks	C	28.1	0.302	20.4	D	43.7	0.496	46.1	D	44.5	0.528	+ 0.032	47.8	+ 1.7	?	xx.x	x.xxx	xx.x
#20	Zanker Rd / Montague Expy [CMP]	E+	56.5	0.746	63.6	E	71.8	0.976	93.0	E	72.8	0.985	+ 0.009	94.9	+ 1.9	?	xx.x	x.xxx	xx.x
#21	N 1st St / Montague Expy [CMP]	E	72.5	1.021	94.4	F	182.0	1.497	289.3	F	184.5	1.508	+ 0.012	294.3	+ 5.0	?	xx.x	x.xxx	xx.x
#22	Montague Expy / De la Cruz [CMP]	D	41.0	0.798	47.3	D	47.6	0.964	59.3	D	48.1	0.972	+ 0.008	60.7	+ 1.3	?	xx.x	x.xxx	xx.x
#23	Capitol/Cropley	E+	56.1	0.929	63.8	E	62.1	0.965	70.2	E	66.5	0.984	+ 0.019	74.1	+ 3.9	?	xx.x	x.xxx	xx.x
#24	Great Mall Pkwy. & Main St.	D	40.7	0.593	52.9	D	39.6	0.649	34.0	D	39.1	0.675	+ 0.025	33.6	- 0.4	?	xx.x	x.xxx	xx.x
#25	Great Mall Pkwy. & Abel St.	D	39.3	0.621	34.9	D	44.8	0.816	42.1	D	45.3	0.844	+ 0.029	42.8	+ 0.7	?	xx.x	x.xxx	xx.x
#26	Zanker Rd / Tasman Dr	C	31.3	0.487	35.5	D	39.1	0.780	47.3	D	39.3	0.793	+ 0.013	47.8	+ 0.5	?	xx.x	x.xxx	xx.x

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Milpitas Near-Term Cumulative Analysis

Summary Scenario Comparison Report (With Average Critical Delay)
Future Volume Alternative

Intersection		Existing PM				Background PM				Project PM						???			
		LOS	Avg Del (sec)	Crit V/C	Avg Crit Del (sec)	LOS	Avg Del (sec)	Crit V/C	Avg Crit Del (sec)	LOS	Avg Del (sec)	Crit V/C	Crit V/C Change	Avg Crit Del (sec)	Avg Crit Del Change	LOS	Avg Del (sec)	Crit V/C	Avg Crit Del (sec)
#27	N. 1st St / Tasman Dr	D+	37.0	0.534	39.9	D	49.0	0.929	57.5	D	50.2	0.939	+ 0.010	59.8	+ 2.3	?	xx.x	x.xxx	xx.x
#101	Dixon Landing Rd. & McCarthy Blvd.	A	7.9	0.341	7.9	A	9.4	0.490	14.0	A	9.9	0.561	+ 0.070	9.8	- 4.1	?	xx.x	x.xxx	xx.x
#102	Dixon Landing Rd. & I-880 SB Ramps	A	9.2	0.319	9.4	A	7.8	0.368	8.8	B	12.9	0.492	+ 0.123	13.7	+ 4.8	?	xx.x	x.xxx	xx.x
#103	Dixon Landing Rd. & I-880 NB Ramps	C+	20.8	0.515	24.4	C+	21.5	0.579	25.7	C+	21.4	0.600	+ 0.021	19.9	- 5.8	?	xx.x	x.xxx	xx.x
#104	California Circle & I-880 NB Ramps	B	14.6	0.553	15.8	B	15.3	0.588	17.0	B	17.6	0.660	+ 0.073	20.4	+ 3.4	?	xx.x	x.xxx	xx.x
#105	Dixon Landing Rd. & N. Milpitas Blvd.	D	50.1	0.821	59.8	E	62.2	0.976	82.8	E	70.0	1.039	+ 0.063	98.7	+ 15.9	?	xx.x	x.xxx	xx.x
#106	Scott Creek Rd. & Warm Springs Blvd.	D+	36.0	0.622	41.6	D+	36.3	0.673	39.4	D+	36.3	0.703	+ 0.030	40.1	+ 0.7	?	xx.x	x.xxx	xx.x
#107	Scott Creek Rd. & I-680 SB Ramps	B	3.0	0.000	3.0	B	2.9	0.000	2.9	B	2.9	0.000	+ 0.000	2.9	+ 0.0	?	xx.x	x.xxx	xx.x
#108	Scott Creek Rd. & I-680 NB Ramps	A	6.9	0.000	6.9	A	7.2	0.000	7.2	B	7.5	0.000	+ 0.000	7.5	+ 0.3	?	xx.x	x.xxx	xx.x
#109	McCarthy Blvd. & Ranch Dr. (N)	B+	11.3	0.466	13.7	B	14.0	0.630	17.7	C+	20.8	0.719	+ 0.089	21.8	+ 4.1	?	xx.x	x.xxx	xx.x
#110	McCarthy Blvd. & Ranch Dr. (S)	B	15.6	0.627	20.6	C+	20.9	0.792	25.1	D	42.5	0.700	- 0.092	70.9	+ 45.8	?	xx.x	x.xxx	xx.x

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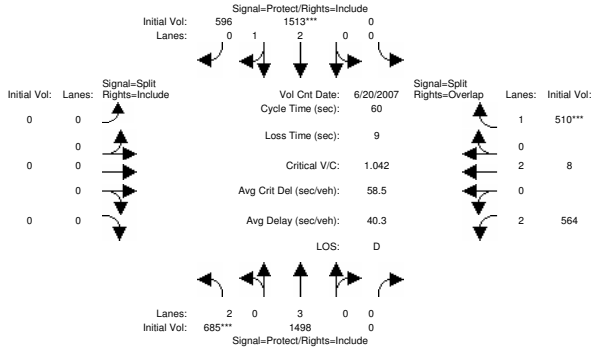
Level Of Service Computation Report
2000 HCM Operations (Future Volume Alternative)
Project PM

Intersection #1: McCarthy Blvd. & SR 237 WB Ramps



Street Name:	McCarthy Blvd.						SR 237 WB Ramps					
Approach:	North Bound			South Bound			East Bound			West Bound		
Movement:	L - T - R			L - T - R			L - T - R			L - T - R		
Min. Green:	7	10	0	0	10	10	0	0	0	10	10	10
Volume Module: >> Count Date: 20 Jun 2007 <<												
Base Vol:	670	1467	0	0	1178	431	0	0	0	277	8	504
Growth Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Initial Bse:	670	1467	0	0	1178	431	0	0	0	277	8	504
Added Vol:	15	31	0	0	335	165	0	0	0	287	0	6
PasserByVol:	0	0	0	0	0	0	0	0	0	0	0	0
Initial Fut:	685	1498	0	0	1513	596	0	0	0	564	8	510
User Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
PHF Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
PHF Volume:	685	1498	0	0	1513	596	0	0	0	564	8	510
Reduct Vol:	0	0	0	0	0	0	0	0	0	0	0	0
Reduced Vol:	685	1498	0	0	1513	596	0	0	0	564	8	510
PCE Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
MLF Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
FinalVolume:	685	1498	0	0	1513	596	0	0	0	564	8	510
Saturation Flow Module:												
Sat/Lane:	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900
Adjustment:	0.83	1.00	0.92	0.92	1.00	0.95	0.92	1.00	0.92	0.83	1.00	0.92
Lanes:	2.00	3.00	0.00	0.00	2.12	0.88	0.00	0.00	0.00	2.00	2.00	1.00
Final Sat.:	3150	5700	0	0	4015	1582	0	0	0	3150	3800	1750
Capacity Analysis Module:												
Vol/Sat:	0.22	0.26	0.00	0.00	0.38	0.38	0.00	0.00	0.00	0.18	0.00	0.29
Crit Moves:	****				****							****
Green Time:	12.5	34.2	0.0	0.0	21.7	21.7	0.0	0.0	0.0	16.8	16.8	16.8
Volume/Cap:	1.04	0.46	0.00	0.00	1.04	1.04	0.00	0.00	0.00	0.64	0.01	1.04
Delay/Veh:	70.2	7.6	0.0	0.0	51.1	51.1	0.0	0.0	0.0	20.6	15.6	73.6
User DelAdj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
AdjDel/Veh:	70.2	7.6	0.0	0.0	51.1	51.1	0.0	0.0	0.0	20.6	15.6	73.6
LOS by Move:	E	A	A	A	D-	D-	A	A	A	C+	B	E
HCM2k95thQ:	18	10	0	0	28	28	0	0	0	13	0	33

Note: Queue reported is the number of cars per lane.

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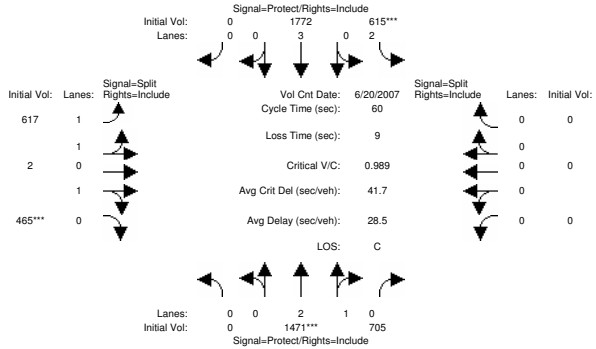
Level Of Service Computation Report
2000 HCM Operations (Future Volume Alternative)
Project PM

Intersection #2: McCarthy Blvd. & SR 237 EB Ramps



Street Name:	McCarthy Blvd.						SR 237 EB Ramps					
Approach:	North Bound			South Bound			East Bound			West Bound		
Movement:	L - T - R			L - T - R			L - T - R			L - T - R		
Min. Green:	0	10	10	7	10	0	10	10	10	0	0	0
Volume Module: >> Count Date: 20 Jun 2007 << 6-9p												
Base Vol:	0	1430	302	541	1224	0	612	2	274	0	0	0
Growth Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Initial Bse:	0	1430	302	541	1224	0	612	2	274	0	0	0
Added Vol:	0	41	403	74	548	0	5	0	191	0	0	0
PasserByVol:	0	0	0	0	0	0	0	0	0	0	0	0
Initial Fut:	0	1471	705	615	1772	0	617	2	465	0	0	0
User Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
PHF Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
PHF Volume:	0	1471	705	615	1772	0	617	2	465	0	0	0
Reduct Vol:	0	0	0	0	0	0	0	0	0	0	0	0
Reduced Vol:	0	1471	705	615	1772	0	617	2	465	0	0	0
PCE Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
MLF Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
FinalVolume:	0	1471	705	615	1772	0	617	2	465	0	0	0
Saturation Flow Module:												
Sat/Lane:	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900
Adjustment:	0.92	1.00	0.95	0.83	1.00	0.92	0.93	0.95	0.95	0.92	1.00	0.92
Lanes:	0.00	2.00	1.00	2.00	3.00	0.00	1.99	0.01	1.00	0.00	0.00	0.00
Final Sat.:	0	3797	1800	3150	5700	0	3530	11	1800	0	0	0
Capacity Analysis Module:												
Vol/Sat:	0.00	0.39	0.39	0.20	0.31	0.00	0.17	0.17	0.26	0.00	0.00	0.00
Crit Moves:		****		****					****			
Green Time:	0.0	23.5	23.5	11.8	35.3	0.0	15.7	15.7	15.7	0.0	0.0	0.0
Volume/Cap:	0.00	0.99	1.00	0.99	0.53	0.00	0.67	0.67	0.99	0.00	0.00	0.00
Delay/Veh:	0.0	34.8	37.6	57.3	7.5	0.0	20.9	20.9	46.6	0.0	0.0	0.0
User DelAdj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
AdjDel/Veh:	0.0	34.8	37.6	57.3	7.5	0.0	20.9	20.9	46.6	0.0	0.0	0.0
LOS by Move:	A	C-	D+	E+	A	A	C+	C+	D	A	A	A
HCM2k95thQ:	0	24	25	13	11	0	13	13	27	0	0	0

Note: Queue reported is the number of cars per lane.

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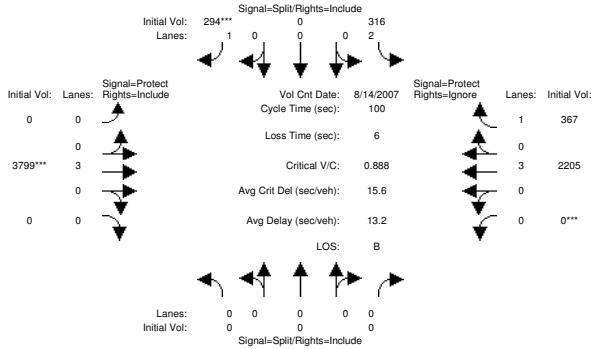
Intersection #3: SR 237 & I-880 SB Ramps



Street Name:	I-880 SB Ramps						SR 237					
Approach:	North Bound			South Bound			East Bound			West Bound		
Movement:	L - T - R			L - T - R			L - T - R			L - T - R		
Min. Green:	0	0	0	10	0	10	0	10	0	0	10	0
Volume Module: >> Count Date: 14 Aug 2007 << 5:00-6:00PM												
Base Vol:	0	0	0	316	0	216	0	3510	0	0	1990	367
Growth Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Initial Bse:	0	0	0	316	0	216	0	3510	0	0	1990	367
Added Vol:	0	0	0	0	0	78	0	289	0	0	215	0
PasserByVol:	0	0	0	0	0	0	0	0	0	0	0	0
Initial Fut:	0	0	0	316	0	294	0	3799	0	0	2205	367
User Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	0.00
PHF Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	0.00
PHF Volume:	0	0	0	316	0	294	0	3799	0	0	2205	0
Reduct Vol:	0	0	0	0	0	0	0	0	0	0	0	0
Reduced Vol:	0	0	0	316	0	294	0	3799	0	0	2205	0
PCE Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	0.00
MLF Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	0.00
FinalVolume:	0	0	0	316	0	294	0	3799	0	0	2205	0
Saturation Flow Module:												
Sat/Lane:	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900
Adjustment:	0.92	1.00	0.92	0.83	1.00	0.92	0.92	1.00	0.92	0.92	1.00	0.92
Lanes:	0.00	0.00	0.00	2.00	0.00	1.00	0.00	3.00	0.00	0.00	3.00	1.00
Final Sat.:	0	0	0	3150	0	1750	0	5700	0	0	5700	1750
Capacity Analysis Module:												
Vol/Sat:	0.00	0.00	0.00	0.10	0.00	0.17	0.00	0.67	0.00	0.00	0.39	0.00
Crit Moves:						****		****		****		
Green Time:	0.0	0.0	0.0	18.9	0.0	18.9	0.0	75.1	0.0	0.0	75.1	0.0
Volume/Cap:	0.00	0.00	0.00	0.53	0.00	0.89	0.00	0.89	0.00	0.00	0.52	0.00
Delay/Veh:	0.0	0.0	0.0	37.4	0.0	63.4	0.0	11.9	0.0	0.0	5.2	0.0
User DelAdj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
AdjDel/Veh:	0.0	0.0	0.0	37.4	0.0	63.4	0.0	11.9	0.0	0.0	5.2	0.0
LOS by Move:	A	A	A	D+	A	E	A	B+	A	A	A	A
HCM2k95thQ:	0	0	0	11	0	23	0	52	0	0	17	0

Note: Queue reported is the number of cars per lane.

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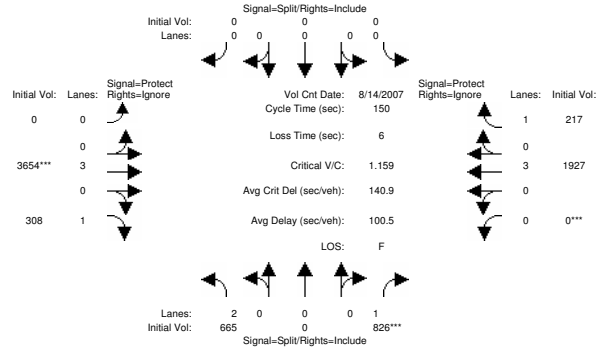
Intersection #4: Calaveras Blvd. & I-880 NB Ramps



Street Name:	I-880 NB Ramps						Calaveras Blvd.					
Approach:	North Bound			South Bound			East Bound			West Bound		
Movement:	L - T - R			L - T - R			L - T - R			L - T - R		
Min. Green:	7	10	10	7	10	10	7	10	10	7	10	10
Volume Module: >> Count Date: 14 Aug 2007 << 4:30-5:30PM												
Base Vol:	623	0	826	0	0	0	0	3418	254	0	1755	217
Growth Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Initial Bse:	623	0	826	0	0	0	0	3418	254	0	1755	217
Added Vol:	42	0	0	0	0	0	0	236	54	0	172	0
PasserByVol:	0	0	0	0	0	0	0	0	0	0	0	0
Initial Fut:	665	0	826	0	0	0	0	3654	308	0	1927	217
User Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	0.00	1.00	1.00	0.00
PHF Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	0.00	1.00	1.00	0.00
PHF Volume:	665	0	826	0	0	0	0	3654	0	0	1927	0
Reduct Vol:	0	0	0	0	0	0	0	0	0	0	0	0
Reduced Vol:	665	0	826	0	0	0	0	3654	0	0	1927	0
PCE Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	0.00	1.00	1.00	0.00
MLF Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	0.00	1.00	1.00	0.00
FinalVolume:	665	0	826	0	0	0	0	3654	0	0	1927	0
Saturation Flow Module:												
Sat/Lane:	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900
Adjustment:	0.83	1.00	1.00	0.92	1.00	0.92	0.92	1.00	0.92	0.92	1.00	0.92
Lanes:	2.00	0.00	1.00	0.00	0.00	0.00	0.00	3.00	1.00	0.00	3.00	1.00
Final Sat.:	3150	0	1750	0	0	0	0	5700	1750	0	5700	1750
Capacity Analysis Module:												
Vol/Sat:	0.21	0.00	0.47	0.00	0.00	0.00	0.00	0.64	0.00	0.00	0.34	0.00
Crit Moves:			****					****		****		
Green Time:	58.1	0.0	58.1	0.0	0.0	0.0	0.0	78.9	0.0	0.0	75.5	0.0
Volume/Cap:	0.55	0.00	1.22	0.00	0.00	0.00	0.00	1.22	0.00	0.00	0.67	0.00
Delay/Veh:	36.2	0.0	157.4	0.0	0.0	0.0	0.0	137	0.0	0.0	28.6	0.0
User DelAdj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
AdjDel/Veh:	36.2	0.0	157.4	0.0	0.0	0.0	0.0	137	0.0	0.0	28.6	0.0
LOS by Move:	D+	A	F	A	A	A	A	F	A	A	C	A
HCM2k95thQ:	25	0	94	0	0	0	0	120	0	0	37	0

Note: Queue reported is the number of cars per lane.

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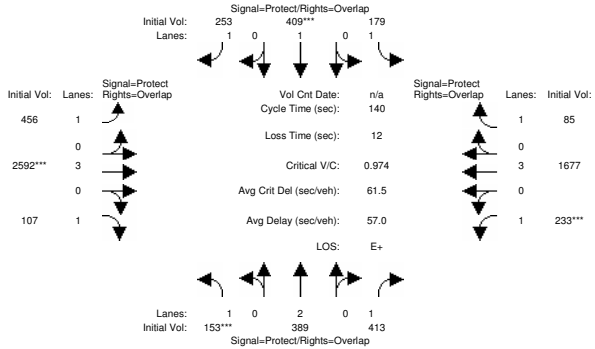
Intersection #5: Calaveras Blvd. / Abel St. [CMP]



Street Name:	Abel St.						Calaveras Blvd.					
Approach:	North Bound			South Bound			East Bound			West Bound		
Movement:	L - T - R			L - T - R			L - T - R			L - T - R		
Min. Green:	7	10	10	7	10	10	7	10	10	7	10	10
Volume Module:												
Base Vol:	153	389	413	179	409	244	438	2393	107	233	1541	85
Growth Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Initial Bse:	153	389	413	179	409	244	438	2393	107	233	1541	85
Added Vol:	0	0	0	0	0	9	18	199	0	0	136	0
PasserByVol:	0	0	0	0	0	0	0	0	0	0	0	0
Initial Fut:	153	389	413	179	409	253	456	2592	107	233	1677	85
User Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
PHF Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
PHF Volume:	153	389	413	179	409	253	456	2592	107	233	1677	85
Reduct Vol:	0	0	0	0	0	0	0	0	0	0	0	0
Reduced Vol:	153	389	413	179	409	253	456	2592	107	233	1677	85
PCE Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
MLF Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
FinalVolume:	153	389	413	179	409	253	456	2592	107	233	1677	85
Saturation Flow Module:												
Sat/Lane:	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900
Adjustment:	0.92	1.00	0.92	0.92	1.00	0.92	0.92	1.00	0.92	0.92	1.00	0.92
Lanes:	1.00	2.00	1.00	1.00	1.00	1.00	1.00	3.00	1.00	1.00	3.00	1.00
Final Sat.:	1750	3800	1750	1750	1900	1750	1750	5700	1750	1750	5700	1750
Capacity Analysis Module:												
Vol/Sat:	0.09	0.10	0.24	0.10	0.22	0.14	0.26	0.45	0.06	0.13	0.29	0.05
Crit Moves:	****				****			****		****		
Green Time:	12.6	21.8	40.9	21.7	30.9	70.6	39.7	65.4	77.9	19.1	44.8	66.5
Volume/Cap:	0.97	0.66	0.81	0.66	0.97	0.29	0.92	0.97	0.11	0.97	0.92	0.10
Delay/Veh:	127.4	58.3	55.0	61.6	91.1	20.3	70.9	48.5	14.7	110.9	53.9	20.3
User DelAdj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
AdjDel/Veh:	127.4	58.3	55.0	61.6	91.1	20.3	70.9	48.5	14.7	110.9	53.9	20.3
LOS by Move:	F	E+	E+	E	F	C+	E	D	B	F	D-	C+
HCM2k95thQ:	20	16	33	16	37	13	38	64	5	20	38	4

Note: Queue reported is the number of cars per lane.

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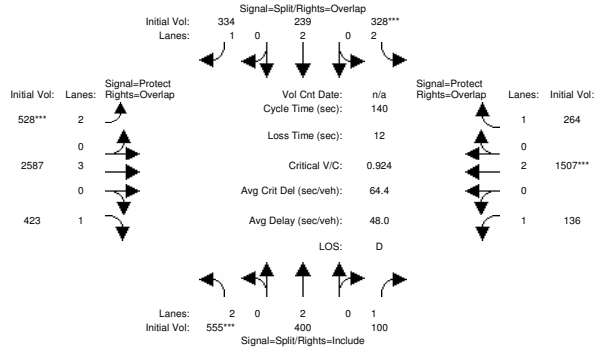
Intersection #6: Milpitas Blvd. / Calaveras Blvd. [CMP]



Street Name:	Milpitas Blvd.						Calaveras Blvd.					
Approach:	North Bound			South Bound			East Bound			West Bound		
Movement:	L - T - R			L - T - R			L - T - R			L - T - R		
Min. Green:	10	10	10	10	10	10	7	10	10	7	10	10
Volume Module:												
Base Vol:	535	400	100	328	239	306	507	2420	412	136	1418	264
Growth Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Initial Bse:	535	400	100	328	239	306	507	2420	412	136	1418	264
Added Vol:	20	0	0	0	0	28	21	167	11	0	89	0
PasserByVol:	0	0	0	0	0	0	0	0	0	0	0	0
Initial Fut:	555	400	100	328	239	334	528	2587	423	136	1507	264
User Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
PHF Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
PHF Volume:	555	400	100	328	239	334	528	2587	423	136	1507	264
Reduct Vol:	0	0	0	0	0	0	0	0	0	0	0	0
Reduced Vol:	555	400	100	328	239	334	528	2587	423	136	1507	264
PCE Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
MLF Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
FinalVolume:	555	400	100	328	239	334	528	2587	423	136	1507	264
Saturation Flow Module:												
Sat/Lane:	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900
Adjustment:	0.83	1.00	0.92	0.92	0.83	1.00	0.92	0.83	1.00	0.92	0.92	1.00
Lanes:	2.00	2.00	1.00	2.00	2.00	1.00	2.00	3.00	1.00	1.00	2.00	1.00
Final Sat.:	3150	3800	1750	3150	3800	1750	3150	5700	1750	1750	3800	1750
Capacity Analysis Module:												
Vol/Sat:	0.18	0.11	0.06	0.10	0.06	0.19	0.17	0.45	0.24	0.08	0.40	0.15
Crit Moves:	****			****			****				****	
Green Time:	26.7	26.7	26.7	15.8	15.8	41.2	25.4	73.0	99.7	12.5	60.1	75.9
Volume/Cap:	0.92	0.55	0.30	0.92	0.56	0.65	0.92	0.87	0.34	0.87	0.92	0.28
Delay/Veh:	77.7	54.2	50.9	93.4	64.0	49.3	79.2	33.2	8.4	107.0	48.1	18.0
User DelAdj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
AdjDel/Veh:	77.7	54.2	50.9	93.4	64.0	49.3	79.2	33.2	8.4	107.0	48.1	18.0
LOS by Move:	E-	D-	D	F	E	D	E-	C-	A	F	D	B-
HCM2k95thQ:	29	15	8	18	10	23	22	49	13	14	57	12

Note: Queue reported is the number of cars per lane.

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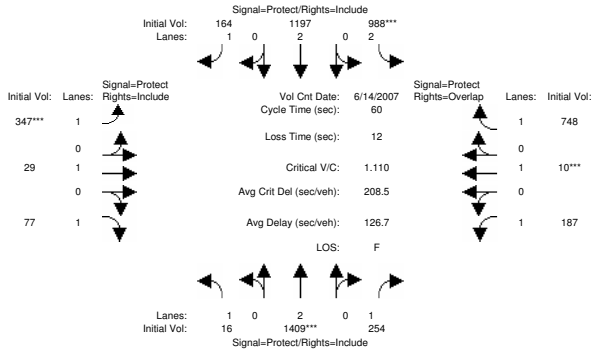
Intersection #7: McCarthy Blvd. & Bellew Dr. (interim)



Street Name:	McCarthy Blvd.						Bellew Dr.					
Approach:	North Bound			South Bound			East Bound			West Bound		
Movement:	L	T	R	L	T	R	L	T	R	L	T	R
Min. Green:	7	10	10	7	10	10	7	10	10	7	10	10
Volume Module: >> Count Date: 14 Jun 2007 <<												
Base Vol:	16	1409	254	988	1197	164	347	29	77	187	10	748
Growth Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Initial Bse:	16	1409	254	988	1197	164	347	29	77	187	10	748
Added Vol:	0	0	0	0	0	0	0	0	0	0	0	0
PasserByVol:	0	0	0	0	0	0	0	0	0	0	0	0
Initial Fut:	16	1409	254	988	1197	164	347	29	77	187	10	748
User Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
PHF Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
PHF Volume:	16	1409	254	988	1197	164	347	29	77	187	10	748
Reduct Vol:	0	0	0	0	0	0	0	0	0	0	0	0
Reduced Vol:	16	1409	254	988	1197	164	347	29	77	187	10	748
PCE Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
MLF Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
FinalVolume:	16	1409	254	988	1197	164	347	29	77	187	10	748
Saturation Flow Module:												
Sat/Lane:	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900
Adjustment:	0.92	1.00	0.92	0.83	1.00	0.92	0.92	1.00	0.92	0.92	1.00	0.92
Lanes:	1.00	2.00	1.00	2.00	2.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Final Sat.:	1750	3800	1750	3150	3800	1750	1750	1900	1750	1750	1900	1750
Capacity Analysis Module:												
Vol/Sat:	0.01	0.37	0.15	0.31	0.32	0.09	0.20	0.02	0.04	0.11	0.01	0.43
Crit Moves:		****		****			****				****	
Green Time:	8.0	16.0	16.0	13.5	21.5	21.5	8.5	10.9	10.9	7.6	10.0	23.5
Volume/Cap:	0.07	1.39	0.55	1.39	0.88	0.26	1.39	0.08	0.24	0.84	0.03	1.09
Delay/Veh:	23.3	205	23.4	209.0	26.4	14.6	225.6	20.9	22.8	55.6	21.1	80.1
User DelAdj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
AdjDel/Veh:	23.3	205	23.4	209.0	26.4	14.6	225.6	20.9	22.8	55.6	21.1	80.1
LOS by Move:	C	F	C	F	C	B	F	C+	C+	E+	C+	F
HCM2kAvgQ:	0	40	5	34	14	2	22	0	2	6	0	29

Note: Queue reported is the number of cars per lane.

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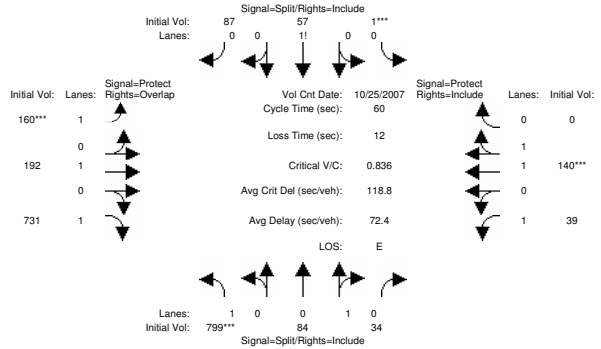
Intersection #8: Barber Ln & Bellew Dr (interim)



Street Name:	Barber Ln						Bellew Dr					
Approach:	North Bound			South Bound			East Bound			West Bound		
Movement:	L	T	R	L	T	R	L	T	R	L	T	R
Min. Green:	10	10	10	10	10	10	7	10	10	7	10	10
Volume Module: >> Count Date: 25 Oct 2007 <<												
Base Vol:	799	84	34	1	57	87	160	192	731	39	140	0
Growth Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Initial Bse:	799	84	34	1	57	87	160	192	731	39	140	0
Added Vol:	0	0	0	0	0	0	0	0	0	0	0	0
PasserByVol:	0	0	0	0	0	0	0	0	0	0	0	0
Initial Fut:	799	84	34	1	57	87	160	192	731	39	140	0
User Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
PHF Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
PHF Volume:	799	84	34	1	57	87	160	192	731	39	140	0
Reduct Vol:	0	0	0	0	0	0	0	0	0	0	0	0
Reduced Vol:	799	84	34	1	57	87	160	192	731	39	140	0
PCE Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
MLF Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
FinalVolume:	799	84	34	1	57	87	160	192	731	39	140	0
Saturation Flow Module:												
Sat/Lane:	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900
Adjustment:	0.92	0.95	0.95	0.92	0.92	0.92	0.92	1.00	0.92	0.92	0.97	0.92
Lanes:	1.00	0.71	0.29	0.01	0.39	0.60	1.00	1.00	1.00	1.00	2.00	0.00
Final Sat.:	1750	1281	519	12	688	1050	1750	1900	1750	1750	3700	0
Capacity Analysis Module:												
Vol/Sat:	0.46	0.07	0.07	0.08	0.08	0.08	0.09	0.10	0.42	0.02	0.04	0.00
Crit Moves:	****			****			****				****	
Green Time:	21.0	21.0	21.0	10.0	10.0	10.0	7.0	10.0	31.0	7.0	10.0	0.0
Volume/Cap:	1.30	0.19	0.19	0.50	0.50	0.50	0.78	0.61	0.81	0.19	0.23	0.00
Delay/Veh:	168.1	13.7	13.7	24.0	24.0	24.0	43.5	26.5	17.5	24.4	21.8	0.0
User DelAdj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
AdjDel/Veh:	168.1	13.7	13.7	24.0	24.0	24.0	43.5	26.5	17.5	24.4	21.8	0.0
LOS by Move:	F	B	B	C	C	C	D	C	B	C	C+	A
HCM2kAvgQ:	44	2	2	3	3	3	5	4	15	1	1	0

Note: Queue reported is the number of cars per lane.

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Level Of Service Computation Report
2000 HCM Operations (Future Volume Alternative)
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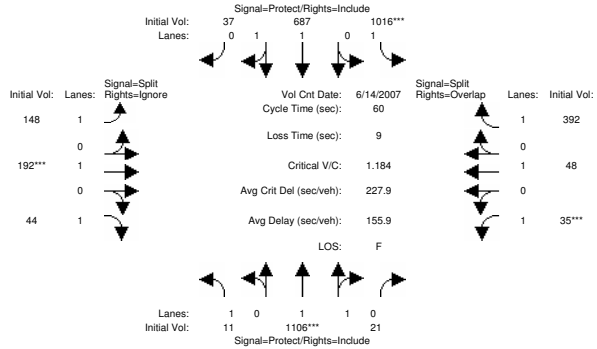
Intersection #9: McCarthy Blvd. & Alder Dr.



Street Name:	McCarthy Blvd.						Alder Dr.					
Approach:	North Bound			South Bound			East Bound			West Bound		
Movement:	L - T - R			L - T - R			L - T - R			L - T - R		
Min. Green:	0	10	10	7	10	0	0	0	0	10	0	10
Volume Module: >> Count Date: 14 Jun 2007 <<												
Base Vol:	0	1065	21	834	631	0	0	0	0	35	0	390
Growth Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Initial Bse:	0	1065	21	834	631	0	0	0	0	35	0	390
Added Vol:	11	41	0	182	56	37	148	192	44	0	48	2
PasserByVol:	0	0	0	0	0	0	0	0	0	0	0	0
Initial Fut:	11	1106	21	1016	687	37	148	192	44	35	48	392
User Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	0.00	1.00	1.00	1.00
PHF Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	0.00	1.00	1.00	1.00
PHF Volume:	11	1106	21	1016	687	37	148	192	0	35	48	392
Reduct Vol:	0	0	0	0	0	0	0	0	0	0	0	0
Reduced Vol:	11	1106	21	1016	687	37	148	192	0	35	48	392
PCE Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	0.00	1.00	1.00	1.00
MLF Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	0.00	1.00	1.00	1.00
FinalVolume:	11	1106	21	1016	687	37	148	192	0	35	48	392
Saturation Flow Module:												
Sat/Lane:	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900
Adjustment:	0.92	0.97	0.95	0.92	0.98	0.95	0.92	1.00	0.92	0.92	1.00	0.92
Lanes:	1.00	1.96	0.04	1.00	1.89	0.11	1.00	1.00	1.00	1.00	1.00	1.00
Final Sat.:	1750	3631	69	1750	3511	189	1750	1900	1750	1750	1900	1750
Capacity Analysis Module:												
Vol/Sat:	0.01	0.30	0.30	0.58	0.20	0.20	0.08	0.10	0.00	0.02	0.03	0.22
Crit Moves:		****		****				****		****		
Green Time:	1.1	12.7	12.7	24.1	35.7	35.7	4.2	4.2	0.0	10.0	10.0	34.1
Volume/Cap:	0.33	1.44	1.44	1.44	0.33	0.33	1.21	1.44	0.00	0.12	0.15	0.39
Delay/Veh:	53.5	230	230.4	225.4	6.5	6.5	175.5	265	0.0	22.1	22.4	8.4
User DelAdj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
AdjDel/Veh:	53.5	230	230.4	225.4	6.5	6.5	175.5	265	0.0	22.1	22.4	8.4
LOS by Move:	D-	F	F	F	A	A	F	F	A	C+	C+	A
HCM2k95thQ:	2	56	56	102	8	8	16	22	0	1	2	9

Note: Queue reported is the number of cars per lane.

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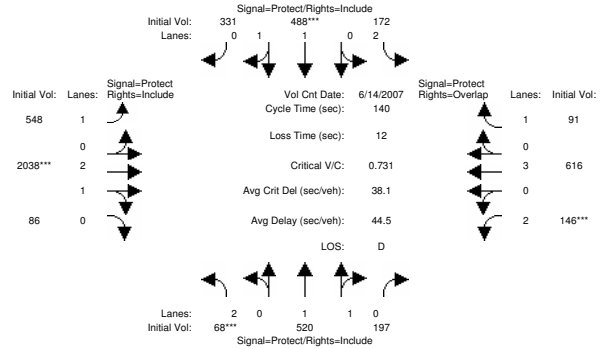
Intersection #10: McCarthy Blvd. & Tasman Dr.



Street Name:	McCarthy Blvd.						Tasman Dr.					
Approach:	North Bound			South Bound			East Bound			West Bound		
Movement:	L - T - R			L - T - R			L - T - R			L - T - R		
Min. Green:	7	10	10	7	10	10	7	10	10	7	10	10
Volume Module: >> Count Date: 14 Jun 2007 <<												
Base Vol:	68	486	197	172	422	298	530	2013	86	146	603	91
Growth Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Initial Bse:	68	486	197	172	422	298	530	2013	86	146	603	91
Added Vol:	0	34	0	0	66	33	18	25	0	0	13	0
PasserByVol:	0	0	0	0	0	0	0	0	0	0	0	0
Initial Fut:	68	520	197	172	488	331	548	2038	86	146	616	91
User Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
PHF Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
PHF Volume:	68	520	197	172	488	331	548	2038	86	146	616	91
Reduct Vol:	0	0	0	0	0	0	0	0	0	0	0	0
Reduced Vol:	68	520	197	172	488	331	548	2038	86	146	616	91
PCE Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
MLF Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
FinalVolume:	68	520	197	172	488	331	548	2038	86	146	616	91
Saturation Flow Module:												
Sat/Lane:	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900
Adjustment:	0.83	0.98	0.95	0.83	0.99	0.95	0.92	0.98	0.95	0.83	1.00	0.92
Lanes:	2.00	1.44	0.56	2.00	1.17	0.83	1.00	2.87	0.13	2.00	3.00	1.00
Final Sat.:	3150	2683	1016	3150	2204	1495	1750	5373	227	3150	5700	1750
Capacity Analysis Module:												
Vol/Sat:	0.02	0.19	0.19	0.05	0.22	0.22	0.31	0.38	0.38	0.05	0.11	0.05
Crit Moves:	****				****			****			****	
Green Time:	7.0	37.8	37.8	10.6	41.4	41.4	59.2	70.9	70.9	8.7	20.4	31.1
Volume/Cap:	0.43	0.72	0.72	0.72	0.75	0.75	0.74	0.75	0.75	0.75	0.74	0.23
Delay/Veh:	73.0	50.7	50.7	80.1	49.3	49.3	40.6	29.3	29.3	87.5	63.2	46.1
User DelAdj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
AdjDel/Veh:	73.0	50.7	50.7	80.1	49.3	49.3	40.6	29.3	29.3	87.5	63.2	46.1
LOS by Move:	E	D	D	F	D	D	D	C	C	F	E	D
HCM2k95thQ:	4	25	25	11	28	28	34	39	39	8	16	7

Note: Queue reported is the number of cars per lane.

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Level Of Service Computation Report
2000 HCM Operations (Future Volume Alternative)
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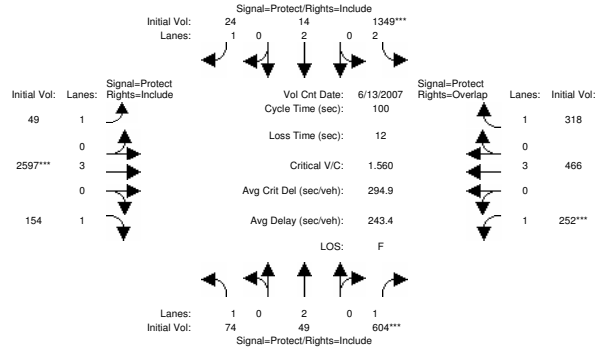
Intersection #11: Tasman Dr. & Alder Dr.



Street Name:	Alder Dr.						Tasman Dr.					
Approach:	North Bound			South Bound			East Bound			West Bound		
Movement:	L - T - R			L - T - R			L - T - R			L - T - R		
Min. Green:	7	10	10	7	10	10	7	10	10	7	10	10
Volume Module: >> Count Date: 13 Jun 2007 <<												
Base Vol:	61	49	474	975	14	24	49	2597	129	84	466	268
Growth Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Initial Bse:	61	49	474	975	14	24	49	2597	129	84	466	268
Added Vol:	13	0	130	374	0	0	0	0	25	168	0	50
PasserByVol:	0	0	0	0	0	0	0	0	0	0	0	0
Initial Fut:	74	49	604	1349	14	24	49	2597	154	252	466	318
User Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
PHF Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
PHF Volume:	74	49	604	1349	14	24	49	2597	154	252	466	318
Reduct Vol:	0	0	0	0	0	0	0	0	0	0	0	0
Reduced Vol:	74	49	604	1349	14	24	49	2597	154	252	466	318
PCE Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
MLF Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
FinalVolume:	74	49	604	1349	14	24	49	2597	154	252	466	318
Saturation Flow Module:												
Sat/Lane:	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900
Adjustment:	0.92	1.00	0.92	0.83	1.00	0.92	0.92	1.00	0.92	0.92	1.00	0.92
Lanes:	1.00	2.00	1.00	2.00	2.00	1.00	1.00	3.00	1.00	1.00	3.00	1.00
Final Sat.:	1750	3800	1750	3150	3800	1750	1750	5700	1750	1750	5700	1750
Capacity Analysis Module:												
Vol/Sat:	0.04	0.01	0.35	0.43	0.00	0.01	0.03	0.46	0.09	0.14	0.08	0.18
Crit Moves:			****	****				****		****		
Green Time:	20.4	22.1	22.1	27.4	29.2	29.2	15.8	29.2	29.2	9.2	22.6	50.1
Volume/Cap:	0.21	0.06	1.56	1.56	0.01	0.05	0.18	1.56	0.30	1.56	0.36	0.36
Delay/Veh:	34.4	30.9	303.4	294.1	25.2	25.6	37.8	290	29.0	325.4	33.4	16.4
User DelAdj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
AdjDel/Veh:	34.4	30.9	303.4	294.1	25.2	25.6	37.8	290	29.0	325.4	33.4	16.4
LOS by Move:	C-	C	F	F	C	C	D+	F	C	F	C-	B
HCM2k95thQ:	5	1	79	98	0	1	3	103	8	34	8	12

Note: Queue reported is the number of cars per lane.

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2000 HCM Operations (Future Volume Alternative)
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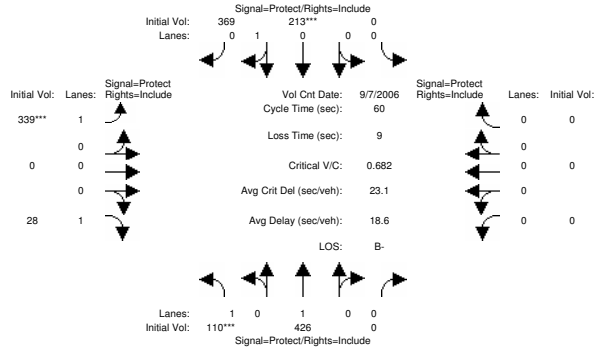
Intersection #12: Barber Ln / Alder Dr



Street Name:	Barber Ln						Alder Dr					
Approach:	North Bound			South Bound			East Bound			West Bound		
Movement:	L - T - R			L - T - R			L - T - R			L - T - R		
Min. Green:	7	10	0	0	10	10	7	0	10	0	0	0
Volume Module: >> Count Date: 7 Sep 2006 <<												
Base Vol:	110	242	0	0	105	226	145	0	28	0	0	0
Growth Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Initial Bse:	110	242	0	0	105	226	145	0	28	0	0	0
Added Vol:	0	184	0	0	108	143	194	0	0	0	0	0
PasserByVol:	0	0	0	0	0	0	0	0	0	0	0	0
Initial Fut:	110	426	0	0	213	369	339	0	28	0	0	0
User Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
PHF Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
PHF Volume:	110	426	0	0	213	369	339	0	28	0	0	0
Reduct Vol:	0	0	0	0	0	0	0	0	0	0	0	0
Reduced Vol:	110	426	0	0	213	369	339	0	28	0	0	0
PCE Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
MLF Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
FinalVolume:	110	426	0	0	213	369	339	0	28	0	0	0
Saturation Flow Module:												
Sat/Lane:	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900
Adjustment:	0.92	1.00	0.92	0.92	0.95	0.95	0.92	1.00	0.92	0.92	1.00	0.92
Lanes:	1.00	1.00	0.00	0.00	0.37	0.63	1.00	0.00	1.00	0.00	0.00	0.00
Final Sat.:	1750	1900	0	0	659	1141	1750	0	1750	0	0	0
Capacity Analysis Module:												
Vol/Sat:	0.06	0.22	0.00	0.00	0.32	0.32	0.19	0.00	0.02	0.00	0.00	0.00
Crit Moves:	****				****		****					
Green Time:	7.0	34.5	0.0	0.0	27.5	27.5	16.5	0.0	16.5	0.0	0.0	0.0
Volume/Cap:	0.54	0.39	0.00	0.00	0.71	0.71	0.71	0.00	0.06	0.00	0.00	0.00
Delay/Veh:	34.8	8.0	0.0	0.0	18.0	18.0	28.0	0.0	16.3	0.0	0.0	0.0
User DelAdj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
AdjDel/Veh:	34.8	8.0	0.0	0.0	18.0	18.0	28.0	0.0	16.3	0.0	0.0	0.0
LOS by Move:	C-	A	A	A	B-	B-	C	A	B	A	A	A
HCM2k95thQ:	5	9	0	0	18	18	11	0	1	0	0	0

Note: Queue reported is the number of cars per lane.

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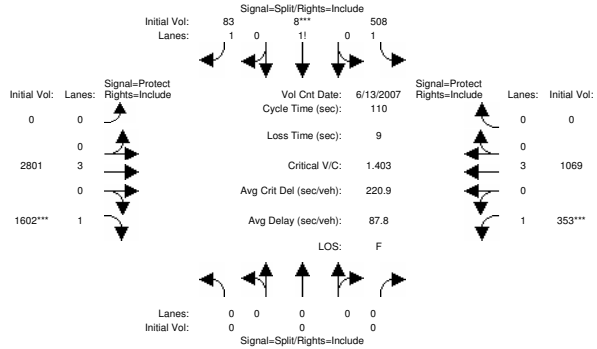
Intersection #13: Tasman Dr. & I-880 SB Ramps



Street Name:	I-880 SB Ramps								Tasman Dr.							
Approach:	North Bound				South Bound				East Bound				West Bound			
Movement:	L	-	T	- R	L	-	T	- R	L	-	T	- R	L	-	T	- R
Min. Green:	0		0	0	10		0	10	7		10	0	7		10	0
Volume Module: >> Count Date: 13 Jun 2007 <<																
Base Vol:	0		0	0	508		8	42	0	2564		1335	353		892	0
Growth Adj:	1.00		1.00	1.00	1.00		1.00	1.00	1.00	1.00		1.00	1.00		1.00	1.00
Initial Bse:	0		0	0	508		8	42	0	2564		1335	353		892	0
Added Vol:	0		0	0	0		0	41	0	237		267	0		177	0
PasserByVol:	0		0	0	0		0	0	0	0		0	0		0	0
Initial Fut:	0		0	0	508		8	83	0	2801		1602	353		1069	0
User Adj:	1.00		1.00	1.00	1.00		1.00	1.00	1.00	1.00		1.00	1.00		1.00	1.00
PHF Adj:	1.00		1.00	1.00	1.00		1.00	1.00	1.00	1.00		1.00	1.00		1.00	1.00
PHF Volume:	0		0	0	508		8	83	0	2801		1602	353		1069	0
Reduct Vol:	0		0	0	0		0	0	0	0		0	0		0	0
Reduced Vol:	0		0	0	508		8	83	0	2801		1602	353		1069	0
PCE Adj:	1.00		1.00	1.00	1.00		1.00	1.00	1.00	1.00		1.00	1.00		1.00	1.00
MLF Adj:	1.00		1.00	1.00	1.00		1.00	1.00	1.00	1.00		1.00	1.00		1.00	1.00
FinalVolume:	0		0	0	508		8	83	0	2801		1602	353		1069	0
Saturation Flow Module:																
Sat/Lane:	1900		1900	1900	1900		1900	1900	1900		1900	1900	1900		1900	1900
Adjustment:	0.92		1.00	0.92	0.93		0.95	0.92	0.92		1.00	0.92	0.92		1.00	0.92
Lanes:	0.00		0.00	0.00	1.83		0.03	1.14	0.00		3.00	1.00	1.00		3.00	0.00
Final Sat.:	0		0	0	3257		47	1992	0		5700	1750	1750		5700	0
Capacity Analysis Module:																
Vol/Sat:	0.00		0.00	0.00	0.16		0.17	0.04	0.00		0.49	0.92	0.20		0.19	0.00
Crit Moves:							****					****	****			
Green Time:	0.0		0.0	0.0	13.4		13.4	13.4	0.0		71.8	71.8	15.8		87.6	0.0
Volume/Cap:	0.00		0.00	0.00	1.28		1.40	0.34	0.00		0.75	1.40	1.40		0.24	0.00
Delay/Veh:	0.0		0.0	0.0	188.9		243	44.8	0.0		14.5	205.9	250.7		2.9	0.0
User DelAdj:	1.00		1.00	1.00	1.00		1.00	1.00	1.00		1.00	1.00	1.00		1.00	1.00
AdjDel/Veh:	0.0		0.0	0.0	188.9		243	44.8	0.0		14.5	205.9	250.7		2.9	0.0
LOS by Move:	A		A	A	F		F	D	A		B	F	F		A	A
HCM2k95thQ:	0		0	0	33		39	6	0		32	186	43		7	0

Note: Queue reported is the number of cars per lane.

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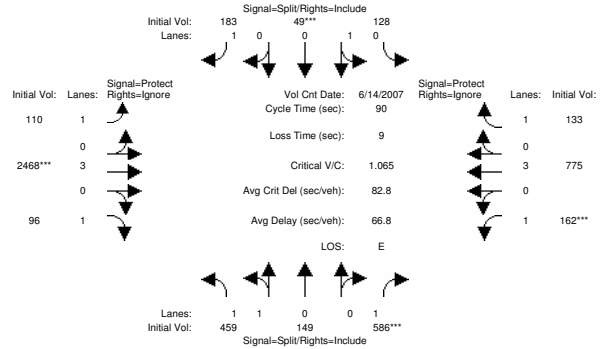
Level Of Service Computation Report
2000 HCM Operations (Future Volume Alternative)
Project PM

Intersection #14: Great Mall Pkwy. & I-880 NB Ramps



Street Name:	I-880 NB Ramps								Great Mall Pkwy.							
Approach:	North Bound				South Bound				East Bound				West Bound			
Movement:	L	-	T	- R	L	-	T	- R	L	-	T	- R	L	-	T	- R
Min. Green:	10		10	10	10		10	10	7		10	10	7		10	10
Volume Module: >> Count Date: 14 Jun 2007 <<																
Base Vol:	351		149	586	128		49	183	110	2315		12	162		706	133
Growth Adj:	1.00		1.00	1.00	1.00		1.00	1.00	1.00	1.00		1.00	1.00		1.00	1.00
Initial Bse:	351		149	586	128		49	183	110	2315		12	162		706	133
Added Vol:	108		0	0	0		0	0	0	153		84	0		69	0
PasserByVol:	0		0	0	0		0	0	0	0		0	0		0	0
Initial Fut:	459		149	586	128		49	183	110	2468		96	162		775	133
User Adj:	1.00		1.00	1.00	1.00		1.00	1.00	1.00	1.00		0.00	1.00		1.00	0.00
PHF Adj:	1.00		1.00	1.00	1.00		1.00	1.00	1.00	1.00		0.00	1.00		1.00	0.00
PHF Volume:	459		149	586	128		49	183	110	2468		0	162		775	0
Reduct Vol:	0		0	0	0		0	0	0	0		0	0		0	0
Reduced Vol:	459		149	586	128		49	183	110	2468		0	162		775	0
PCE Adj:	1.00		1.00	1.00	1.00		1.00	1.00	1.00	1.00		0.00	1.00		1.00	0.00
MLF Adj:	1.00		1.00	1.00	1.00		1.00	1.00	1.00	1.00		0.00	1.00		1.00	0.00
FinalVolume:	459		149	586	128		49	183	110	2468		0	162		775	0
Saturation Flow Module:																
Sat/Lane:	1900		1900	1900	1900		1900	1900	1900		1900	1900	1900		1900	1900
Adjustment:	0.93		0.95	0.92	0.95		0.95	0.92	0.92		1.00	0.92	0.92		1.00	0.92
Lanes:	1.52		0.48	1.00	0.72		0.28	1.00	1.00		3.00	1.00	1.00		3.00	1.00
Final Sat.:	2680		870	1750	1302		498	1750	1750		5700	1750	1750		5700	1750
Capacity Analysis Module:																
Vol/Sat:	0.17		0.17	0.33	0.10		0.10	0.10	0.06		0.43	0.00	0.09		0.14	0.00
Crit Moves:				****			****				****		****			
Green Time:	27.6		27.6	27.6	10.0		10.0	10.0	15.8		35.7	0.0	7.6		27.6	0.0
Volume/Cap:	0.56		0.56	1.09	0.89		0.89	0.94	0.36		1.09	0.00	1.09		0.44	0.00
Delay/Veh:	28.1		28.1	97.0	78.8		78.8	90.5	35.9		75.9	0.0	141.4		25.9	0.0
User DelAdj:	1.00		1.00	1.00	1.00		1.00	1.00	1.00		1.00	1.00	1.00		1.00	1.00
AdjDel/Veh:	28.1		28.1	97.0	78.8		78.8	90.5	35.9		75.9	0.0	141.4		25.9	0.0
LOS by Move:	C		C	F	E-		E-	F	D+		E-	A	F		C	A
HCM2k95thQ:	14		14	46	15		15	16	6		54	0	14		11	0

Note: Queue reported is the number of cars per lane.

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Level Of Service Computation Report
2000 HCM Operations (Future Volume Alternative)
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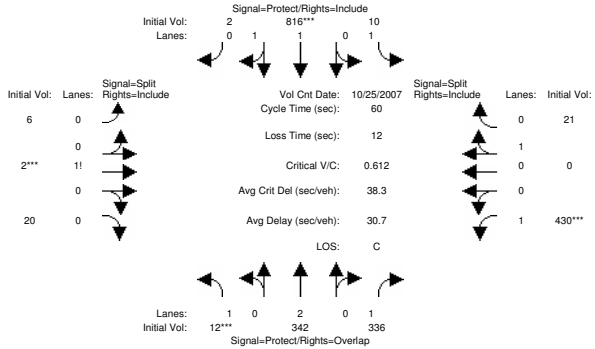
Intersection #15: McCarthy Blvd / Barber Ln



Street Name:	McCarthy Blvd						Barber Ln.					
Approach:	North Bound			South Bound			East Bound			West Bound		
Movement:	L -	T -	R	L -	T -	R	L -	T -	R	L -	T -	R
Min. Green:	7	10	10	7	10	10	10	10	10	10	10	10
Volume Module: >> Count Date: 25 Oct 2007 <<												
Base Vol:	12	308	152	10	750	2	6	2	20	322	0	21
Growth Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Initial Bse:	12	308	152	10	750	2	6	2	20	322	0	21
Added Vol:	0	34	184	0	66	0	0	0	0	108	0	0
PasserByVol:	0	0	0	0	0	0	0	0	0	0	0	0
Initial Fut:	12	342	336	10	816	2	6	2	20	430	0	21
User Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
PHF Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
PHF Volume:	12	342	336	10	816	2	6	2	20	430	0	21
Reduct Vol:	0	0	0	0	0	0	0	0	0	0	0	0
Reduced Vol:	12	342	336	10	816	2	6	2	20	430	0	21
PCE Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
MLF Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
FinalVolume:	12	342	336	10	816	2	6	2	20	430	0	21
Saturation Flow Module:												
Sat/Lane:	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900
Adjustment:	0.92	1.00	0.92	0.92	0.97	0.95	0.92	0.92	0.92	0.92	1.00	0.95
Lanes:	1.00	2.00	1.00	1.00	1.99	0.01	0.21	0.07	0.72	1.00	0.00	1.00
Final Sat.:	1750	3800	1750	1750	3691	9	375	125	1250	1750	0	1800
Capacity Analysis Module:												
Vol/Sat:	0.01	0.09	0.19	0.01	0.22	0.22	0.02	0.02	0.02	0.25	0.00	0.01
Crit Moves:	****				****			****		****		
Green Time:	7.0	12.8	29.1	8.9	14.7	14.7	10.0	10.0	10.0	16.3	0.0	16.3
Volume/Cap:	0.06	0.42	0.40	0.04	0.90	0.90	0.10	0.10	0.10	0.90	0.00	0.04
Delay/Veh:	24.1	22.1	11.3	22.1	36.0	36.0	21.8	21.8	21.8	44.2	0.0	16.3
User DelAdj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
AdjDel/Veh:	24.1	22.1	11.3	22.1	36.0	36.0	21.8	21.8	21.8	44.2	0.0	16.3
LOS by Move:	C	C+	B+	C+	D+	D+	C+	C+	C+	D	A	B
HCM2k95thQ:	0	6	8	0	16	16	1	1	1	19	0	1

Note: Queue reported is the number of cars per lane.

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Level Of Service Computation Report
2000 HCM Operations (Future Volume Alternative)
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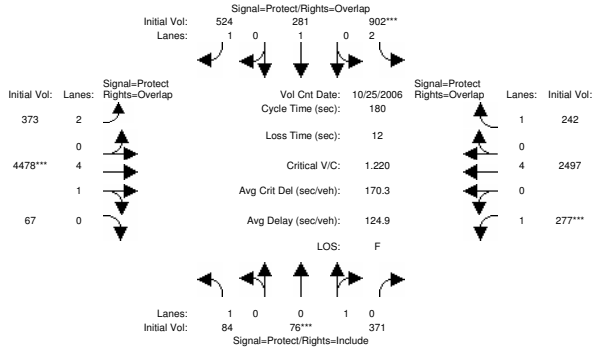
Intersection #16: McCarthy Blvd. / Montague Expy. [CMP]



Street Name:	McCarthy Blvd.						Montague Expy.					
Approach:	North Bound			South Bound			East Bound			West Bound		
Movement:	L -	T -	R	L -	T -	R	L -	T -	R	L -	T -	R
Min. Green:	7	10	10	7	10	10	7	10	10	7	10	10
Volume Module: >> Count Date: 25 Oct 2006 <<												
Base Vol:	84	76	371	823	281	428	248	4478	67	277	2497	149
Growth Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Initial Bse:	84	76	371	823	281	428	248	4478	67	277	2497	149
Added Vol:	0	0	0	79	0	96	125	0	0	0	0	93
PasserByVol:	0	0	0	0	0	0	0	0	0	0	0	0
Initial Fut:	84	76	371	902	281	524	373	4478	67	277	2497	242
User Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	0.92	1.00	1.00	1.00	1.00
PHF Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
PHF Volume:	84	76	371	902	281	524	373	4120	67	277	2497	242
Reduct Vol:	0	0	0	0	0	0	0	0	0	0	0	0
Reduced Vol:	84	76	371	902	281	524	373	4120	67	277	2497	242
PCE Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
MLF Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
FinalVolume:	84	76	371	902	281	524	373	4120	67	277	2497	242
Saturation Flow Module:												
Sat/Lane:	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900
Adjustment:	0.92	0.95	0.95	0.83	1.00	0.92	0.83	0.99	0.95	0.92	1.00	0.92
Lanes:	1.00	0.17	0.83	2.00	1.00	1.00	2.00	4.92	0.08	1.00	4.00	1.00
Final Sat.:	1750	306	1494	3150	1900	1750	3150	9249	150	1750	7600	1750
Capacity Analysis Module:												
Vol/Sat:	0.05	0.25	0.25	0.29	0.15	0.30	0.12	0.45	0.45	0.16	0.33	0.14
Crit Moves:		****			****			****			****	
Green Time:	16.5	36.6	36.6	42.3	62.4	86.0	23.6	65.7	82.3	23.4	65.5	107.7
Volume/Cap:	0.52	1.22	1.22	1.22	0.43	0.63	0.90	1.22	0.97	1.22	0.90	0.23
Delay/Veh:	86.3	205	205.0	193.9	61.5	57.9	99.7	159	56.6	210.2	58.9	16.9
User DelAdj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
AdjDel/Veh:	86.3	205	205.0	193.9	61.5	57.9	99.7	159	56.6	210.2	58.9	16.9
LOS by Move:	F	F	F	F	E	E+	F	F	E+	F	E+	B
HCM2k95thQ:	11	60	60	63	24	44	23	96	74	39	54	12

Note: Queue reported is the number of cars per lane.

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Level Of Service Computation Report
2000 HCM Operations (Future Volume Alternative)
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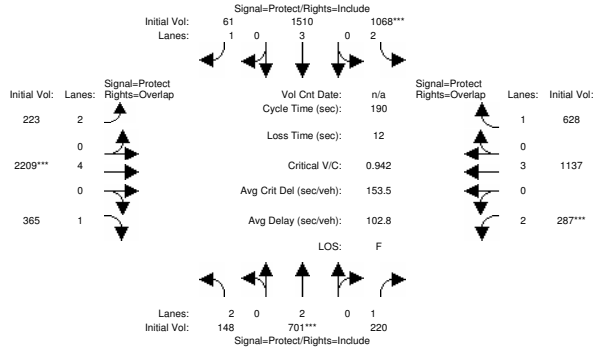
Intersection #17: Montague Expy. / Great Mall Pkwy./Capitol Ave. [CMP]




```
Street Name:  Great Mall Pkwy./Capitol Ave.          Montague Expy.
Approach:       North Bound      South Bound      East Bound       West Bound
Movement:     L  -  T  -  R    L  -  T  -  R    L  -  T  -  R    L  -  T  -  R
------------|---------------||---------------||---------------||---------------|
Min. Green:     7   10   10     7   10   10     7   95   10     7   95   10
------------|---------------||---------------||---------------||---------------|
Volume Module:
Base Vol:     113  644  220  1029 1430   61   223 2187  330   287 1106  613
Growth Adj:  1.00 1.00 1.00  1.00 1.00 1.00  1.00 1.00 1.00  1.00 1.00 1.00
Initial Bse:  113  644  220  1029 1430   61   223 2187  330   287 1106  613
Added Vol:     35   57    0    39   80    0     0   22   35     0   31   15
PasserByVol:    0    0    0     0    0    0     0    0    0     0    0    0
Initial Fut:  148  701  220  1068 1510   61   223 2209  365   287 1137  628
User Adj:    1.00 1.00 1.00  1.00 1.00 1.00  1.00 0.92 1.00  1.00 1.00 1.00
PHF Adj:     1.00 1.00 1.00  1.00 1.00 1.00  1.00 1.00 1.00  1.00 1.00 1.00
PHF Volume:   148  701  220  1068 1510   61   223 2032  365   287 1137  628
Reduct Vol:     0    0    0     0    0    0     0    0    0     0    0    0
Reduced Vol:  148  701  220  1068 1510   61   223 2032  365   287 1137  628
PCE Adj:     1.00 1.00 1.00  1.00 1.00 1.00  1.00 1.00 1.00  1.00 1.00 1.00
MLF Adj:     1.00 1.00 1.00  1.00 1.00 1.00  1.00 1.00 1.00  1.00 1.00 1.00
FinalVolume:  148  701  220  1068 1510   61   223 2032  365   287 1137  628
------------|---------------||---------------||---------------||---------------|
Saturation Flow Module:
Sat/Lane:    1900 1900 1900  1900 1900 1900  1900 1900 1900  1900 1900 1900
Adjustment:  0.83 1.00 0.92  0.83 1.00 0.92  0.83 1.00 0.92  0.83 1.00 0.92
Lanes:       2.00 2.00 1.00  2.00 3.00 1.00  2.00 4.00 1.00  2.00 3.00 1.00
Final Sat.:  3150 3800 1750  3150 5700 1750  3150 7600 1750  3150 5700 1750
------------|---------------||---------------||---------------||---------------|
Capacity Analysis Module:
Vol/Sat:     0.05 0.18 0.13  0.34 0.26 0.03  0.07 0.27 0.21  0.09 0.20 0.36
Crit Moves:       ****       ****            ****       ****
Green Time:  10.6 24.9 24.9  45.8 60.0 60.0  12.3 95.0 105.6 12.3 95.0 140.8
Volume/Cap:  0.84 1.41 0.96  1.41 0.84 0.11  1.09 0.53 0.38  1.41 0.40 0.48
Delay/Veh:  117.0  277 129.8 263.1 64.1 46.1 179.0 32.6 23.9 298.6 29.8 10.2
User DelAdj: 1.00 1.00 1.00  1.00 1.00 1.00  1.00 1.00 1.00  1.00 1.00 1.00
AdjDel/Veh: 117.0  277 129.8 263.1 64.1 46.1 179.0 32.6 23.9 298.6 29.8 10.2
LOS by Move:    F    F     F     F    E    D     F   C-    C     F    C    B+
HCM2k95thQ:    10   51    24    90   46    5    16   32    21    28   24    28
Note: Queue reported is the number of cars per lane.
```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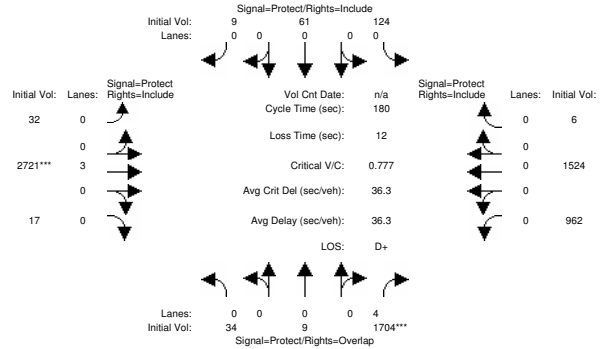
Intersection #18: Trimble / Montague Expy [CMP]




```
Street Name:                 Trimble                    Montague Expy
Approach:       North Bound      South Bound      East Bound       West Bound
Movement:     L  -  T  -  R    L  -  T  -  R    L  -  T  -  R    L  -  T  -  R
------------|---------------||---------------||---------------||---------------|
Min. Green:     7   10   10     7   10   10     7   10   10     7   10   10
------------|---------------||---------------||---------------||---------------|
Volume Module:
Base Vol:      34    9 1668   124   61    9    32 2632   17   933 1457    6
Growth Adj:  1.00 1.00 1.00  1.00 1.00 1.00  1.00 1.00 1.00  1.00 1.00 1.00
Initial Bse:   34    9 1668   124   61    9    32 2632   17   933 1457    6
Added Vol:      0    0   36     0    0    0     0   89    0    29   67    0
PasserByVol:    0    0    0     0    0    0     0    0    0     0    0    0
Initial Fut:   34    9 1704   124   61    9    32 2721   17   962 1524    6
User Adj:    0.00 0.00 1.00  0.00 0.00 0.00  0.00 0.92 0.00  0.00 0.00 0.00
PHF Adj:     1.00 1.00 1.00  1.00 1.00 1.00  1.00 1.00 1.00  1.00 1.00 1.00
PHF Volume:     0    0 1704     0    0    0     0 2503    0     0    0    0
Reduct Vol:     0    0    0     0    0    0     0    0    0     0    0    0
Reduced Vol:    0    0 1704     0    0    0     0 2503    0     0    0    0
PCE Adj:     1.00 1.00 1.00  1.00 1.00 1.00  1.00 1.00 1.00  1.00 1.00 1.00
MLF Adj:     1.00 1.00 1.00  1.00 1.00 1.00  1.00 1.00 1.00  1.00 1.00 1.00
FinalVolume:    0    0 1704     0    0    0     0 2503    0     0    0    0
------------|---------------||---------------||---------------||---------------|
Saturation Flow Module:
Sat/Lane:    1900 1900 1900  1900 1900 1900  1900 1900 1900  1900 1900 1900
Adjustment:  0.92 1.00 0.83  0.92 0.92 0.92  0.92 0.96 0.92  0.92 0.92 0.92
Lanes:       0.00 0.00 4.00  0.00 1.00 0.00  0.00 3.00 0.00  0.00 1.00 0.00
Final Sat.:     0    0 6301     0 1750    0     0 5500    0     0 1750    0
------------|---------------||---------------||---------------||---------------|
Capacity Analysis Module:
Vol/Sat:     0.00 0.00 0.27  0.00 0.00 0.00  0.00 0.46 0.00  0.00 0.00 0.00
Crit Moves:       ****                       ****
Green Time:   0.0  0.0 63.6   0.0  0.0  0.0   0.0 111  0.0   0.0  0.0  0.0
Volume/Cap:  0.00 0.00 0.76  0.00 0.00 0.00  0.00 0.74 0.00  0.00 0.00 0.00
Delay/Veh:    0.0  0.0 53.2   0.0  0.0  0.0   0.0 24.9 0.0   0.0  0.0  0.0
User DelAdj: 1.00 1.00 1.00  1.00 1.00 1.00  1.00 1.00 1.00  1.00 1.00 1.00
AdjDel/Veh:   0.0  0.0 53.2   0.0  0.0  0.0   0.0 24.9 0.0   0.0  0.0  0.0
LOS by Move:    A    A   D-     A    A    A     A    C    A     A    A    A
HCM2kAvgQ:      0    0   25     0    0    0     0   33    0     0    0    0
Note: Queue reported is the number of cars per lane
```

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2000 HCM Operations (Future Volume Alternative)
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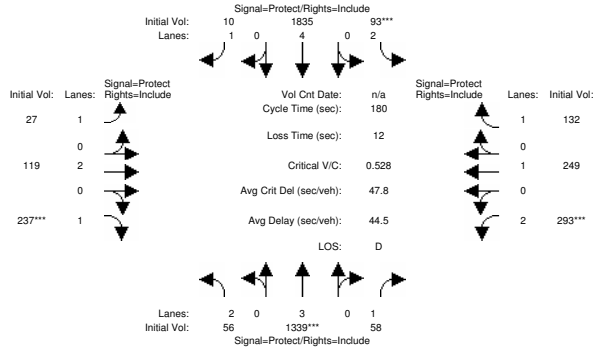
Intersection #19: Montague Expy / River Oaks



Street Name:	Montague Expy						River Oaks - E Pulmeria					
Approach:	North Bound			South Bound			East Bound			West Bound		
Movement:	L -	T -	R	L -	T -	R	L -	T -	R	L -	T -	R
Min. Green:	7	10	10	7	10	10	7	10	10	7	10	10
Volume Module:												
Base Vol:	55	1280	50	93	1753	10	27	119	236	288	249	132
Growth Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Initial Bse:	55	1280	50	93	1753	10	27	119	236	288	249	132
Added Vol:	1	59	8	0	82	0	0	0	1	5	0	0
PasserByVol:	0	0	0	0	0	0	0	0	0	0	0	0
Initial Fut:	56	1339	58	93	1835	10	27	119	237	293	249	132
User Adj:	1.00	1.00	1.00	1.00	0.92	1.00	1.00	1.00	1.00	1.00	1.00	1.00
PHF Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
PHF Volume:	56	1339	58	93	1688	10	27	119	237	293	249	132
Reduct Vol:	0	0	0	0	0	0	0	0	0	0	0	0
Reduced Vol:	56	1339	58	93	1688	10	27	119	237	293	249	132
PCE Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
MLF Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
FinalVolume:	56	1339	58	93	1688	10	27	119	237	293	249	132
Saturation Flow Module:												
Sat/Lane:	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900
Adjustment:	0.83	1.00	0.92	0.83	1.00	0.92	0.92	1.00	0.92	0.83	1.00	0.92
Lanes:	2.00	3.00	1.00	2.00	4.00	1.00	1.00	2.00	1.00	2.00	1.00	1.00
Final Sat.:	3150	5700	1750	3150	7600	1750	1750	3800	1750	3150	1900	1750
Capacity Analysis Module:												
Vol/Sat:	0.02	0.23	0.03	0.03	0.22	0.01	0.02	0.03	0.14	0.09	0.13	0.08
Crit Moves:		****		****					****	****		
Green Time:	13.4	80.1	80.1	10.1	76.7	76.7	17.8	46.2	46.2	31.7	60.0	60.0
Volume/Cap:	0.24	0.53	0.07	0.53	0.52	0.01	0.16	0.12	0.53	0.53	0.39	0.23
Delay/Veh:	80.8	37.0	28.9	93.5	38.7	29.8	76.1	51.6	61.9	70.9	47.8	44.1
User DelAdj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
AdjDel/Veh:	80.8	37.0	28.9	93.5	38.7	29.8	76.1	51.6	61.9	70.9	47.8	44.1
LOS by Move:	F	D+	C	F	D+	C	E-	D-	E	E	D	D
HCM2k95thQ:	4	29	4	7	28	1	3	5	21	16	18	11

Note: Queue reported is the number of cars per lane.

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Level Of Service Computation Report
2000 HCM Operations (Future Volume Alternative)
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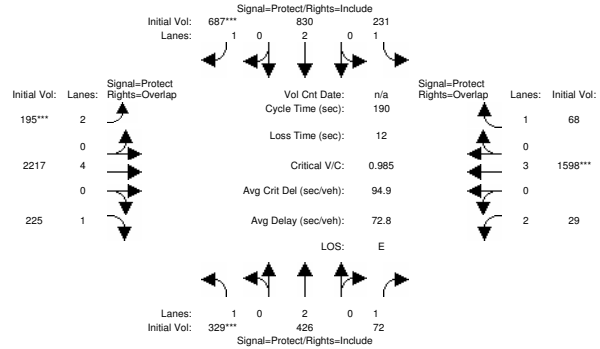
Intersection #20: Zanker Rd / Montague Expy [CMP]



Street Name:	Zanker Rd						Montague Expy					
Approach:	North Bound			South Bound			East Bound			West Bound		
Movement:	L -	T -	R	L -	T -	R	L -	T -	R	L -	T -	R
Min. Green:	7	10	10	7	10	10	7	10	10	7	10	10
Volume Module:												
Base Vol:	329	426	61	228	830	687	195	2149	225	23	1549	64
Growth Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Initial Bse:	329	426	61	228	830	687	195	2149	225	23	1549	64
Added Vol:	0	0	11	3	0	0	0	68	0	6	49	4
PasserByVol:	0	0	0	0	0	0	0	0	0	0	0	0
Initial Fut:	329	426	72	231	830	687	195	2217	225	29	1598	68
User Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	0.92	1.00	1.00	1.00	1.00
PHF Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
PHF Volume:	329	426	72	231	830	687	195	2040	225	29	1598	68
Reduct Vol:	0	0	0	0	0	0	0	0	0	0	0	0
Reduced Vol:	329	426	72	231	830	687	195	2040	225	29	1598	68
PCE Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
MLF Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
FinalVolume:	329	426	72	231	830	687	195	2040	225	29	1598	68
Saturation Flow Module:												
Sat/Lane:	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900
Adjustment:	0.92	1.00	0.92	0.92	1.00	0.92	0.83	1.00	0.92	0.83	1.00	0.92
Lanes:	1.00	2.00	1.00	1.00	2.00	1.00	2.00	4.00	1.00	2.00	3.00	1.00
Final Sat.:	1750	3800	1750	1750	3800	1750	3150	7600	1750	3150	5700	1750
Capacity Analysis Module:												
Vol/Sat:	0.19	0.11	0.04	0.13	0.22	0.39	0.06	0.27	0.13	0.01	0.28	0.04
Crit Moves:	****					****	****				****	
Green Time:	36.3	51.4	51.4	60.6	75.7	75.7	11.9	58.0	94.3	8.0	54.1	114.6
Volume/Cap:	0.99	0.41	0.15	0.41	0.55	0.99	0.99	0.88	0.26	0.22	0.99	0.06
Delay/Veh:	121.6	57.2	52.8	51.3	44.4	86.8	148.4	66.8	27.8	88.8	86.4	15.6
User DelAdj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
AdjDel/Veh:	121.6	57.2	52.8	51.3	44.4	86.8	148.4	66.8	27.8	88.8	86.4	15.6
LOS by Move:	F	E+	D-	D-	D	F	F	E	C	F	F	B
HCM2k95thQ:	41	18	7	20	31	74	15	47	15	2	54	3

Note: Queue reported is the number of cars per lane.

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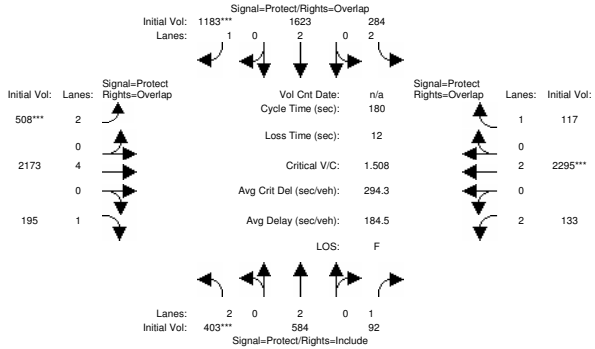
Intersection #21: N 1st St / Montague Expy [CMP]



Street Name:	N 1st St						Montague Expy					
Approach:	North Bound			South Bound			East Bound			West Bound		
Movement:	L -	T -	R	L -	T -	R	L -	T -	R	L -	T -	R
Min. Green:	7	10	10	7	10	10	7	10	10	7	10	10
Volume Module:												
Base Vol:	403	584	84	281	1623	1183	508	2116	195	129	2254	113
Growth Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Initial Bse:	403	584	84	281	1623	1183	508	2116	195	129	2254	113
Added Vol:	0	0	8	3	0	0	0	57	0	4	41	4
PasserByVol:	0	0	0	0	0	0	0	0	0	0	0	0
Initial Fut:	403	584	92	284	1623	1183	508	2173	195	133	2295	117
User Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	0.92	1.00	1.00	1.00	1.00
PHF Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
PHF Volume:	403	584	92	284	1623	1183	508	1999	195	133	2295	117
Reduct Vol:	0	0	0	0	0	0	0	0	0	0	0	0
Reduced Vol:	403	584	92	284	1623	1183	508	1999	195	133	2295	117
PCE Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
MLF Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
FinalVolume:	403	584	92	284	1623	1183	508	1999	195	133	2295	117
Saturation Flow Module:												
Sat/Lane:	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900
Adjustment:	0.83	1.00	0.92	0.83	1.00	0.92	0.83	1.00	0.92	0.83	1.00	0.92
Lanes:	2.00	2.00	1.00	2.00	2.00	1.00	2.00	4.00	1.00	2.00	2.00	1.00
Final Sat.:	3150	3800	1750	3150	3800	1750	3150	7600	1750	3150	3800	1750
Capacity Analysis Module:												
Vol/Sat:	0.13	0.15	0.05	0.09	0.43	0.68	0.16	0.26	0.11	0.04	0.60	0.07
Crit Moves:	****					****	****				****	
Green Time:	15.3	48.3	48.3	28.4	61.4	80.7	19.2	78.7	93.9	12.6	72.1	100.4
Volume/Cap:	1.51	0.57	0.20	0.57	1.25	1.51	1.51	0.60	0.21	0.60	1.51	0.12
Delay/Veh:	329.7	57.7	51.0	71.8	179	285.1	324.1	39.0	23.3	85.8	286	18.9
User DelAdj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
AdjDel/Veh:	329.7	57.7	51.0	71.8	179	285.1	324.1	39.0	23.3	85.8	286	18.9
LOS by Move:	F	E+	D-	E	F	F	F	D	C	F	F	B-
HCM2k95thQ:	41	25	8	17	99	182	47	34	11	8	159	6

Note: Queue reported is the number of cars per lane.

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Level Of Service Computation Report
2000 HCM Operations (Future Volume Alternative)
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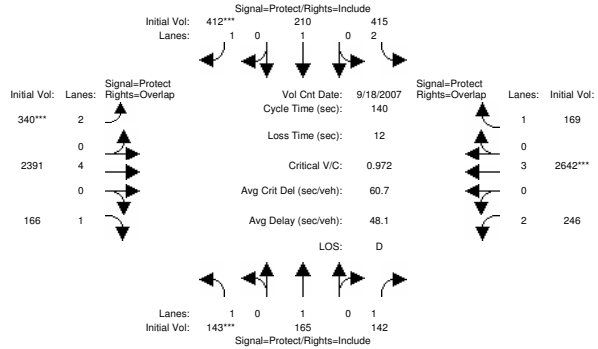
Intersection #22: Montague Expy / De la Cruz [CMP]



Street Name:	De la Cruz						Montague Expy					
Approach:	North Bound			South Bound			East Bound			West Bound		
Movement:	L -	T -	R	L -	T -	R	L -	T -	R	L -	T -	R
Min. Green:	7	10	10	7	10	10	7	10	10	7	10	10
Volume Module: >> Count Date: 18 Sep 2007 <<												
Base Vol:	143	165	142	415	210	412	340	2334	166	246	2601	169
Growth Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Initial Bse:	143	165	142	415	210	412	340	2334	166	246	2601	169
Added Vol:	0	0	0	0	0	0	0	57	0	0	41	0
PasserByVol:	0	0	0	0	0	0	0	0	0	0	0	0
Initial Fut:	143	165	142	415	210	412	340	2391	166	246	2642	169
User Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	0.92	1.00	1.00	1.00	1.00
PHF Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
PHF Volume:	143	165	142	415	210	412	340	2200	166	246	2642	169
Reduct Vol:	0	0	0	0	0	0	0	0	0	0	0	0
Reduced Vol:	143	165	142	415	210	412	340	2200	166	246	2642	169
PCE Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
MLF Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
FinalVolume:	143	165	142	415	210	412	340	2200	166	246	2642	169
Saturation Flow Module:												
Sat/Lane:	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900
Adjustment:	0.92	1.00	0.92	0.92	0.83	1.00	0.92	0.83	1.00	0.92	0.83	1.00
Lanes:	1.00	1.00	1.00	2.00	1.00	1.00	2.00	4.00	1.00	2.00	3.00	1.00
Final Sat.:	1750	1900	1750	3150	1900	1750	3150	7600	1750	3150	5700	1750
Capacity Analysis Module:												
Vol/Sat:	0.08	0.09	0.08	0.13	0.11	0.24	0.11	0.29	0.09	0.08	0.46	0.10
Crit Moves:	****					****	****				****	
Green Time:	11.8	18.1	18.1	27.5	33.9	33.9	15.5	64.8	76.6	17.5	66.8	94.3
Volume/Cap:	0.97	0.67	0.63	0.67	0.46	0.97	0.97	0.63	0.17	0.63	0.97	0.14
Delay/Veh:	129.4	65.0	63.1	54.9	45.9	88.8	102.5	28.8	15.9	61.3	47.2	8.3
User DelAdj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
AdjDel/Veh:	129.4	65.0	63.1	54.9	45.9	88.8	102.5	28.8	15.9	61.3	47.2	8.3
LOS by Move:	F	E	E	D-	D	F	F	C	B	E	D	A
HCM2k95thQ:	19	15	14	20	15	40	23	31	7	11	56	5

Note: Queue reported is the number of cars per lane.

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Level Of Service Computation Report
2000 HCM Operations (Future Volume Alternative)
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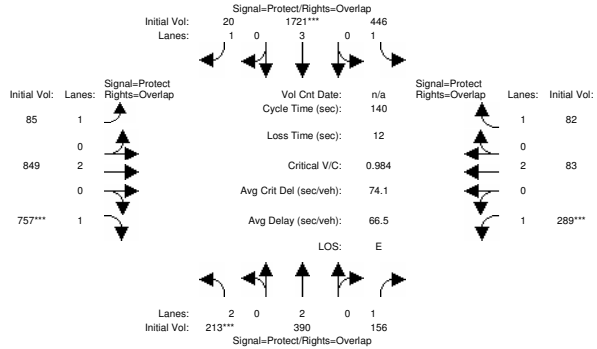
Intersection #23: Capitol/Cropley



Street Name:	Capitol						Cropley					
Approach:	North Bound			South Bound			East Bound			West Bound		
Movement:	L -	T -	R	L -	T -	R	L -	T -	R	L -	T -	R
Min. Green:	7	10	10	7	10	10	7	10	10	7	10	10
Volume Module:												
Base Vol:	207	321	156	419	1634	20	85	825	754	289	66	58
Growth Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Initial Bse:	207	321	156	419	1634	20	85	825	754	289	66	58
Added Vol:	6	69	0	27	87	0	0	24	3	0	17	24
PasserByVol:	0	0	0	0	0	0	0	0	0	0	0	0
Initial Fut:	213	390	156	446	1721	20	85	849	757	289	83	82
User Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
PHF Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
PHF Volume:	213	390	156	446	1721	20	85	849	757	289	83	82
Reduct Vol:	0	0	0	0	0	0	0	0	0	0	0	0
Reduced Vol:	213	390	156	446	1721	20	85	849	757	289	83	82
PCE Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
MLF Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
FinalVolume:	213	390	156	446	1721	20	85	849	757	289	83	82
Saturation Flow Module:												
Sat/Lane:	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900
Adjustment:	0.83	1.00	0.92	0.92	1.00	0.92	0.92	1.00	0.92	0.92	1.00	0.92
Lanes:	2.00	2.00	1.00	1.00	3.00	1.00	1.00	2.00	1.00	1.00	2.00	1.00
Final Sat.:	3150	3800	1750	1750	5700	1750	1750	3800	1750	1750	3800	1750
Capacity Analysis Module:												
Vol/Sat:	0.07	0.10	0.09	0.25	0.30	0.01	0.05	0.22	0.43	0.17	0.02	0.05
Crit Moves:	****				****				****	****		
Green Time:	9.6	15.1	38.6	37.5	43.0	74.0	31.1	51.9	61.5	23.5	44.4	81.8
Volume/Cap:	0.98	0.95	0.32	0.95	0.98	0.02	0.22	0.60	0.98	0.98	0.07	0.08
Delay/Veh:	121.5	94.3	40.7	80.0	66.0	15.7	44.8	36.4	67.1	106.0	33.4	12.7
User DelAdj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
AdjDel/Veh:	121.5	94.3	40.7	80.0	66.0	15.7	44.8	36.4	67.1	106.0	33.4	12.7
LOS by Move:	F	F	D	E-	E	B	D	D+	E	F	C-	B
HCM2k95thQ:	17	22	11	36	43	1	6	26	64	31	2	3

Note: Queue reported is the number of cars per lane.

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2000 HCM Operations (Future Volume Alternative)
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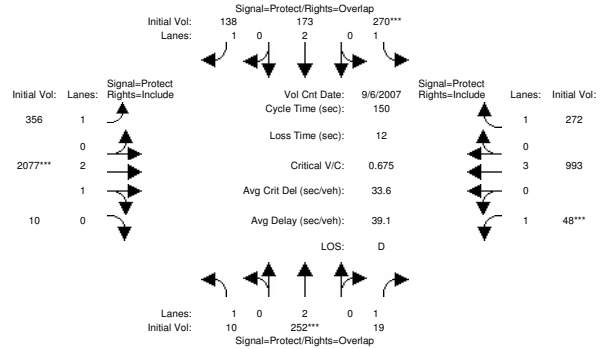
Intersection #24: Great Mall Pkwy. & Main St.



Street Name:	Main St.						Great Mall Pkwy.					
Approach:	North Bound			South Bound			East Bound			West Bound		
Movement:	L -	T -	R	L -	T -	R	L -	T -	R	L -	T -	R
Min. Green:	7	10	10	7	10	10	7	10	10	7	10	10
Volume Module: >> Count Date: 6 Sep 2007 <<												
Base Vol:	10	252	19	270	173	138	356	1947	10	48	919	272
Growth Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Initial Bse:	10	252	19	270	173	138	356	1947	10	48	919	272
Added Vol:	0	0	0	0	0	0	0	130	0	0	74	0
PasserByVol:	0	0	0	0	0	0	0	0	0	0	0	0
Initial Fut:	10	252	19	270	173	138	356	2077	10	48	993	272
User Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
PHF Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
PHF Volume:	10	252	19	270	173	138	356	2077	10	48	993	272
Reduct Vol:	0	0	0	0	0	0	0	0	0	0	0	0
Reduced Vol:	10	252	19	270	173	138	356	2077	10	48	993	272
PCE Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
MLF Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
FinalVolume:	10	252	19	270	173	138	356	2077	10	48	993	272
Saturation Flow Module:												
Sat/Lane:	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900
Adjustment:	0.92	1.00	0.92	0.92	1.00	0.92	0.92	0.98	0.95	0.92	1.00	0.92
Lanes:	1.00	2.00	1.00	1.00	2.00	1.00	1.00	2.99	0.01	1.00	3.00	1.00
Final Sat.:	1750	3800	1750	1750	3800	1750	1750	5573	27	1750	5700	1750
Capacity Analysis Module:												
Vol/Sat:	0.01	0.07	0.01	0.15	0.05	0.08	0.20	0.37	0.37	0.03	0.17	0.16
Crit Moves:		****		****				****		****		
Green Time:	20.1	14.6	21.6	34.1	28.7	76.8	48.1	82.3	82.3	7.0	41.2	41.2
Volume/Cap:	0.04	0.68	0.08	0.68	0.24	0.15	0.63	0.68	0.68	0.59	0.63	0.57
Delay/Veh:	56.7	70.4	55.6	57.7	51.6	19.5	45.8	25.0	25.0	80.8	48.7	48.3
User DelAdj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
AdjDel/Veh:	56.7	70.4	55.6	57.7	51.6	19.5	45.8	25.0	25.0	80.8	48.7	48.3
LOS by Move:	E+	E	E+	E+	D-	B-	D	C	C	F	D	D
HCM2k95thQ:	1	13	2	23	7	7	25	37	37	5	24	21

Note: Queue reported is the number of cars per lane.

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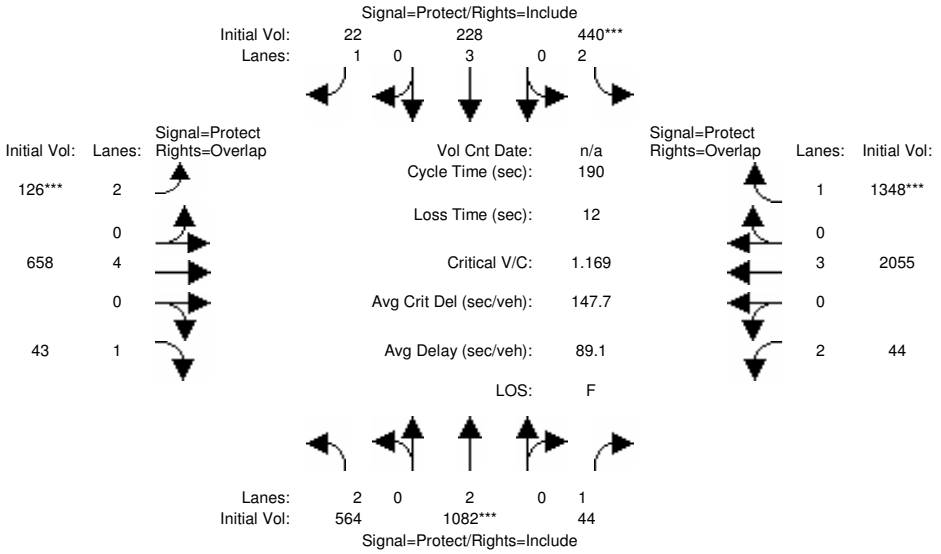
Level Of Service Computation Report
2000 HCM Operations (Future Volume Alternative)
Project AM

Intersection #17: Montague Expy. / Great Mall Pkwy./Capitol Ave. [CMP]



Street Name:	Great Mall Pkwy./Capitol Ave.						Montague Expy.					
Approach:	North Bound			South Bound			East Bound			West Bound		
Movement:	L - T - R			L - T - R			L - T - R			L - T - R		
Min. Green:	7	10	10	7	10	10	7	95	10	7	95	10
Volume Module:												
Base Vol:	537	1001	44	428	200	22	126	635	20	44	2041	1309
Growth Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Initial Bse:	537	1001	44	428	200	22	126	635	20	44	2041	1309
Added Vol:	27	81	0	12	28	0	0	23	23	0	14	39
PasserByVol:	0	0	0	0	0	0	0	0	0	0	0	0
Initial Fut:	564	1082	44	440	228	22	126	658	43	44	2055	1348
User Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	0.91	1.00
PHF Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
PHF Volume:	564	1082	44	440	228	22	126	658	43	44	1870	1348
Reduct Vol:	0	0	0	0	0	0	0	0	0	0	0	0
Reduced Vol:	564	1082	44	440	228	22	126	658	43	44	1870	1348
PCE Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
MLF Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
FinalVolume:	564	1082	44	440	228	22	126	658	43	44	1870	1348
Saturation Flow Module:												
Sat/Lane:	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900
Adjustment:	0.83	1.00	0.92	0.83	1.00	0.92	0.83	1.00	0.92	0.83	1.00	0.92
Lanes:	2.00	2.00	1.00	2.00	3.00	1.00	2.00	4.00	1.00	2.00	3.00	1.00
Final Sat.:	3150	3800	1750	3150	5700	1750	3150	7600	1750	3150	5700	1750
Capacity Analysis Module:												
Vol/Sat:	0.18	0.28	0.03	0.14	0.04	0.01	0.04	0.09	0.02	0.01	0.33	0.77
Crit Moves:		****		****			****					****
Green Time:	53.2	46.2	46.2	22.6	15.6	15.6	7.0	102	154.9	7.5	102	124.8
Volume/Cap:	0.64	1.17	0.10	1.17	0.49	0.15	1.09	0.16	0.03	0.35	0.61	1.17
Delay/Veh:	61.6	161	56.0	185.9	84.1	81.5	199.9	22.5	3.3	90.6	30.5	119.6
User DelAdj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
AdjDel/Veh:	61.6	161	56.0	185.9	84.1	81.5	199.9	22.5	3.3	90.6	30.5	119.6
LOS by Move:	E	F	E+	F	F	F	F	C+	A	F	C	F
HCM2kAvgQ:	17	41	2	21	4	1	6	5	1	1	24	111

Note: Queue reported is the number of cars per lane.

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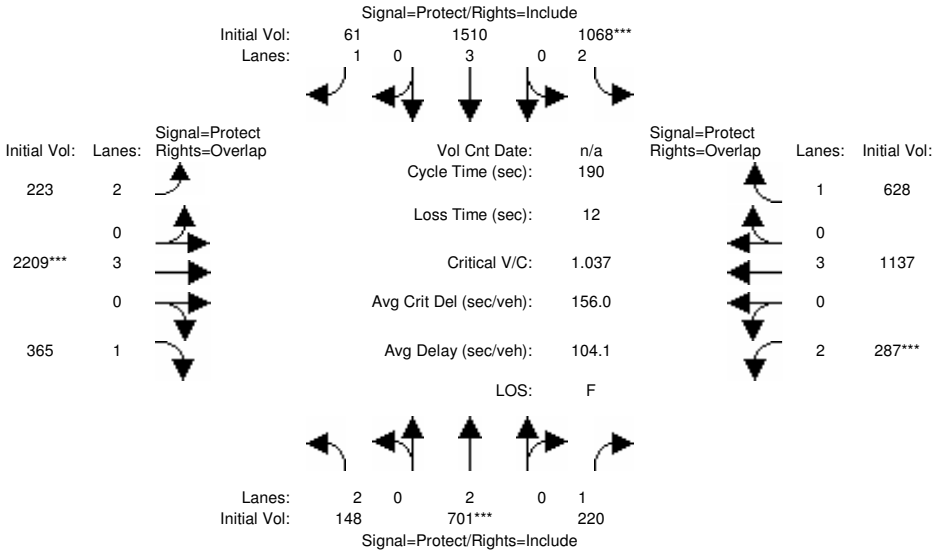
Level Of Service Computation Report
2000 HCM Operations (Future Volume Alternative)
Project PM

Intersection #17: Montague Expy. / Great Mall Pkwy./Capitol Ave. [CMP]



Street Name:	Great Mall Pkwy./Capitol Ave.						Montague Expy.					
Approach:	North Bound			South Bound			East Bound			West Bound		
Movement:	L	T	R	L	T	R	L	T	R	L	T	R
Min. Green:	7	10	10	7	10	10	7	95	10	7	95	10
Volume Module:												
Base Vol:	113	644	220	1029	1430	61	223	2187	330	287	1106	613
Growth Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Initial Bse:	113	644	220	1029	1430	61	223	2187	330	287	1106	613
Added Vol:	35	57	0	39	80	0	0	22	35	0	31	15
PasserByVol:	0	0	0	0	0	0	0	0	0	0	0	0
Initial Fut:	148	701	220	1068	1510	61	223	2209	365	287	1137	628
User Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	0.92	1.00	1.00	1.00	1.00
PHF Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
PHF Volume:	148	701	220	1068	1510	61	223	2032	365	287	1137	628
Reduct Vol:	0	0	0	0	0	0	0	0	0	0	0	0
Reduced Vol:	148	701	220	1068	1510	61	223	2032	365	287	1137	628
PCE Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
MLF Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
FinalVolume:	148	701	220	1068	1510	61	223	2032	365	287	1137	628
Saturation Flow Module:												
Sat/Lane:	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900
Adjustment:	0.83	1.00	0.92	0.83	1.00	0.92	0.83	1.00	0.92	0.83	1.00	0.92
Lanes:	2.00	2.00	1.00	2.00	3.00	1.00	2.00	3.00	1.00	2.00	3.00	1.00
Final Sat.:	3150	3800	1750	3150	5700	1750	3150	5700	1750	3150	5700	1750
Capacity Analysis Module:												
Vol/Sat:	0.05	0.18	0.13	0.34	0.26	0.03	0.07	0.36	0.21	0.09	0.20	0.36
Crit Moves:		****		****				****		****		
Green Time:	10.6	24.9	24.9	45.8	60.0	60.0	12.3	95.0	105.6	12.3	95.0	140.8
Volume/Cap:	0.84	1.41	0.96	1.41	0.84	0.11	1.09	0.71	0.38	1.41	0.40	0.48
Delay/Veh:	117.0	277	129.8	263.1	64.1	46.1	179.0	37.8	23.9	298.6	29.8	10.2
User DelAdj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
AdjDel/Veh:	117.0	277	129.8	263.1	64.1	46.1	179.0	37.8	23.9	298.6	29.8	10.2
LOS by Move:	F	F	F	F	E	D	F	D+	C	F	C	B+
HCM2kAvgQ:	5	31	14	59	28	3	9	28	12	16	13	16

Note: Queue reported is the number of cars per lane.

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Milpitas Near-Term Cumulative Analysis

Summary Scenario Comparison Report (With Average Critical Delay)
Future Volume Alternative

Intersection		Existing Midday				Background Midday				Project Midday						???			
		LOS	Avg Del (sec)	Crit V/C	Avg Crit Del (sec)	LOS	Avg Del (sec)	Crit V/C	Avg Crit Del (sec)	LOS	Avg Del (sec)	Crit V/C	Crit V/C Change	Avg Crit Del (sec)	Avg Crit Del Change	LOS	Avg Del (sec)	Crit V/C	Avg Crit Del (sec)
#7	McCarthy Blvd. & Bellew Dr.	C	24.8	0.557	26.0														
#8	Barber Ln & Bellew Dr	D	43.5	0.800	49.7														
#8032	Barber Ln & Bellew Dr (LT)									F	197.0	1.266	+ 1.266	290.2	+ 290.2				
#8033	Barber Ln & Bellew Dr (MS)									F	145.2	1.139	+ 1.139	207.2	+ 207.2				
#8034	Barber Ln & Bellew Dr (interim)									E	60.3	0.934	+ 0.934	99.8	+ 99.8				
#9072	McCarthy Blvd. & Bellew Dr. (LT)									F	89.4	0.967	+ 0.967	139.5	+ 139.5				
#9073	McCarthy Blvd. & Bellew Dr. (MS)									D	43.3	0.907	+ 0.907	50.8	+ 50.8				
#9074	McCarthy Blvd. & Bellew Dr. (interim)									F	99.5	0.989	+ 0.989	157.8	+ 157.8				

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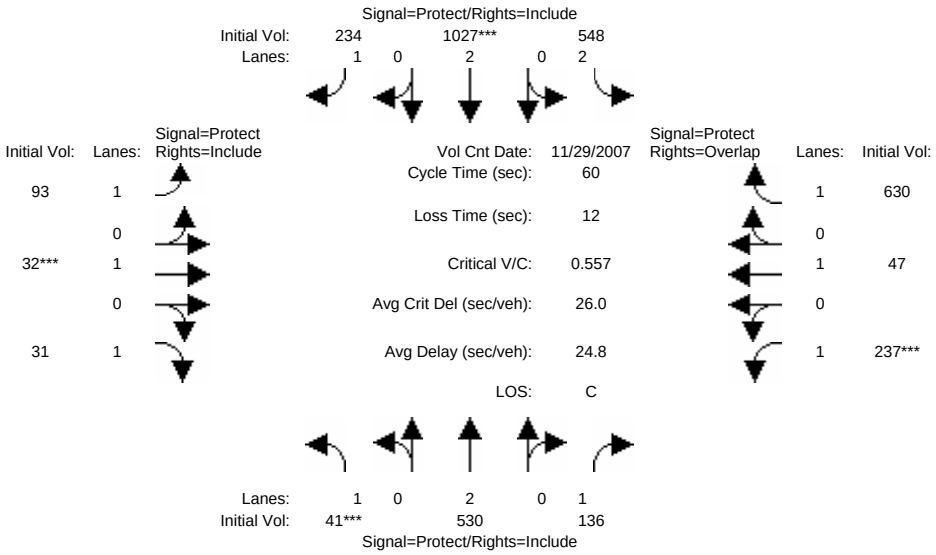
Level Of Service Computation Report
2000 HCM Operations (Future Volume Alternative)
Existing Midday

Intersection #7: McCarthy Blvd. & Bellew Dr.



Street Name:	McCarthy Blvd.						Bellew Dr.					
Approach:	North Bound			South Bound			East Bound			West Bound		
Movement:	L	T	R	L	T	R	L	T	R	L	T	R
Min. Green:	7	10	10	7	10	10	7	10	10	7	10	10
Volume Module: >> Count Date: 29 Nov 2007 << .												
Base Vol:	41	530	136	548	1027	234	93	32	31	237	47	630
Growth Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Initial Bse:	41	530	136	548	1027	234	93	32	31	237	47	630
Added Vol:	0	0	0	0	0	0	0	0	0	0	0	0
PasserByVol:	0	0	0	0	0	0	0	0	0	0	0	0
Initial Fut:	41	530	136	548	1027	234	93	32	31	237	47	630
User Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
PHF Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
PHF Volume:	41	530	136	548	1027	234	93	32	31	237	47	630
Reduct Vol:	0	0	0	0	0	0	0	0	0	0	0	0
Reduced Vol:	41	530	136	548	1027	234	93	32	31	237	47	630
PCE Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
MLF Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
FinalVolume:	41	530	136	548	1027	234	93	32	31	237	47	630
Saturation Flow Module:												
Sat/Lane:	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900
Adjustment:	0.92	1.00	0.92	0.83	1.00	0.92	0.92	1.00	0.92	0.92	1.00	0.92
Lanes:	1.00	2.00	1.00	2.00	2.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Final Sat.:	1750	3800	1750	3150	3800	1750	1750	1900	1750	1750	1900	1750
Capacity Analysis Module:												
Vol/Sat:	0.02	0.14	0.08	0.17	0.27	0.13	0.05	0.02	0.02	0.14	0.02	0.36
Crit Moves:	****				****			****			****	
Green Time:	7.0	13.5	13.5	14.1	20.7	20.7	7.8	10.0	10.0	10.3	12.5	26.6
Volume/Cap:	0.20	0.62	0.34	0.74	0.79	0.39	0.41	0.10	0.11	0.79	0.12	0.81
Delay/Veh:	26.2	24.3	21.9	27.8	22.5	16.8	29.2	21.8	21.9	42.1	19.9	23.5
User DelAdj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
AdjDel/Veh:	26.2	24.3	21.9	27.8	22.5	16.8	29.2	21.8	21.9	42.1	19.9	23.5
LOS by Move:	C	C	C+	C	C+	B	C	C+	C+	D	B-	C
HCM2kAvgQ:	1	5	3	6	10	4	2	1	1	5	1	13

Note: Queue reported is the number of cars per lane.

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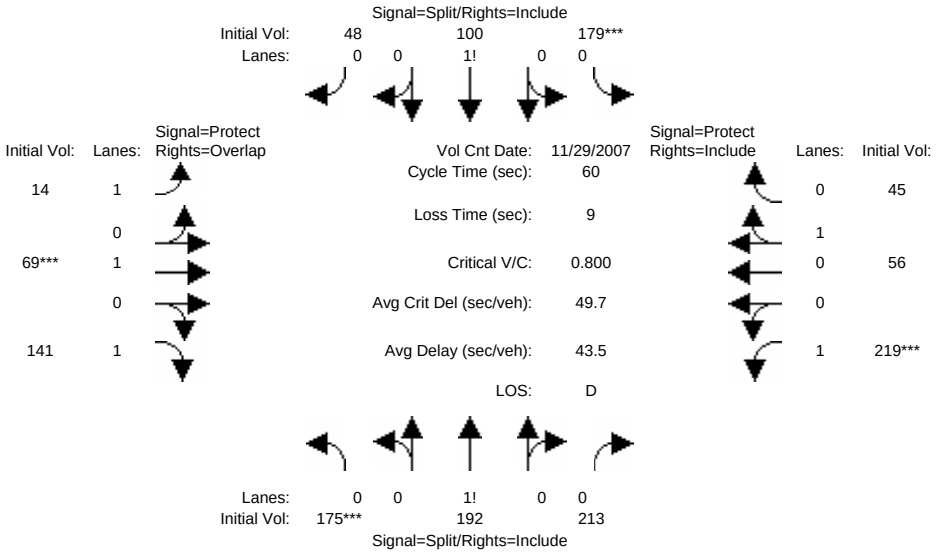
Milpitas Near-Term Cumulative Analysis

Level Of Service Computation Report
2000 HCM Operations (Future Volume Alternative)
Existing Midday

Intersection #8: Barber Ln & Bellew Dr



Street Name:	Barber Ln						Bellew Dr					
Approach:	North Bound			South Bound			East Bound			West Bound		
Movement:	L - T - R			L - T - R			L - T - R			L - T - R		
Min. Green:	10	10	10	10	10	10	7	10	10	7	10	10
Volume Module: >> Count Date: 29 Nov 2007 << 12:00 PM - 1:00 PM												
Base Vol:	175	192	213	179	100	48	14	69	141	219	56	45
Growth Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Initial Bse:	175	192	213	179	100	48	14	69	141	219	56	45
Added Vol:	0	0	0	0	0	0	0	0	0	0	0	0
PasserByVol:	0	0	0	0	0	0	0	0	0	0	0	0
Initial Fut:	175	192	213	179	100	48	14	69	141	219	56	45
User Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
PHF Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
PHF Volume:	175	192	213	179	100	48	14	69	141	219	56	45
Reduct Vol:	0	0	0	0	0	0	0	0	0	0	0	0
Reduced Vol:	175	192	213	179	100	48	14	69	141	219	56	45
PCE Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
MLF Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
FinalVolume:	175	192	213	179	100	48	14	69	141	219	56	45
Saturation Flow Module:												
Sat/Lane:	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900
Adjustment:	0.92	0.92	0.92	0.92	0.92	0.92	0.92	1.00	0.92	0.92	0.95	0.95
Lanes:	0.30	0.33	0.37	0.55	0.30	0.15	1.00	1.00	1.00	1.00	0.55	0.45
Final Sat.:	528	579	643	958	535	257	1750	1900	1750	1750	998	802
Capacity Analysis Module:												
Vol/Sat:	0.33	0.33	0.33	0.19	0.19	0.19	0.01	0.04	0.08	0.13	0.06	0.06
Crit Moves:	****			****				****		****		
Green Time:	21.1	21.1	21.1	11.9	11.9	11.9	7.4	10.0	31.1	8.0	10.6	10.6
Volume/Cap:	0.94	0.94	0.94	0.94	0.94	0.94	0.06	0.22	0.16	0.94	0.32	0.32
Delay/Veh:	41.7	41.7	41.7	57.1	57.1	57.1	23.4	22.0	7.6	68.7	22.2	22.2
User DelAdj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
AdjDel/Veh:	41.7	41.7	41.7	57.1	57.1	57.1	23.4	22.0	7.6	68.7	22.2	22.2
LOS by Move:	D	D	D	E+	E+	E+	C	C+	A	E	C+	C+
HCM2kAvgQ:	17	17	17	11	11	11	0	1	1	9	2	2

Note: Queue reported is the number of cars per lane.

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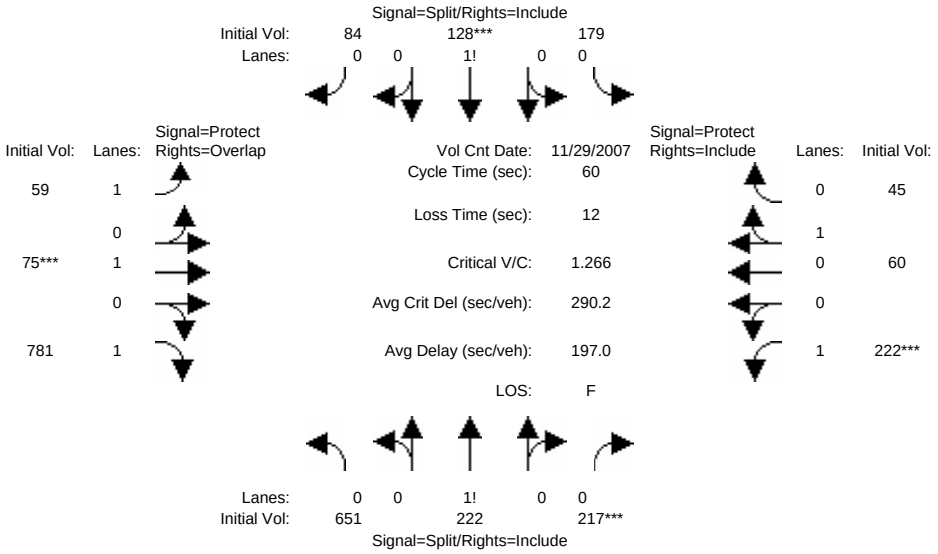
Milpitas Near-Term Cumulative Analysis

Level Of Service Computation Report
2000 HCM Operations (Future Volume Alternative)
Project Midday

Intersection #8: Barber Ln & Bellew Dr (LT)



Street Name:	Barber Ln						Bellew Dr					
Approach:	North Bound			South Bound			East Bound			West Bound		
Movement:	L - T - R			L - T - R			L - T - R			L - T - R		
Min. Green:	10	10	10	10	10	10	7	10	10	7	10	10
Volume Module: >> Count Date: 29 Nov 2007 << 12:00 PM - 1:00 PM												
Base Vol:	651	222	217	179	128	84	59	75	781	222	60	45
Growth Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Initial Bse:	651	222	217	179	128	84	59	75	781	222	60	45
Added Vol:	0	0	0	0	0	0	0	0	0	0	0	0
PasserByVol:	0	0	0	0	0	0	0	0	0	0	0	0
Initial Fut:	651	222	217	179	128	84	59	75	781	222	60	45
User Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
PHF Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
PHF Volume:	651	222	217	179	128	84	59	75	781	222	60	45
Reduct Vol:	0	0	0	0	0	0	0	0	0	0	0	0
Reduced Vol:	651	222	217	179	128	84	59	75	781	222	60	45
PCE Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
MLF Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
FinalVolume:	651	222	217	179	128	84	59	75	781	222	60	45
Saturation Flow Module:												
Sat/Lane:	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900
Adjustment:	0.92	0.92	0.92	0.92	0.92	0.92	0.92	1.00	0.92	0.92	0.95	0.95
Lanes:	0.60	0.20	0.20	0.46	0.33	0.21	1.00	1.00	1.00	1.00	0.57	0.43
Final Sat.:	1045	356	348	801	573	376	1750	1900	1750	1750	1029	771
Capacity Analysis Module:												
Vol/Sat:	0.62	0.62	0.62	0.22	0.22	0.22	0.03	0.04	0.45	0.13	0.06	0.06
Crit Moves:			****		****			****		****		
Green Time:	21.0	21.0	21.0	10.0	10.0	10.0	7.0	10.0	31.0	7.0	10.0	10.0
Volume/Cap:	1.78	1.78	1.78	1.34	1.34	1.34	0.29	0.24	0.86	1.09	0.35	0.35
Delay/Veh:	376.9	377	376.9	199.6	200	199.6	25.0	22.1	21.3	114.7	22.8	22.8
User DelAdj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
AdjDel/Veh:	376.9	377	376.9	199.6	200	199.6	25.0	22.1	21.3	114.7	22.8	22.8
LOS by Move:	F	F	F	F	F	F	C	C+	C+	F	C+	C+
HCM2kAvgQ:	87	87	87	24	24	24	1	1	17	11	2	2

Note: Queue reported is the number of cars per lane.

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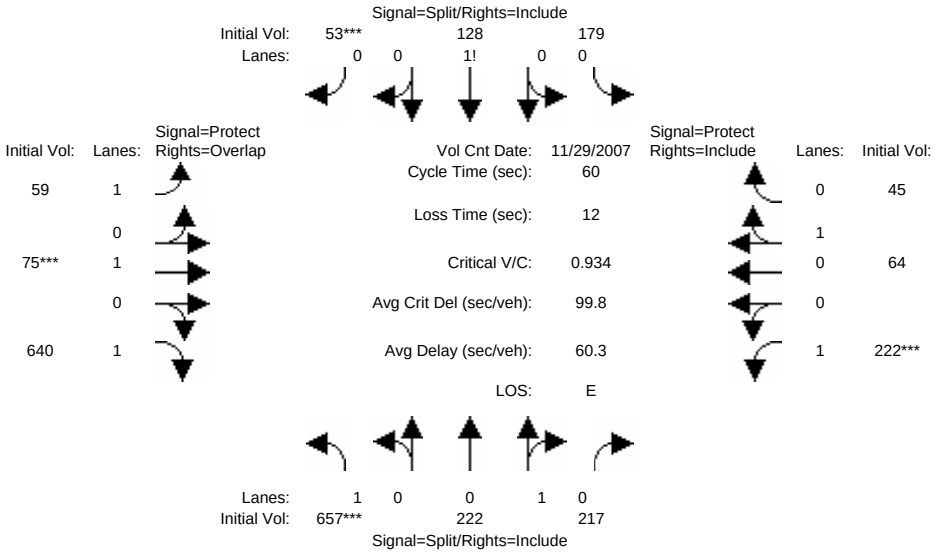
Milpitas Near-Term Cumulative Analysis

Level Of Service Computation Report
2000 HCM Operations (Future Volume Alternative)
Project Midday

Intersection #8: Barber Ln & Bellew Dr (interim)



Street Name:	Barber Ln						Bellew Dr					
Approach:	North Bound			South Bound			East Bound			West Bound		
Movement:	L - T - R			L - T - R			L - T - R			L - T - R		
Min. Green:	10	10	10	10	10	10	7	10	10	7	10	10
Volume Module: >> Count Date: 29 Nov 2007 << 12:00 PM - 1:00 PM												
Base Vol:	657	222	217	179	128	53	59	75	640	222	64	45
Growth Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Initial Bse:	657	222	217	179	128	53	59	75	640	222	64	45
Added Vol:	0	0	0	0	0	0	0	0	0	0	0	0
PasserByVol:	0	0	0	0	0	0	0	0	0	0	0	0
Initial Fut:	657	222	217	179	128	53	59	75	640	222	64	45
User Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
PHF Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
PHF Volume:	657	222	217	179	128	53	59	75	640	222	64	45
Reduct Vol:	0	0	0	0	0	0	0	0	0	0	0	0
Reduced Vol:	657	222	217	179	128	53	59	75	640	222	64	45
PCE Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
MLF Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
FinalVolume:	657	222	217	179	128	53	59	75	640	222	64	45
Saturation Flow Module:												
Sat/Lane:	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900
Adjustment:	0.92	0.95	0.95	0.92	0.92	0.92	0.92	1.00	0.92	0.92	0.95	0.95
Lanes:	1.00	0.51	0.49	0.50	0.35	0.15	1.00	1.00	1.00	1.00	0.59	0.41
Final Sat.:	1750	910	890	870	622	258	1750	1900	1750	1750	1057	743
Capacity Analysis Module:												
Vol/Sat:	0.38	0.24	0.24	0.21	0.21	0.21	0.03	0.04	0.37	0.13	0.06	0.06
Crit Moves:	****					****		****		****		
Green Time:	20.0	20.0	20.0	11.0	11.0	11.0	7.0	10.0	30.0	7.0	10.0	10.0
Volume/Cap:	1.12	0.73	0.73	1.12	1.12	1.12	0.29	0.24	0.73	1.09	0.36	0.36
Delay/Veh:	96.5	22.2	22.2	112.9	113	112.9	25.0	22.1	15.0	114.7	22.9	22.9
User DelAdj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
AdjDel/Veh:	96.5	22.2	22.2	112.9	113	112.9	25.0	22.1	15.0	114.7	22.9	22.9
LOS by Move:	F	C+	C+	F	F	F	C	C+	B	F	C+	C+
HCM2kAvgQ:	27	9	9	17	17	17	1	1	12	11	2	2

Note: Queue reported is the number of cars per lane.

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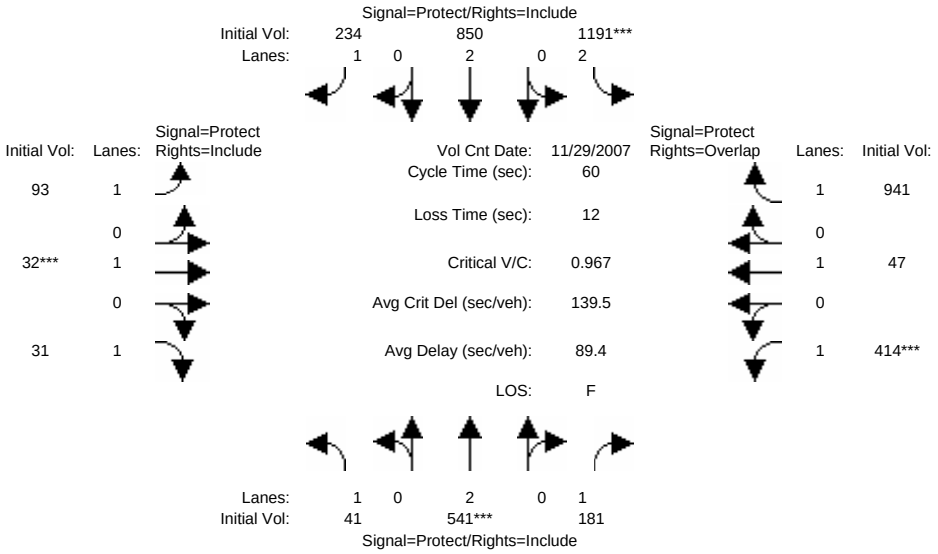
Milpitas Near-Term Cumulative Analysis

Level Of Service Computation Report
2000 HCM Operations (Future Volume Alternative)
Project Midday

Intersection #9: McCarthy Blvd. & Bellew Dr. (LT)



Street Name:	McCarthy Blvd.						Bellew Dr.					
Approach:	North Bound			South Bound			East Bound			West Bound		
Movement:	L -	T -	R	L -	T -	R	L -	T -	R	L -	T -	R
Min. Green:	7	10	10	7	10	10	7	10	10	7	10	10
Volume Module: >> Count Date: 29 Nov 2007 << .												
Base Vol:	41	541	181	1191	850	234	93	32	31	414	47	941
Growth Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Initial Bse:	41	541	181	1191	850	234	93	32	31	414	47	941
Added Vol:	0	0	0	0	0	0	0	0	0	0	0	0
PasserByVol:	0	0	0	0	0	0	0	0	0	0	0	0
Initial Fut:	41	541	181	1191	850	234	93	32	31	414	47	941
User Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
PHF Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
PHF Volume:	41	541	181	1191	850	234	93	32	31	414	47	941
Reduct Vol:	0	0	0	0	0	0	0	0	0	0	0	0
Reduced Vol:	41	541	181	1191	850	234	93	32	31	414	47	941
PCE Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
MLF Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
FinalVolume:	41	541	181	1191	850	234	93	32	31	414	47	941
Saturation Flow Module:												
Sat/Lane:	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900
Adjustment:	0.92	1.00	0.92	0.83	1.00	0.92	0.92	1.00	0.92	0.92	1.00	0.92
Lanes:	1.00	2.00	1.00	2.00	2.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Final Sat.:	1750	3800	1750	3150	3800	1750	1750	1900	1750	1750	1900	1750
Capacity Analysis Module:												
Vol/Sat:	0.02	0.14	0.10	0.38	0.22	0.13	0.05	0.02	0.02	0.24	0.02	0.54
Crit Moves:		****		****				****		****		
Green Time:	9.3	10.0	10.0	17.2	17.9	17.9	8.6	10.0	10.0	10.8	12.2	29.4
Volume/Cap:	0.15	0.85	0.62	1.32	0.75	0.45	0.37	0.10	0.11	1.32	0.12	1.10
Delay/Veh:	23.1	38.1	32.8	171.9	23.6	19.8	27.5	21.8	21.9	188.1	20.1	75.5
User DelAdj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
AdjDel/Veh:	23.1	38.1	32.8	171.9	23.6	19.8	27.5	21.8	21.9	188.1	20.1	75.5
LOS by Move:	C	D+	C-	F	C	B-	C	C+	C+	F	C+	E-
HCM2kAvgQ:	1	8	5	37	9	4	2	1	1	24	1	35

Note: Queue reported is the number of cars per lane.

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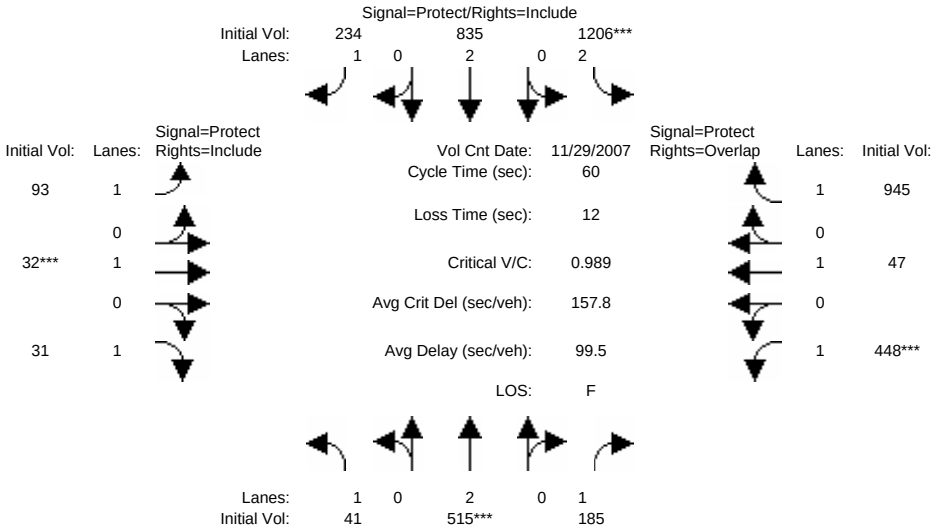
Milpitas Near-Term Cumulative Analysis

Level Of Service Computation Report
2000 HCM Operations (Future Volume Alternative)
Project Midday

Intersection #9: McCarthy Blvd. & Bellew Dr. (interim)

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Street Name:          McCarthy Blvd.                    Bellew Dr.
Approach:      North Bound      South Bound      East Bound      West Bound
Movement:     L  -  T  -  R    L  -  T  -  R    L  -  T  -  R    L  -  T  -  R
------------|---------------||---------------||---------------||---------------|
Min. Green:     7   10   10     7   10   10     7   10   10     7   10   10
------------|---------------||---------------||---------------||---------------|
Volume Module: >> Count Date: 29 Nov 2007 << .
Base Vol:      41  515  185  1206  835  234    93   32   31   448   47  945
Growth Adj:  1.00 1.00 1.00  1.00 1.00 1.00  1.00 1.00 1.00  1.00 1.00 1.00
Initial Bse:   41  515  185  1206  835  234    93   32   31   448   47  945
Added Vol:      0    0    0     0    0    0     0    0    0     0    0    0
PasserByVol:    0    0    0     0    0    0     0    0    0     0    0    0
Initial Fut:   41  515  185  1206  835  234    93   32   31   448   47  945
User Adj:    1.00 1.00 1.00  1.00 1.00 1.00  1.00 1.00 1.00  1.00 1.00 1.00
PHF Adj:     1.00 1.00 1.00  1.00 1.00 1.00  1.00 1.00 1.00  1.00 1.00 1.00
PHF Volume:    41  515  185  1206  835  234    93   32   31   448   47  945
Reduct Vol:     0    0    0     0    0    0     0    0    0     0    0    0
Reduced Vol:   41  515  185  1206  835  234    93   32   31   448   47  945
PCE Adj:     1.00 1.00 1.00  1.00 1.00 1.00  1.00 1.00 1.00  1.00 1.00 1.00
MLF Adj:     1.00 1.00 1.00  1.00 1.00 1.00  1.00 1.00 1.00  1.00 1.00 1.00
FinalVolume:   41  515  185  1206  835  234    93   32   31   448   47  945
------------|---------------||---------------||---------------||---------------|
Saturation Flow Module:
Sat/Lane:    1900 1900 1900  1900 1900 1900  1900 1900 1900  1900 1900 1900
Adjustment:  0.92 1.00 0.92  0.83 1.00 0.92  0.92 1.00 0.92  0.92 1.00 0.92
Lanes:       1.00 2.00 1.00  2.00 2.00 1.00  1.00 1.00 1.00  1.00 1.00 1.00
Final Sat.:  1750 3800 1750  3150 3800 1750  1750 1900 1750  1750 1900 1750
------------|---------------||---------------||---------------||---------------|
Capacity Analysis Module:
Vol/Sat:     0.02 0.14 0.11  0.38 0.22 0.13  0.05 0.02 0.02  0.26 0.02 0.54
Crit Moves:       ****       ****                 ****       ****
Green Time:   9.3 10.0 10.0  16.8 17.5 17.5   8.7 10.0 10.0  11.2 12.5 29.3
Volume/Cap:  0.15 0.81 0.63  1.37 0.75 0.46  0.36 0.10 0.11  1.37 0.12 1.11
Delay/Veh:   23.1 35.0 33.4 194.9 24.1 20.3  27.1 21.8 21.9 208.8 19.9 79.9
User DelAdj: 1.00 1.00 1.00  1.00 1.00 1.00  1.00 1.00 1.00  1.00 1.00 1.00
AdjDel/Veh:  23.1 35.0 33.4 194.9 24.1 20.3  27.1 21.8 21.9 208.8 19.9 79.9
LOS by Move:    C   D+    C-     F    C    C+     C   C+    C+     F   B-    E-
HCM2kAvgQ:      1    7     5    40    9     4     2    1     1    28    1    36
Note: Queue reported is the number of cars per lane.
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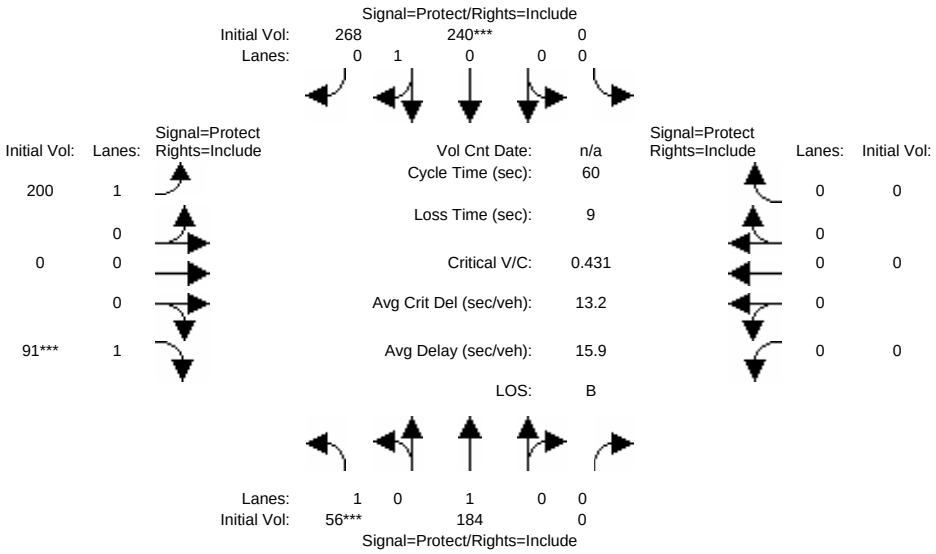
Level Of Service Computation Report
2000 HCM Operations (Future Volume Alternative)
Existing Midday

Intersection #12: Barber Ln / Alder Dr



Street Name:	Barber Ln						Alder Dr					
Approach:	North Bound			South Bound			East Bound			West Bound		
Movement:	L	T	R	L	T	R	L	T	R	L	T	R
Min. Green:	7	10	0	0	10	10	7	0	10	0	0	0
Volume Module:												
Base Vol:	56	184	0	0	240	268	200	0	91	0	0	0
Growth Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Initial Bse:	56	184	0	0	240	268	200	0	91	0	0	0
Added Vol:	0	0	0	0	0	0	0	0	0	0	0	0
PasserByVol:	0	0	0	0	0	0	0	0	0	0	0	0
Initial Fut:	56	184	0	0	240	268	200	0	91	0	0	0
User Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
PHF Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
PHF Volume:	56	184	0	0	240	268	200	0	91	0	0	0
Reduct Vol:	0	0	0	0	0	0	0	0	0	0	0	0
Reduced Vol:	56	184	0	0	240	268	200	0	91	0	0	0
PCE Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
MLF Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
FinalVolume:	56	184	0	0	240	268	200	0	91	0	0	0
Saturation Flow Module:												
Sat/Lane:	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900
Adjustment:	0.92	1.00	0.92	0.92	0.95	0.95	0.92	1.00	0.92	0.92	1.00	0.92
Lanes:	1.00	1.00	0.00	0.00	0.47	0.53	1.00	0.00	1.00	0.00	0.00	0.00
Final Sat.:	1750	1900	0	0	850	950	1750	0	1750	0	0	0
Capacity Analysis Module:												
Vol/Sat:	0.03	0.10	0.00	0.00	0.28	0.28	0.11	0.00	0.05	0.00	0.00	0.00
Crit Moves:	****				****				****			
Green Time:	7.0	41.0	0.0	0.0	34.0	34.0	10.0	0.0	10.0	0.0	0.0	0.0
Volume/Cap:	0.27	0.14	0.00	0.00	0.50	0.50	0.69	0.00	0.31	0.00	0.00	0.00
Delay/Veh:	27.5	3.6	0.0	0.0	9.6	9.6	35.9	0.0	24.7	0.0	0.0	0.0
User DelAdj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
AdjDel/Veh:	27.5	3.6	0.0	0.0	9.6	9.6	35.9	0.0	24.7	0.0	0.0	0.0
LOS by Move:	C	A	A	A	A	A	D+	A	C	A	A	A
HCM2kAvgQ:	1	1	0	0	6	6	4	0	2	0	0	0

Note: Queue reported is the number of cars per lane.

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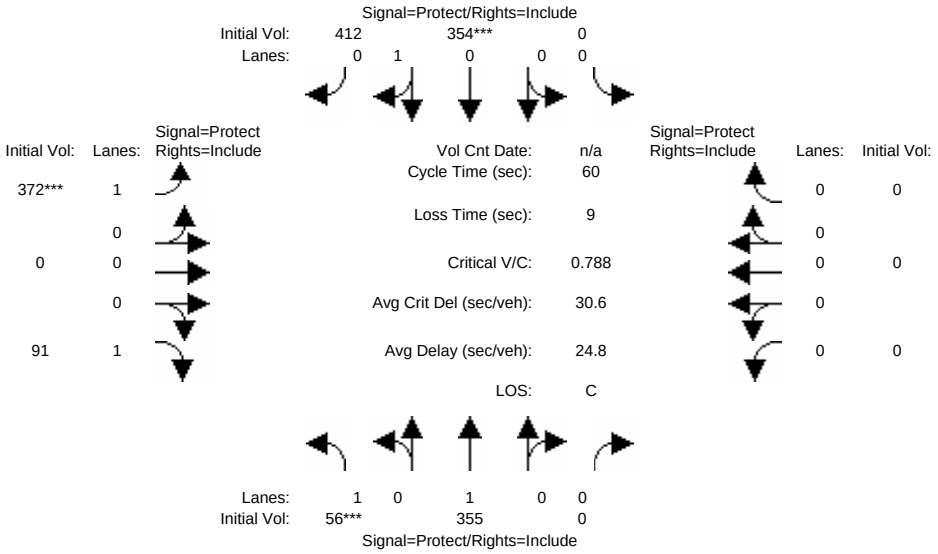
Milpitas Near-Term Cumulative Analysis

Level Of Service Computation Report
2000 HCM Operations (Future Volume Alternative)
Project Midday

Intersection #12: Barber Ln / Alder Dr



Street Name:	Barber Ln						Alder Dr					
Approach:	North Bound			South Bound			East Bound			West Bound		
Movement:	L -	T -	R	L -	T -	R	L -	T -	R	L -	T -	R
Min. Green:	7	10	0	0	10	10	7	0	10	0	0	0
Volume Module:												
Base Vol:	56	184	0	0	240	268	200	0	91	0	0	0
Growth Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Initial Bse:	56	184	0	0	240	268	200	0	91	0	0	0
Added Vol:	0	171	0	0	114	144	172	0	0	0	0	0
PasserByVol:	0	0	0	0	0	0	0	0	0	0	0	0
Initial Fut:	56	355	0	0	354	412	372	0	91	0	0	0
User Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
PHF Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
PHF Volume:	56	355	0	0	354	412	372	0	91	0	0	0
Reduct Vol:	0	0	0	0	0	0	0	0	0	0	0	0
Reduced Vol:	56	355	0	0	354	412	372	0	91	0	0	0
PCE Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
MLF Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
FinalVolume:	56	355	0	0	354	412	372	0	91	0	0	0
Saturation Flow Module:												
Sat/Lane:	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900
Adjustment:	0.92	1.00	0.92	0.92	0.95	0.95	0.92	1.00	0.92	0.92	1.00	0.92
Lanes:	1.00	1.00	0.00	0.00	0.46	0.54	1.00	0.00	1.00	0.00	0.00	0.00
Final Sat.:	1750	1900	0	0	832	968	1750	0	1750	0	0	0
Capacity Analysis Module:												
Vol/Sat:	0.03	0.19	0.00	0.00	0.43	0.43	0.21	0.00	0.05	0.00	0.00	0.00
Crit Moves:	****				****		****					
Green Time:	7.0	36.3	0.0	0.0	29.3	29.3	14.7	0.0	14.7	0.0	0.0	0.0
Volume/Cap:	0.27	0.31	0.00	0.00	0.87	0.87	0.87	0.00	0.21	0.00	0.00	0.00
Delay/Veh:	27.5	6.4	0.0	0.0	25.1	25.1	42.6	0.0	19.2	0.0	0.0	0.0
User DelAdj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
AdjDel/Veh:	27.5	6.4	0.0	0.0	25.1	25.1	42.6	0.0	19.2	0.0	0.0	0.0
LOS by Move:	C	A	A	A	C	C	D	A	B-	A	A	A
HCM2kAvgQ:	1	3	0	0	17	17	9	0	1	0	0	0

Note: Queue reported is the number of cars per lane.

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APPENDIX C:
MITIGATED INTERSECTION LEVEL OF SERVICE CALCULATIONS

Milpitas Near-Term Cumulative Analysis

Summary Scenario Comparison Report (With Average Critical Delay)
Future Volume Alternative

Intersection		Existing PM				Background PM				Project PM						???			
		LOS	Avg Del (sec)	Crit V/C	Avg Crit Del (sec)	LOS	Avg Del (sec)	Crit V/C	Avg Crit Del (sec)	LOS	Avg Del (sec)	Crit V/C	Crit V/C Change	Avg Crit Del (sec)	Avg Crit Del Change	LOS	Avg Del (sec)	Crit V/C	Avg Crit Del (sec)
#4	Calaveras Blvd. & I-880 NB Ramps	E	69.4	1.041	91.3	F	89.3	1.116	122.3	D	48.5	0.984	- 0.132	62.9	- 59.4	?	xx.x	x.xxx	xx.x
#6	Milpitas Blvd. / Calaveras Blvd. [CMP]	D	41.6	0.749	51.2	D	45.7	0.884	60.1	D	45.4	0.888	+ 0.004	48.3	- 11.8	?	xx.x	x.xxx	xx.x
#10	McCarthy Blvd. & Tasman Dr.	D+	37.5	0.527	44.3	D	43.1	0.697	36.0	D	41.4	0.737	+ 0.040	39.3	+ 3.3	?	xx.x	x.xxx	xx.x

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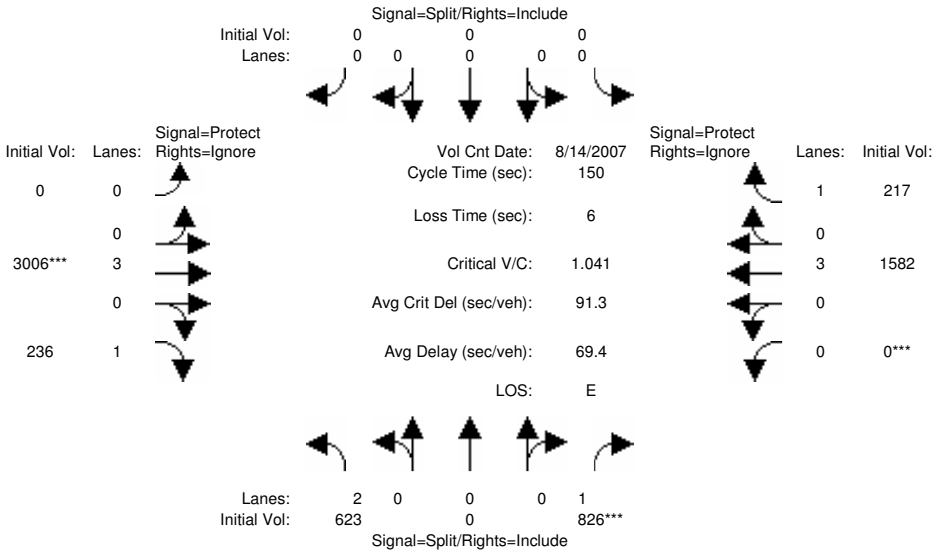
Level Of Service Computation Report
2000 HCM Operations (Future Volume Alternative)
Existing PM

Intersection #4: Calaveras Blvd. & I-880 NB Ramps



Street Name:	I-880 NB Ramps						Calaveras Blvd.					
Approach:	North Bound			South Bound			East Bound			West Bound		
Movement:	L	T	R	L	T	R	L	T	R	L	T	R
Min. Green:	7	10	10	7	10	10	7	10	10	7	10	10
Volume Module: >> Count Date: 14 Aug 2007 << 4:30-5:30PM												
Base Vol:	623	0	826	0	0	0	0	3006	236	0	1582	217
Growth Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Initial Bse:	623	0	826	0	0	0	0	3006	236	0	1582	217
Added Vol:	0	0	0	0	0	0	0	0	0	0	0	0
PasserByVol:	0	0	0	0	0	0	0	0	0	0	0	0
Initial Fut:	623	0	826	0	0	0	0	3006	236	0	1582	217
User Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	0.00	1.00	1.00	0.00
PHF Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	0.00	1.00	1.00	0.00
PHF Volume:	623	0	826	0	0	0	0	3006	0	0	1582	0
Reduct Vol:	0	0	0	0	0	0	0	0	0	0	0	0
Reduced Vol:	623	0	826	0	0	0	0	3006	0	0	1582	0
PCE Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	0.00	1.00	1.00	0.00
MLF Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	0.00	1.00	1.00	0.00
FinalVolume:	623	0	826	0	0	0	0	3006	0	0	1582	0
Saturation Flow Module:												
Sat/Lane:	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900
Adjustment:	0.83	1.00	0.92	0.92	1.00	0.92	0.92	1.00	0.92	0.92	1.00	0.92
Lanes:	2.00	0.00	1.00	0.00	0.00	0.00	0.00	3.00	1.00	0.00	3.00	1.00
Final Sat.:	3150	0	1750	0	0	0	0	5700	1750	0	5700	1750
Capacity Analysis Module:												
Vol/Sat:	0.20	0.00	0.47	0.00	0.00	0.00	0.00	0.53	0.00	0.00	0.28	0.00
Crit Moves:			****					****		****		
Green Time:	64.7	0.0	64.7	0.0	0.0	0.0	0.0	72.3	0.0	0.0	67.9	0.0
Volume/Cap:	0.46	0.00	1.09	0.00	0.00	0.00	0.00	1.09	0.00	0.00	0.61	0.00
Delay/Veh:	30.5	0.0	104.1	0.0	0.0	0.0	0.0	87.8	0.0	0.0	31.6	0.0
User DelAdj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
AdjDel/Veh:	30.5	0.0	104.1	0.0	0.0	0.0	0.0	87.8	0.0	0.0	31.6	0.0
LOS by Move:	C	A	F	A	A	A	A	F	A	A	C	A
HCM2k95thQ:	22	0	82	0	0	0	0	87	0	0	31	0

Note: Queue reported is the number of cars per lane.

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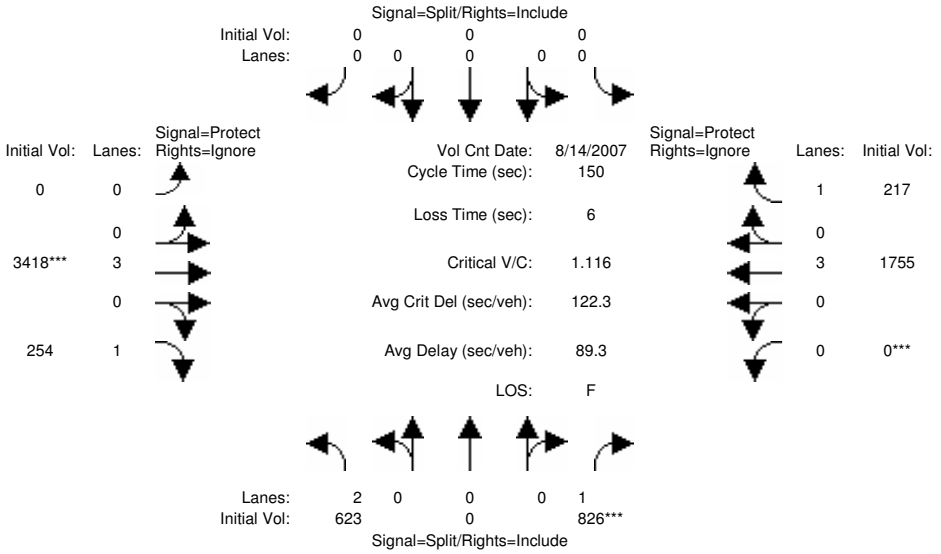
Milpitas Near-Term Cumulative Analysis

Level Of Service Computation Report
2000 HCM Operations (Future Volume Alternative)
Background PM

Intersection #4: Calaveras Blvd. & I-880 NB Ramps



Street Name:	I-880 NB Ramps						Calaveras Blvd.					
Approach:	North Bound			South Bound			East Bound			West Bound		
Movement:	L	T	R	L	T	R	L	T	R	L	T	R
Min. Green:	7	10	10	7	10	10	7	10	10	7	10	10
Volume Module: >> Count Date: 14 Aug 2007 << 4:30-5:30PM												
Base Vol:	623	0	826	0	0	0	0	3006	236	0	1582	217
Growth Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Initial Bse:	623	0	826	0	0	0	0	3006	236	0	1582	217
Added Vol:	0	0	0	0	0	0	0	0	0	0	0	0
ATI:	0	0	0	0	0	0	0	412	18	0	173	0
Initial Fut:	623	0	826	0	0	0	0	3418	254	0	1755	217
User Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	0.00	1.00	1.00	0.00
PHF Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	0.00	1.00	1.00	0.00
PHF Volume:	623	0	826	0	0	0	0	3418	0	0	1755	0
Reduct Vol:	0	0	0	0	0	0	0	0	0	0	0	0
Reduced Vol:	623	0	826	0	0	0	0	3418	0	0	1755	0
PCE Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	0.00	1.00	1.00	0.00
MLF Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	0.00	1.00	1.00	0.00
FinalVolume:	623	0	826	0	0	0	0	3418	0	0	1755	0
Saturation Flow Module:												
Sat/Lane:	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900
Adjustment:	0.83	1.00	0.92	0.92	1.00	0.92	0.92	1.00	0.92	0.92	1.00	0.92
Lanes:	2.00	0.00	1.00	0.00	0.00	0.00	0.00	3.00	1.00	0.00	3.00	1.00
Final Sat.:	3150	0	1750	0	0	0	0	5700	1750	0	5700	1750
Capacity Analysis Module:												
Vol/Sat:	0.20	0.00	0.47	0.00	0.00	0.00	0.00	0.60	0.00	0.00	0.31	0.00
Crit Moves:			****					****		****		
Green Time:	60.3	0.0	60.3	0.0	0.0	0.0	0.0	76.7	0.0	0.0	72.6	0.0
Volume/Cap:	0.49	0.00	1.17	0.00	0.00	0.00	0.00	1.17	0.00	0.00	0.64	0.00
Delay/Veh:	33.7	0.0	137.4	0.0	0.0	0.0	0.0	119	0.0	0.0	29.3	0.0
User DelAdj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
AdjDel/Veh:	33.7	0.0	137.4	0.0	0.0	0.0	0.0	119	0.0	0.0	29.3	0.0
LOS by Move:	C-	A	F	A	A	A	A	F	A	A	C	A
HCM2k95thQ:	23	0	90	0	0	0	0	108	0	0	33	0

Note: Queue reported is the number of cars per lane.

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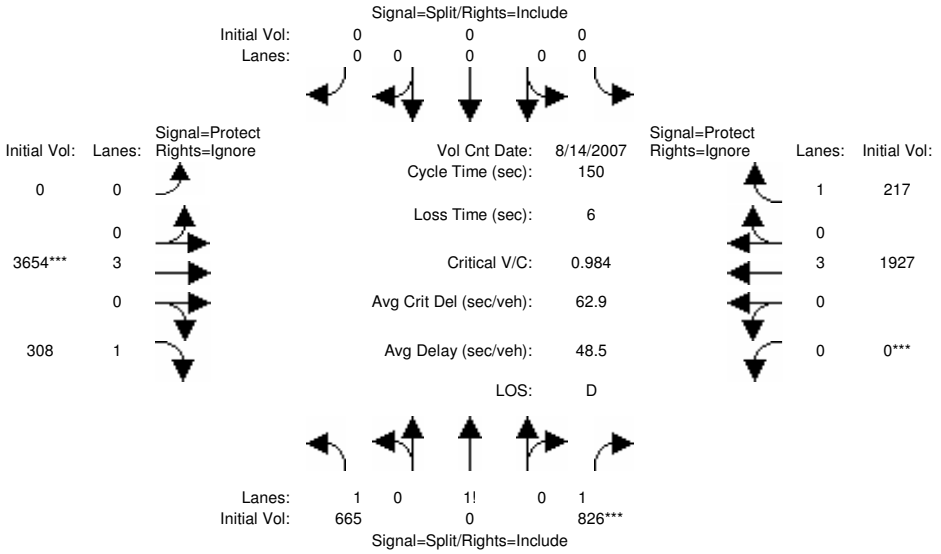
Milpitas Near-Term Cumulative Analysis

Level Of Service Computation Report
2000 HCM Operations (Future Volume Alternative)
Project PM

Intersection #4: Calaveras Blvd. & I-880 NB Ramps

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Street Name:          I-880 NB Ramps                  Calaveras Blvd.
Approach:      North Bound      South Bound      East Bound      West Bound
Movement:     L  -  T  -  R    L  -  T  -  R    L  -  T  -  R    L  -  T  -  R
------------|---------------||---------------||---------------||---------------|
Min. Green:     7   10    10     7   10    10     7   10    10     7   10    10
------------|---------------||---------------||---------------||---------------|
Volume Module: >> Count Date: 14 Aug 2007 << 4:30-5:30PM
Base Vol:     623    0   826     0    0     0     0 3418   254     0 1755   217
Growth Adj:  1.00 1.00  1.00  1.00 1.00  1.00  1.00 1.00  1.00  1.00 1.00  1.00
Initial Bse:  623    0   826     0    0     0     0 3418   254     0 1755   217
Added Vol:     42    0     0     0    0     0     0  236    54     0  172     0
PasserByVol:    0    0     0     0    0     0     0    0     0     0    0     0
Initial Fut:  665    0   826     0    0     0     0 3654   308     0 1927   217
User Adj:    1.00 1.00  1.00  1.00 1.00  1.00  1.00 1.00  0.00  1.00 1.00  0.00
PHF Adj:     1.00 1.00  1.00  1.00 1.00  1.00  1.00 1.00  0.00  1.00 1.00  0.00
PHF Volume:   665    0   826     0    0     0     0 3654     0     0 1927     0
Reduct Vol:     0    0     0     0    0     0     0    0     0     0    0     0
Reduced Vol:  665    0   826     0    0     0     0 3654     0     0 1927     0
PCE Adj:     1.00 1.00  1.00  1.00 1.00  1.00  1.00 1.00  0.00  1.00 1.00  0.00
MLF Adj:     1.00 1.00  1.00  1.00 1.00  1.00  1.00 1.00  0.00  1.00 1.00  0.00
FinalVolume:  665    0   826     0    0     0     0 3654     0     0 1927     0
------------|---------------||---------------||---------------||---------------|
Saturation Flow Module:
Sat/Lane:    1900 1900  1900  1900 1900  1900  1900 1900  1900  1900 1900  1900
Adjustment:  0.92 1.00  0.92  0.92 1.00  0.92  0.92 1.00  0.92  0.92 1.00  0.92
Lanes:       1.45 0.00  1.55  0.00 0.00  0.00  0.00 3.00  1.00  0.00 3.00  1.00
Final Sat.:  2531    0  2719     0    0     0     0 5700  1750     0 5700  1750
------------|---------------||---------------||---------------||---------------|
Capacity Analysis Module:
Vol/Sat:     0.26 0.00  0.30  0.00 0.00  0.00  0.00 0.64  0.00  0.00 0.34  0.00
Crit Moves:             ****                          ****        ****
Green Time:  44.0  0.0  44.0   0.0  0.0   0.0   0.0 93.0   0.0   0.0 87.8   0.0
Volume/Cap:  0.90 0.00  1.03  0.00 0.00  0.00  0.00 1.03  0.00  0.00 0.58  0.00
Delay/Veh:   57.5  0.0  86.1   0.0  0.0   0.0   0.0 53.5   0.0   0.0 19.7   0.0
User DelAdj: 1.00 1.00  1.00  1.00 1.00  1.00  1.00 1.00  1.00  1.00 1.00  1.00
AdjDel/Veh:  57.5  0.0  86.1   0.0  0.0   0.0   0.0 53.5   0.0   0.0 19.7   0.0
LOS by Move:   E+    A     F     A    A     A     A   D-     A     A   B-     A
HCM2k95thQ:    41    0    54     0    0     0     0   93     0     0   31     0
Note: Queue reported is the number of cars per lane.
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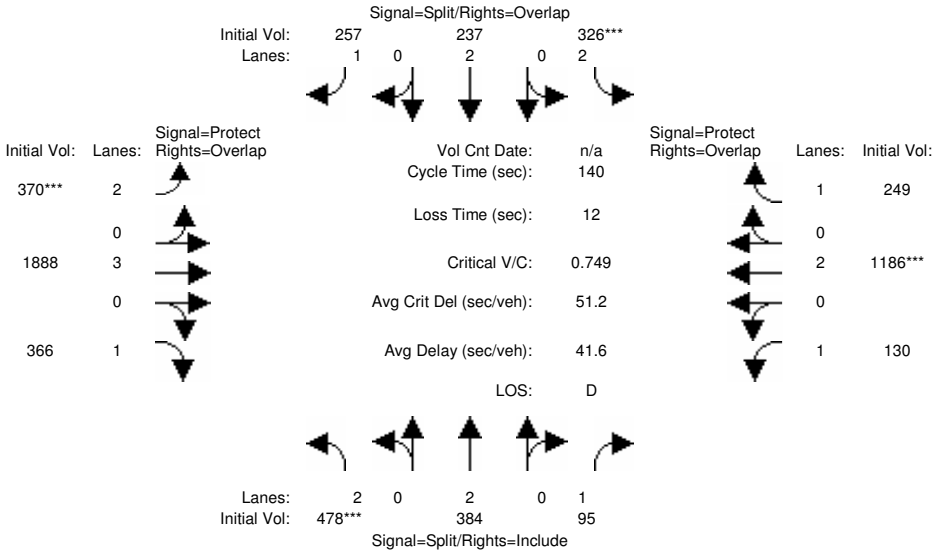
Milpitas Near-Term Cumulative Analysis

Level Of Service Computation Report
2000 HCM Operations (Future Volume Alternative)
Existing PM

Intersection #6: Milpitas Blvd. / Calaveras Blvd. [CMP]



Street Name:	Milpitas Blvd.						Calaveras Blvd.					
Approach:	North Bound			South Bound			East Bound			West Bound		
Movement:	L - T - R			L - T - R			L - T - R			L - T - R		
Min. Green:	10	10	10	10	10	10	7	10	10	7	10	10
Volume Module:												
Base Vol:	478	384	95	326	237	257	370	1888	366	130	1186	249
Growth Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Initial Bse:	478	384	95	326	237	257	370	1888	366	130	1186	249
Added Vol:	0	0	0	0	0	0	0	0	0	0	0	0
PasserByVol:	0	0	0	0	0	0	0	0	0	0	0	0
Initial Fut:	478	384	95	326	237	257	370	1888	366	130	1186	249
User Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
PHF Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
PHF Volume:	478	384	95	326	237	257	370	1888	366	130	1186	249
Reduct Vol:	0	0	0	0	0	0	0	0	0	0	0	0
Reduced Vol:	478	384	95	326	237	257	370	1888	366	130	1186	249
PCE Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
MLF Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
FinalVolume:	478	384	95	326	237	257	370	1888	366	130	1186	249
Saturation Flow Module:												
Sat/Lane:	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900
Adjustment:	0.83	1.00	0.92	0.83	1.00	0.92	0.83	1.00	0.92	0.92	1.00	0.92
Lanes:	2.00	2.00	1.00	2.00	2.00	1.00	2.00	3.00	1.00	1.00	2.00	1.00
Final Sat.:	3150	3800	1750	3150	3800	1750	3150	5700	1750	1750	3800	1750
Capacity Analysis Module:												
Vol/Sat:	0.15	0.10	0.05	0.10	0.06	0.15	0.12	0.33	0.21	0.07	0.31	0.14
Crit Moves:	****			****			****				****	
Green Time:	28.4	28.4	28.4	19.3	19.3	41.3	22.0	65.6	93.9	14.7	58.3	77.7
Volume/Cap:	0.75	0.50	0.27	0.75	0.45	0.50	0.75	0.71	0.31	0.71	0.75	0.26
Delay/Veh:	60.3	51.8	48.9	69.2	58.2	44.2	66.4	31.2	10.3	81.0	37.9	16.8
User DelAdj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
AdjDel/Veh:	60.3	51.8	48.9	69.2	58.2	44.2	66.4	31.2	10.3	81.0	37.9	16.8
LOS by Move:	E	D-	D	E	E+	D	E	C	B+	F	D+	B
HCM2k95thQ:	22	14	8	16	9	17	16	34	13	12	37	11

Note: Queue reported is the number of cars per lane.

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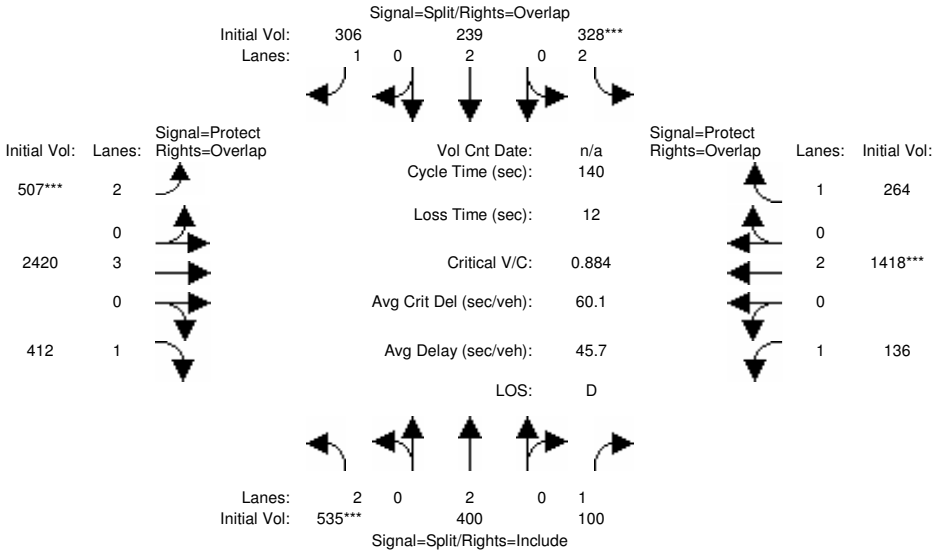
Milpitas Near-Term Cumulative Analysis

Level Of Service Computation Report
2000 HCM Operations (Future Volume Alternative)
Background PM

Intersection #6: Milpitas Blvd. / Calaveras Blvd. [CMP]



Street Name:	Milpitas Blvd.						Calaveras Blvd.					
Approach:	North Bound			South Bound			East Bound			West Bound		
Movement:	L	T	R	L	T	R	L	T	R	L	T	R
Min. Green:	10	10	10	10	10	10	7	10	10	7	10	10
Volume Module:												
Base Vol:	478	384	95	326	237	257	370	1888	366	130	1186	249
Growth Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Initial Bse:	478	384	95	326	237	257	370	1888	366	130	1186	249
Added Vol:	0	0	0	0	0	0	0	0	0	0	0	0
ATI:	57	16	5	2	2	49	137	532	46	6	232	15
Initial Fut:	535	400	100	328	239	306	507	2420	412	136	1418	264
User Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
PHF Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
PHF Volume:	535	400	100	328	239	306	507	2420	412	136	1418	264
Reduct Vol:	0	0	0	0	0	0	0	0	0	0	0	0
Reduced Vol:	535	400	100	328	239	306	507	2420	412	136	1418	264
PCE Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
MLF Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
FinalVolume:	535	400	100	328	239	306	507	2420	412	136	1418	264
Saturation Flow Module:												
Sat/Lane:	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900
Adjustment:	0.83	1.00	0.92	0.83	1.00	0.92	0.83	1.00	0.92	0.92	1.00	0.92
Lanes:	2.00	2.00	1.00	2.00	2.00	1.00	2.00	3.00	1.00	1.00	2.00	1.00
Final Sat.:	3150	3800	1750	3150	3800	1750	3150	5700	1750	1750	3800	1750
Capacity Analysis Module:												
Vol/Sat:	0.17	0.11	0.06	0.10	0.06	0.17	0.16	0.42	0.24	0.08	0.37	0.15
Crit Moves:	****			****			****				****	
Green Time:	26.9	26.9	26.9	16.5	16.5	42.0	25.5	71.5	98.4	13.1	59.1	75.6
Volume/Cap:	0.88	0.55	0.30	0.88	0.53	0.58	0.88	0.83	0.33	0.83	0.88	0.28
Delay/Veh:	72.1	54.0	50.7	85.8	62.6	46.3	73.6	32.0	8.8	98.9	44.8	18.2
User DelAdj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
AdjDel/Veh:	72.1	54.0	50.7	85.8	62.6	46.3	73.6	32.0	8.8	98.9	44.8	18.2
LOS by Move:	E	D-	D	F	E	D	E	C-	A	F	D	B-
HCM2k95thQ:	27	15	8	17	10	21	21	45	13	13	51	12

Note: Queue reported is the number of cars per lane.

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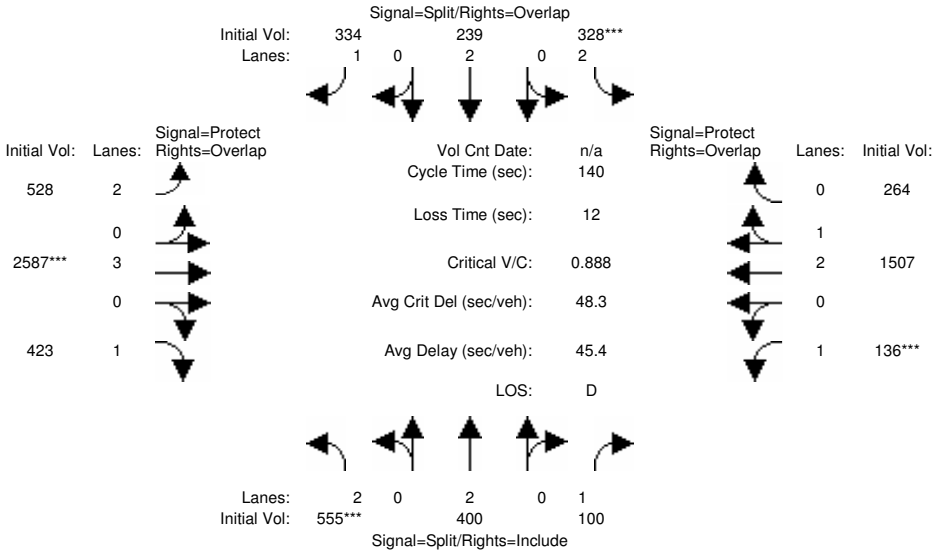
Milpitas Near-Term Cumulative Analysis

Level Of Service Computation Report
2000 HCM Operations (Future Volume Alternative)
Project PM

Intersection #6: Milpitas Blvd. / Calaveras Blvd. [CMP]



Street Name:	Milpitas Blvd.						Calaveras Blvd.					
Approach:	North Bound			South Bound			East Bound			West Bound		
Movement:	L	T	R	L	T	R	L	T	R	L	T	R
Min. Green:	10	10	10	10	10	10	7	10	10	7	10	10
Volume Module:												
Base Vol:	535	400	100	328	239	306	507	2420	412	136	1418	264
Growth Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Initial Bse:	535	400	100	328	239	306	507	2420	412	136	1418	264
Added Vol:	20	0	0	0	0	28	21	167	11	0	89	0
PasserByVol:	0	0	0	0	0	0	0	0	0	0	0	0
Initial Fut:	555	400	100	328	239	334	528	2587	423	136	1507	264
User Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
PHF Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
PHF Volume:	555	400	100	328	239	334	528	2587	423	136	1507	264
Reduct Vol:	0	0	0	0	0	0	0	0	0	0	0	0
Reduced Vol:	555	400	100	328	239	334	528	2587	423	136	1507	264
PCE Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
MLF Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
FinalVolume:	555	400	100	328	239	334	528	2587	423	136	1507	264
Saturation Flow Module:												
Sat/Lane:	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900
Adjustment:	0.83	1.00	0.92	0.83	1.00	0.92	0.83	1.00	0.92	0.92	0.99	0.95
Lanes:	2.00	2.00	1.00	2.00	2.00	1.00	2.00	3.00	1.00	1.00	2.54	0.46
Final Sat.:	3150	3800	1750	3150	3800	1750	3150	5700	1750	1750	4764	835
Capacity Analysis Module:												
Vol/Sat:	0.18	0.11	0.06	0.10	0.06	0.19	0.17	0.45	0.24	0.08	0.32	0.32
Crit Moves:	****			****				****		****		
Green Time:	27.8	27.8	27.8	16.4	16.4	45.4	29.0	71.6	99.3	12.3	54.8	71.2
Volume/Cap:	0.89	0.53	0.29	0.89	0.54	0.59	0.81	0.89	0.34	0.89	0.81	0.62
Delay/Veh:	71.7	52.9	49.8	86.5	62.8	43.9	63.2	35.1	8.5	111.0	41.3	25.8
User DelAdj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
AdjDel/Veh:	71.7	52.9	49.8	86.5	62.8	43.9	63.2	35.1	8.5	111.0	41.3	25.8
LOS by Move:	E	D-	D	F	E	D	E	D+	A	F	D	C
HCM2k95thQ:	28	14	8	17	10	22	21	51	13	14	40	31

Note: Queue reported is the number of cars per lane.

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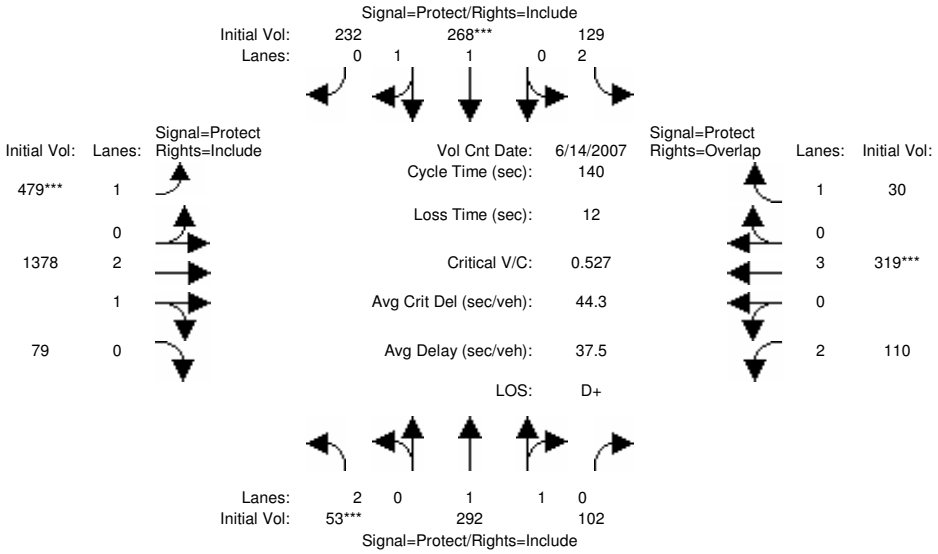
Milpitas Near-Term Cumulative Analysis

Level Of Service Computation Report
2000 HCM Operations (Future Volume Alternative)
Existing PM

Intersection #10: McCarthy Blvd. & Tasman Dr.



Street Name:	McCarthy Blvd.						Tasman Dr.					
Approach:	North Bound			South Bound			East Bound			West Bound		
Movement:	L	T	R	L	T	R	L	T	R	L	T	R
Min. Green:	7	10	10	7	10	10	7	10	10	7	10	10
Volume Module: >> Count Date: 14 Jun 2007 <<												
Base Vol:	53	292	102	129	268	232	479	1378	79	110	319	30
Growth Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Initial Bse:	53	292	102	129	268	232	479	1378	79	110	319	30
Added Vol:	0	0	0	0	0	0	0	0	0	0	0	0
PasserByVol:	0	0	0	0	0	0	0	0	0	0	0	0
Initial Fut:	53	292	102	129	268	232	479	1378	79	110	319	30
User Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
PHF Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
PHF Volume:	53	292	102	129	268	232	479	1378	79	110	319	30
Reduct Vol:	0	0	0	0	0	0	0	0	0	0	0	0
Reduced Vol:	53	292	102	129	268	232	479	1378	79	110	319	30
PCE Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
MLF Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
FinalVolume:	53	292	102	129	268	232	479	1378	79	110	319	30
Saturation Flow Module:												
Sat/Lane:	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900
Adjustment:	0.83	0.98	0.95	0.83	1.00	0.95	0.92	0.98	0.95	0.83	1.00	0.92
Lanes:	2.00	1.47	0.53	2.00	1.05	0.95	1.00	2.83	0.17	2.00	3.00	1.00
Final Sat.:	3150	2741	958	3150	1982	1716	1750	5296	304	3150	5700	1750
Capacity Analysis Module:												
Vol/Sat:	0.02	0.11	0.11	0.04	0.14	0.14	0.27	0.26	0.26	0.03	0.06	0.02
Crit Moves:	****				****		****				****	
Green Time:	7.0	28.7	28.7	13.5	35.2	35.2	71.2	72.0	72.0	13.8	14.6	28.0
Volume/Cap:	0.34	0.52	0.52	0.43	0.54	0.54	0.54	0.51	0.51	0.35	0.54	0.09
Delay/Veh:	69.9	52.0	52.0	63.9	47.6	47.6	25.6	23.0	23.0	62.0	63.0	46.0
User DelAdj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
AdjDel/Veh:	69.9	52.0	52.0	63.9	47.6	47.6	25.6	23.0	23.0	62.0	63.0	46.0
LOS by Move:	E	D-	D-	E	D	D	C	C+	C+	E	E	D
HCM2k95thQ:	3	14	14	7	17	17	25	23	23	6	9	3

Note: Queue reported is the number of cars per lane.

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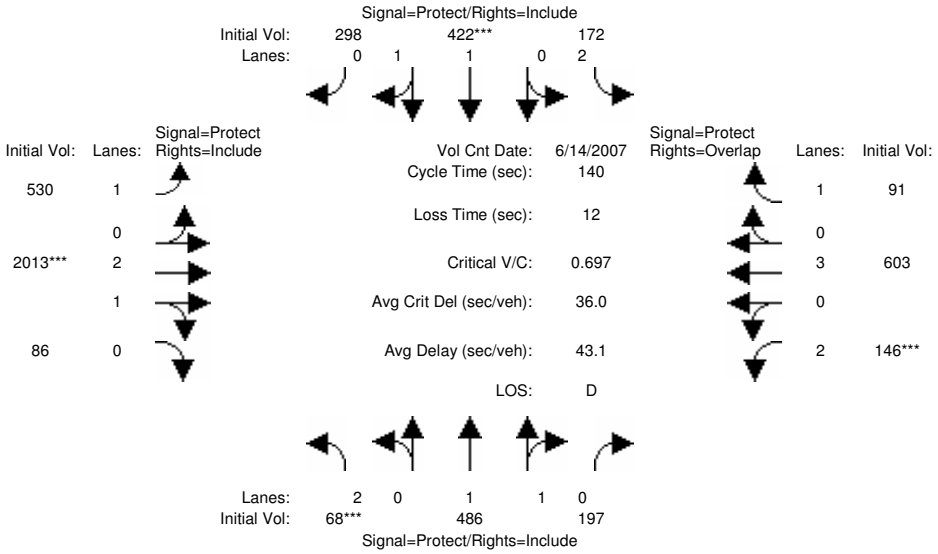
Milpitas Near-Term Cumulative Analysis

Level Of Service Computation Report
2000 HCM Operations (Future Volume Alternative)
Background PM

Intersection #10: McCarthy Blvd. & Tasman Dr.



Street Name:	McCarthy Blvd.						Tasman Dr.					
Approach:	North Bound			South Bound			East Bound			West Bound		
Movement:	L	T	R	L	T	R	L	T	R	L	T	R
Min. Green:	7	10	10	7	10	10	7	10	10	7	10	10
Volume Module: >> Count Date: 14 Jun 2007 <<												
Base Vol:	53	292	102	129	268	232	479	1378	79	110	319	30
Growth Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Initial Bse:	53	292	102	129	268	232	479	1378	79	110	319	30
Added Vol:	0	0	0	0	0	0	0	0	0	0	0	0
ATI:	15	194	95	43	154	66	51	635	7	36	284	61
Initial Fut:	68	486	197	172	422	298	530	2013	86	146	603	91
User Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
PHF Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
PHF Volume:	68	486	197	172	422	298	530	2013	86	146	603	91
Reduct Vol:	0	0	0	0	0	0	0	0	0	0	0	0
Reduced Vol:	68	486	197	172	422	298	530	2013	86	146	603	91
PCE Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
MLF Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
FinalVolume:	68	486	197	172	422	298	530	2013	86	146	603	91
Saturation Flow Module:												
Sat/Lane:	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900
Adjustment:	0.83	0.98	0.95	0.83	0.99	0.95	0.92	0.98	0.95	0.83	1.00	0.92
Lanes:	2.00	1.41	0.59	2.00	1.15	0.85	1.00	2.87	0.13	2.00	3.00	1.00
Final Sat.:	3150	2632	1067	3150	2167	1531	1750	5370	229	3150	5700	1750
Capacity Analysis Module:												
Vol/Sat:	0.02	0.18	0.18	0.05	0.19	0.19	0.30	0.37	0.37	0.05	0.11	0.05
Crit Moves:	****				****			****			****	
Green Time:	7.0	34.9	34.9	10.3	38.3	38.3	61.3	73.6	73.6	9.1	21.4	31.7
Volume/Cap:	0.43	0.74	0.74	0.74	0.71	0.71	0.69	0.71	0.71	0.71	0.69	0.23
Delay/Veh:	73.0	53.7	53.7	82.5	50.2	50.2	36.8	26.7	26.7	83.2	60.6	45.5
User DelAdj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
AdjDel/Veh:	73.0	53.7	53.7	82.5	50.2	50.2	36.8	26.7	26.7	83.2	60.6	45.5
LOS by Move:	E	D-	D-	F	D	D	D+	C	C	F	E	D
HCM2k95thQ:	4	24	24	11	25	25	32	37	37	8	15	7

Note: Queue reported is the number of cars per lane.

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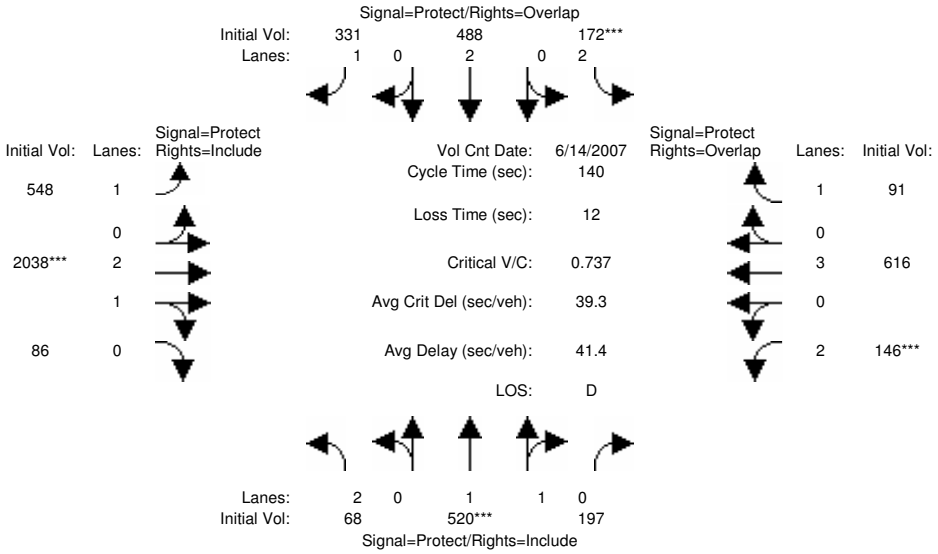
Milpitas Near-Term Cumulative Analysis

Level Of Service Computation Report
2000 HCM Operations (Future Volume Alternative)
Project PM

Intersection #10: McCarthy Blvd. & Tasman Dr.



Street Name:	McCarthy Blvd.						Tasman Dr.					
Approach:	North Bound			South Bound			East Bound			West Bound		
Movement:	L	T	R	L	T	R	L	T	R	L	T	R
Min. Green:	7	10	10	7	10	10	7	10	10	7	10	10
Volume Module: >> Count Date: 14 Jun 2007 <<												
Base Vol:	68	486	197	172	422	298	530	2013	86	146	603	91
Growth Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Initial Bse:	68	486	197	172	422	298	530	2013	86	146	603	91
Added Vol:	0	34	0	0	66	33	18	25	0	0	13	0
PasserByVol:	0	0	0	0	0	0	0	0	0	0	0	0
Initial Fut:	68	520	197	172	488	331	548	2038	86	146	616	91
User Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
PHF Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
PHF Volume:	68	520	197	172	488	331	548	2038	86	146	616	91
Reduct Vol:	0	0	0	0	0	0	0	0	0	0	0	0
Reduced Vol:	68	520	197	172	488	331	548	2038	86	146	616	91
PCE Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
MLF Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
FinalVolume:	68	520	197	172	488	331	548	2038	86	146	616	91
Saturation Flow Module:												
Sat/Lane:	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900
Adjustment:	0.83	0.98	0.95	0.83	1.00	0.92	0.92	0.98	0.95	0.83	1.00	0.92
Lanes:	2.00	1.44	0.56	2.00	2.00	1.00	1.00	2.87	0.13	2.00	3.00	1.00
Final Sat.:	3150	2683	1016	3150	3800	1750	1750	5373	227	3150	5700	1750
Capacity Analysis Module:												
Vol/Sat:	0.02	0.19	0.19	0.05	0.13	0.19	0.31	0.38	0.38	0.05	0.11	0.05
Crit Moves:		****		****				****		****		
Green Time:	13.2	36.8	36.8	10.4	34.0	94.0	60.1	72.0	72.0	8.8	20.7	31.1
Volume/Cap:	0.23	0.74	0.74	0.74	0.53	0.28	0.73	0.74	0.74	0.74	0.73	0.23
Delay/Veh:	60.5	52.2	52.2	82.2	48.3	9.9	39.4	28.3	28.3	86.0	62.5	46.1
User DelAdj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
AdjDel/Veh:	60.5	52.2	52.2	82.2	48.3	9.9	39.4	28.3	28.3	86.0	62.5	46.1
LOS by Move:	E	D-	D-	F	D	A	D	C	C	F	E	D
HCM2k95thQ:	4	25	25	11	16	11	34	39	39	8	16	7

Note: Queue reported is the number of cars per lane.

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Milpitas Near-Term Cumulative Analysis

Summary Scenario Comparison Report (With Average Critical Delay)
Future Volume Alternative

Intersection		Existing PM				Background PM				Project PM						???			
		LOS	Avg Del (sec)	Crit V/C	Avg Crit Del (sec)	LOS	Avg Del (sec)	Crit V/C	Avg Crit Del (sec)	LOS	Avg Del (sec)	Crit V/C	Crit V/C Change	Avg Crit Del (sec)	Avg Crit Del Change	LOS	Avg Del (sec)	Crit V/C	Avg Crit Del (sec)
#4	Calaveras Blvd. & I-880 NB Ramps	E	69.4	1.041	91.3	F	89.3	1.116	122.3	D	48.5	0.984	- 0.132	62.9	- 59.4	?	xx.x	x.xxx	xx.x
#6	Milpitas Blvd. / Calaveras Blvd. [CMP]	D	41.6	0.749	51.2	D	45.7	0.884	60.1	D	45.4	0.888	+ 0.004	48.3	- 11.8	?	xx.x	x.xxx	xx.x
#10	McCarthy Blvd. & Tasman Dr.	D+	37.5	0.527	44.3	D	43.1	0.697	36.0	D	41.4	0.737	+ 0.040	39.3	+ 3.3	?	xx.x	x.xxx	xx.x

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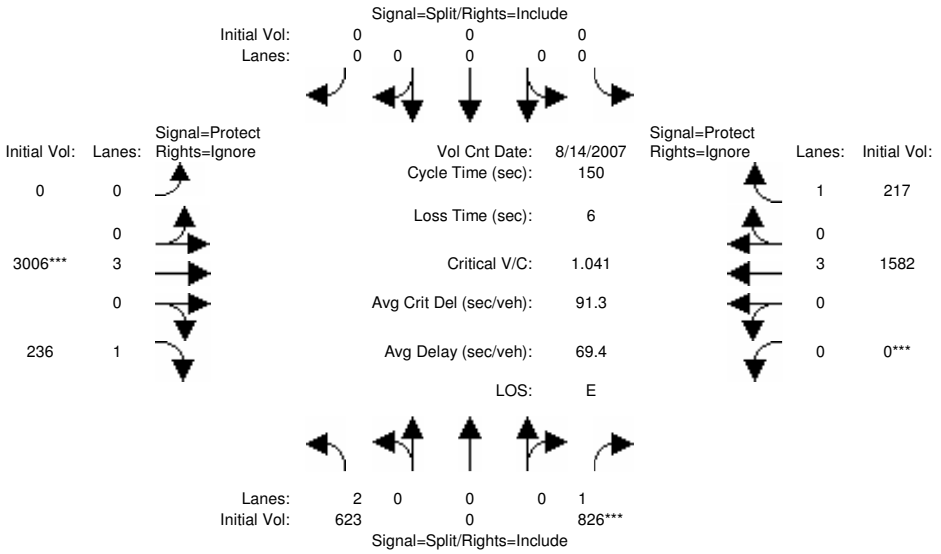
Level Of Service Computation Report
2000 HCM Operations (Future Volume Alternative)
Existing PM

Intersection #4: Calaveras Blvd. & I-880 NB Ramps



Street Name:	I-880 NB Ramps						Calaveras Blvd.					
Approach:	North Bound			South Bound			East Bound			West Bound		
Movement:	L	T	R	L	T	R	L	T	R	L	T	R
Min. Green:	7	10	10	7	10	10	7	10	10	7	10	10
Volume Module: >> Count Date: 14 Aug 2007 << 4:30-5:30PM												
Base Vol:	623	0	826	0	0	0	3006	236	0	1582	217	
Growth Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Initial Bse:	623	0	826	0	0	0	3006	236	0	1582	217	
Added Vol:	0	0	0	0	0	0	0	0	0	0	0	
PasserByVol:	0	0	0	0	0	0	0	0	0	0	0	
Initial Fut:	623	0	826	0	0	0	3006	236	0	1582	217	
User Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	0.00	1.00	1.00	0.00
PHF Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	0.00	1.00	1.00	0.00
PHF Volume:	623	0	826	0	0	0	3006	0	0	1582	0	
Reduct Vol:	0	0	0	0	0	0	0	0	0	0	0	
Reduced Vol:	623	0	826	0	0	0	3006	0	0	1582	0	
PCE Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	0.00	1.00	1.00	0.00
MLF Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	0.00	1.00	1.00	0.00
FinalVolume:	623	0	826	0	0	0	3006	0	0	1582	0	
Saturation Flow Module:												
Sat/Lane:	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900
Adjustment:	0.83	1.00	0.92	0.92	1.00	0.92	0.92	1.00	0.92	0.92	1.00	0.92
Lanes:	2.00	0.00	1.00	0.00	0.00	0.00	0.00	3.00	1.00	0.00	3.00	1.00
Final Sat.:	3150	0	1750	0	0	0	0	5700	1750	0	5700	1750
Capacity Analysis Module:												
Vol/Sat:	0.20	0.00	0.47	0.00	0.00	0.00	0.00	0.53	0.00	0.00	0.28	0.00
Crit Moves:			****					****		****		
Green Time:	64.7	0.0	64.7	0.0	0.0	0.0	0.0	72.3	0.0	0.0	67.9	0.0
Volume/Cap:	0.46	0.00	1.09	0.00	0.00	0.00	0.00	1.09	0.00	0.00	0.61	0.00
Delay/Veh:	30.5	0.0	104.1	0.0	0.0	0.0	0.0	87.8	0.0	0.0	31.6	0.0
User DelAdj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
AdjDel/Veh:	30.5	0.0	104.1	0.0	0.0	0.0	0.0	87.8	0.0	0.0	31.6	0.0
LOS by Move:	C	A	F	A	A	A	A	F	A	A	C	A
HCM2k95thQ:	22	0	82	0	0	0	0	87	0	0	31	0

Note: Queue reported is the number of cars per lane.

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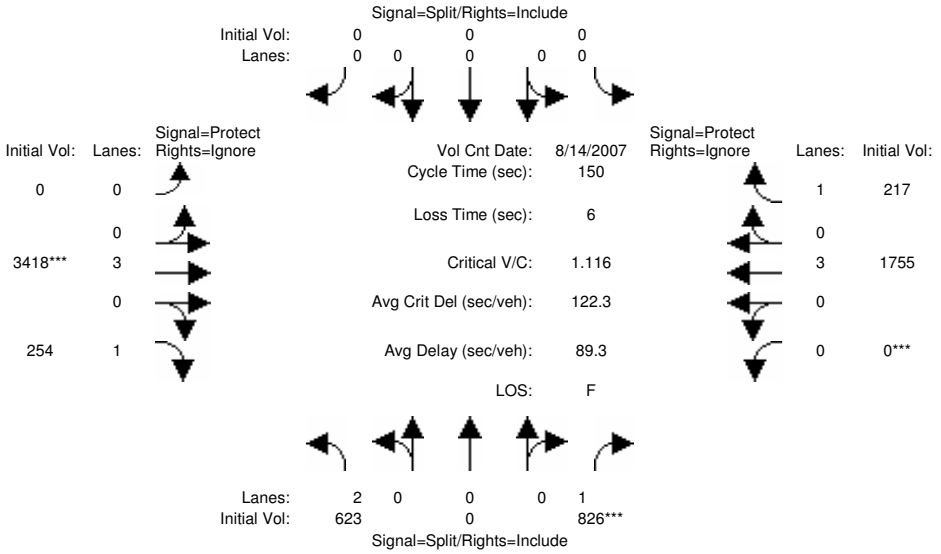
Milpitas Near-Term Cumulative Analysis

Level Of Service Computation Report
2000 HCM Operations (Future Volume Alternative)
Background PM

Intersection #4: Calaveras Blvd. & I-880 NB Ramps



Street Name:	I-880 NB Ramps						Calaveras Blvd.					
Approach:	North Bound			South Bound			East Bound			West Bound		
Movement:	L	T	R	L	T	R	L	T	R	L	T	R
Min. Green:	7	10	10	7	10	10	7	10	10	7	10	10
Volume Module: >> Count Date: 14 Aug 2007 << 4:30-5:30PM												
Base Vol:	623	0	826	0	0	0	0	3006	236	0	1582	217
Growth Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Initial Bse:	623	0	826	0	0	0	0	3006	236	0	1582	217
Added Vol:	0	0	0	0	0	0	0	0	0	0	0	0
ATI:	0	0	0	0	0	0	0	412	18	0	173	0
Initial Fut:	623	0	826	0	0	0	0	3418	254	0	1755	217
User Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	0.00	1.00	1.00	0.00
PHF Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	0.00	1.00	1.00	0.00
PHF Volume:	623	0	826	0	0	0	0	3418	0	0	1755	0
Reduct Vol:	0	0	0	0	0	0	0	0	0	0	0	0
Reduced Vol:	623	0	826	0	0	0	0	3418	0	0	1755	0
PCE Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	0.00	1.00	1.00	0.00
MLF Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	0.00	1.00	1.00	0.00
FinalVolume:	623	0	826	0	0	0	0	3418	0	0	1755	0
Saturation Flow Module:												
Sat/Lane:	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900
Adjustment:	0.83	1.00	0.92	0.92	1.00	0.92	0.92	1.00	0.92	0.92	1.00	0.92
Lanes:	2.00	0.00	1.00	0.00	0.00	0.00	0.00	3.00	1.00	0.00	3.00	1.00
Final Sat.:	3150	0	1750	0	0	0	0	5700	1750	0	5700	1750
Capacity Analysis Module:												
Vol/Sat:	0.20	0.00	0.47	0.00	0.00	0.00	0.00	0.60	0.00	0.00	0.31	0.00
Crit Moves:			****					****		****		
Green Time:	60.3	0.0	60.3	0.0	0.0	0.0	0.0	76.7	0.0	0.0	72.6	0.0
Volume/Cap:	0.49	0.00	1.17	0.00	0.00	0.00	0.00	1.17	0.00	0.00	0.64	0.00
Delay/Veh:	33.7	0.0	137.4	0.0	0.0	0.0	0.0	119	0.0	0.0	29.3	0.0
User DelAdj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
AdjDel/Veh:	33.7	0.0	137.4	0.0	0.0	0.0	0.0	119	0.0	0.0	29.3	0.0
LOS by Move:	C-	A	F	A	A	A	A	F	A	A	C	A
HCM2k95thQ:	23	0	90	0	0	0	0	108	0	0	33	0

Note: Queue reported is the number of cars per lane.

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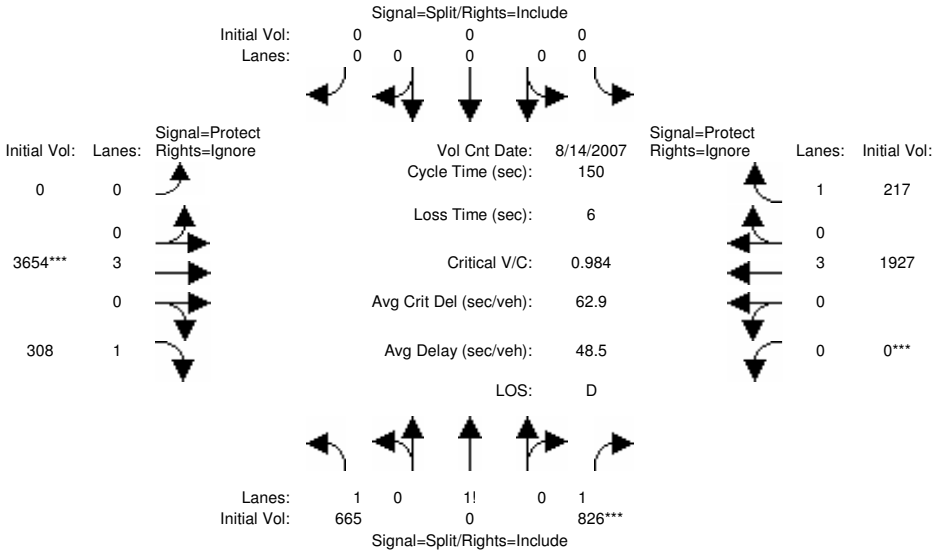
Milpitas Near-Term Cumulative Analysis

Level Of Service Computation Report
2000 HCM Operations (Future Volume Alternative)
Project PM

Intersection #4: Calaveras Blvd. & I-880 NB Ramps




```
Street Name:          I-880 NB Ramps                  Calaveras Blvd.
Approach:      North Bound      South Bound      East Bound      West Bound
Movement:     L  -  T  -  R    L  -  T  -  R    L  -  T  -  R    L  -  T  -  R
------------|---------------||---------------||---------------||---------------|
Min. Green:     7   10   10     7   10   10     7   10   10     7   10   10
------------|---------------||---------------||---------------||---------------|
Volume Module: >> Count Date: 14 Aug 2007 << 4:30-5:30PM
Base Vol:     623    0  826     0    0    0     0 3418  254     0 1755  217
Growth Adj:  1.00 1.00 1.00  1.00 1.00 1.00  1.00 1.00 1.00  1.00 1.00 1.00
Initial Bse:  623    0  826     0    0    0     0 3418  254     0 1755  217
Added Vol:     42    0    0     0    0    0     0  236   54     0  172    0
PasserByVol:    0    0    0     0    0    0     0    0    0     0    0    0
Initial Fut:  665    0  826     0    0    0     0 3654  308     0 1927  217
User Adj:    1.00 1.00 1.00  1.00 1.00 1.00  1.00 1.00 0.00  1.00 1.00 0.00
PHF Adj:     1.00 1.00 1.00  1.00 1.00 1.00  1.00 1.00 0.00  1.00 1.00 0.00
PHF Volume:   665    0  826     0    0    0     0 3654    0     0 1927    0
Reduct Vol:     0    0    0     0    0    0     0    0    0     0    0    0
Reduced Vol:  665    0  826     0    0    0     0 3654    0     0 1927    0
PCE Adj:     1.00 1.00 1.00  1.00 1.00 1.00  1.00 1.00 0.00  1.00 1.00 0.00
MLF Adj:     1.00 1.00 1.00  1.00 1.00 1.00  1.00 1.00 0.00  1.00 1.00 0.00
FinalVolume:  665    0  826     0    0    0     0 3654    0     0 1927    0
------------|---------------||---------------||---------------||---------------|
Saturation Flow Module:
Sat/Lane:    1900 1900 1900  1900 1900 1900  1900 1900 1900  1900 1900 1900
Adjustment:  0.92 1.00 0.92  0.92 1.00 0.92  0.92 1.00 0.92  0.92 1.00 0.92
Lanes:       1.45 0.00 1.55  0.00 0.00 0.00  0.00 3.00 1.00  0.00 3.00 1.00
Final Sat.:  2531    0 2719     0    0    0     0 5700 1750     0 5700 1750
------------|---------------||---------------||---------------||---------------|
Capacity Analysis Module:
Vol/Sat:     0.26 0.00 0.30  0.00 0.00 0.00  0.00 0.64 0.00  0.00 0.34 0.00
Crit Moves:            ****                          ****        ****
Green Time:  44.0  0.0 44.0   0.0  0.0  0.0   0.0 93.0  0.0   0.0 87.8  0.0
Volume/Cap:  0.90 0.00 1.03  0.00 0.00 0.00  0.00 1.03 0.00  0.00 0.58 0.00
Delay/Veh:   57.5  0.0 86.1   0.0  0.0  0.0   0.0 53.5  0.0   0.0 19.7  0.0
User DelAdj: 1.00 1.00 1.00  1.00 1.00 1.00  1.00 1.00 1.00  1.00 1.00 1.00
AdjDel/Veh:  57.5  0.0 86.1   0.0  0.0  0.0   0.0 53.5  0.0   0.0 19.7  0.0
LOS by Move:   E+    A    F     A    A    A     A   D-    A     A   B-    A
HCM2k95thQ:    41    0   54     0    0    0     0   93    0     0   31    0
Note: Queue reported is the number of cars per lane.
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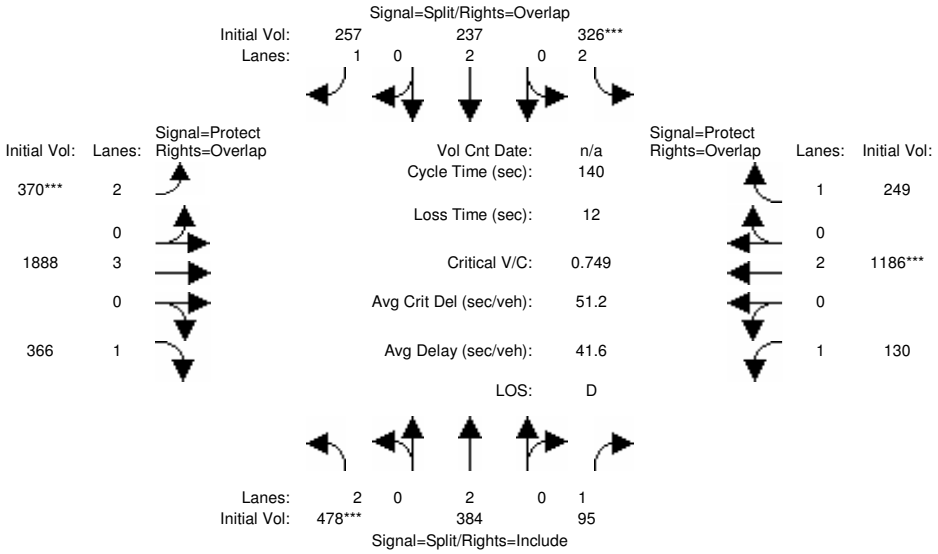
Milpitas Near-Term Cumulative Analysis

Level Of Service Computation Report
2000 HCM Operations (Future Volume Alternative)
Existing PM

Intersection #6: Milpitas Blvd. / Calaveras Blvd. [CMP]



Street Name:	Milpitas Blvd.						Calaveras Blvd.					
Approach:	North Bound			South Bound			East Bound			West Bound		
Movement:	L - T - R			L - T - R			L - T - R			L - T - R		
Min. Green:	10	10	10	10	10	10	7	10	10	7	10	10
Volume Module:												
Base Vol:	478	384	95	326	237	257	370	1888	366	130	1186	249
Growth Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Initial Bse:	478	384	95	326	237	257	370	1888	366	130	1186	249
Added Vol:	0	0	0	0	0	0	0	0	0	0	0	0
PasserByVol:	0	0	0	0	0	0	0	0	0	0	0	0
Initial Fut:	478	384	95	326	237	257	370	1888	366	130	1186	249
User Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
PHF Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
PHF Volume:	478	384	95	326	237	257	370	1888	366	130	1186	249
Reduct Vol:	0	0	0	0	0	0	0	0	0	0	0	0
Reduced Vol:	478	384	95	326	237	257	370	1888	366	130	1186	249
PCE Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
MLF Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
FinalVolume:	478	384	95	326	237	257	370	1888	366	130	1186	249
Saturation Flow Module:												
Sat/Lane:	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900
Adjustment:	0.83	1.00	0.92	0.83	1.00	0.92	0.83	1.00	0.92	0.92	1.00	0.92
Lanes:	2.00	2.00	1.00	2.00	2.00	1.00	2.00	3.00	1.00	1.00	2.00	1.00
Final Sat.:	3150	3800	1750	3150	3800	1750	3150	5700	1750	1750	3800	1750
Capacity Analysis Module:												
Vol/Sat:	0.15	0.10	0.05	0.10	0.06	0.15	0.12	0.33	0.21	0.07	0.31	0.14
Crit Moves:	****			****			****				****	
Green Time:	28.4	28.4	28.4	19.3	19.3	41.3	22.0	65.6	93.9	14.7	58.3	77.7
Volume/Cap:	0.75	0.50	0.27	0.75	0.45	0.50	0.75	0.71	0.31	0.71	0.75	0.26
Delay/Veh:	60.3	51.8	48.9	69.2	58.2	44.2	66.4	31.2	10.3	81.0	37.9	16.8
User DelAdj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
AdjDel/Veh:	60.3	51.8	48.9	69.2	58.2	44.2	66.4	31.2	10.3	81.0	37.9	16.8
LOS by Move:	E	D-	D	E	E+	D	E	C	B+	F	D+	B
HCM2k95thQ:	22	14	8	16	9	17	16	34	13	12	37	11

Note: Queue reported is the number of cars per lane.

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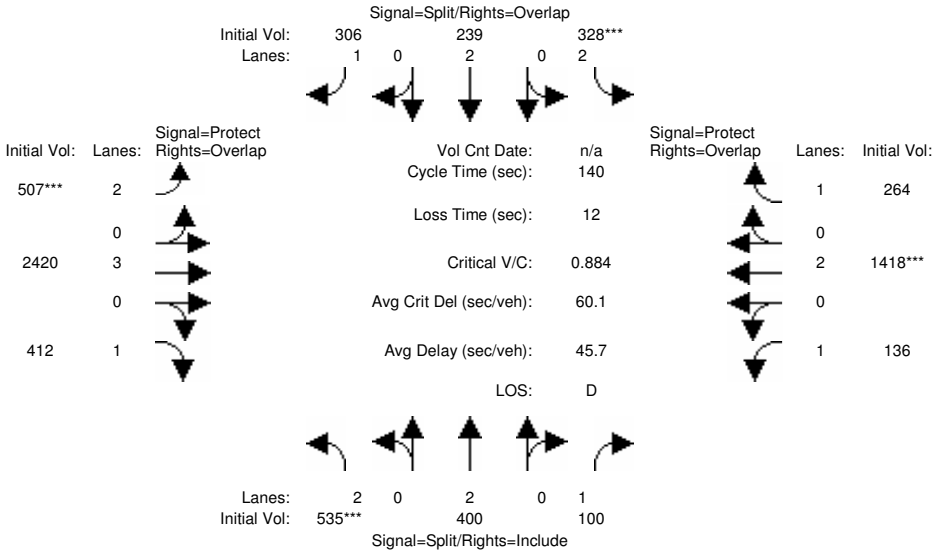
Milpitas Near-Term Cumulative Analysis

Level Of Service Computation Report
2000 HCM Operations (Future Volume Alternative)
Background PM

Intersection #6: Milpitas Blvd. / Calaveras Blvd. [CMP]



Street Name:	Milpitas Blvd.						Calaveras Blvd.					
Approach:	North Bound			South Bound			East Bound			West Bound		
Movement:	L - T - R			L - T - R			L - T - R			L - T - R		
Min. Green:	10	10	10	10	10	10	7	10	10	7	10	10
Volume Module:												
Base Vol:	478	384	95	326	237	257	370	1888	366	130	1186	249
Growth Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Initial Bse:	478	384	95	326	237	257	370	1888	366	130	1186	249
Added Vol:	0	0	0	0	0	0	0	0	0	0	0	0
ATI:	57	16	5	2	2	49	137	532	46	6	232	15
Initial Fut:	535	400	100	328	239	306	507	2420	412	136	1418	264
User Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
PHF Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
PHF Volume:	535	400	100	328	239	306	507	2420	412	136	1418	264
Reduct Vol:	0	0	0	0	0	0	0	0	0	0	0	0
Reduced Vol:	535	400	100	328	239	306	507	2420	412	136	1418	264
PCE Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
MLF Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
FinalVolume:	535	400	100	328	239	306	507	2420	412	136	1418	264
Saturation Flow Module:												
Sat/Lane:	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900
Adjustment:	0.83	1.00	0.92	0.83	1.00	0.92	0.83	1.00	0.92	0.92	1.00	0.92
Lanes:	2.00	2.00	1.00	2.00	2.00	1.00	2.00	3.00	1.00	1.00	2.00	1.00
Final Sat.:	3150	3800	1750	3150	3800	1750	3150	5700	1750	1750	3800	1750
Capacity Analysis Module:												
Vol/Sat:	0.17	0.11	0.06	0.10	0.06	0.17	0.16	0.42	0.24	0.08	0.37	0.15
Crit Moves:	****			****			****				****	
Green Time:	26.9	26.9	26.9	16.5	16.5	42.0	25.5	71.5	98.4	13.1	59.1	75.6
Volume/Cap:	0.88	0.55	0.30	0.88	0.53	0.58	0.88	0.83	0.33	0.83	0.88	0.28
Delay/Veh:	72.1	54.0	50.7	85.8	62.6	46.3	73.6	32.0	8.8	98.9	44.8	18.2
User DelAdj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
AdjDel/Veh:	72.1	54.0	50.7	85.8	62.6	46.3	73.6	32.0	8.8	98.9	44.8	18.2
LOS by Move:	E	D-	D	F	E	D	E	C-	A	F	D	B-
HCM2k95thQ:	27	15	8	17	10	21	21	45	13	13	51	12

Note: Queue reported is the number of cars per lane.

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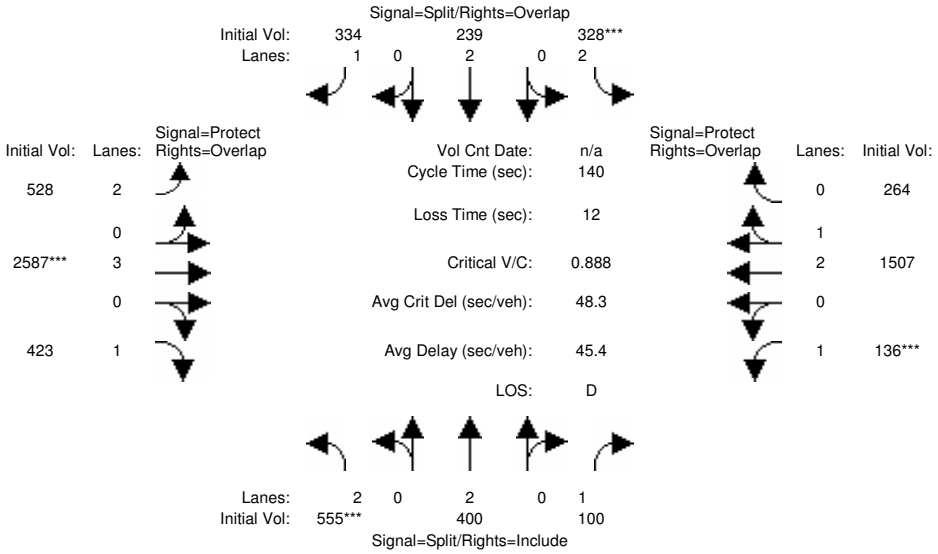
Milpitas Near-Term Cumulative Analysis

Level Of Service Computation Report
2000 HCM Operations (Future Volume Alternative)
Project PM

Intersection #6: Milpitas Blvd. / Calaveras Blvd. [CMP]



Street Name:	Milpitas Blvd.						Calaveras Blvd.					
Approach:	North Bound			South Bound			East Bound			West Bound		
Movement:	L -	T -	R	L -	T -	R	L -	T -	R	L -	T -	R
Min. Green:	10	10	10	10	10	10	7	10	10	7	10	10
Volume Module:												
Base Vol:	535	400	100	328	239	306	507	2420	412	136	1418	264
Growth Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Initial Bse:	535	400	100	328	239	306	507	2420	412	136	1418	264
Added Vol:	20	0	0	0	0	28	21	167	11	0	89	0
PasserByVol:	0	0	0	0	0	0	0	0	0	0	0	0
Initial Fut:	555	400	100	328	239	334	528	2587	423	136	1507	264
User Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
PHF Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
PHF Volume:	555	400	100	328	239	334	528	2587	423	136	1507	264
Reduct Vol:	0	0	0	0	0	0	0	0	0	0	0	0
Reduced Vol:	555	400	100	328	239	334	528	2587	423	136	1507	264
PCE Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
MLF Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
FinalVolume:	555	400	100	328	239	334	528	2587	423	136	1507	264
Saturation Flow Module:												
Sat/Lane:	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900
Adjustment:	0.83	1.00	0.92	0.83	1.00	0.92	0.83	1.00	0.92	0.92	0.99	0.95
Lanes:	2.00	2.00	1.00	2.00	2.00	1.00	2.00	3.00	1.00	1.00	2.54	0.46
Final Sat.:	3150	3800	1750	3150	3800	1750	3150	5700	1750	1750	4764	835
Capacity Analysis Module:												
Vol/Sat:	0.18	0.11	0.06	0.10	0.06	0.19	0.17	0.45	0.24	0.08	0.32	0.32
Crit Moves:	****			****				****		****		
Green Time:	27.8	27.8	27.8	16.4	16.4	45.4	29.0	71.6	99.3	12.3	54.8	71.2
Volume/Cap:	0.89	0.53	0.29	0.89	0.54	0.59	0.81	0.89	0.34	0.89	0.81	0.62
Delay/Veh:	71.7	52.9	49.8	86.5	62.8	43.9	63.2	35.1	8.5	111.0	41.3	25.8
User DelAdj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
AdjDel/Veh:	71.7	52.9	49.8	86.5	62.8	43.9	63.2	35.1	8.5	111.0	41.3	25.8
LOS by Move:	E	D-	D	F	E	D	E	D+	A	F	D	C
HCM2k95thQ:	28	14	8	17	10	22	21	51	13	14	40	31

Note: Queue reported is the number of cars per lane.

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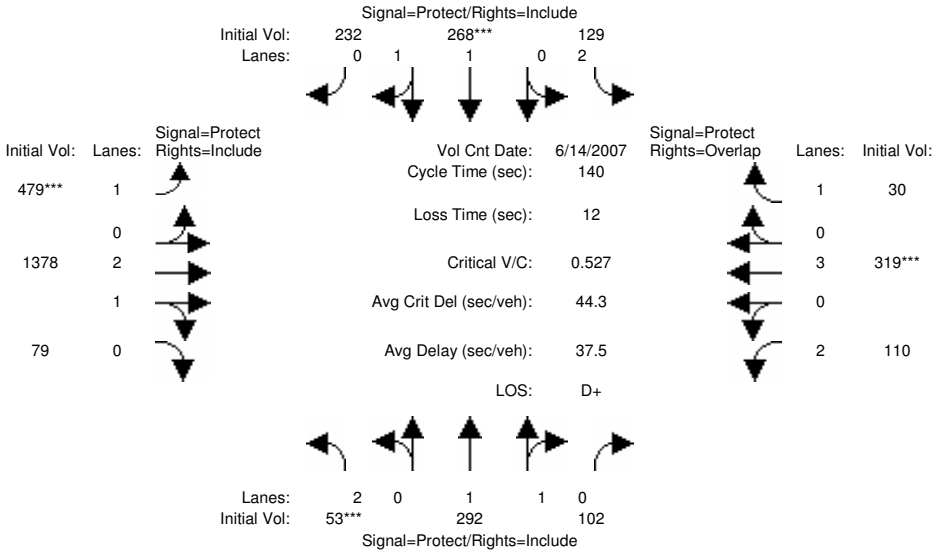
Milpitas Near-Term Cumulative Analysis

Level Of Service Computation Report
2000 HCM Operations (Future Volume Alternative)
Existing PM

Intersection #10: McCarthy Blvd. & Tasman Dr.



Street Name:	McCarthy Blvd.						Tasman Dr.					
Approach:	North Bound			South Bound			East Bound			West Bound		
Movement:	L	T	R	L	T	R	L	T	R	L	T	R
Min. Green:	7	10	10	7	10	10	7	10	10	7	10	10
Volume Module: >> Count Date: 14 Jun 2007 <<												
Base Vol:	53	292	102	129	268	232	479	1378	79	110	319	30
Growth Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Initial Bse:	53	292	102	129	268	232	479	1378	79	110	319	30
Added Vol:	0	0	0	0	0	0	0	0	0	0	0	0
PasserByVol:	0	0	0	0	0	0	0	0	0	0	0	0
Initial Fut:	53	292	102	129	268	232	479	1378	79	110	319	30
User Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
PHF Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
PHF Volume:	53	292	102	129	268	232	479	1378	79	110	319	30
Reduct Vol:	0	0	0	0	0	0	0	0	0	0	0	0
Reduced Vol:	53	292	102	129	268	232	479	1378	79	110	319	30
PCE Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
MLF Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
FinalVolume:	53	292	102	129	268	232	479	1378	79	110	319	30
Saturation Flow Module:												
Sat/Lane:	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900
Adjustment:	0.83	0.98	0.95	0.83	1.00	0.95	0.92	0.98	0.95	0.83	1.00	0.92
Lanes:	2.00	1.47	0.53	2.00	1.05	0.95	1.00	2.83	0.17	2.00	3.00	1.00
Final Sat.:	3150	2741	958	3150	1982	1716	1750	5296	304	3150	5700	1750
Capacity Analysis Module:												
Vol/Sat:	0.02	0.11	0.11	0.04	0.14	0.14	0.27	0.26	0.26	0.03	0.06	0.02
Crit Moves:	****				****		****				****	
Green Time:	7.0	28.7	28.7	13.5	35.2	35.2	71.2	72.0	72.0	13.8	14.6	28.0
Volume/Cap:	0.34	0.52	0.52	0.43	0.54	0.54	0.54	0.51	0.51	0.35	0.54	0.09
Delay/Veh:	69.9	52.0	52.0	63.9	47.6	47.6	25.6	23.0	23.0	62.0	63.0	46.0
User DelAdj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
AdjDel/Veh:	69.9	52.0	52.0	63.9	47.6	47.6	25.6	23.0	23.0	62.0	63.0	46.0
LOS by Move:	E	D-	D-	E	D	D	C	C+	C+	E	E	D
HCM2k95thQ:	3	14	14	7	17	17	25	23	23	6	9	3

Note: Queue reported is the number of cars per lane.

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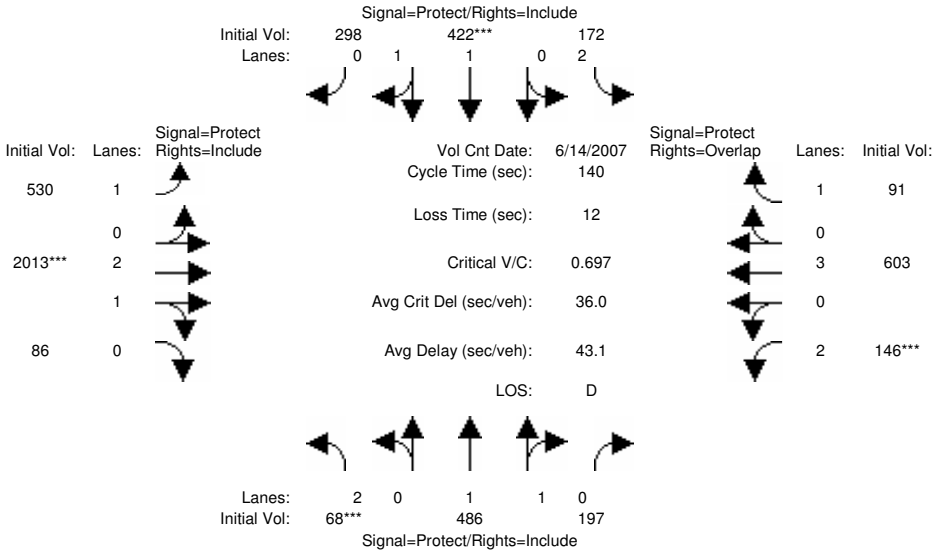
Milpitas Near-Term Cumulative Analysis

Level Of Service Computation Report
2000 HCM Operations (Future Volume Alternative)
Background PM

Intersection #10: McCarthy Blvd. & Tasman Dr.



Street Name:	McCarthy Blvd.						Tasman Dr.					
Approach:	North Bound			South Bound			East Bound			West Bound		
Movement:	L	T	R	L	T	R	L	T	R	L	T	R
Min. Green:	7	10	10	7	10	10	7	10	10	7	10	10
Volume Module: >> Count Date: 14 Jun 2007 <<												
Base Vol:	53	292	102	129	268	232	479	1378	79	110	319	30
Growth Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Initial Bse:	53	292	102	129	268	232	479	1378	79	110	319	30
Added Vol:	0	0	0	0	0	0	0	0	0	0	0	0
ATI:	15	194	95	43	154	66	51	635	7	36	284	61
Initial Fut:	68	486	197	172	422	298	530	2013	86	146	603	91
User Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
PHF Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
PHF Volume:	68	486	197	172	422	298	530	2013	86	146	603	91
Reduct Vol:	0	0	0	0	0	0	0	0	0	0	0	0
Reduced Vol:	68	486	197	172	422	298	530	2013	86	146	603	91
PCE Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
MLF Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
FinalVolume:	68	486	197	172	422	298	530	2013	86	146	603	91
Saturation Flow Module:												
Sat/Lane:	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900
Adjustment:	0.83	0.98	0.95	0.83	0.99	0.95	0.92	0.98	0.95	0.83	1.00	0.92
Lanes:	2.00	1.41	0.59	2.00	1.15	0.85	1.00	2.87	0.13	2.00	3.00	1.00
Final Sat.:	3150	2632	1067	3150	2167	1531	1750	5370	229	3150	5700	1750
Capacity Analysis Module:												
Vol/Sat:	0.02	0.18	0.18	0.05	0.19	0.19	0.30	0.37	0.37	0.05	0.11	0.05
Crit Moves:	****				****			****			****	
Green Time:	7.0	34.9	34.9	10.3	38.3	38.3	61.3	73.6	73.6	9.1	21.4	31.7
Volume/Cap:	0.43	0.74	0.74	0.74	0.71	0.71	0.69	0.71	0.71	0.71	0.69	0.23
Delay/Veh:	73.0	53.7	53.7	82.5	50.2	50.2	36.8	26.7	26.7	83.2	60.6	45.5
User DelAdj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
AdjDel/Veh:	73.0	53.7	53.7	82.5	50.2	50.2	36.8	26.7	26.7	83.2	60.6	45.5
LOS by Move:	E	D-	D-	F	D	D	D+	C	C	F	E	D
HCM2k95thQ:	4	24	24	11	25	25	32	37	37	8	15	7

Note: Queue reported is the number of cars per lane.

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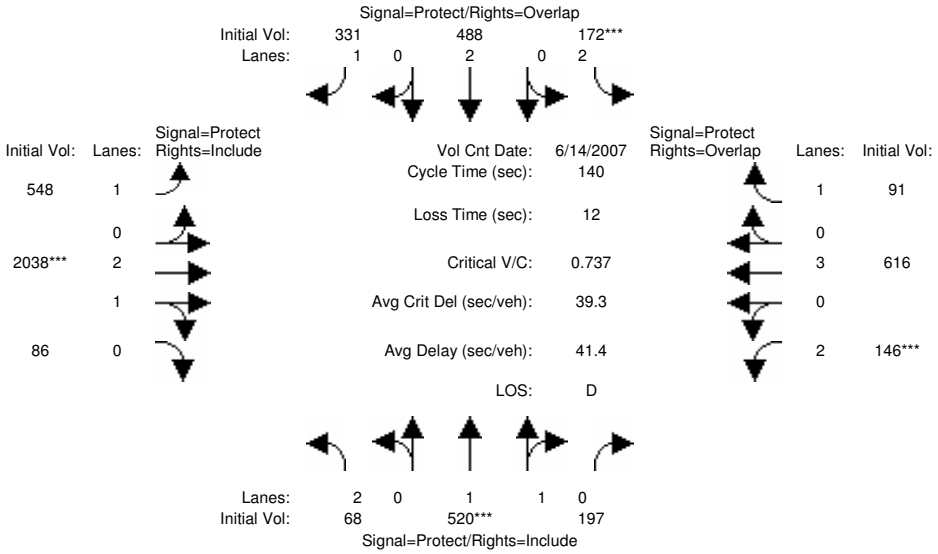
Milpitas Near-Term Cumulative Analysis

Level Of Service Computation Report
2000 HCM Operations (Future Volume Alternative)
Project PM

Intersection #10: McCarthy Blvd. & Tasman Dr.



Street Name:	McCarthy Blvd.						Tasman Dr.					
Approach:	North Bound			South Bound			East Bound			West Bound		
Movement:	L	T	R	L	T	R	L	T	R	L	T	R
Min. Green:	7	10	10	7	10	10	7	10	10	7	10	10
Volume Module: >> Count Date: 14 Jun 2007 <<												
Base Vol:	68	486	197	172	422	298	530	2013	86	146	603	91
Growth Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Initial Bse:	68	486	197	172	422	298	530	2013	86	146	603	91
Added Vol:	0	34	0	0	66	33	18	25	0	0	13	0
PasserByVol:	0	0	0	0	0	0	0	0	0	0	0	0
Initial Fut:	68	520	197	172	488	331	548	2038	86	146	616	91
User Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
PHF Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
PHF Volume:	68	520	197	172	488	331	548	2038	86	146	616	91
Reduct Vol:	0	0	0	0	0	0	0	0	0	0	0	0
Reduced Vol:	68	520	197	172	488	331	548	2038	86	146	616	91
PCE Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
MLF Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
FinalVolume:	68	520	197	172	488	331	548	2038	86	146	616	91
Saturation Flow Module:												
Sat/Lane:	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900
Adjustment:	0.83	0.98	0.95	0.83	1.00	0.92	0.92	0.98	0.95	0.83	1.00	0.92
Lanes:	2.00	1.44	0.56	2.00	2.00	1.00	1.00	2.87	0.13	2.00	3.00	1.00
Final Sat.:	3150	2683	1016	3150	3800	1750	1750	5373	227	3150	5700	1750
Capacity Analysis Module:												
Vol/Sat:	0.02	0.19	0.19	0.05	0.13	0.19	0.31	0.38	0.38	0.05	0.11	0.05
Crit Moves:		****		****				****		****		
Green Time:	13.2	36.8	36.8	10.4	34.0	94.0	60.1	72.0	72.0	8.8	20.7	31.1
Volume/Cap:	0.23	0.74	0.74	0.74	0.53	0.28	0.73	0.74	0.74	0.74	0.73	0.23
Delay/Veh:	60.5	52.2	52.2	82.2	48.3	9.9	39.4	28.3	28.3	86.0	62.5	46.1
User DelAdj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
AdjDel/Veh:	60.5	52.2	52.2	82.2	48.3	9.9	39.4	28.3	28.3	86.0	62.5	46.1
LOS by Move:	E	D-	D-	F	D	A	D	C	C	F	E	D
HCM2k95thQ:	4	25	25	11	16	11	34	39	39	8	16	7

Note: Queue reported is the number of cars per lane.

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APPENDIX D:
IMMEDIATE ACTION LIST

Congestion Management Program
Deficiency Plan Guidelines
Immediate Implementation Action List

A. Bicycle and Pedestrian Actions

A-2.....Bike Lockers, Racks, and Facilities at Transit Centers
A-3.....Improve Roadside Bicycle Facilities
A-4.....Improve Pedestrian Facilities

B. Public Transit

B-3.....Shuttle
B-8.....Bus Stop Improvements

C. Carpooling, Bus Pooling, Van Pooling, Taxi Pooling

(All actions on deferred list, pending adoption of the Countywide Deficiency Plan.)

D. High Occupancy Vehicle (HOV) Facilities

(All actions on deferred list, pending adoption of the Countywide Deficiency Plan.)

E. Transportation Demand Management (TDM) Programs

E-2.....Public Information Programs

F. Traffic Flow Improvements

F-2.....Peak-Hour Parking and Delivery Restrictions
F-3.....Traffic Signal Timing and Synchronization Program
F-4.....Traffic Flow Improvements in Urban Areas

G. Site Design Guidelines for New Development

G-1.....HOV Parking Preference Program
G-2.....Bike Facilities at Development Projects
G-3.....Building Orientation Placement at Employment Sites
G-4.....Pedestrian Circulation System
G-5.....Bike Storage at Residential Development Projects
G-6.....Shuttle Service (New Development)
G-7.....Transit Stop Improvements
G-8.....Multi-Tenant Complex TDM Program

H. Land-Use Program

(All actions on deferred list, pending adoption of the Countywide Deficiency Plan.)

APPENDIX E:
SITE ACCESS AND DRIVEWAY OPERATIONS (FORTHCOMING)

APPENDIX F:
INTERIM CUMULATIVE TRIP GENERATION ESTIMATES

Table 1
Landmark Tower Trip Generation Estimates

				Trip Generation Rates			Trip Generation Estimates						
								AM Peak Hour			PM Peak Hour		
Land Use	**Rate**	**Size**		**Daily**	**AM Peak Hour**	**PM Peak Hour**	**Daily**	**In**	**Out**	**Total**	**In**	**Out**	**Total**
Retail	Specialty/Strip	148,805	s.f.	40.00	1.20	3.60	5,952	107	72	179	268	268	536
						Housing-Retail Reduction (13% off Retail AM):		*-14*	*-9*	*-23*			
						Housing-Retail Reduction (13% off Residential PM):	*-390*				*-12*	*-27*	*-39*
						Employment-Retail Reduction (3% off Office):	*-29*	*0*	*-4*	*-4*	*-3*	*-1*	*-4*
						Diverted Link Trips (25% off Retail):	*-1,488*	*-23*	*-22*	*-45*	*-67*	*-66*	*-133*
						Subtotal:	***5,952***	***70***	***37***	***107***	***186***	***174***	***360***
Office	Standard	48,960	s.f.	20.00	2.80	2.60	979	123	14	137	25	102	127
						Housing-Employment Reduction (3% off Office):	*-29*	*-4*	*0*	*-4*	*-1*	*-3*	*-4*
						Employment-Retail Reduction (3% off Office):	*-29*	*-4*	*0*	*-4*	*-1*	*-3*	*-4*
						Subtotal:	***921***	***115***	***14***	***129***	***23***	***96***	***119***
Residential	Condominium	375	d.u.	8.00	0.64	0.80	3,000	48	192	240	210	90	300
						Housing-Employment Reduction (3% off Office):	*-29*	*0*	*-4*	*-4*	*-3*	*-1*	*-4*
						Housing-Retail Reduction (13% off Retail AM):		*-9*	*-14*	*-23*			
						Housing-Retail Reduction (13% off Residential PM):	*-390*				*-27*	*-12*	*-39*
						Subtotal:	***2,581***	***39***	***174***	***213***	***180***	***77***	***257***
						Total Net New Trips	***9,454***	***224***	***225***	***449***	***389***	***347***	***736***

Notes:
Trip generation rates from SANDAG.
Mixed-use reductions per VTA guidelines.

Table 4
Future Trip Generation

			Trip Generation Rates							Trip Estimates						
				AM Peak Hour			PM Peak Hour				AM Peak Hour			PM Peak Hour		
	SANDAG Land Use	Size	Rate	In	Out	% of Rate	In	Out	% of Rate	Daily	In	Out	Total	In	Out	Total
Retail	Community Shopping Center	*12.8 ksf*	160.00				0.50	0.50	0.10	2,048	0	0	0	98	66	164
	Housing-Retail Reduction (13% off Retail PM):									*-266*				*-13*	-8	*-21*
	Diverted Link Trips (25% off Retail):									*-512*				*-25*	*-16*	*-41*
	Subtotal:									1,270	0	0	0	60	42	102
Residential	Townhomes/Condo	*900.0 du*	8.00	0.20	0.80	0.08	0.70	0.30	0.10	7,200	115	461	576	504	216	720
	Housing-Retail Reduction (13% off Retail PM):									*-266*				*-8*	*-13*	*-21*
	Subtotal:									6,934	115	461	576	496	203	699
Total		*175.0 ksf*								*8,204*	***115***	***461***	***576***	***556***	***245***	***801***

Milpitas - Peery-Arrillaga
Trip Generation Rates and Estimates

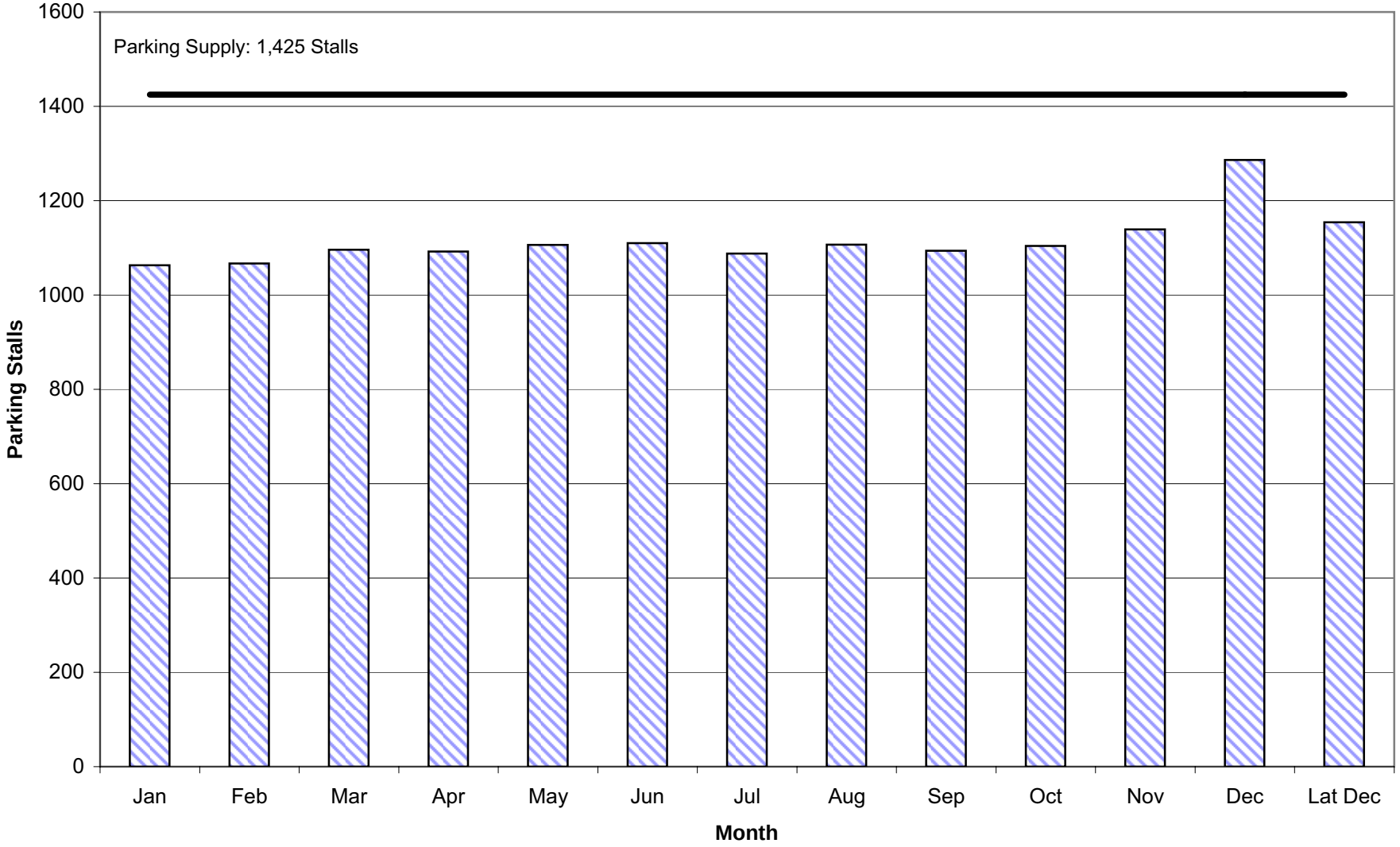
			Trip Generation Rates							Trip Generation Estimates						
				AM Peak Hour			PM Peak Hour				AM Peak Hour			PM Peak Hour		
Land Use	**Size**		**Daily**	**In**	**Out**	**Total**	**In**	**Out**	**Total**	**Daily**	**In**	**Out**	**Total**	**In**	**Out**	**Total**
Proposed Office[1]	238	ksf	14.00	1.89	0.21	2.10	0.42	1.68	2.10	3,338	451	50	501	100	401	501
Location near Light Rail Reduction (3%)										*100*	*14*	*2*	*15*	*3*	*12*	*15*
									Subtotal:	*3,238*	*437*	*49*	*486*	*97*	*389*	*486*

Notes:

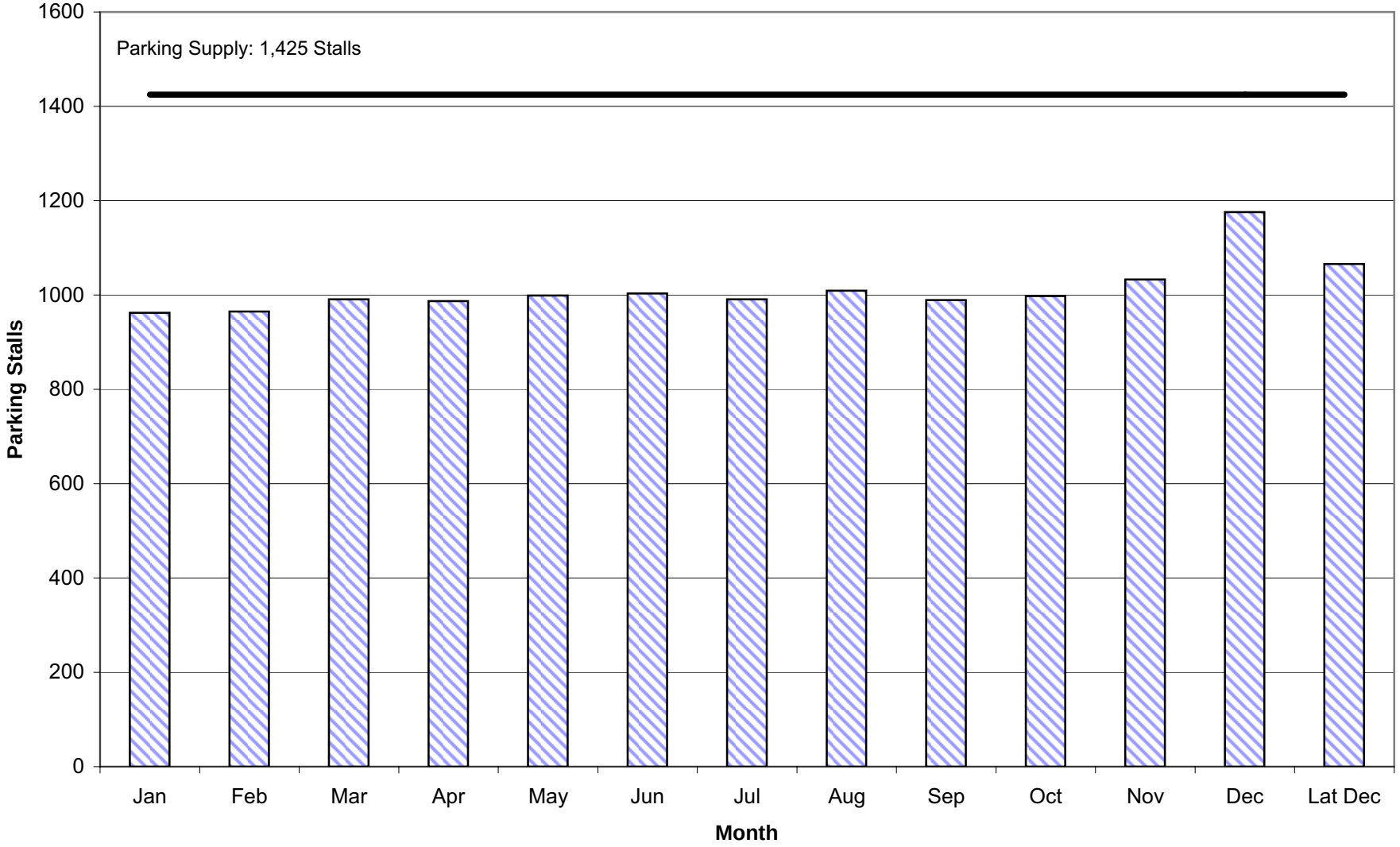
1. SANDAG Single Tenant Office rates used for total project buildout.

APPENDIX G:
SHARED PARKING GRAPHS

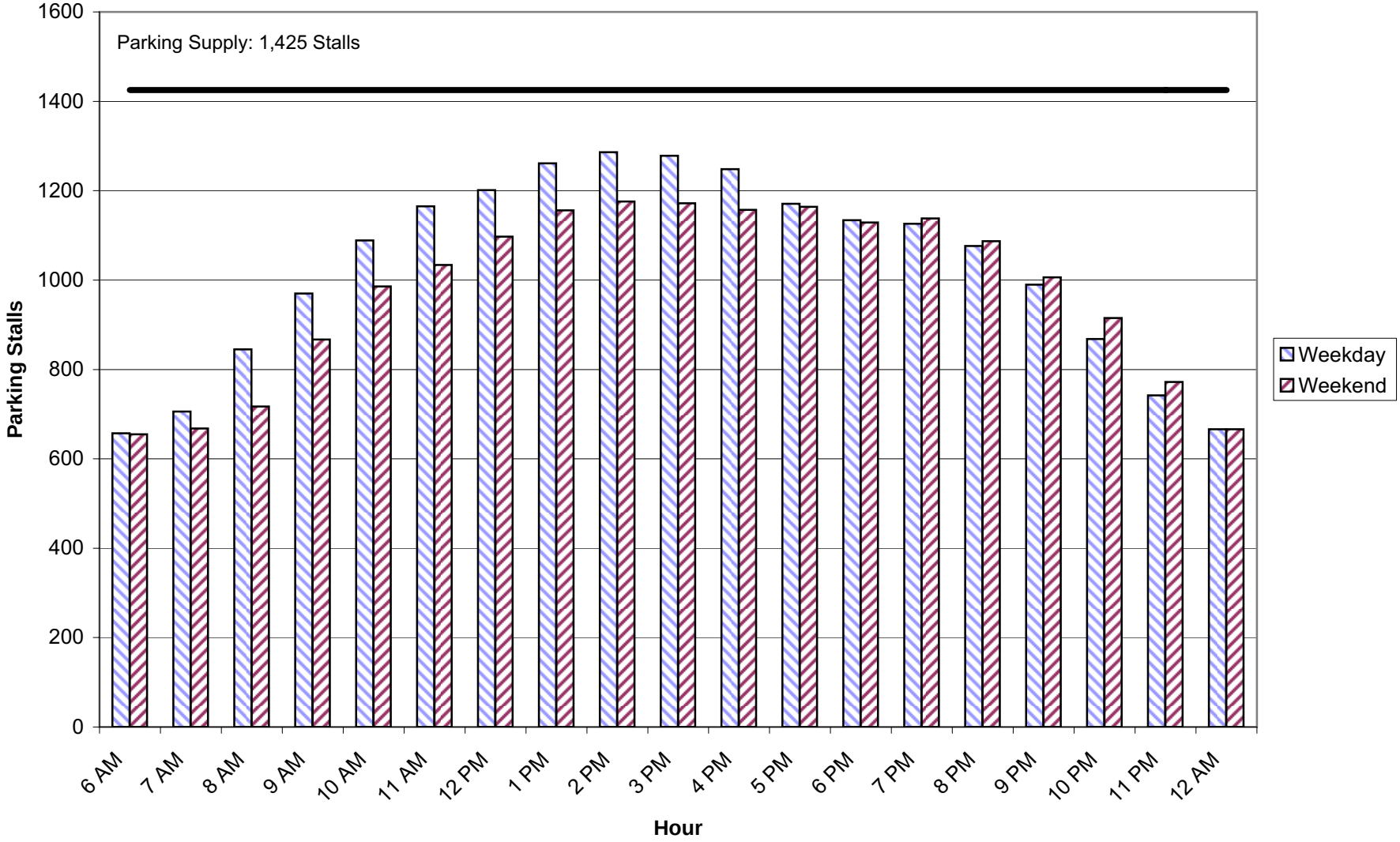
WEEKDAY MONTH-BY-MONTH ESTIMATED PARKING DEMAND



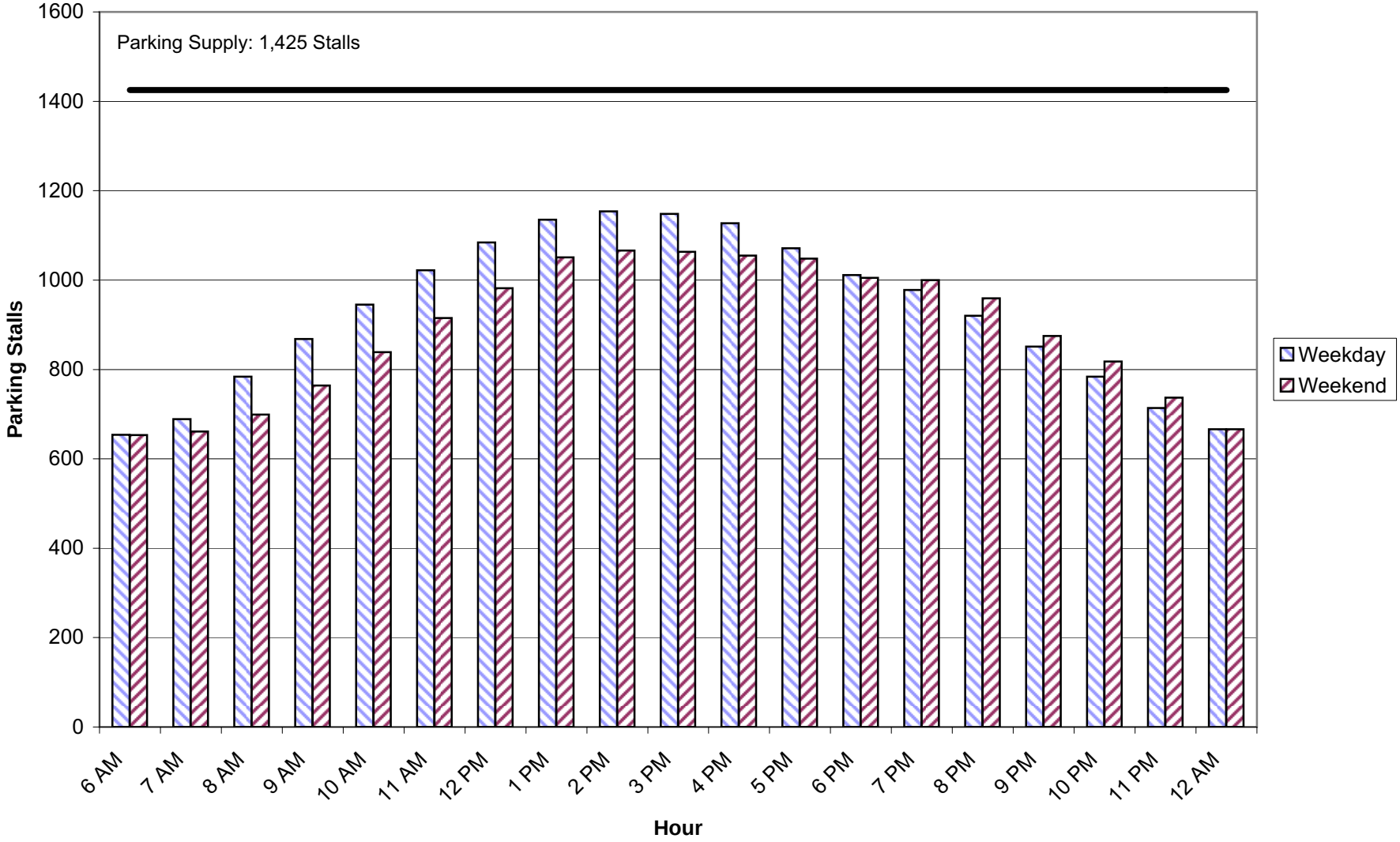
WEEKEND MONTH-BY-MONTH ESTIMATED PARKING DEMAND



DECEMBER DAILY PARKING DEMAND BY HOUR



LATE DECEMBER DAILY PARKING DEMAND BY HOUR



APPENDIX B

ENVIRONMENTAL NOISE IMPACT ASSESSMENT

600 BARBER LANE
ENVIRONMENTAL NOISE ASSESSMENT
MILPITAS, CALIFORNIA

October 23, 2006
Revised April 16, 2007

◆ ◆ ◆

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Job No.: 06-138

Introduction
This report presents the results of the noise assessment conducted for the proposed mixed-use high-rise building located at 600 Barber Lane in Milpitas, California. This assessment presents the fundamentals of environmental noise, provides a discussion of policies and standards applicable to the project, presents the results of measurements conducted at the site, and provides an evaluation of the potential significance of impacts resulting from the project.

Fundamentals of Environmental Noise
Noise is defined as unwanted sound. Airborne sound is a rapid fluctuation of air pressure above and below atmospheric pressure. Sound levels are usually measured and expressed in decibels (dB) with 0 dB corresponding roughly to the threshold of hearing. Decibels and other technical terms are defined in Table 1.

Most of the sounds which we hear in the environment do not consist of a single frequency, but rather a broad band of frequencies, with each frequency differing in sound level. The intensities of each frequency add together to generate a sound. The method commonly used to quantify environmental sounds consists of evaluating all of the frequencies of a sound in accordance with a weighting that reflects the facts that human hearing is less sensitive at low frequencies and extreme high frequencies than in the frequency mid-range. This is called "A" weighting, and the decibel level so measured is called the A-weighted sound level (dBA). In practice, the level of a sound source is conveniently measured using a sound level meter that includes an electrical filter corresponding to the A-weighting curve. Typical A-weighted levels measured in the environment and in industry are shown in Table 2 for different types of noise.

Although the A-weighted noise level may adequately indicate the level of environmental noise at any instant in time, community noise levels vary continuously. Most environmental noise includes a conglomeration of noise from distant sources which create a relatively steady background noise in which no particular source is identifiable. To describe the time-varying character of environmental noise, the statistical noise descriptors, L_{01}, L_{10}, L_{50}, and L_{90}, are commonly used. They are the A-weighted noise levels equaled or exceeded during 1%, 10%, 50%, and 90% of a stated time period. A single number descriptor called the L_{eq} is also widely used. The L_{eq} is the average A-weighted noise level during a stated period of time.

In determining the daily level of environmental noise, it is important to account for the difference in response of people to daytime and nighttime noises. During the nighttime, exterior background noises are generally lower than the daytime levels. However, most household noise also decreases at night and exterior noise becomes very noticeable. Further, most people sleep at night and are very sensitive to noise intrusion. To account for human sensitivity to nighttime noise levels, a descriptor, DNL (day/night average sound level), was developed. The DNL divides the 24-hour day into the daytime of 7:00 AM to 10:00 PM and the nighttime of 10:00 PM to 7:00 AM. The nighttime noise level is weighted 10 dB higher than the daytime noise level. The Community Noise Equivalent Level (CNEL) is another 24-hour average which includes both an evening and nighttime weighting.

Table 1: Definitions of Acoustical Terms Used in this Report

Term	Definitions
Decibel, dB	A unit describing, the amplitude of sound, equal to 20 times the logarithm to the base 10 of the ratio of the pressure of the sound measured to the reference pressure. The reference pressure for air is 20.
Sound Pressure Level	Sound pressure is the sound force per unit area, usually expressed in micro Pascals (or 20 micro Newtons per square meter), where 1 Pascal is the pressure resulting from a force of 1 Newton exerted over an area of 1 square meter. The sound pressure level is expressed in decibels as 20 times the logarithm to the base 10 of the ratio between the pressures exerted by the sound to a reference sound pressure (e.g., 20 micro Pascals). Sound pressure level is the quantity that is directly measured by a sound level meter.
Frequency, Hz	The number of complete pressure fluctuations per second above and below atmospheric pressure. Normal human hearing is between 20 Hz and 20,000 Hz. Infrasonic sound are below 20 Hz and Ultrasonic sounds are above 20,000 Hz.
A-Weighted Sound Level, dBA	The sound pressure level in decibels as measured on a sound level meter using the A-weighting filter network. The A-weighting filter de-emphasizes the very low and very high frequency components of the sound in a manner similar to the frequency response of the human ear and correlates well with subjective reactions to noise.
Equivalent Noise Level, Leq	The average A-weighted noise level during the measurement period.
L_{max}, L_{min}	The maximum and minimum A-weighted noise level during the measurement period.
L_{01}, L_{10}, L_{50}, L_{90}	The A-weighted noise levels that are exceeded 1%, 10%, 50%, and 90% of the time during the measurement period.
Day/Night Noise Level, L_{dn} or DNL	The average A-weighted noise level during a 24-hour day, obtained after addition of 10 decibels to levels measured in the night between 10:00 pm and 7:00 am.
Community Noise Equivalent Level, CNEL	The average A-weighted noise level during a 24-hour day, obtained after addition of 5 decibels in the evening from 7:00 pm to 10:00 pm and after addition of 10 decibels to sound levels measured in the night between 10:00 pm and 7:00 am.
Ambient Noise Level	The composite of noise from all sources near and far. The normal or existing level of environmental noise at a given location.
Intrusive	That noise which intrudes over and above the existing ambient noise at a given location. The relative intrusiveness of a sound depends upon its amplitude, duration, frequency, and time of occurrence and tonal or informational content as well as the prevailing ambient noise level.

Table 2: Typical Noise Levels in the Environment

Common Outdoor Noise Source	Noise Level (dBA)	Common Indoor Noise Source
	120 dBA	
Jet fly-over at 300 meters		Rock concert
	110 dBA	
Pile driver at 20 meters	100 dBA	
		Night club with live music
	90 dBA	
Large truck pass by at 15 meters		
	80 dBA	Noisy restaurant
		Garbage disposal at 1 meter
Gas lawn mower at 30 meters	70 dBA	Vacuum cleaner at 3 meters
Commercial/Urban area daytime		Normal speech at 1 meter
Suburban expressway at 90 meters	60 dBA	
Suburban daytime		Active office environment
	50 dBA	
Urban area nighttime		Quiet office environment
	40 dBA	
Suburban nighttime		
Quiet rural areas	30 dBA	Library
		Quiet bedroom at night
Wilderness area	20 dBA	
Most quiet remote areas	10 dBA	Quiet recording studio
Threshold of human hearing	0 dBA	Threshold of human hearing

Fundamentals of Groundborne Vibration

Ground vibration consists of rapidly fluctuating motions or waves with an average motion of zero. Several different methods are typically used to quantify vibration amplitude. One is the Peak Particle Velocity (PPV) and another is the Root Mean Square (RMS) velocity. The PPV is defined as the maximum instantaneous positive or negative peak of the vibration wave. The RMS velocity is defined as the average of the squared amplitude of the signal. The PPV and RMS vibration velocity amplitudes are used to evaluate human response to vibration. In this section, a PPV descriptor with units of mm/sec. or in/sec. is used to evaluate construction generated vibration for building damage and human complaints. Table 3 displays the reactions of people and the effects on buildings that continuous vibration levels produce.

The annoyance levels shown in Table 3 should be interpreted with care since vibration may be found to be annoying at much lower levels than those shown, depending on the level of activity or the sensitivity of the individual. To sensitive individuals, vibrations approaching the threshold of perception can be annoying.

Low-level vibrations frequently cause irritating secondary vibration, such as a slight rattling of windows, doors or stacked dishes. The rattling sound can give rise to exaggerated vibration complaints, even though there is very little risk of actual structural damage. In high noise environments, which are more prevalent where groundborne vibration approaches perceptible levels, this rattling phenomenon may also be produced by loud airborne environmental noise causing induced vibration in exterior doors and windows.

Table 3: Reaction of People and Damage to Buildings for Continuous Vibration Levels[1]

Velocity Level, PPV (in/sec)	Human Reaction	Effect on Buildings
0.006 to 0.019	Threshold of perception, Possibility of intrusion	Vibration unlikely to cause damage of any type
0.08	Vibrations readily perceptible	Recommended upper level of the vibration to which ruins and ancient monuments should be subjected
0.10	Level at which continuous vibrations begin to annoy people	Virtually no risk of “architectural” damage to normal buildings
0.20	Vibrations annoying to people in buildings	Threshold at which there is a risk of “architectural” damage to normal dwellings such as plastered walls or ceilings.
0.4 to 0.6	Vibrations considered unpleasant by people subjected to continuous vibrations	Vibration at this level would cause “architectural” damage and possibly minor structural damage.

[1] A Survey of Traffic Induced Vibrations, Whiffen and Leonard, Transport and Road Research Laboratory, RRL Report LR418, Crowthorne, Berkshire, England, 1971.

Regulatory Background
The State of California and the City of Milpitas have established plans and policies designed to limit noise exposure at noise sensitive land uses. These plans and policies are contained in the following documents: (1) the State CEQA Guidelines, Appendix G, (2) the California Building Code, (3) the City of Milpitas Noise Element of the General Plan, (4) the City of Milpitas Municipal Code, and (5) Groundborne vibration guidelines.

(1) California Environmental Quality Act (CEQA)
Under the California Environmental Quality Act (CEQA), noise impacts would be considered significant if the project would result in:

a) Exposure of persons to or generation of noise levels in excess of standards established in the local general plan or noise ordinance, or applicable standards of other agencies;

b) Exposure of persons to or generation of excessive ground-borne vibration or ground-borne noise levels;

c) A substantial permanent increase in ambient noise levels in the project vicinity above levels existing without the project;

d) A substantial temporary or periodic increase in ambient noise levels in the project vicinity above levels existing without the project;

e) For a project located within an airport land use plan or where such a plan has not been adopted within two miles of a public airport or public use airport, if the project would expose people residing or working in the project area to excessive noise levels;

f) For a project within the vicinity of a private airstrip, if the project would expose people residing or working in the project area to excessive noise levels.

Of these guidelines, items (a), (b), (c), and (d) are applicable to the proposed project. Guidelines (e) and (f) are not applicable because the project is not located in the vicinity of a private or public airport or airstrip.

CEQA does not define what noise level increase would be considered substantial. Typically, an increase in the L_{dn} noise level resulting from the project at noise sensitive land uses of 3 dBA or greater would be considered a significant impact when projected noise levels would exceed those considered acceptable for the affected land use. An increase of 5 dBA or greater would be considered a significant impact when projected noise levels would remain within those considered acceptable for the affected land use.

(2) 2001 California Building Code
Title 24, Appendix Chapter 12, Section 1208A.8.2 of the California Building Code, which is applicable to multi-family and attached dwellings, specifies that interior noise levels attributable to exterior noise sources shall not exceed 45 dB DNL or CNEL in any habitable room.

(3) City of Milpitas General Plan
The Noise Element of the City of Milpitas' General Plan identifies noise and land use compatibility standards for various land uses. The City's goal is to, "maintain land use compatibility with noise levels similar to those set by State guidelines" and to "minimize unnecessary, annoying, or injurious noise." Policies presented in the Noise Element applicable to this project are as follows:

Policy 6-I-1. Use the guidelines in Table 6-1 (Noise and Land Use Compatibility, not shown) as review criteria for development projects. *Table 6-1 specifies that for multi-family residential uses, exterior noise levels of up to 65 dBA DNL would be considered normally acceptable, noise levels of 60 to 70 dBA DNL would be considered conditionally acceptable, noise levels of 70 to 75 dBA DNL would be considered normally unacceptable, and noise levels exceeding 75 dBA DNL would be considered clearly unacceptable.*

Policy 6-I-2. Require an acoustical analysis for projects located within a "conditionally acceptable" or "normally unacceptable" exterior noise exposure area. Require mitigation measures to reduce noise to acceptable levels.

Policy 6-I-3. Prohibit new construction where the exterior noise exposure is considered "clearly unacceptable" for the use proposed.

Policy 6-I-4. Where actual or projected rear yard and exterior common open space noise exposure exceeds the “normally acceptable” levels for new single-family and multifamily residential projects, use mitigation measures to reduce sound levels in those areas to acceptable levels.

Policy 6-I-5. All new residential development (single family and multifamily) and lodging facilities must have interior noise levels of 45 dB DNL or less. Mechanical ventilation will be required where use of windows for ventilation will result in higher than 45 dB DNL interior noise levels.

Policy 6-I-7. Avoid residential DNL exposure increases of more than 3 dB or more than 65 dB at the property line, whichever is more restrictive.

Policy 6-I-9. Enforce the provisions of the City of Milpitas Noise Ordinance and the use of established truck routes.

Policy 6-I-11. Minimize noise impacts on neighbors caused by commercial and industrial projects.

(4) City of Milpitas Municipal Code

The Public Heath, Safety, and Welfare Chapter of the City of Milpitas Municipal Code includes the following criteria that would be applicable to the project:

V-213-3 (b). Unlawful to Create or Permit Disturbing Noise, Site Construction Regulations
No person shall engage or permit others to engage in construction of any building or related road or walkway, pool or landscape improvement or in the construction operations related thereto, including, delivery of construction materials, supplies, or improvements on or to a construction site except within the hours of 7:00 a.m. to 7:00 p.m. on weekdays and weekends. No construction work shall be conducted or performed on the holidays indicated in Section V-213-2-2.05 of this chapter.

(5) Groundborne Vibration.

There are no local, state, or federal vibration impact criteria that are applicable to this project. The California Department of Transportation uses a vibration limit of 12.7 mm/sec (0.5 inches/sec), ppv for buildings structurally sound and designed to modern engineering standards. A conservative vibration limit of 5 mm/sec (0.2 inches/sec), ppv has been used for buildings that are found to be structurally sound but structural damage is a major concern. For historic buildings or buildings that are documented to be structurally weakened, a conservative limit of 2 mm/sec (0.08 inches/sec), ppv is often used to provide the

highest level of protection. All of these limits have been used successfully and compliance to these limits has not been known to result in appreciable structural damage. All vibration limits referred to herein apply on the ground level and take into account the response of structural elements (i.e. walls and floors) to ground-borne excitation.

Existing Noise Environment

The project site is located at 600 Barber Lane, west of Interstate 880 in Milpitas, California. Interstate 880 and two highway ramps adjoin the site to the east. The off-ramp that is located closest to the site is elevated on-structure, allowing direct line of sight to I-880. The project is adjoined to the north, south, and west by commercial, retail, and office uses. Interstate 880 traffic dominates the noise environment. Traffic noise from Barber Lane acts as a local noise source. Due to the complexity of the freeway on-ramp configurations and the height of the proposed units in upper stories of the high-rise tower, future noise levels were modeled using SoundPlan 6.4 (discussed under Future Noise Environment). Two long-term noise measurements were conducted at representative ground level positions for use in calibrating the model and to measure the daily trend in noise levels throughout the daytime and nighttime hours. Noise measurement locations are shown on Figure 1.

Figure 1: Noise Measurement Locations

Long-term noise measurement LT-1 was made from August 1-3, 2006 at a distance of about 50 feet from the centerline of Barber Lane, and about 12 feet above the surrounding ground. The location was partially shielded from Interstate 880 by the existing structure on the project site. The primary noise sources at this location were I-880, which acts as a constant ambient background noise source, and Barber Lane, which generates more intermittent noise levels that were closer to the noise measurement position. The day-night average noise level over the course of the measurement period was 65 dBA DNL. Daytime noise levels typically ranged from 61 to 64 dBA L_{eq}, but were raised as high as 68 dBA L_{eq} during the 6:00 pm hour on August 1st and the 12:00 pm hour on August 2nd. During the early morning, noise levels dropped as low as 52 to 53 dBA L_{eq}. The daily trend in noise levels at LT-1 is shown in Figure 2.

Long-term noise measurement LT-2 was made from August 1-3, 2006 at a distance of about 200 feet from the centerline of I-880, and about 10 feet above the surrounding ground. An elevated freeway ramp was located adjacent to the measurement location, but did not block line-of-sight between the microphone and I-880. The day-night average noise level over the course of the measurement period was 80 dBA

DNL. Daytime noise levels typically ranged from 73 to 77 dBA L_{eq} and noise levels dropped to a low of 68 to 69 dBA L_{eq} in the early morning. The daily trend in noise levels at LT-2 is shown in Figure 3.

Future Noise Environment

The project proposes the construction of a mixed-use high-rise tower with upper level residential units. The project geometry, roadway characteristics, and sound wall properties were input into SoundPLAN 6.4 to calculate future noise levels at proposed upper level common areas and across the proposed building facades. SoundPlan is a three-dimensional ray tracing program that takes into account the characteristics of the noise source, the locations of the receiving points where sound levels are calculated, and conditions in the sound transmission path that affect sound propagation primarily including ground absorption and the effects of intervening barriers or topography. Hard ground was assumed for this analysis. Area topography and roadway elevations were input from as-built AutoCAD files provided by the Santa Clara Valley Transportation Authority. The project geometry, including building and receiver locations, was based on information from the project plans[2] and topography maps available on Google Earth. Highway traffic data was based on information available from Caltrans[3]. Local traffic volumes were supplied by Fehr & Peers Transportation Consultants (September 2006). Due to the ramped parking garage design, the garage structure would be anticipated to act as an effective acoustical barrier and was modeled as a solid structure. Noise measurements conducted during the noise monitoring survey were used to calibrate the model. Exterior noise levels at the proposed courtyard, garage rooftop, and tower rooftop gardens are mapped in Figure 4 and exterior noise levels for unit facades are summarized in Table 4. Figure 5 indicates the receiver locations used to calculate the façade exposures in Table 4.

Table 4: Summary of Exterior Noise Exposure at Residential Unit Facades

Noise Levels Outside Center of Indicated Façade, dBA DNL							
Floor	Outer Tower Façade, Facing				Courtyard Façade, Facing		
	Northeast	Northwest	Southeast	Southwest	Northeast	Northwest	Southeast
5th	*	70	71	64	53	54	53
6th	*	70	71	63	53	54	54
7th	*	70	71	63	54	55	56
8th	*	70	71	63	54	56	57
9th	74	70	71	63	55	56	59
10th	76	70	71	63	55	58	61
11th	76	70	71	62	56	60	63
12th	76	70	72	62	57	62	64
13th	76	70	72	62	58	64	65
14th	76	70	72	62	60	66	67
15th	76	70	72	62	61	68	68
16th	76	70	72	61	63	68	69
17th	76	70	72	61	65	69	69
18th	76	70	72	61	66	69	70

*Residential façade is shielded by garage structure.

[2] Landmark Tower of Milpitas, LPMD Architects, February 23, 2007.

[3] Traffic and Vehicle Data Systems Unit, State of California, Department of Transportation, 2005.

Figure 2: Daily Trend in Noise Levels at LT-1

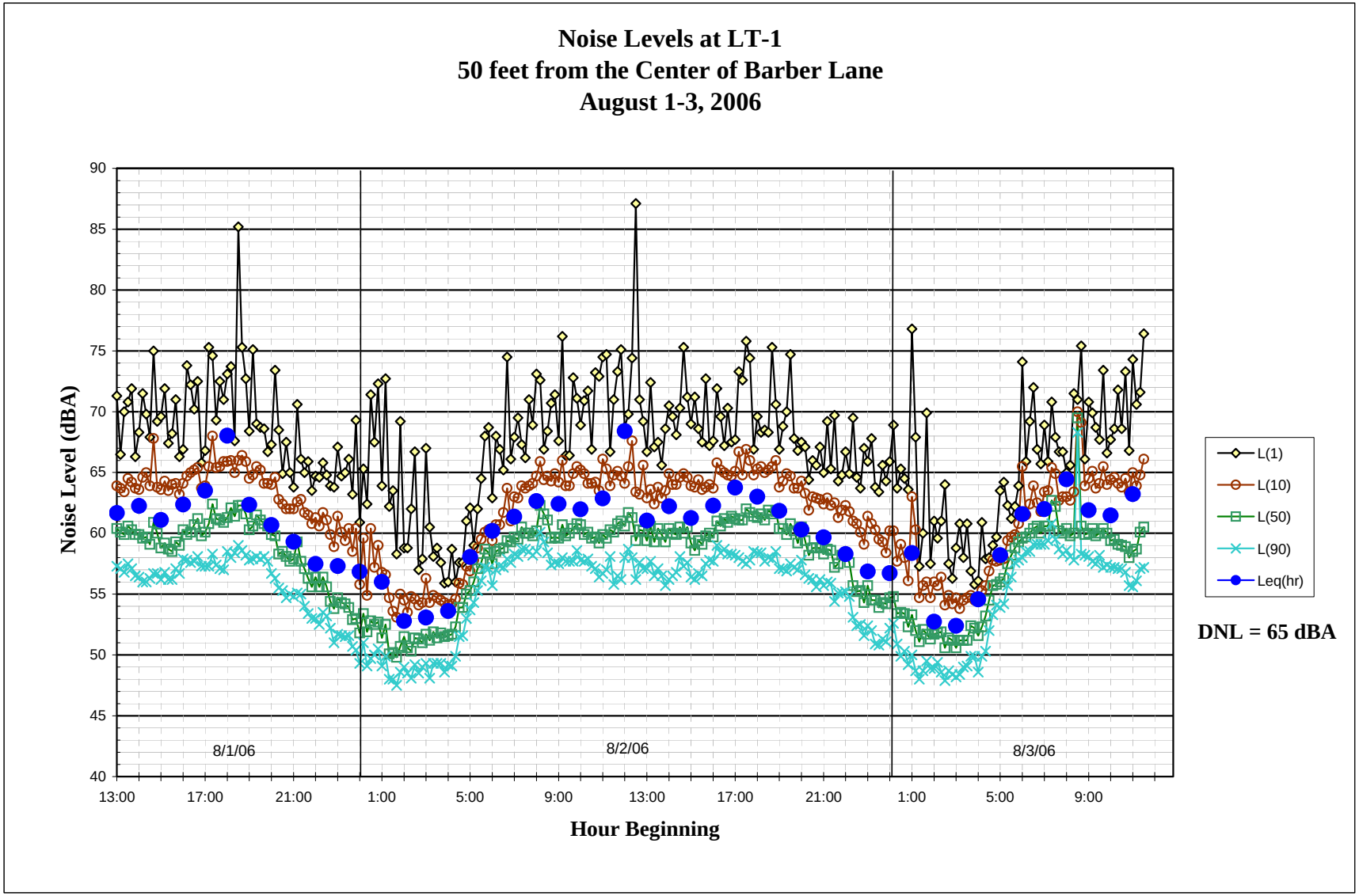


Figure 3: Daily Trend in Noise Levels at LT-2

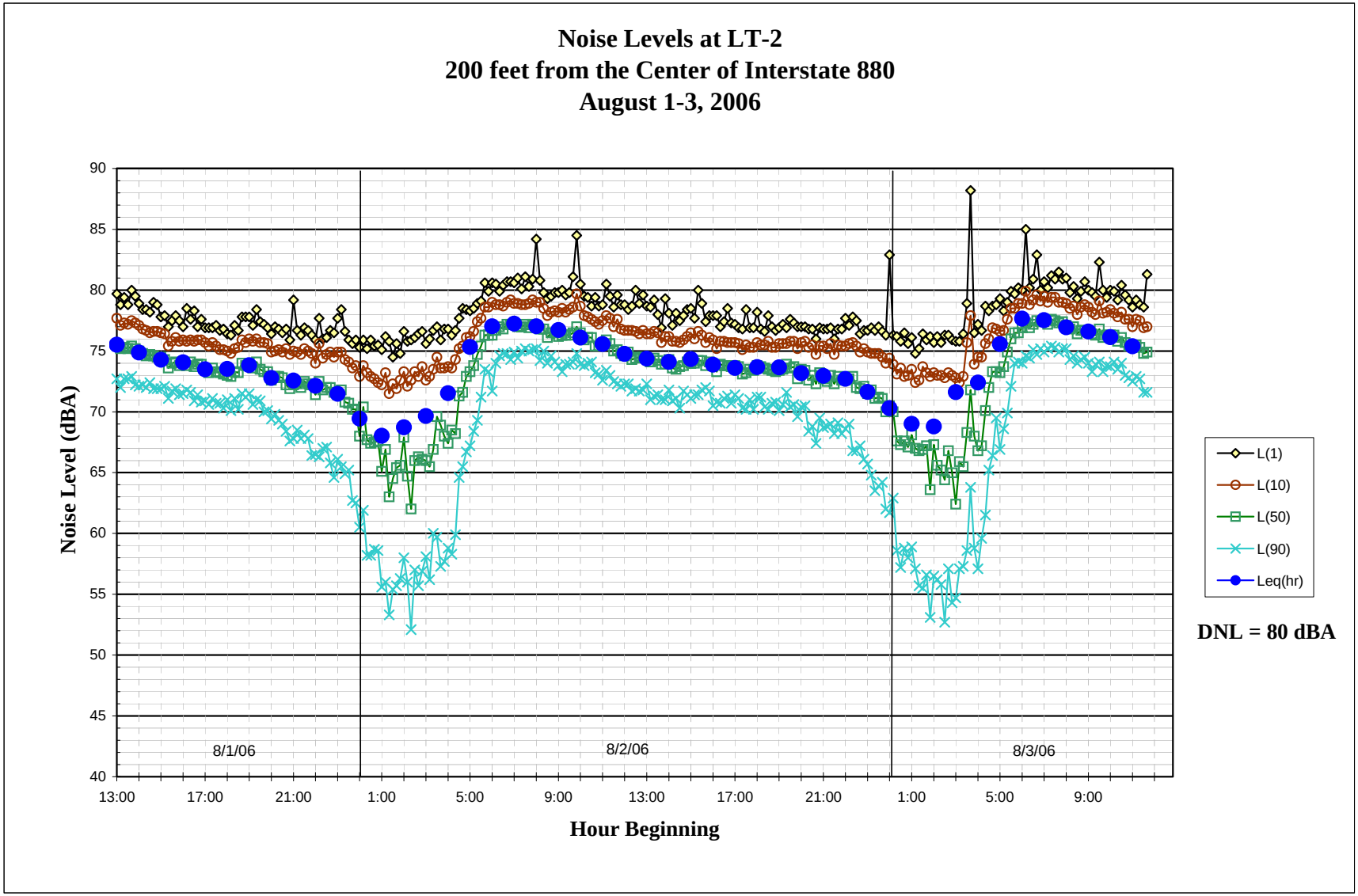
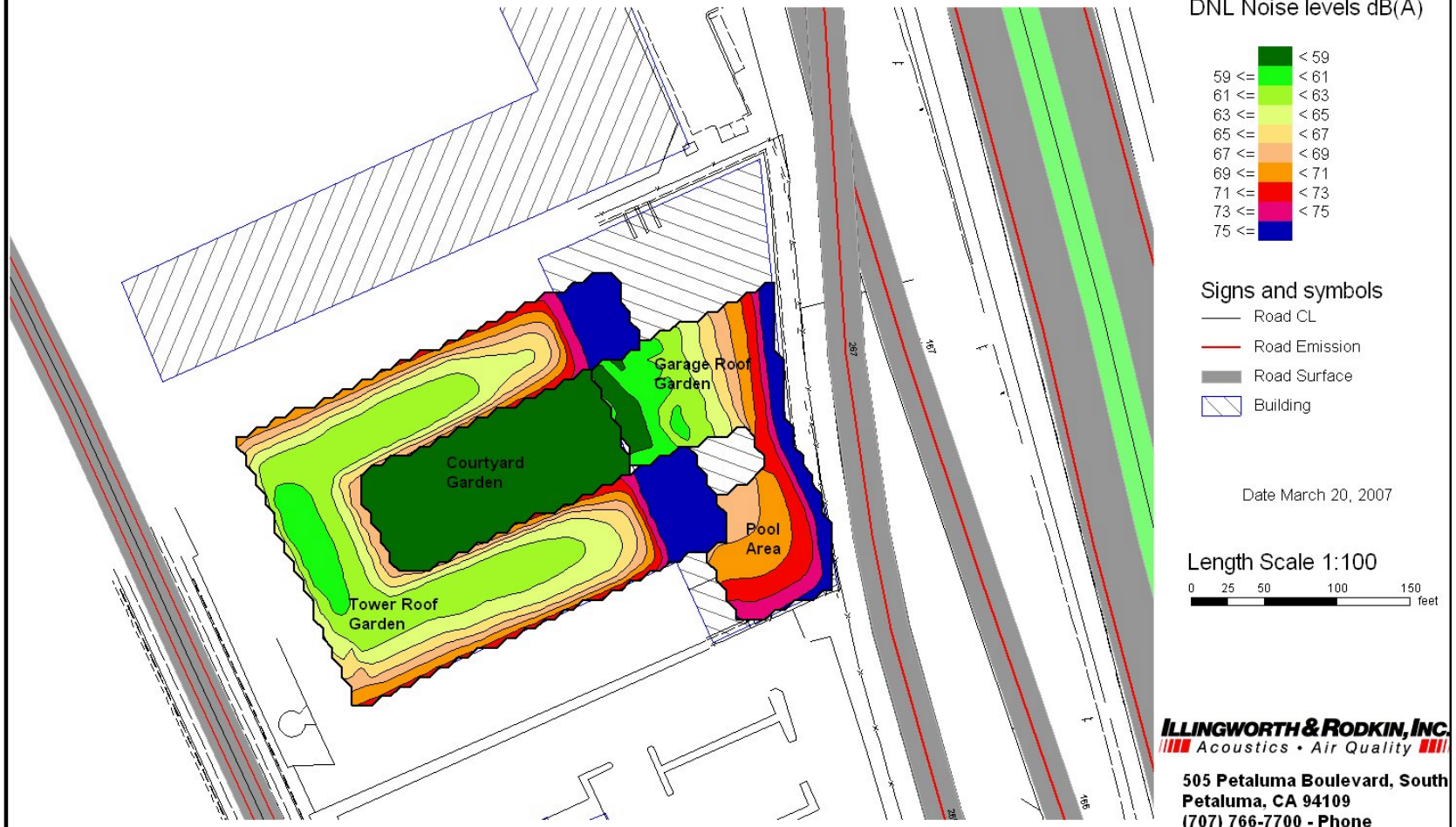


Figure 4: 600 Barber Lane - Courtyard and Rooftop Garden Noise Contours

Noise Contours for the Proposed Courtyard, Garage Rooftop, and Tower Rooftop Gardens



Courtyard Garden Noise Levels are Shown at 5th Floor Exposure
Garage Roof Garden and Pool Area Noise Levels are Shown at 7th Floor Exposure
Tower Roof Garden Noise Levels are Shown at 19th Floor Exposure

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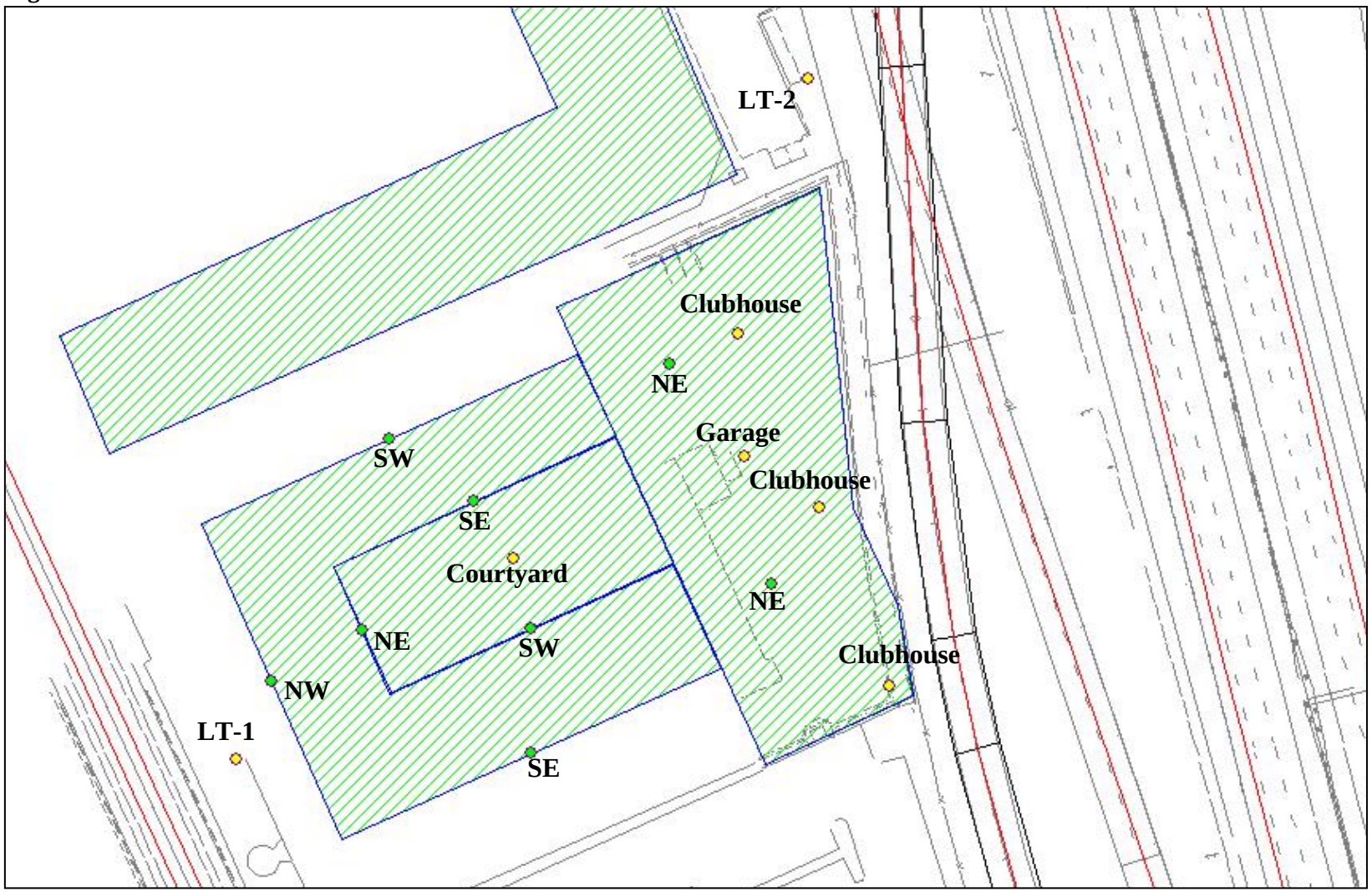
Figure 5: Receiver Locations in SoundPLAN 6.4 Traffic Noise Model



NOISE IMPACTS AND MITIGATION MEASURES

Significance Criteria

The following significance criteria are used in this report to evaluate the significance of noise impacts:

1. **Noise and Land Use Compatibility.** If proposed residential uses are exposed to a DNL in excess of City or State noise and land use compatibility guidelines, the impact would be considered significant (65 dBA DNL for exterior common use areas and 45 dBA DNL for interior residential uses);

2. **Project Generated Traffic Noise.** If project traffic were to increase noise levels at noise sensitive areas by more than 3 dBA DNL, the impact would be considered significant;

3. **Project Operational Noise.** If project operations were to increase noise levels at noise sensitive areas by more than 3 dBA DNL, the impact would be considered significant;

4. **Construction Noise.** Construction noise impacts would be considered significant when the duration of the noise-generating activities last for more than one year and hourly average noise levels received at the nearby commercial land uses is anticipated to disrupt indoor activities.

5. **Construction Vibration.** Construction vibration impacts would be considered significant when construction activities are anticipated to generate a peak vertical particle velocity of 0.50 inches/sec, ppv at adjacent commercial structures (assumed to be structurally sound) or lower if highly vibration sensitive uses are identified adjoining the site.

Impact 1: **Noise and Land Use Compatibility.** The project site is located in an area that exceeds 65 dBA DNL. **This is a potentially significant impact.**

The project would include an 8 story parking garage and an 18 story mixed-use tower, with three levels of below grade parking, four floors of retail and office space and 14 stories of upper level residences. Parking and commercial uses would be considered compatible with the noise environment. Private use balconies and rooftop terraces are proposed for most building floors. A courtyard garden area is proposed for the 5th floor as part of the project for residential use and a rooftop garden, which would include an outdoor pool and spa and an enclosed clubhouse, is proposed above the garage. A rooftop garden is also proposed above the residential tower. Exterior noise guidelines are not typically applicable to small private uses such as upper level balconies. Future noise levels at the three common use areas and outside residential facades were calculated in SoundPLAN 6.4, as discussed previously. Exterior noise levels at the proposed courtyard and rooftop gardens are mapped in Figure 4 and exterior noise levels for unit facades are summarized in Table 4.

Exterior Use Areas

Based on the results of the traffic noise model, exterior noise levels would be below 60 dBA DNL throughout the courtyard garden area, which is well shielded from I-880 by the project structure. Noise levels on the majority of the tower rooftop garden would be less than 65 dBA DNL, with higher noise levels on the portions of the garden closest to the freeway to the east. The garage rooftop garden and pool/spa area would receive partial acoustical shielding from the clubhouses structures located alongside these outdoor use areas. The central and western portions of the rooftop garden would be 65 dBA DNL or less, with higher noise levels towards east. Noise levels in the pool/spa area would exceed the 65 dBA DNL criteria. Noise barrier modeling calculated only small noise reductions with the inclusion of a noise barrier along the perimeter of the garage rooftop garden and pool/spa area. A 6-foot high barrier was found to reduce noise levels by about 1 dBA and a 12-foot high barrier was found to reduce noise levels

by about 2 dBA. Noise levels would continue to exceed 65 dBA DNL in portions of the garage rooftop gardens and throughout the pool/spa area, even with the construction of a 12-foot high barrier around the perimeter of the roof. Without relocating the clubhouse structures to significantly shield the pool area from freeway traffic noise, noise levels could not reasonably be reduced to 65 dBA DNL or less. However, all residents would have access to the courtyard garden, the tower rooftop garden, and the western portion of the garage rooftop garden, which would meet the 65 dBA DNL criteria, and to the enclosed clubhouse, discussed below.

Interior Noise Levels

Proposed residential unit facades would be exposed to exterior noise levels of up to 76 dBA DNL. The eastern facing façade of the enclosed bar & lounge area of the clubhouse would be exposed to an exterior noise level of about 78 dBA DNL. The restrooms, exercise, and fitness areas would not be considered noise sensitive. While the clubhouse is not technically considered to be a residential structure, it is included as part of a residential project to be used by occupants of the adjacent units. Therefore, it is recommended that the 45-dBA DNL interior noise standard be applied to noise sensitive areas within the clubhouse, as well as to the residential units themselves (as required by City and State standards). Where exterior day-night average noise levels are less than 65 to 70 dBA DNL, interior noise level can typically be maintained below City and State standards (45 dBA DNL) with the incorporation of forced air mechanical ventilation systems in residential units. Where noise levels exceed 65 to 70 dBA DNL, forced-air mechanical ventilation systems and sound-rated construction would be required. Based on the traffic noise modeling results, all residential units on the exterior portion of the tower and courtyard facing units on the 10th floor and above would be exposed to exterior noise levels of 60 dBA DNL or higher and would require forced-air mechanical ventilation to meet the 45 dBA DNL criteria. Residential units on the outer northwest, northeast, and southeast facing facades and courtyard units on the 13th floor and above would be exposed to exterior noise levels of 65 dBA DNL or higher and could also require sound-rated construction. Exterior noise levels at the northeastern facing residential façade would be considered clearly unacceptable and could require construction materials and methods with high sound ratings to meet the standards. The clubhouse would be exposed to exterior noise levels of 78 dBA DNL or higher and would also require forced-air mechanical ventilation and construction materials and methods with high sound ratings. Specifications of window and wall systems shall be determined during the final design stage of the project when building elevations and floor plans are available.

Mitigation 1: The following mitigation measures shall be included in the project to reduce the impact to a less-than-significant level:

1. Building design and treatments to ensure compliance with State and City noise standards. A project-specific acoustical analyses would be required by the City of Milpitas to insure that interior noise levels will be reduced to 45 dBA DNL or lower. Building sound insulation requirements would need to include the provision of forced-air mechanical ventilation for all outer facing residential units, courtyard facing units on the 10th floor and higher, and noise sensitive areas with the clubhouse (i.e., bar & lounge area), so that windows could be kept closed at the occupant's discretion to control noise. Special building construction techniques may be required for outer northwest, northeast, and southeast facing facades, courtyard units on the 13th floor and above, and noise sensitive areas of the clubhouse. These treatments could include sound rated windows and doors, sound rated wall constructions, acoustical caulking, etc. Results of the analysis, including the description of the necessary noise control treatments, would be submitted to the City along with the building plans and approved prior to issuance of a building permit. Feasible construction techniques such as these would adequately reduce interior noise levels to 45 dBA DNL or lower.

2. A qualified acoustical consultant should review final site plans, building elevations, and floor plans prior to the issuance of a building permit to calculate expected interior and exterior noise levels and ensure compliance with City policies and State noise regulations.

Impact 2: **Project Generated Traffic Noise.** Project generated traffic would not significantly increase traffic noise levels along roadways in noise sensitive areas. **This is a less-than-significant impact.**

The nearest noise sensitive uses, in the form of single-family residences, are located to the east of Interstate 880 and about 1300 feet from the project site. Residences are also located east of I-880 both to the north across E. Calaveras Boulevard (about 3,000 feet from the site) and to the south across Great Mall Parkway (about 2,500 feet from the site). Based on traffic volumes supplied by Fehr & Peers Transportation Consultants (March 2007), noise levels would not significantly increase at these nearby noise sensitive receptors (increase is calculated to be 1 dBA or less).

Mitigation 2: None Recommended

Impact 3: **Project Operational Noise.** Noise associated with the operation of the project is not anticipated to be audible at noise sensitive uses. **This is a less-than-significant impact.**

High-rise multi-use structures typically include various mechanical equipment such as air conditioners, exhaust fans, and air handling equipment for the underground parking levels. Truck deliveries for the project commercial uses would also have the potential to generate noise. The project site is not in close proximity to any noise sensitive uses (the closest residences are located across I-880 from the project site). In addition, the project site is located in an area that is dominated by freeway traffic noise. Therefore, noise-generating activities associated with the operation of the project are not anticipated to be audible at noise sensitive uses.

Mitigation 3: None Recommended

Impact 4: **Construction Noise.** During project construction, businesses in the vicinity of the site would be intermittently exposed to high noise levels. **This is considered a potentially significant short-term noise impact.**

Construction of the project would involve site improvements such as the establishment of utilities, removal of existing pavement, substantial excavation to create the underground garage level and to lay foundations, building erection, paving, and landscaping. Pile driving could be used to construct the foundation. Noise impacts from construction activities depend on the various pieces of construction equipment, the timing and length of noise generating activities, the distance between the noise generating construction activities and receptors that would be affected by the noise, and shielding. Construction activities for individual projects are typically carried out in stages. During each stage of construction, there would be a different mix of equipment operating. Construction noise levels would vary by stage and vary within stages based on the amount of equipment in operation and location where the equipment is operating. Typical construction noise levels at a distance of 50 feet are shown in Tables 5 and 6. Table 5 shows the average noise level ranges by construction phase and Table 6 shows the maximum noise level ranges for different construction equipment. Most demolition and construction noise is in the range of 80 to 90 dBA at a distance of 50 feet from the source.

Table 5: Typical Ranges of Energy Equivalent Construction Noise Levels at 50 Feet, L_{eq} in dBA

	Domestic Housing		Office Building, Hotel, Hospital, School, Public Works		Industrial Parking Garage, Religious Amusement & Recreations, Store, Service Station		Public Works Roads & Highways, Sewers, and Trenches	
	I	**II**	**I**	**II**	**I**	**II**	**I**	**II**
Ground Clearing	83	83	84	84	84	83	84	84
Excavation	88	75	89	79	89	71	88	78
Foundations	81	81	78	78	77	77	88	88
Erection	81	65	87	75	84	72	79	78
Finishing	88	72	89	75	89	74	84	84

I - All pertinent equipment present at site.
II - Minimum required equipment present at site.

Source: U.S.E.P.A., Legal Compilation on Noise, Vol. 1, p. 2-104, 1973.

Table 6: Construction Equipment 50-foot Noise Emission Limits

Equipment Category	L_{max} Level (dBA)[1,2]	Impact/Continuous
Arc Welder	73	Continuous
Auger Drill Rig	85	Continuous
Backhoe	80	Continuous
Bar Bender	80	Continuous
Boring Jack Power Unit	80	Continuous
Chain Saw	85	Continuous
Compressor[3]	70	Continuous
Compressor (other)	80	Continuous
Concrete Mixer	85	Continuous
Concrete Pump	82	Continuous
Concrete Saw	90	Continuous
Concrete Vibrator	80	Continuous
Crane	85	Continuous
Dozer	85	Continuous
Excavator	85	Continuous
Front End Loader	80	Continuous
Generator	82	Continuous
Generator (25 KVA or less)	70	Continuous
Gradall	85	Continuous
Grader	85	Continuous
Grinder Saw	85	Continuous
Horizontal Boring Hydro Jack	80	Continuous
Hydra Break Ram	90	Impact
Impact Pile Driver	105	Impact
Insitu Soil Sampling Rig	84	Continuous
Jackhammer	85	Impact
Mounted Impact Hammer (hoe ram)	90	Impact
Paver	85	Continuous
Pneumatic Tools	85	Continuous
Pmps	77	Continuous
Rock Drill	85	Continuous
Scraper	85	Continuous

Slurry Trenching Machine	82	Continuous
Soil Mix Drill Rig	80	Continuous
Street Sweeper	80	Continuous
Tractor	84	Continuous
Truck (dump, delivery)	84	Continuous
Vacuum Excavator Truck (vac-truck)	85	Continuous
Vibratory Compactor	80	Continuous
Vibratory Pile Driver	95	Continuous
All other equipment with engines larger than 5 HP	85	Continuous

[1] Measured at 50 feet from the construction equipment, with a "slow" (1 sec.) time constant.
[2] Noise limits apply to total noise emitted from equipment and associated components operating at full power while engaged in its intended operation.
[3] Portable Air Compressor rated at 75 cfm or greater and that operates at greater than 50 psi.

The highest noise levels would be generated during grading, excavation, and foundation construction. The erection of large buildings from steel structures can also cause considerable noise for fairly long durations and would not typically be shielded by the surrounding structures. Jackhammers typically generate maximum noise levels of 85 dBA at a distance of 50 feet. Large pieces of earth-moving equipment, such as graders, scrapers, and bulldozers, generate maximum noise levels of 85 to 90 dBA at a distance of 50 feet. Pile driving can produce very high noise levels of about 105 dBA at 100 feet. Mat slab construction would generate lower noise levels than pile driving activities, but would introduce a large number of trucks into the construction area.

Commercial uses are located to the north, west, and south of the project area. During construction, noise levels would be elevated at these nearby businesses. Due to the proximity of the site to Interstate 880, existing ambient noise levels at the site are high. Daytime noise levels at adjacent uses are estimated to range from 74 to 77 dBA L_{eq} in areas adjacent to and in line-of-sight with I-880 to about 62 dBA L_{eq} in areas that are well shielded and located west of the freeway. There are no noise sensitive exterior uses in the vicinity of the project site. Noise levels are typically about 30 dBA lower inside commercial structures, which are anticipated to be fully ventilated with windows normally closed. Average exterior noise levels at 100 feet from the more typical construction activity at this site would range from 70 to 80 dBA during busy construction periods. These noise levels drop off at a rate of about 6 dBA per doubling of distance between the noise source and receptor. Noise levels inside adjacent commercial structures could reach 40 to 50 dBA during busy construction periods and could reach 75 dBA during pile driving activities. Most construction activities would typically be similar to or below noise levels generated by activities within these uses (i.e., conversations, ambient music, etc.). Pile-driving activities would generate noise levels that would be anticipated to disturb occupants, but activities would be intermittent and over a short duration within the overall construction schedule. To reduce noise impacts from construction, a series of best practices are provided.

Mitigation 4: Construction equipment should be well maintained and used judiciously to be as quiet as practical. With the implementation of the following measures, this impact would be reduced to a less-than-significant level:

1. Utilize 'quiet' models of air compressors and other stationary noise sources where technology exists;

2. Prohibit all unnecessary idling of internal combustion engines and equip all internal combustion engine-driven equipment with mufflers, which are in good condition and appropriate for the equipment;

3. Locate all stationary noise-generating equipment, such as air compressors and portable power generators, as far away as possible from businesses or noise-sensitive land uses;

4. Notify all adjacent land uses of the construction schedule in writing;

5. Designate a disturbance coordinator, responsible for responding to complaints about construction noise. The name and telephone number of the disturbance coordinator shall be posted at the construction site and made available to businesses, residences or noise-sensitive land uses adjacent to the construction site;

6. If pile driving is necessary, pre-drill foundation pile holes to minimize the number of impacts required to seat the pile; and

7. If pile driving is necessary, when possible the project shall work with the owners and managers of adjacent commercial uses to select days and times to conduct pile-driving activities that would minimize the impact on these uses.

Impact 5: **Construction Vibration.** Businesses in the vicinity of the project could be exposed to construction related vibration during the excavation and foundation work of the project, particularly if pile driving is used as a construction method. **This is considered a potentially significant impact.**

Construction activities would include demolition of existing pavement, site preparation work, excavation of below the grade garage level, foundation work, possible pile driving, and new building erection. Removal of the existing pavement could last several weeks and at times may produce substantial vibration. Excavation for the underground level would also occur and pile driving could be used for building foundation support. Use of pile drivers and to a lesser extent other construction equipment would generate vibration levels in the vicinity of the project site which could be perceptible to nearby occupants and could have the potential to cause structural and/or architectural damage to adjoining structures.

Past studies have established a peak vertical particle velocity of 0.20 inches/sec, ppv from pile driving activities as the limit where vibration would begin to annoy people in buildings and at which there is a risk of 'architectural' damage to normal dwellings such as plastered walls or ceilings. A vibratory limit of 0.50 inches/sec, ppv is established by the California Department of Transportation as the limit at which structurally sound buildings are at risk for structural damage.

A shopping center and commercial/retail uses adjoin the site to the north and south. The shopping center structure to the north is located less than 20 feet from the project site and the commercial structure to the south is located about 75 feet from the project site. Pile driving, if used, has the potential of generating the highest ground vibration levels and is of primary concern to structural and architectural damage. Other project construction activities, such as drilling, the use of jackhammers, rock drills and other high-power or vibratory tools, and rolling stock equipment (tracked vehicles, compactors, etc.) may also potentially generate vibration in the immediate vicinity, but would not be anticipated to cause structural or architectural damage to buildings. Erection of the building structure is not anticipated to be a source of substantial vibration with the exception of sporadic events such as dropping of heavy objects, which should be avoided to the extent possible.

Vibration levels generated by construction activities would vary depending on project conditions such as soil conditions, construction methods, and equipment used. Based on past studies[4], at a distance of 50 feet impact pile drivers typically generate vibration levels of 0.48 inches/sec, ppv and vibratory pile drivers typically generate vibration levels of 0.23 inches/sec, ppv. Jackhammers typically generate vibration levels of 0.03 inches/sec, ppv and drilling typically generates vibration levels of 0.06 inches/sec, ppv at a distance of 25 feet. Again, vibration levels would vary depending on project conditions such as soil conditions, construction methods, and equipment used. At a distance of 25 feet, construction activities other than pile driving would be unlikely to generate vibration levels exceeding 0.20 inches/sec, ppv criteria. Impact pile driving would not exceed 0.50 inches/sec, ppv at distances of 50 feet or further and vibratory pile driving would not exceed 0.50 inches/sec, ppv at distances of 25 feet or further.

Structural or architectural damage could potentially occur at the shopping center to the north if impact pile driving were to take place within 50 feet of the structure and vibration would likely be annoying to occupants of the adjacent buildings to the north and south within about 100 feet from impact pile driving. Vibratory pile driving would likely be annoying to occupants of the adjacent buildings within about 75 feet, but would not be expected to cause structural damage to adjacent buildings. Other construction activities would not be anticipated to generate vibration levels high enough to be perceptible inside adjacent uses.

If impact pile driving were to take place within 50 feet of adjacent structures or if adjacent buildings include vibration sensitive uses, such as research facilities with highly sensitive equipment, significant impacts could occur. Where vibration may be perceptible but would not be expected to cause structural damage, this impact would not normally be considered significant given the intermittent and short duration of the phases that have the highest potential of producing vibration (pile driving). By use of administrative controls such as notifying adjacent commercial uses of scheduled construction activities and scheduling construction activities with the highest potential to produce perceptible vibration to hours with least potential to affect nearby businesses, perceptible vibration can be kept to a minimum and as such would not result in a significant impact with respect to perception.

Mitigation 5: The following measures, in addition to the best practices specified in Mitigation 3, are recommended to reduce vibration impacts from construction activities to a less-than-significant level:

1. Avoid impact pile driving where possible. Drilled piles or slab mats causes lower vibration levels where geological conditions permit their use;

2. Identify any highly vibration sensitive uses located on the adjoining properties to the north and south of the site;

3. If impact pile driving is proposed within 50 feet of adjacent structures or within 200 feet of any highly sensitive uses identified in the adjoining buildings, a construction vibration-monitoring plan would need to be implemented to document conditions prior to, during and after vibration generating construction activities. All plan tasks shall be undertaken under the direction of a licensed Professional Structural Engineer in the State of California and be in accordance with industry accepted standard methods. The construction vibration monitoring plan should be implemented to include the following tasks:

[4] Construction Vibrations: State of the Art, John F. Wiss, Journal of the Geotechnical Engineering Division, February 1981.

a. Schedule pile driving so that piles furthest from adjacent structures are driven first, and only after vibration levels are found to be within the limits is pile driving be allowed at closer distances.

b. Performance of a photo survey, elevation survey, and crack monitoring survey for each impacted structure. Surveys shall be performed prior to any construction activity, in regular interval during construction and after project completion and shall include internal and external crack monitoring in structures, settlement, and distress and shall document the condition of foundations, walls and other structural elements in the interior and exterior of said structures.

c. Development of a vibration monitoring and construction contingency plan to identify structures where monitoring would be conducted, set up a vibration monitoring schedule, define structure-specific vibration limits, and address the need to conduct photo, elevation, and crack surveys to document before and after construction conditions. Construction contingencies would be identified for when vibration levels approached the limits.

d. At a minimum, vibration monitoring should be conducted during pavement demolition, excavation, and pile driving activities. Monitoring results may indicate the need for more or less intensive measurements.

e. If vibration levels approach limits, suspend construction and implement contingencies to either lower vibration levels or secure the affected structures.

f. Designate a person responsible for registering and investigating claims of excessive vibration. The contact information of such person shall be clearly posted on the construction site.

g. Conduct post-survey on structures where either monitoring has indicated high levels or complaints of damage has been made. Make appropriate repairs or compensation where damage has occurred as a result of construction activities.

h. The results of all vibration monitoring shall be summarized and submitted in a report shortly after substantial completion of each phase identified in the project schedule. The report will include a description of measurement methods, equipment used, calibration certificates and graphics as required to clearly identify vibration-monitoring locations. An explanation of all events that exceeded vibration limits will be included together with proper documentation supporting any such claims.

APPENDIX C

AIR QUALITY STUDY

Barber Lane
Air Quality Study

October 24, 2006
Revised April 16, 2007

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Introduction

This report presents results of an air quality impact assessment for the proposed mixed land use project located on Barber Lane in Milpitas, CA. The proposed project would include an 18-story mixed-use building with an attached 8-level parking garage that lies atop of 3 levels of underground parking. Up to 375 new high-rise condominiums are proposed on floors 5 through 18, with retail uses proposed on floors 1 through 3 and offices uses on the 4th floor. The parking garage would lie between the 18-story mixed-use building and Interstate 880 (I-880).

This analysis evaluates the air quality impacts of the proposed project, resulting primarily from construction, new vehicle traffic, and placement of new sensitive receptors near Interstate 880. This analysis primarily focuses on air pollution from daily emissions and pollutant concentrations. Emissions, which are the quantity of pollutant that the project would emit both directly and indirectly, are measured in pounds per day. The amount of pollutant material measured per volumetric unit of air is referred to as the concentration and is typically measured in parts per million (ppm) or micrograms per cubic meter ($\mu g/m^3$). Stationary sources associated with the project, which could result in adverse air quality impacts that would contribute to air quality emissions, have not been identified. This analysis was conducted following guidance provided by the Bay Area Air Quality Management District (BAAQMD)[1].

Overall Regulatory Setting

The Federal Clean Air Act governs air quality in the United States. In addition to being subject to federal requirements, air quality in California is also governed by more stringent regulations under the California Clean Air Act. At the federal level, the United States Environmental Protection Agency (USEPA) administers the Clean Air Act (CAA). The California Clean Air Act is administered by the California Air Resources Board (CARB) at the State level and by the Air Quality Management Districts at the regional and local levels. The Bay Area Air Quality Management District (BAAQMD) regulates air quality at the regional level, which includes the nine-county Bay Area.

United States Environmental Protection Agency

The USEPA is responsible for enforcing the Federal CAA. The USEPA is also responsible for establishing the National Ambient Air Quality Standards (NAAQS). The NAAQS are required under the 1977 CAA and subsequent amendments. The USEPA regulates emission sources that are under the exclusive authority of the federal government, such as aircraft, ships, and certain types of locomotives. The agency has jurisdiction over emission sources outside state waters (e.g., beyond the outer continental shelf) and establishes various emission standards, including those for vehicles sold in states other than California. Automobiles sold in California must meet the stricter emission standards established by the CARB.

California Air Resources Board

[1] BAAQMD CEQA Guidelines for Assessing Air Quality Impacts from Projects and Plans, 1996, revised 1999.

In California, the CARB, which became part of the California Environmental Protection Agency (CalEPA) in 1991, is responsible for meeting the state requirements of the Federal CAA, administering the California CAA, and establishing the California Ambient Air Quality Standards (CAAQS). The California CAA, as amended in 1992, requires all air districts in the State to endeavor to achieve and maintain the California Ambient Air Quality Standards (CAAQS). The CARB regulates mobile air pollution sources, such as motor vehicles. The agency is responsible for setting emission standards for vehicles sold in California and for other emission sources, such as consumer products and certain off-road equipment. The CARB has established passenger vehicle fuel specifications. The CARB oversees the functions of local air pollution control districts and air quality management districts, which in turn administer air quality activities at the regional and county level.

Bay Area Air Quality Management District

In 1955, the California Legislature created the Bay Area Air Quality Management District (BAAQMD). The agency is primarily responsible for assuring that the National and State ambient air quality standards are attained and maintained in the Bay Area. The BAAQMD is also responsible for adopting and enforcing rules and regulations concerning air pollutant sources, issuing permits for stationary sources of air pollutants, inspecting stationary sources of air pollutants, responding to citizen complaints, monitoring ambient air quality and meteorological conditions, awarding grants to reduce motor vehicle emissions, conducting public education campaigns, as well as many other activities. The BAAQMD has jurisdiction over much of the nine-county Bay Area counties.

National and State Ambient Air Quality Standards

As required by the Federal Clean Air Act, the NAAQS have been established for six major air pollutants: carbon monoxide (CO), nitrogen oxides (NO_x), ozone (O_3), respirable particulate matter (PM_{10}), fine particulate matter ($PM_{2.5}$), sulfur oxides, and lead. Pursuant to the California Clean Air Act, the State of California has also established ambient air quality standards. These standards are generally more stringent than the corresponding federal standards and incorporate additional standards for sulfates, hydrogen sulfide, vinyl chloride and visibility reducing particles.

Both State and Federal standards are summarized in Table 1. The “primary” standards have been established to protect the public health. The “secondary” standards are intended to protect the nation’s welfare and account for air pollutant effects on soil, water, visibility, materials, vegetation and other aspects of the general welfare. The CAAQS are more stringent than the NAAQS. Thus, the CAAQS are used as the comparative standard in this analysis.

Table 1 Ambient Air Quality Standards

Pollutant	Averaging Time	California Standards	NATIONAL STANDARDS [a]	
			Primary [b,c]	Secondary [b,d]
Ozone	8-hour	0.07 ppm (137 µg/m^3)	0.08 ppm (157 µg/m^3)	—
	1-hour	0.09 ppm (180 µg/m^3)	—[e]	Same as primary
Carbon monoxide	8-hour	9 ppm (10 mg/m^3)	9 ppm (10 mg/m^3)	—
	1-hour	20 ppm (23 mg/m^3)	35 ppm (40 mg/m^3)	—
Nitrogen dioxide	Annual	0.03ppm (56 µg/m^3)	0.053 ppm (100 µg/m^3)	Same as primary
	1-hour	0.18ppm (338 µg/m^3)	—	—
Sulfur dioxide	Annual	—	0.03 ppm (80 µg/m^3)	—
	24-hour	0.04 ppm (105 µg/m^3)	0.14 ppm (365 µg/m^3)	—
	3-hour	—	—	0.5 ppm (1,300 µg/m^3)
	1-hour	0.25 ppm (655 µg/m^3)	—	—
PM_{10}	Annual	20 µg/m^3	--[f]	Same as primary
	24-hour	50 µg/m^3	150 µg/m^3	Same as primary
$PM_{2.5}$	Annual	12 µg/m^3	15 µg/m^3	
	24-hour	—	35 µg/m^3 [f]	
Lead	Calendar quarter	—	1.5 µg/m^3	Same as primary
	30-day average	1.5 µg/m^3	—	—

Notes: (a) Standards, other than for ozone and those based on annual averages, are not to be exceeded more than once a year. The ozone standard is attained when the expected number of days per calendar year with maximum hourly average concentrations above the standard is equal to or less than one.

(b) Concentrations are expressed first in units in which they were promulgated. Equivalent units given in parenthesis.

(c) Primary Standards: The levels of air quality necessary, with an adequate margin of safety to protect the public health. Each state must attain the primary standards no later than 3 years after that state's implementation plan is approved by the EPA.

(d) Secondary Standards: The levels of air quality necessary to protect the public welfare from any known or anticipated adverse effects of a pollutant.

(e) The national 1-hour ozone standard was revoked by U.S. EPA on June 15, 2005.

(f) The annual PM_{10} standard was revoked by U.S. EPA on September 21, 2006 and a new $PM_{2.5}$ 24-hour standard was established.

Criteria Air Pollutants & Effect

Air quality studies generally focus on five pollutants that are most commonly measured and regulated: CO, O_3, NO_2, SO_2, and suspended particulate, i.e., PM_{10} and $PM_{2.5}$.

Carbon Monoxide. CO, a colorless and odorless gas, interferes with the transfer of oxygen to the brain. It can cause dizziness and fatigue, and can impair central nervous system functions. CO is emitted almost exclusively from the incomplete combustion of fossil fuels. Automobile exhausts release approximately 70 percent of the CO in the Bay Area. A substantial amount also comes from burning wood in fireplaces and wood stoves. CO is a non-reactive air pollutant that dissipates relatively quickly, so ambient CO concentrations generally follow the spatial and temporal distributions of vehicular traffic. The highest CO concentrations measured in the Bay Area are typically recorded during the winter.

Ozone. O_3, a colorless toxic gas, is the chief component of urban smog. O_3 enters the blood stream and interferes with the transfer of oxygen, depriving sensitive tissues in the heart and brain of oxygen. Although O_3 is not directly emitted, it forms in the atmosphere through a chemical reaction between reactive organic gas (ROG) and nitrogen oxides (NO_X) under sunlight.[2] ROG and NOx are primarily emitted from automobiles and industrial sources. O_3 is present in relatively high concentrations within the Bay Area, and the damaging effects of photochemical smog are generally related to the concentration of O_3. Highest O_3 concentrations occur during summer and early autumn, on days with low wind speeds or stagnant air, warm temperatures, and cloudless skies.

Nitrogen Dioxide. NO_2, a reddish-brown gas, irritates the lungs. It can cause breathing difficulties at high concentrations. Like O_3, NO_2 is not directly emitted, but is formed through a reaction between nitric oxide (NO) and atmospheric oxygen. NO and NO_2 are collectively referred to as nitrogen oxides (NO_x) and are major contributors to O_3 formation. NO_2 also contributes to the formation of PM_{10} (see discussion of PM_{10} below).

Sulfur Oxides. Sulfur oxides, primarily SO_2, are a product of high-sulfur fuel combustion. The main sources of SO_2 are coal and oil used in power stations, in industries, and for domestic heating. SO_2 is an irritant gas that attacks the throat and lungs. It can cause acute respiratory symptoms and diminished ventilator function in children. SO_2 concentrations have been reduced to levels well below the state and national standards, but further reductions in emissions are needed to attain compliance with standards for PM_{10}, of which SO_2 is a contributor.

Suspended Particulate Matter. Particulate matter pollution consists of very small particles suspended in the air, which can include smoke, soot, dust, salts, acids, and metals. Particulate matter also forms when industry and gaseous pollutant undergo chemical reactions in the atmosphere. Respirable particulate matter (PM_{10}) and fine particulate matter ($PM_{2.5}$) represent fractions of particulate matter. PM_{10} refers to particulate matter less than 10 microns in diameter and $PM_{2.5}$ refers to particulate matter that is 2.5 microns or less in diameter. Major sources of $PM_{2.5}$ results primarily from diesel fuel combustion (from motor vehicles, power generation, industrial facilities), residential fireplaces, and wood stoves. PM_{10} include all $PM_{2.5}$ sources as well as emissions from dust generated by construction, landfills, and agriculture; wildfires and brush/waste burning, industrial sources, windblown dust from open lands, and atmospheric

[2] ROG and NO_X are emitted from automobiles and industrial sources.

chemical and photochemical reactions. PM_{10} and $PM_{2.5}$ pose a greater health risk than larger-size particles, because these tiny particles can penetrate the human respiratory system's natural defenses and damage the respiratory tract increasing the number and severity of asthma attacks, cause or aggravate bronchitis and other lung diseases, and reduce the body's ability to fight infections. Whereas, larger particles tend to collect in the upper portion of the respiratory system, $PM_{2.5}$ are so tiny that they can penetrate deeper into the lungs and damage lung tissues. Suspended particulates also damage and discolor surfaces on which they settle, as well as produce haze and reduce regional visibility. U.S. EPA recently adopted a new more stringent standard of 35 $\mu g/m^3$ for 24-hour exposures, based on a review of the latest new scientific evidence. At the same time, U.S. EPA revoked the annual PM_{10} standard due to a lack of scientific evidence correlating long-term exposures of ambient PM_{10} with adverse health effects.

Toxic Air Contaminants (TAC)

TACs are a broad class of compounds known to cause morbidity or mortality (usually because they cause cancer) and include, but are not limited to, the criteria air pollutants listed above. TACs are found in ambient air, especially in urban areas, and are caused by industry, agriculture, fuel combustion, and commercial operations (e.g., dry cleaners). TACs are typically found in low concentrations, even near their source (e.g., benzene near a freeway). Because chronic exposure can result in adverse health effects, TACs are regulated at the regional, state, and federal level.

Diesel exhaust is the predominant TAC in urban air and is estimated to represent about two-thirds of the cancer risk from TACs (based on the statewide average). According to the CARB, diesel exhaust is a complex mixture of gases, vapors and fine particles. This complexity makes the evaluation of health effects of diesel exhaust a complex scientific issue. Some of the chemicals in diesel exhaust, such as benzene and formaldehyde, have been previously identified as TACs by the ARB, and are listed as carcinogens either under the state's Proposition 65 or under the federal Hazardous Air Pollutants programs. California has adopted a comprehensive diesel risk reduction program. The U.S. EPA has adopted low sulfur diesel fuel standards that will reduce diesel particulate matter substantially. These go into effect in late 2006.

In cooler weather, smoke from residential wood combustion can be a source of TACs. Localized high TAC concentrations can result when cold stagnant air traps smoke near the ground and, with no wind, the pollution can persist for many hours. This occurs in sheltered valleys during the winter. Wood smoke also contains a significant amount of PM_{10} and $PM_{2.5}$. Wood smoke is an irritant and is implicated in worsening asthma and other chronic lung problems.

Air Quality Planning

Bay Area Clean Air Plan

The BAAQMD along with the other regional agencies (i.e., ABAG and MTC) has prepared an Ozone Attainment Plan to address the 1-hour NAAQS for O_3. Although U.S. EPA revoked the 1-hour NAAQS, commitments made in that plan along with emissions budgets remain valid until the region develops an attainment demonstration/maintenance plan for the 8-hour NAAQS for O_3. The region will be required to submit a maintenance plan and demonstration of attainment

with a request for redesignation to EPA in when the 8-hour O3 NAAQS is met. A Carbon Monoxide Maintenance Plan was approved in 1998 by EPA, which demonstrated how the NAAQS for carbon monoxide standard would be maintained.

Air quality plans addressing the California Clean Air Act are developed about every three years. The plans are meant to demonstrate progress toward meeting the more stringent 1-hour O3 CAAQS. The latest plan, which was adopted in January 2006, is called the Bay Area 2005 Ozone Strategy. This plan includes a comprehensive strategy to reduce emissions from stationary, area, and mobile sources. The plan objective is to indicate how the region would make progress toward attaining the stricter state air quality standards, as mandated by the California Clean Air Act. The plan is designed to achieve a region-wide reduction of O_3 precursor pollutants through the expeditious implementation of all feasible measures. The plan proposes implementation of transportation control measures (TCMs) and programs such as Spare the Air. Spare the Air is a public outreach program designed to educate the public about air pollution in the Bay Area and promote individual behavior changes that improve air quality. Some of these measures or programs rely on local governments for implementation.

The clean air planning efforts for O_3 will also reduce PM_{10} and $PM_{2.5}$, since a substantial amount of this air pollutant comes from combustion emissions such as vehicle exhaust. In addition, the BAAQMD adopts and enforces rules to reduce particulate matter emissions and develops public outreach programs to educate the public to reduce PM_{10} and $PM_{2.5}$ emissions (e.g., Spare the Night Program). SB 656 requires further action by CARB and air districts to reduce public exposure to PM_{10} and $PM_{2.5}$. Efforts identified by the BAAQMD in response to SB656 are primarily targeting reductions in wood smoke emissions and adoption of new rules to further reduce NOx and particulate matter from internal combustion engines and reduce particulate matter from commercial charbroiling activities. NOx emissions contribute to ammonium nitrate formation that resides in the atmosphere as particulate matter. The Bay Area experiences the highest PM_{10} and $PM_{2.5}$ in winter when wood smoke and ammonium nitrate contributions to particulate matter are highest.

A key element in air quality planning is to make reasonably accurate projections of future human activities that are related to air pollutant emissions. Most important is vehicle activity. The BAAQMD uses population projections made by the ABAG and vehicle use trends made by the Metropolitan Transportation Commission to formulate future air pollutant emission inventories. The basis for these projections comes from cities and counties. In order to provide the best plan to reduce air pollution in the Bay Area, accurate projections from local governments are necessary. When General Plans are not consistent with these projections, they cumulatively reduce the effectiveness of air quality planning in the region.

Physical Setting

Climate and Topography

The project is located in Milpitas, in the northern Santa Clara Valley. The proximity of this location to both the Pacific Ocean and the San Francisco Bay has a moderating influence on the climate. The valley is bounded to the north by the San Francisco Bay and by mountains to the east, south, and west. The surrounding terrain greatly influences winds in the valley, resulting in

a prevailing wind that follows along the valley's northwest-southeast axis. During the afternoon and early evening, a north-northwesterly sea breeze often flows from the Bay through the valley, and a light south-southeasterly drainage flow often occurs during the late evening and early morning hours.
Wind data collected at Alviso and Mineta San José International Airport characterize wind flow at the project site. Winds are mostly from the northwest (off the bay), occurring about 50% of the time. Wind flow from the southeast occurs about 25% of the time, with light and variable winds occurring the other 25% of the time. Wind speed on average is about 5 miles per hour.

Typical summer maximum temperatures for the region are in the 80's, while winter maximum temperatures are in the high 50's or low 60's. Minimum temperatures usually range from the high 50's in the summer to the upper 30's and low 40's in the winter. Rainfall in the valley is approximately 15 to 20 inches per year, occurring mostly in the months of November through March.

Air quality standards for ozone traditionally are exceeded when relatively stagnant conditions occur for periods of several days during the warmer months of the year. Weak wind flow patterns combined with strong inversions substantially reduces normal atmospheric mixing. Key components of ground-level ozone formation are sunlight and heat; therefore, significant ozone formation only occurs during the months from late spring through early fall. Prevailing winds during the summer and fall can transport and trap ozone precursors from the more urbanized portions of the Bay Area. Meteorological factors make air pollution potential in the Santa Clara Valley quite high. The clear skies with relatively warm conditions that are typical in summer combine with transported and localized air pollutant emissions to elevate ozone levels. The surrounding mountains up slope and down slope flows may also recirculate pollutants already present, contributing to the buildup of air pollution. Light winds and stable conditions during the late fall and winter contribute to the buildup of particulate matter from motor vehicles, agriculture, and wood burning in fireplaces and stoves.

Air Monitoring Data

Air quality in the region is controlled by the rate of pollutant emissions and meteorological conditions. Meteorological conditions such as wind speed, atmospheric stability, and mixing height may all affect the atmosphere's ability to mix and disperse pollutants. Long-term variations in air quality typically result from changes in air pollutant emissions, while frequent, short-term variations result from changes in atmospheric conditions. The San Francisco Bay Area is considered to be one of the cleanest metropolitan areas in the country with respect to air quality. The BAAQMD monitors air quality conditions at over 30 locations throughout the Bay Area. There are several BAAMQD monitoring stations in San José, which are closest to this part of Milpitas. Air pollutant concentrations measured at stations closest to the project area are shown in Table 2.

The pollutant of most concern in the Milpitas area is ozone, since prevailing summertime wind conditions tend to cause a build up of ozone in the Santa Clara Valley. Ozone levels measured in San Jose, exceeded the state ozone standard from 0 to 4 times in 2001-2005. Neither the former federal 1-hour ozone standard nor the current 8-hour standard has been exceeded in the last five years. Measured exceedances of the state PM_{10} standard have occurred between 2 and 4 measurement days each year in San José (estimated at 12 to 24 days). PM_{10} and $PM_{2.5}$ are

measured every sixth day. Exceedances of the federal $PM_{2.5}$ standard of 65 µg/m^3 were not measured in San José; however, the new standard of 35 µg/m^3 has been exceeded in each of the last three years. The entire Bay Area, including San Jose, did not experience any exceedances of other air pollutants. Table 3 reports the number of days that an ambient air quality standard was exceeded at any of the stations in San José near the project and in the entire Bay Area.

Table 2 Highest Measured Air Pollutant Concentrations

Pollutant	Average Time	Measured Air Pollutant Levels 2001	2002	2003	2004	2005
East San Jose						
Ozone (O_3)	1-Hour	0.09 ppm	0.09 ppm	**0.10** ppm	0.09 ppm	**0.11 ppm**
	8-Hour	0.06 ppm	0.07 ppm	0.07 ppm	0.07 ppm	0.08 ppm
San José 4th Street/Central (relocated in 2002)						
Ozone (O_3)	1-Hour	**0.11** ppm	-- ppm	**0.12** ppm	0.09 ppm	**0.11** ppm
	8-Hour	0.07 ppm	-- ppm	0.08 ppm	0.07 ppm	0.08 ppm
Carbon Monoxide (CO)	8-Hour	5.1 ppm	4.5 ppm	4.0 ppm	2.9 ppm	3.1 ppm
Nitrogen Dioxide (NO_2)	1-Hour	0.11 ppm	0.08 ppm	0.09 ppm	0.07 ppm	0.07 ppm
	Annual	0.024ppm	NA	0.021ppm	NA	0.021ppm
San Jose – Tully Road						
Fine Particulate Matter (PM_{10})	24-Hour	**75** ug/m^3	**70** ug/m^3	58 ug/m^3	58 ug/m^3	**71 ug/m^3**
	Annual	23 ug/m^3	NA	**25** ug/m^3	**25** ug/m^3	**24 ug/m^3**
Respirable Particulate Matter ($PM_{2.5}$)	24-Hour	NA	58 ug/m^3	52 ug/m^3	52 ug/m^3	51 ug/m^3
	Annual	NA	NA	10 ug/m^3	10 ug/m^3	11 ug/m^3
Bay Area (Basin Summary)						
Ozone (O_3)	1-Hour	**0.13** ppm	**0.16** ppm	**0.13** ppm	**0.11** ppm	**NA**
	8-Hour	**0.10** ppm	**0.11** ppm	**0.10** ppm	0.08 ppm	**NA**
Carbon Monoxide (CO)	8-Hour	5.1 ppm	4.5 ppm	4.0 ppm	3.4 ppm	**NA**
Nitrogen Dioxide (NO_2)	1-Hour	0.11 ppm	0.08 ppm	0.09 ppm	0.07 ppm	**NA**
	Annual	0.024ppm	0.014ppm	0.021ppm	0.019ppm	**NA**
Fine Particulate Matter ($PM_{2.5}$)	1-Hour	NA	**77** ug/m^3	56 ug/m^3	**74** ug/m^3	**NA**
	Annual	NA	14 ug/m^3	11.7 ug/m^3	11.6 ug/m^3	**NA**
Respirable Particulate Matter (PM_{10})	24-Hour	**109** µg/m^3	**84** µg/m^3	**60** µg/m^3	**65** µg/m^3	**NA**
	Annual	**26** ug/m^3	**25** ug/m^3	**25** ug/m^3	**26** ug/m^3	**NA**

Source: BAAQMD Air Quality Summaries for 2001, 2002, 2003, and 2004, and 2005 and California Air Resources Board Air Quality Data website http://www.arb.ca.gov/aqd/aqdpage.htm.

Note: ppm = parts per million and ug/m^3 = micrograms per cubic meter
Values reported in bold exceed ambient air quality standard
NA = data not available.

Table 3 Annual Number of Days Exceeding Ambient Air Quality Standards

Pollutant	Standard	Monitoring Station	Days Exceeding Standard 2001	2002	2003	2004	2005
Ozone (O_3.)	NAAQS 1-hr	San Jose BAY AREA	0 1	0 2	0 1	0 0	X X
	NAAQS 8-hr	San Jose BAY AREA	0 7	0 7	0 7	0 0	0 1
	CAAQS 1-hr	San Jose BAY AREA	2 15	0 16	4 19	0 7	1 9
Fine Particulate Matter (PM_{10})	NAAQS 24-hr	San Jose BAY AREA	0 0	0 0	0 0	0 0	0 0
	CAAQS 24-hr	San Jose BAY AREA	4 10	2 6	2 6	3 7	4 6
Fine Particulate Matter ($PM_{2.5}$)	NAAQS 24-hr*	San Jose BAY AREA	NA 5	NA 7	0 0	0 1	0 0
All Other (CO, NO_2, Lead, SO_2)	All Other	San Jose (Tully) BAY AREA	0 0	0 0	0 0	0 0	0 0

* Based on standard of 65 µg/m^3 that was in place until September 21, 2006.
NA = data not available.

Attainment Status

Areas that do not violate ambient air quality standards are considered to have attained the standard. Violations of ambient air quality standards are based on air pollutant monitoring data and are judged for each air pollutant. The Bay Area as a whole does not meet State or federal ambient air quality standards for ground level O_3 and State standards for PM_{10} and $PM_{2.5}$.

Under the Federal CAA, the US EPA has classified the region as marginally nonattainment for the 8-hour O_3 standard. EPA requires the region to attain the standard by 2007. The Bay Area has met the CO standards for over a decade and is classified *attainment maintenance* by the US EPA. The US EPA grades the region *unclassified* for all other air pollutants, which include PM_{10} and $PM_{2.5}$.

At the State level, the region is considered *serious non-attainment* for ground level O_3 and non-attainment for PM_{10}. California ambient air quality standards are more stringent than the national ambient air quality standards. The region is required to adopt plans on a triennial basis that show progress towards meeting the State O_3 standard. The area is considered attainment or unclassified for all other pollutants.

Recent $PM_{2.5}$ monitoring data for San José suggest that the County exceeds the new national $PM_{2.5}$ standards for 24-hour exposures. U.S. EPA is expected to make rulings on areas

attainment designations in 2010 based on 2007 to 2009 monitoring data. Most nonattainment areas would until 2015 to attain the standards with some extensions to 2020 possible.

Sensitive Receptors

Some groups of people are more affected by air pollution than others. CARB has identified the following people who are most likely to be affected by air pollution: children under 14, the elderly over 65, athletes, and people with cardiovascular and chronic respiratory diseases. These groups are classified as sensitive receptors. Locations that may contain a high concentration of these sensitive population groups include residential areas, hospitals, daycare facilities, elder care facilities, elementary schools, and parks.

Environmental Impacts and Mitigations

Thresholds of Significance

CEQA Guidelines prepared by the BAAQMD are used to establish the significance criteria to judge the impacts caused by the project. The following are the significance criteria that the BAAQMD has established to determine project impacts:

Construction
The BAAQMD's approach to the CEQA analysis of construction impacts is to emphasize the implementation of effective and comprehensive control measures rather than detailed quantification of emissions. If the appropriate construction controls are implemented, air pollutant emissions for construction activities would be considered less than significant.

Operations
Build out of the project (operation) would cause a significant air quality impact if it were to result in:

- Ozone precursor emissions (ROG and NO_x) and PM_{10} emissions from direct and indirect sources (non typical construction) that exceed the thresholds recommended by the BAAQMD. The BAAQMD recommends a threshold of 80 pounds per day or 15 tons per year for direct and indirect sources of ROG, NO_x, and PM_{10}. The BAAQMD does not have thresholds that specifically address $PM_{2.5}$; therefore, the PM_{10} emissions threshold is used to judge a project's impact to $PM_{2.5}$, since all PM_{10} includes $PM_{2.5}$.

- Emissions of carbon monoxide cause a projected exceedance of the ambient carbon monoxide state standard of 9.0 ppm for 8-hour averaging period.

Consistency with Clean Air Planning Efforts
Project cumulative impacts are judged upon consistency to plans that are found to be consistent with the regional clean air planning efforts. The *BAAQMD CEQA Guidelines: Assessing the Air Quality Impacts of Projects and Plans (1999)* recommends using an analysis that determines the consistency of the project with the General Plan.

Environmental Impacts

Impact 1: Result in a cumulatively considerable net increase of any criteria pollutant for which the project region is non-attainment under an applicable federal or state ambient air quality standard (including releasing emissions which exceed quantitative thresholds for ozone precursors)? *No*

Project Impacts

The Bay Area is considered a non-attainment area for ground-level ozone under both the federal Clean Air Act and the California Clean Air Act. The area is also considered non-attainment for respirable particulates or particulate matter with a diameter of less than 10 micrometers (PM_{10}) under the California Clean Air Act, but not the federal act. The area has attained both State and federal ambient air quality standards for carbon monoxide. The Bay Area is considered to be in attainment for all other regulated air pollutants (i.e., nitrogen dioxide, sulfur dioxide and lead). The BAAQMD significance thresholds are for ozone precursor pollutants (reactive organic gases and nitrogen oxides) and PM_{10}. Project direct and indirect emissions are computed and compared to the thresholds.

Area and Mobile Sources

The proposed project would add new traffic trips, which would lead to increased emissions of air pollutants. Emissions of air pollutants associated with the proposed project were predicted using the URBEMIS2002 model (Version 8.7), distributed by Air Quality Management Districts and recommended for use by the BAAQMD. This model predicted daily emissions associated with land use developments. The model combines predicted daily traffic activity, associated with the different land use types, with emission factors from the State's mobile emission factor model (i.e., EMFAC2002). Traffic generation provided by Fehr and Peers Transportation Consultants, was used in the model to provide daily traffic generation estimates based on selected land uses. The URBEMIS2002 model default for passby trips was not used. Instead, trip reduction percentages provided by the traffic engineer based on the reduction of internal trips due to mixed uses. The trip rates used in URBEMIS2002 were adjusted to reflect these reductions. The following adjusted trip rates were used in the URBEMIS2002 modeling:

Condominiums:	7.1 trips per residential unit
Commercial space:	18.8 trips per 1,000 square feet
Retail space:	34.8 trips per 1,000 square feet

The URBEMIS 2002 model also predicted area source emissions associated with the project uses, which are minor compared to emissions associated with traffic. The project emissions were predicted for a normal weekday representative of the traffic generation used for the traffic report. Daily emissions from the project are reported in Table 4 and compared with BAAQMD significance thresholds. Model output is provided in Attachment 1. The combination of direct and indirect emissions of ozone precursor pollutants (i.e., ROG and NOx) and PM_{10} would not exceed the thresholds established by the BAAQMD. The ozone precursor and PM_{10} emissions

are considered *less-than-significant*. The BAAQMD does not have thresholds for $PM_{2.5}$, therefore, this analysis used the PM_{10} thresholds to judge the significance of $PM_{2.5}$ emissions.

Table 4 Project Emissions based on URBEMIS2002 Modeling

Scenario	Reactive Organic Gases (ROG)	Nitrogen Oxides (NOx)	Carbon Monoxide (CO)	Respirable Particulates (PM_{10})
Daily Weekday Condition	*68 lbs*	*51 lbs*	*956 lbs*	*58 lbs*
BAAQMD Thresholds	*80 lbs/day*	*80 lbs/day*	*550 lbs/day**	*80 lbs/day*
URBEMIS 2002 Modeling Assumptions: Land Use Type = *High-rise condominium, retail, office.* Geographic Area = *San Francisco Bay Area,* Year of Analysis = *2010*				

* For stationary sources only

Stationary Sources

Stationary sources of air pollution such as large boilers or emergency generators powered by internal combustion engines have not been identified for this project. Such sources would require permits from the BAAQMD, unless they are exempt due to their size. Sources of air pollutant emissions complying with all applicable BAAQMD regulations generally will not be considered to have a significant air quality impact. Stationary sources that are exempt from BAAQMD permit requirements because they fall below emission thresholds for permitting would not be considered to have a significant air quality impact.

Impact 2: Violate any air quality standard or contribute substantially to an existing or projected air quality violation? *No*

Carbon monoxide emissions from traffic generated by the project would be the pollutant of greatest concern at the local level. Congested intersections with a large volume of traffic have the greatest potential to cause high-localized concentrations of carbon monoxide. Measured carbon monoxide levels have been at healthy levels (i.e., below state and federal standards) in the Bay Area since the early 1990s. As a result, the region has been designated as attainment for the standard. There is an ambient air quality monitoring station in central San Jose that measures carbon monoxide concentrations. The highest measured level over any 8-hour averaging period during the last 3 years is 4.0 parts per million (ppm). The contribution of project-generated traffic to these levels was predicted following the screening guidance recommended by the BAAQMD. Two intersections, South Abel Street and West Calaveras Boulevard, as well as Alder Drive and Tasman Drive are considered the worst intersections (in terms of elevated carbon monoxide levels from traffic) that may be affected by project-generated traffic. Future carbon monoxide levels were predicted near these intersections for existing conditions and with the project in place using traffic projections provided by Fehr and Peers Transportation Consultants. Emission factors used were calculated using the EMFAC2002 model, developed by the California Air Resources Board, with default assumptions for Santa Clara County during

winter that include a temperature of 40 deg. F. A slow speed of 5 miles per hour was used that results in higher emission rates. This screening analysis included the number of through lanes in the intersection configuration with a receptor located at the edge of the roadway. Screening calculations are provided in Attachment 2. Refined modeling using wider roadways that account for turn lanes would result in lower concentrations due to the increased mixing zone. Results are reported as follows:

Table 5 Predicted Roadside Carbon Monoxide Concentrations

Description	Existing 2006	Background 2015	Cumulative 2015
W. Calaveras Blvd and S. Abel St.	10.3 ppm	7.2 ppm	7.2 ppm
Tasman Dr. and Alder Dr.	8.4 ppm	6.8 ppm	6.8 ppm
BAAQMD Thresholds	9.0 ppm (CAAQS)		

The highest 8-hour concentration with the project in place (in about 2015) is predicted to be 7.2 ppm over an 8-hour averaging period. This concentration would occur along West Calaveras Boulevard, east of the Interstate 880 freeway interchange at South Abel Street. Lower concentrations would occur at other intersections affected by project traffic. This represents the roadside concentration with future PM peak hour conditions, as reported by Fehr and Peers. The results of this screening analysis indicate that project levels would be below the California ambient air quality standard (used to judge the significance of the impact) of 9.0 ppm; therefore, the impact is considered less-than-significant. Had levels been above the ambient air quality standards, a more refined analysis would have been conducted using the CALINE4 dispersion model and actual lane-receiver geometry.

Impact 3: Expose sensitive receptors to substantial pollutant concentrations? **Yes – if construction activities do not include proper controls. Effective mitigation recommended**.

Exposure of sensitive receptors to substantial pollutant concentrations was evaluated in two ways: 1) exposure of proposed residences to existing sources of toxic air contaminants (e.g., I-880 freeway traffic) and 2) exposure of receptors to construction activities.

Exposure to I-880 Traffic Exhaust

Traffic on I-880, particularly trucks, emits diesel particulate matter (DPM) that would affect proposed residences. DPM presents a health risk, since it is recognized by CARB to cause cancer.

Background Risk

Since identifying diesel particulate matter as a toxic air contaminant, the CARB has conducted studies to identify existing health effects from exposure to DPM. The CARB has identified the

average year 2000 statewide potential cancer risks at 540 excess cases per million people[3]. The potential risk near high volume freeways was found to be much higher. The risk is predicted to decrease in the future due to plans to reduce diesel particulate matter emissions from a variety of sources. The 2000 CARB report predicts an average statewide risk at 360 excess cancer cases per million people in 2020. Modeling information compiled by CARB indicates that the current cancer risk due to DPM in Milpitas is about 750 to 1,000 excess cases per million people[4].

Analysis of Site-Specific DPM Cancer Risk

This analysis involved the development of future DPM emissions for traffic on I-880 using the latest version of the CARB EMFAC2007 emission factor model with defaults for Santa Clara County. DPM emissions are anticipated to decrease in the future. Since this analysis assesses the risk of proposed residences to future exposures, the lower future emissions were taken into account. The EMFAC results were then adjusted to the traffic mix on I-880 reported by Caltrans[5]. Emission factors were developed for 2010, 2020, and 2030 using the calculated mix of diesel-fueled vehicles.

Dispersion modeling was conducted using the CAL3QHCR model, which is acceptable to the Bay Area Air Quality Management District (BAAQMD) for this type of analysis. A 5-year set of meteorological data for Mineta San José International Airport obtained from the BAAQMD was used in the modeling. Other inputs to the model included architectural drawings, current traffic conditions reported by Caltrans for I-880, and the DPM emission factors. Traffic studies conducted for the Silicon Valley Rapid Transit Corridor Final EIR indicate about a 20% increase in peak-hour traffic between 2000 and 2025. Therefore, a 25% increase was assumed to occur over the period 2005 to 2030. No increase in traffic was assumed for the period beyond 2030. The plan view showing the project and I-880 are shown in Figure 1. Results of the modeling along with the inputs are provided in Attachment 3.

Maximum concentrations of DPM would occur at the first row of proposed residences closest to I-880. The maximum individual cancer risks were computed using the methods recommended by BAAQMD and the California Office Of Environmental Health Hazard Assessment (OEHHA) that assume almost continuous exposure over a 70-year lifetime. This results in a DPM unit risk factor of 318.6 that is applied to the 70-year time weighted average DPM concentration to calculate the cancer risk.

Over the course of a 70-year lifetime exposure, the incremental risk of exposure to proposed project residences was calculated at about 9 excess cancer cases per million people, with the highest risk occurring at the proposed residences at lower levels closest to the freeway. The DPM concentrations decrease at positions further from the freeway.

Typically, the BAAQMD apply these criteria to new sources of toxic air contaminant emissions. This impact means that a new resident living at the project and spending much of their entire

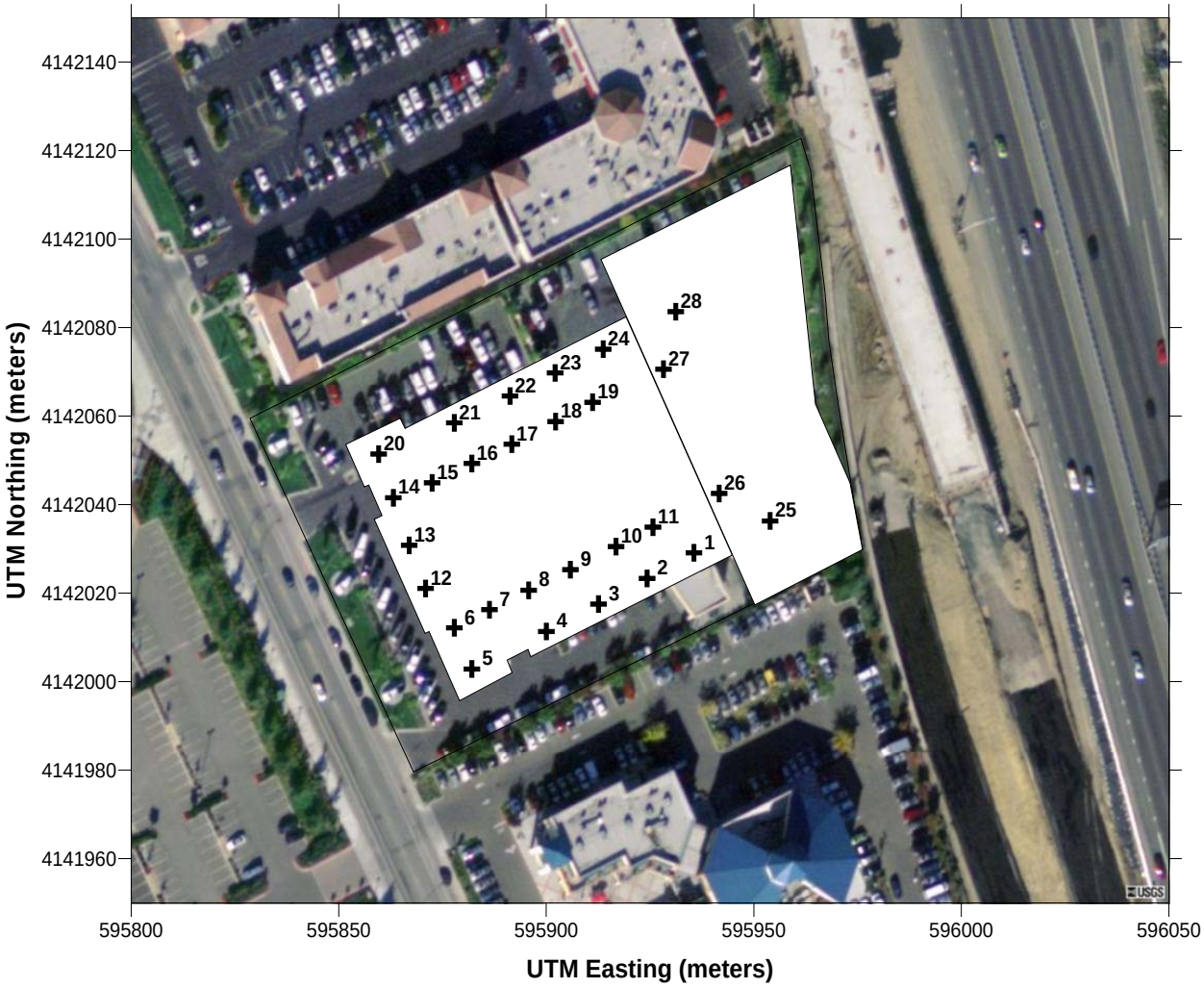
[3] -California Air Resources Board, *Risk Reduction Plan to Reduce Particulate Matter Emissions from Diesel Fueled Engines and Vehicles*,s2000.

[4] -California Air Resources Board http://www.arb.ca.gov/toxics/cti/hlthrisk/cncrinhl/riskmapviewfull.htm

[5] -Caltrans, Based on 2004 Average Annual Daily Truck Traffic on the California State Highway System - http://www.dot.ca.gov/hq/traffops/saferesr/trafdata/

lifetime at their residence could increase their chance of contracting cancer by up to 9 chances in a million from exposure to diesel exhaust emitted from I-880 traffic. The actual change in their risk would be dependent on the alternative environment that they would live. For example, a person moving from a heavily urbanized or industrialized area could reduce their chances of contracting cancer due to a lower overall exposure. Under the BAAQMD CEQA Guidelines, an incremental risk of greater than ten cases per million at the Maximally Exposed Individual or MEI (in this case being proposed residences near I-880) would result in a significant impact.

Figure 1 Barber Lane Project and Modeling Receptors



Other TAC Sources

The project is located within a commercial area and near an industrial area. The current inventory of Toxic Air Contaminant emissions maintained by the BAAQMD does not list any sources of TACs within one-quarter mile of the project site[6]. The list does not indicate that any gasoline service stations or dry cleaners are located within ¼-mile of the site.

[6] Bay Area Air Quality Management District, *Toxic Air Contaminant Control Program Annual Report 2002*, June 2004.

Construction Dust

During demolition, grading and construction activities, dust would be generated. Most of the dust would result during demolition and grading activities. The amount of dust generated would be highly variable and is dependent on the size of the area disturbed, amount of activity, soil conditions and meteorological conditions. Grading activities, which generally generate the most dust, would be minimal since the site is developed. Nearby land uses, especially those located to the south of the project could be adversely affected by dust generated during construction activities. Prevailing winds are from the north.

Although grading and construction activities would be temporary, they would have the potential to cause both nuisance and health air quality impacts. PM_{10} is the pollutant of greatest concern associated with dust. If uncontrolled, PM_{10} levels downwind of actively disturbed areas could possibly exceed State standards. In addition, dust fall on adjacent properties could be a nuisance. If uncontrolled, dust generated by demolition, grading and construction activities represents a potentially significant impact.

Mitigation Measures: Include measures to control dust emissions.

Implementation of the measures recommended by the BAAQMD and listed below would reduce the air quality impacts associated with grading and new construction to a less than significant level:

1. Water all active construction areas at least twice daily and more often during windy periods. Active areas adjacent to residences should be kept damp at all times.

2. Cover all hauling trucks or maintain at least two feet of freeboard. Dust-proof chutes shall be used as appropriate to load debris onto trucks during demolition.

3. Pave, apply water at least twice daily, or apply (non-toxic) soil stabilizers on all unpaved access roads, parking areas, and staging areas.

4. Sweep daily (with water sweepers) all paved access roads, parking areas, and staging areas and sweep streets daily (with water sweepers) if visible soil material is deposited onto the adjacent roads.

5. Hydroseed or apply (non-toxic) soil stabilizers to inactive construction areas (i.e., previously-graded areas that are inactive for 10 days or more).

6. Enclose, cover, water twice daily, or apply (non-toxic) soil binders to exposed stockpiles.

7. Limit traffic speeds on any unpaved roads to 15 mph.

8. Replant vegetation in disturbed areas as quickly as possible.

9. Suspend construction activities that cause visible dust plumes to extend beyond the construction site.

10. During renovation and demolition activities, removal or disturbance of any materials contains asbestos, lead paint or other hazardous pollutants will be conducted in accordance with BAAQMD rules and regulations

Construction Equipment Exhaust

Construction equipment and associated heavy-duty truck traffic generates diesel exhaust, which is a known Toxic Air Contaminant. The BAAQMD has not developed any procedures or guidelines for identifying these impacts from temporary construction activities where emissions are transient. They are typically evaluated for stationary sources (e.g., large compression ignition engines such as generators) in health risk assessments over the course of lifetime exposures (i.e., 24 hours per day over 70 years). Diesel exhaust poses both a health and nuisance impact to nearby receptors. These construction activities are expected to occur during a relatively short time, and therefore, the impacts are considered to be less than significant if reasonable available control measures are applied.

Mitigation Measures: Include measures to reduce diesel particulate matter exhaust from construction equipment.

1. Prohibit use of "dirty" equipment. Opacity is an indicator of exhaust particulate emissions from off-road diesel powered equipment. The project shall ensure that emissions from all construction diesel powered equipment used on the project site do not exceed 40 percent opacity for more than three minutes in any one hour. Any equipment found to exceed 40 percent opacity (or Ringelmann 2.0) shall be repaired immediately
2. The contractor shall install temporary electrical service whenever possible to avoid the need for independently powered equipment (e.g. compressors).
3. Diesel equipment standing idle for more than five minutes shall be turned off. This would include trucks waiting to deliver or receive soil, aggregate, or other bulk materials. Rotating drum concrete trucks could keep their engines running continuously as long as they were onsite and staged away from residential areas.
4. Properly tune and maintain equipment for low emissions.

Impact 4: Conflict with or obstruct implementation of the applicable air quality plan? *Significant and Unavoidable*

The City of Milpitas has substantially more jobs than employed residences (a jobs/housing ratio of about 1.4). The proposed project would create additional residential development and will incrementally improve the jobs/housing balance in the City. Providing housing for more of the City's workers is expected to help reduce traffic congestion, commute times, and regional air pollution levels. The project includes commercial and retail services that would accommodate the residential development. In addition, the project is served by local transit with direct connections to regional transit. Regional transit is located approximately ½-mile from the project site. However, the project would result in a General Plan amendment that would change the land use designation of the site from General Commercial to allow for mixed use high

density residential development which would increase population beyond that anticipated in the General Plan and therefore, would not be consistent with the latest Clean Air Plan.

Mitigation Measures: Include Clean Air Plan transportation control measures to reduce motor vehicle emissions.

To ensure incorporation of appropriate Clean Air Plan TCMs, the features listed below shall be included in the project. Implementation of the measures listed below along with the City's General Plan requirements would reduce vehicle-related emission in a manner consistent with the Clean Air Plan. However, a conflict between the project and the latest Clean Air Plan would remain, therefore, the impact would remain significant after mitigation.

- Bicycle amenities should be provided. This would include secure residential and employee bicycle parking, bicycle racks for retail customers and visitors, and bike lane connections.

- Pedestrian facilities should include easy access and signage to bus stops and roadways that serve the major site uses (e.g. retail and residential uses).

- Implement a landscape plan that provides shade trees along adjacent sidewalks.

- Project site employers should be required to promote transit use by providing transit information and incentives to employees.

- Consider requirements for unbundling a portion of the residential parking spaces.

Attachment 1

URBEMIS2002 MODEL OUTPUT

URBEMIS 2002 For Windows 8.7.0

File Name: <Not Saved>
Project Name: Barber Lane Mixed Residenital
Project Location: San Francisco Bay Area
On-Road Motor Vehicle Emissions Based on EMFAC2002 version 2.2

SUMMARY REPORT
(Pounds/Day - Summer)

AREA SOURCE EMISSION ESTIMATES

	ROG	NOx	CO	SO2	PM10
TOTALS (lbs/day,unmitigated)	26.60	3.78	4.34	0.00	0.02

OPERATIONAL (VEHICLE) EMISSION ESTIMATES

	ROG	NOx	CO	SO2	PM10
TOTALS (lbs/day,unmitigated)	41.69	46.88	486.02	0.38	57.73

SUM OF AREA AND OPERATIONAL EMISSION ESTIMATES

	ROG	NOx	CO	SO2	PM10
TOTALS (lbs/day,unmitigated)	68.29	50.67	490.36	0.38	57.74

URBEMIS 2002 For Windows 8.7.0

File Name: <Not Saved>
Project Name: Barber Lane Mixed Residenital
Project Location: San Francisco Bay Area
On-Road Motor Vehicle Emissions Based on EMFAC2002 version 2.2

DETAIL REPORT
(Pounds/Day - Summer)

AREA SOURCE EMISSION ESTIMATES (Summer Pounds per Day, Unmitigated)

Source	ROG	NOx	CO	SO2	PM10
Natural Gas	0.29	3.77	2.00	0	0.01
Hearth - No summer emissions					
Landscaping	0.37	0.01	2.34	0.00	0.01
Consumer Prdcts	18.30	-	-	-	-
Architectural Coatings	7.65	-	-	-	-
TOTALS(lbs/day,unmitigated)	26.60	3.78	4.34	0.00	0.02

UNMITIGATED OPERATIONAL EMISSIONS

	ROG	NOx	CO	SO2	PM10
Condo/townhouse high rise	22.66	23.82	251.66	0.20	29.63
Strip mall	10.95	13.25	132.76	0.10	15.83
General office building	8.07	9.80	101.60	0.08	12.26
TOTAL EMISSIONS (lbs/day)	41.69	46.88	486.02	0.38	57.73

Does not include correction for passby trips.
Does not include double counting adjustment for internal trips.

OPERATIONAL (Vehicle) EMISSION ESTIMATES

Analysis Year: 2010 Temperature (F): 85 Season: Summer

EMFAC Version: EMFAC2002 (9/2002)

Summary of Land Uses:

Unit Type	Acreage	Trip Rate	No. Units	Total Trips
Condo/townhouse high rise	5.84	7.10 trips/dwelling unit	374.00	2,655.40
Strip mall		34.80 trips/1000 sq. ft.	58.25	2,027.10
General office building		18.80 trips/1000 sq. ft.	58.15	1,093.22
		Sum of Total Trips		5,775.72
		Total Vehicle Miles Traveled		37,964.74

Vehicle Assumptions:

Fleet Mix:

Vehicle Type	Percent Type	Non-Catalyst	Catalyst	Diesel
Light Auto	54.70	1.10	98.70	0.20
Light Truck < 3,750 lbs	15.20	2.00	96.00	2.00
Light Truck 3,751- 5,750	16.20	1.20	98.10	0.70
Med Truck 5,751- 8,500	7.30	1.40	95.90	2.70
Lite-Heavy 8,501-10,000	1.10	0.00	81.80	18.20
Lite-Heavy 10,001-14,000	0.30	0.00	66.70	33.30
Med-Heavy 14,001-33,000	1.00	0.00	20.00	80.00
Heavy-Heavy 33,001-60,000	0.90	0.00	11.10	88.90
Line Haul > 60,000 lbs	0.00	0.00	0.00	100.00
Urban Bus	0.20	0.00	50.00	50.00
Motorcycle	1.60	68.80	31.20	0.00
School Bus	0.10	0.00	0.00	100.00
Motor Home	1.40	7.10	85.70	7.20

Travel Conditions

	Residential			Commercial		
	Home-Work	Home-Shop	Home-Other	Commute	Non-Work	Customer
Urban Trip Length (miles)	11.8	4.6	6.1	11.8	5.0	5.0
Rural Trip Length (miles)	15.0	10.0	10.0	15.0	10.0	10.0
Trip Speeds (mph)	30.0	30.0	30.0	30.0	30.0	30.0
% of Trips - Residential	27.3	21.2	51.5			

% of Trips - Commercial (by land use)			
Strip mall	2.0	1.0	97.0
General office building	35.0	17.5	47.5

Changes made to the default values for Land Use Trip Percentages

The Trip Rate and/or Acreage values for Condominium/townhouse high rise
have changed from the defaults 5.26/5.84 to 7.1/5.84

Changes made to the default values for Area

Changes made to the default values for Operations

The pass by trips option switch changed from on to off.
The operational emission year changed from 2005 to 2010.

Attachment 1 - CO Screening Calculations

Barber Lane - Milpitas
CARBON MONOXIDE ANALYSIS

PM Peak Hour
Assumes worst case of all intersections based on total volume, LOS and project traffic contribution

Intersection	Traffic Volume: Existing (2006)	Traffic Volume: Background (2015)	Traffic Volume: Project Trip Assignment (2015)	Traffic Volume: Cumulative (2015)	1-Hour CO Contribution: Existing (2006)	1-Hour CO Contribution: Background (2015)	1-Hour CO Contribution: Project Trip Assignment (2015)	1-Hour CO Contribution: Cumulative (2015)	Total 1-Hour CO Concentration: Existing (2006)	Total 1-Hour CO Concentration: Background (2015)	Total 1-Hour CO Concentration: Project Trip Assignment (2015)	Total 1-Hour CO Concentration: Cumulative (2015)	Total 8-Hour CO Concentration: Existing (1997)	Total 8-Hour CO Concentration: Background (2015)	Total 8-Hour CO Concentration: Project Trip Assignment (2015)	Total 8-Hour CO Concentration: Cumulative (2015)
Link: Int 3: S. Abel St. and W. Calaveras Blvd.									14.5	10.1	5.6	10.1	10.3	7.2	4.0	7.2
W. Calaveras Blvd (6-lane)	7400	9073	120	9193	8.3	4.2	0.1	4.2								
S. Abel St. (4-lane)	2008	2509	26	2535	0.8	0.4	0.0	0.4								
* Indicates primary roadway (due to higher volume)																

Emission Factors (EMFAC2002 - 5mph)
Santa Clara County

LOS E or F (5mph)	2006 (5 mph)	11.8	g/mi
|	2006 (10mph)	9.6	
|	2015 (5 mph)	4.8	g/mi
V	2015 (10 mph)	4.0	g/mi

Background CO Levels -

1-Hour	8-Hour
5.5	4

Dispersion Factors

		Edge
Primary		
	2 Ln	14.0
	4 Ln	11.9
	6 Ln	9.5
Secondary		
	2 Ln	3.7
	4 Ln	3.3
	6 Ln	2.8

Barber Lane - Milpitas
CARBON MONOXIDE ANALYSIS

PM Peak Hour
Assumes worst case of all intersections based on total volume, LOS and project traffic contribution

Intersection	Traffic Volume: Existing (2006)	Traffic Volume: Background (2015)	Traffic Volume: Project Trip Assignment (2015)	Traffic Volume: Cumulative (2015)	1-Hour CO Contribution: Existing (2006)	1-Hour CO Contribution: Background (2015)	1-Hour CO Contribution: Project Trip Assignment (2015)	1-Hour CO Contribution: Cumulative (2015)	Total 1-Hour CO Concentration: Existing (2006)	Total 1-Hour CO Concentration: Background (2015)	Total 1-Hour CO Concentration: Project Trip Assignment (2015)	Total 1-Hour CO Concentration: Cumulative (2015)	Total 8-Hour CO Concentration: Existing (2006)	Total 8-Hour CO Concentration: Background (2015)	Total 8-Hour CO Concentration: Project Trip Assignment (2015)	Total 8-Hour CO Concentration: Cumulative (2015)
Link: Intersection 9: Alder Dr. and Tasman Dr.									11.7	9.5	5.6	9.6	8.4	6.8	4.0	6.8
Tasman Dr (6-lane)	5210	8150	90	8240	5.8	3.7	0.0	3.8								
Alder Dr. (4-lane)	1078	1638	90	1728	0.4	0.3	0.0	0.3								
* Indicates primary roadway (due to higher volume)																

Emission Factors (EMFAC2002 - 5mph)
Alameda County

LOS E or F (5mph)	2006 (5 mph)	11.8	g/mi
|	2006 (10mph)	9.6	
|	2015 (5 mph)	4.8	g/mi
V	2015 (10 mph)	4.0	g/mi

Background CO Levels -

1-Hour	8-Hour
5.5	4

Dispersion Factors

		Edge
Primary		
	2 Ln	14.0
	4 Ln	11.9
	6 Ln	9.5
Secondary		
	2 Ln	3.7
	4 Ln	3.3
	6 Ln	2.8

Attachment 3 – DPM Modeling Inputs and Results

I-880 DPM Risk Modeling Parameters and Cancer Risk for Proposed Barber Lane Developmen

(Revised 4/1/07)

Roadway Information

Number of Lanes = 6 (3 each direction)

Lane Width = 12 feet

Daily Traffic Volume	**2010** *Vech/Day*	**2010** *% Diesel*	**2010** *No. Diesel*	**2015** *Vech/Day*	**2015** *% Diesel*	**2015** *No. Diesel*	**2020** *Vech/Day*	**2020** *% Diesel*	**2020** *No. Diesel*	**2030** *Vech/Day*	**2030** *% Diesel*	**2030** *No. Diesel*
LDA	100,110	0.19%	188	104,758	0.19%	194	109,644	0.00%	0	119,394	0.00%	0
LDT	58,473	0.89%	522	61,377	0.60%	371	64,042	0.30%	192	69,395	0.00%	0
MDT	4,021	5.68%	228	4,212	5.81%	245	4,404	5.95%	262	4,787	5.95%	285
HDT	4,346	90.00%	3911	4,553	90.32%	4112	4,760	90.32%	4299	5,174	86.21%	4460
Total	166,950	2.91%	4,850	174,900	2.81%	4,922	182,850	2.60%	4,753	198,750	2.39%	4,745

CAL3QHC Link/Source Information

Num of Links = 2 (1 northbound & 1 southbound)

Link Length = 3450 feet 1,051 meters

Link Width- North = 56 feet 17.1 meters

Source Height North = 9.8 feet 3 meters

Link Width South = 56 feet 17.1 meters

Source Height South = 9.8 feet 3 meters

DPM Emission Factors

Model EMFAC2007

County Santa Clara

2010 Average Emission Factors **Diesel Vehicles/hour: 202.1**

Speed	*DPM EF (g/mi)*				
(mph)	**LDA**	**LDT**	***MDT***	***HDT***	***Veh. Weighted Average***
55	-	-	-	0.384	0.3094
60	-	-	0.031		0.0015
65	0.082	0.036	-	-	0.0071
					0.31790 <--Total

2015 Average Emission Factors **Diesel Vehicles/hour: 205.1**

Speed	*DPM EF (g/mi)*				
(mph)	**LDA**	**LDT**	***MDT***	***HDT***	***Veh. Weighted Average***
55	-	-	-	0.234	0.1952
60	-	-	0.024		0.0012
65	0.068	0.034	-	-	0.0052
					0.20163 <--Total

2020 Average Emission Factors **Diesel Vehicles/hour: 198.0**

Speed	*DPM EF (g/mi)*				
(mph)	**LDA**	**LDT**	***MDT***	***HDT***	***Veh. Weighted Average***
55	-	-	-	0.157	0.1417
60	-	-	0.019		0.0010
65	0.056	0.033	-	-	0.0013
					0.14410 <--Total

2030 Average Emission Factors **Diesel Vehicles/hour: 197.7**

Speed	*DPM EF (g/mi)*				
(mph)	**LDA**	**LDT**	***MDT***	***HDT***	***Veh. Weighted Average***
55	-	-	-	0.101	0.0948
60	-	-	0.013		0.0008
65	0.026	0.000	-	-	0.0000
					0.09559 <--Total

Meteorological Conditions

San Jose Airport 1992-1995 & 1997 Hourly Met Data

Land Use Classification Urban

Stability class = variable

Wind speed = variable

Wind direction = variable

Surface roughness = 100 cm

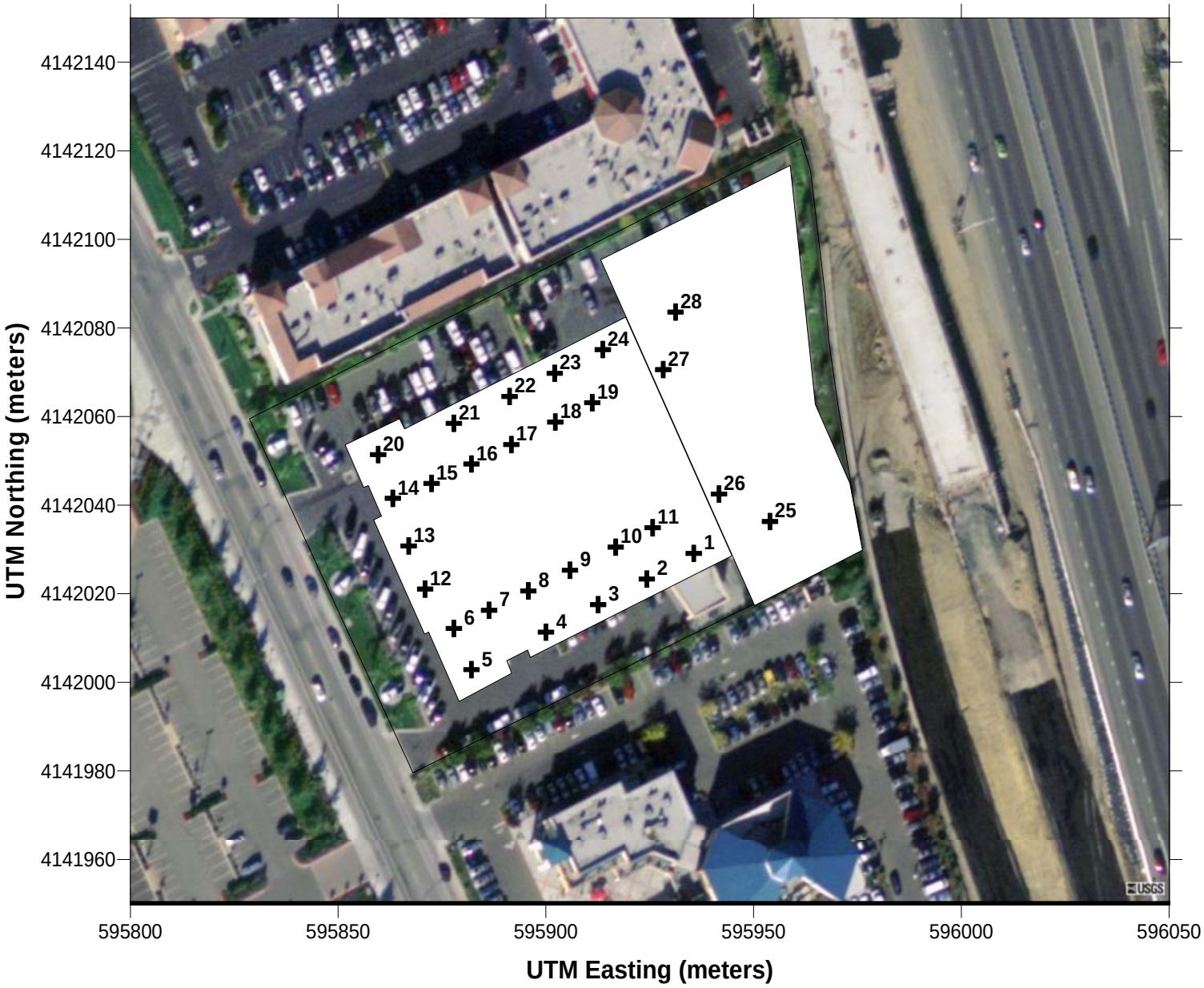
Receptor Information

Number of Receptors 28

Receptor Ht (5th Floor)= 69.9 feet (21.3.1 meters)

Receptor Ht (8th Floor)= 99.9 feet (30.45 meters)

Receptor distances = variable


4142140
4142120
4142100
4142080
4142060
4142040
4142020
4142000
4141980
4141960
UTM Northing (meters)
595800
595850
595900
595950
596000
596050
UTM Easting (meters)
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USGS

Residential Cancer Risk Calculation Method

Inhalation Dose = C_{air} x DBR x A x EF x ED x 10^{-6} / AT

Where: C_{air} = concentration in air (µg/m^3)
DBR = daily breathing rate (L/kg body weight-day)
A = Inhalation absorption factor
EF = Exposure frequency (days/year)
ED = Exposure duration (years)
AT = Averaging time period over which exposure is averaged.
10^{-6} = Conversion factor

Cancer Risk (per million) = CPF x Inhalation Dose x 1.0E6
= URF x Cair
Where: CPF = Cancer potency factor (mg/kg-day)$^{-1}$
URF =Unit risk factor (cancer risk per µg/m^3)

Residential Inhalation Dose Factors

Variable	Value[1]
C_{air}	varies by location
DBR	302 L/kg BW -day
A	1
EF	350 days/year
ED	70 years
AT	25,550 days for 70 yrs

[1] Default values recommended by OEHHA& BAAQMD

Diesel Particulate Matter

Variable	Value[1]
CPF	1.10E+00 (mg/kg-day)$^{-1}$
URF	***318.55 Risk/10^6 per µg/m^3***

Cancer Risk Calculations

5th Floor Residential Receptors (Receptor Nos. 1 - 24)

Meteorological Data Year	Maximum DPM Concentration (ug/m^3)				Minimum DPM Concentration (ug/m^3)			
	2010	2015	2020	2030	2010	2015	2020	2030
1992	0.0748	0.0481	0.0332	0.0220	0.0431	0.0277	0.0191	0.0126
1993	0.0740	0.0476	0.0329	0.0218	0.0428	0.0275	0.0190	0.0126
1994	0.0745	0.0479	0.0331	0.0219	0.0422	0.0272	0.0187	0.0124
1995	0.0708	0.0456	0.0315	0.0208	0.0410	0.0264	0.0182	0.0120
1997	0.0668	0.0430	0.0297	0.0197	0.0369	0.0237	0.0164	0.0108
Average	**0.0722**	**0.0464**	**0.0321**	**0.0212**	**0.0412**	**0.0265**	**0.0183**	**0.0121**
Cancer Risk[a]	23.0	14.8	10.2	6.8	13.1	8.4	5.8	3.8
70-yr Cumulative Risk[b]	**9.0**				**5.1**			

Notes:
Maximum concentrations occur at Receptor No. 1 (closest to highway, southeast corner of residences)
Minimum concentration occurs at Receptor 20 (near northwest corner of residences, farthest from highway)
Receptor Height = 20.1 m
a Cancer risk calculated assuming constant 70-year exposure to concentration for year of analysis.
b Cumulative cancer risk calculated assuming variable exposure over a 70-yaer period due to decreased concentrations over time.

8th Floor Residential Receptors (Receptor Nos. 1 - 28)

Meteorological Data Year	Maximum DPM Concentration (ug/m^3)				Minimum DPM Concentration (ug/m^3)			
	2010	2015	2020	2030	2010	2015	2020	2030
1992	0.0671	0.0432	0.0298	0.0198	0.0365	0.0235	0.0162	0.0107
1993	0.0669	0.0431	0.0297	0.0197	0.0364	0.0234	0.0161	0.0107
1994	0.0683	0.0440	0.0303	0.0201	0.0361	0.0232	0.0160	0.0106
1995	0.0636	0.0410	0.0282	0.0187	0.0347	0.0224	0.0154	0.0102
1997	0.0613	0.0395	0.0272	0.0181	0.0314	0.0202	0.0139	0.0092
Average	**0.0654**	**0.0422**	**0.0290**	**0.0193**	**0.0350**	**0.0225**	**0.0155**	**0.0103**
Cancer Risk[a]	20.8	13.4	9.3	6.1	11.2	7.2	4.9	3.3
70-yr Cumulative Risk[b]	**8.2**				**4.4**			

Notes:
Maximum concentrations occur at Receptor No. 25 (closest to highway, southeast corner of residences)
Minimum concentration occurs at Receptor 20 (near northwest corner of residences, farthest from highway)
Receptor Height = 30.5 m
a Cancer risk calculated assuming constant 70-year exposure to concentration for year of analysis.
b Cumulative cancer risk calculated assuming variable exposure over a 70-yaer period due to decreased concentrations over time.

Interstate 880 Traffic Data and Diesel PM Emission Factors
For 2010- Santa Clara Co.

Vehicle Type	2005 CalTrans Number Vehicles (veh/day)	2010 Number Vehicles (veh/day)	2010 Percent Diesel	Number Diesel	Avg. DPM EF (g/VMT)	Vehicle Speed (mph)	Total Vehicle Emissions (g/mi)
LDA	95,343	100,110	0.19%	188	0.0820	65	15.43
LDT	55,689	58,473	0.89%	522	0.0360	65	18.79
MDT	3,830	4,021	5.68%	228	0.0310	60	7.08
HDT	4,139	4,346	90.00%	3911	0.3836	55	1500.51
Total	159,000	166,950	-	4,850	-	-	1,541.82
Diesel Vech Avg DPM EF					**0.31790**		
Mix Avg DPM EF					0.00924		
Increase From 2005		**1.05**					
Vehicles/Direction		83,475		2425			
Vehicles/Hour/Direction		3,478		**101.0**			

CalTrans 2005 Truck AADT Data	Total	Total Truck	Truck by Axle 2	3	4	5
I880 -San Jose,Jct. Rte. 101,MP 4.078 B	145000	6076	3310	870	127	1769
I880 -Jct. Rte. 237,MP 8422 A	173000	9861	4349	1824	444	3244
Avg I880 - SJ Rte 101 & Jct Rte 237	159000	7,969	3829.5	1347	285.5	2506.5

		Normalized Fraction
LDA fraction =	0.553	0.63128
LDT1 fraction =	0.118	-
LDT2 fraction =	0.205	-
LDT fraction =	-	0.36872
Total	0.876	1.00000

= Input from 2005 Truck AADT Data

= User scalar for increase from 2005 data to analysis year

Interstate 880 Traffic Data and Diesel PM Emission Factors
For 2015- Santa Clara Co.

Vehicle Type	2005 CalTrans Number Vehicles (veh/day)	2015 Number Vehicles (veh/day)	2015 Percent Diesel	Number Diesel	Avg. DPM EF (g/VMT)	Vehicle Speed (mph)	Total Vehicle Emissions (g/mi)
LDA	95,234	104,758	0.19%	194	0.0680	65	13.22
LDT	55,797	61,377	0.60%	371	0.0340	65	12.61
MDT	3,830	4,212	5.81%	245	0.0240	60	5.88
HDT	4,139	4,553	90.32%	4112	0.2336	55	960.81
Total	159,000	174,900	-	4,922	-	-	992.51
Diesel Vech Avg DPM EF					**0.20163**		
Mix Avg DPM EF					0.00567		
Increase From 2005		**1.10**					
Vehicles/Direction		87,450		2461			
Vehicles/Hour/Direction		3,644		**102.6**			

CalTrans 2005 Truck AADT Data	Total	Total Truck	Truck by Axle 2	3	4	5
I880 -San Jose,Jct. Rte. 101,MP 4.078 B	145000	6076	3310	870	127	1769
I880 -Jct. Rte. 237,MP 8422 A	173000	9861	4349	1824	444	3244
Avg I880 - SJ Rte 101 & Jct Rte 237	159000	7,969	3829.5	1347	285.5	2506.5

		Normalized Fraction
LDA fraction =	0.553	0.63056
LDT1 fraction =	0.117	-
LDT2 fraction =	0.207	-
LDT fraction =	-	0.36944
Total	0.877	1.00000

= Input from 2005 Truck AADT Data

= User scalar for increase from 2005 data to analysis year

Interstate 880 Traffic Data and Diesel PM Emission Factors
For 2020- Santa Clara Co.

Vehicle Type	2005 CalTrans Number Vehicles (veh/day)	2020 Number Vehicles (veh/day)	2020 Percent Diesel	Number Diesel	Avg. DPM EF (g/VMT)	Vehicle Speed (mph)	Total Vehicle Emissions (g/mi)
LDA	95,343	109,644	0.00%	0	0.0560	65	0.00
LDT	55,689	64,042	0.30%	192	0.0330	65	6.33
MDT	3,830	4,404	5.95%	262	0.0190	60	4.98
HDT	4,139	4,760	90.32%	4299	0.1567	55	673.60
Total	159,000	182,850	-	4,753	-	-	684.90
Diesel Vech Avg DPM EF					**0.14410**		
Mix Avg DPM EF					0.00375		
Increase From 2005		**1.15**					
Vehicles/Direction		91,425		2377			
Vehicles/Hour/Direction		3,809		**99.0**			

CalTrans 2005 Truck AADT Data	Total	Total Truck	Truck by Axle 2	3	4	5
I880 -San Jose,Jct. Rte. 101,MP 4.078 B	145000	6076	3310	870	127	1769
I880 -Jct. Rte. 237,MP 8422 A	173000	9861	4349	1824	444	3244
Avg I880 - SJ Rte 101 & Jct Rte 237	159000	7,969	3829.5	1347	285.5	2506.5

		Normalized Fraction
LDA fraction =	0.553	0.63128
LDT1 fraction =	0.116	-
LDT2 fraction =	0.207	-
LDT fraction =	-	0.36872
Total	0.876	1.00000

= Input from 2005 Truck AADT Data

= User scalar for increase from 2005 data to analysis year

Interstate 880 Traffic Data and Diesel PM Emission Factors
For 2030- Santa Clara Co.

Vehicle Type	2005 CalTrans Number Vehicles (veh/day)	2030 Number Vehicles (veh/day)	2030 Percent Diesel	Number Diesel	Avg. DPM EF (g/VMT)	Vehicle Speed (mph)	Total Vehicle Emissions (g/mi)
LDA	95,515	119,394	0.00%	0	0.0260	65	0.00
LDT	55,516	69,395	0.00%	0	0.0000	65	0.00
MDT	3,830	4,787	5.95%	285	0.0134	60	3.82
HDT	4,139	5,174	86.21%	4460	0.1008	55	449.76
Total	159,000	198,750	-	4,745	-	-	453.58
Diesel Vech Avg DPM EF					**0.09559**		
Mix Avg DPM EF					0.00228		
Increase From 2005		**1.25**					
Vehicles/Direction		99,375		2373			
Vehicles/Hour/Direction		4,141		**98.9**			

CalTrans 2005 Truck AADT Data	Total	Total Truck	Truck by Axle 2	3	4	5
I880 -San Jose,Jct. Rte. 101,MP 4.078 B	145000	6076	3310	870	127	1769
I880 -Jct. Rte. 237,MP 8422 A	173000	9861	4349	1824	444	3244
Avg I880 - SJ Rte 101 & Jct Rte 237	159000	7,969	3829.5	1347	285.5	2506.5

		Normalized Fraction
LDA fraction =	0.554	0.63242
LDT1 fraction =	0.115	-
LDT2 fraction =	0.207	-
LDT fraction =	-	0.36758
Total	0.876	1.00000

= Input from 2005 Truck AADT Data

= User scalar for increase from 2005 data to analysis year

APPENDIX D

TREE SURVEY

06-88 Landmark Tower 11-20-06					
Tree #	**Common Name**	**Scientific Name**	**Circumference in Inches at 4.5 Feet Above Grade**	**Health and Vigor**	**Notes**
1	Podocarpus	*Podocarpus sp.*	28.5	3	
2	Purple Leaf Plum	*Prunus cerasifera*	11.5	3	
3	Podocarpus	*Podocarpus sp.*	28.5	3	
4	Purple Leaf Plum	*Prunus cerasifera*	13	3	
5	Podocarpus	*Podocarpus sp.*	26	3	
6	Purple Leaf Plum	*Prunus cerasifera*	13	3	
7	Podocarpus	*Podocarpus sp.*	25.5	3	
8	Purple Leaf Plum	*Prunus cerasifera*	10	3	
9	Podocarpus	*Podocarpus sp.*	23	3	
10	Purple Leaf Plum	*Prunus cerasifera*	9.5	3	
11	Podocarpus	*Podocarpus sp.*	26	3	
12	Purple Leaf Plum	*Prunus cerasifera*	11	3	
13	Podocarpus	*Podocarpus sp.*	20	3	
14	Purple Leaf Plum	*Prunus cerasifera*	14	3	
15	Podocarpus	*Podocarpus sp.*	21	3	
16	Purple Leaf Plum	*Prunus cerasifera*	7	3	
17	Podocarpus	*Podocarpus sp.*	23	3	
18	Podocarpus	*Podocarpus sp.*	21	3	
19	Purple Leaf Plum	*Prunus cerasifera*	11	3	
20	Purple Leaf Plum	*Prunus cerasifera*	11	3	
21	Liquid Amber	*Liquidambar styraciflua*	8	3	
22	Purple Leaf Plum	*Prunus cerasifera*	12	3	
23	Podocarpus	*Podocarpus sp.*	30	3	
24	Podocarpus	*Podocarpus sp.*	32	3	
25	California Pepper	*Schinus molle*	18	3	
26	Podocarpus	*Podocarpus sp.*	20.5	3	
27	Podocarpus	*Podocarpus sp.*	17	3	
28	Podocarpus	*Podocarpus sp.*	22	3	
29	Mexican Fan Palm	*Washingtonia sp.*	80	3	
30	Plume Palm	*Cocos plumosa*	38	3	
31	Plume Palm	*Cocos plumosa*	29.5	3	
32	Plume Palm	*Cocos plumosa*	36	3	
33	Plume Palm	*Cocos plumosa*	39	3	
34	Plume Palm	*Cocos plumosa*	37	3	
35	Plume Palm	*Cocos plumosa*	31	3	
*0=Dead 1=Very Low Vigor 2=Low Vigor 3=Moderate Vigor 4=High Vigor 5=Very High Vigor					

06-88 Landmark Tower 11-20-06					
Tree #	**Common Name**	**Scientific Name**	**Circumference in Inches at 4.5 Feet Above Grade**	**Health and Vigor**	**Notes**
36	Plume Palm	*Cocos plumosa*	30	3	
37	Plume Palm	*Cocos plumosa*	28	3	

TREE SURVEY

FIGURE 1

APPENDIX E

GEOTECHNICAL FEASIBILITY STUDY

TRC Lowney

Geotechnical Feasibility Investigation

Barber Lane Mixed Use Development

Milpitas, California

Report No. 858-48 has been prepared for:

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FIGURE 2 — SITE PLAN
FIGURE 3 — NEARBY PROJECT LOCATION PLAN
FIGURE 4 — REGIONAL FAULT MAP

GEOTECHNICAL FEASIBILITY INVESTIGATION
BARBER LANE MIXED-USE DEVELOPMENT
MILPITAS, CALIFORNIA

1.0 INTRODUCTION

In this report we present the results of our geotechnical feasibility investigation for the Barber Lane Mixed-Use Development to be located in Milpitas, California. The location of the site is shown on the Vicinity Map, Figure 1. The purpose of our feasibility investigation was to review published information and our files to provide preliminary geotechnical conclusions and recommendations for your planning and conceptual design of the future mixed-use development.

1.1 Project Description

The proposed mixed-use development will include a U-shaped, 18-story residential tower structure, with the lower four levels consisting of commercial/office/retail space. The commercial space will also extend between the legs of the U-shaped structure. A roof garden will be located at the fifth level. An attached parking structure will be located along the east side of the mixed-use structure. The parking structure will be approximately 8 to 10 stories above grade with one-half to two stories below grade. If the parking structure will extend more than one-half level below grade, then the below grade parking will extend below both the parking and the mixed-use structures.

1.2 Scope of Services

Our scope of services was presented in detail in our agreement with you dated June 12, 2006. To accomplish this work, we provided the following services:

- Review available published data and our files for local site conditions.
- Engineering analysis to prepare preliminary recommendations on site earthwork, building foundations, and slabs-on-grade.
- Preparation of this report to summarize our preliminary findings and to present our conclusions and recommendations.

We are also providing environmental services for this project and will provide our conclusions and recommendations under a separate cover.

2.0 SITE CONDITIONS

2.2 Surface

The approximately 4-acre site, as shown on the Site Plan, Figure 2, is located on the east side of Barber Lane between Tasman Drive to the south and Bellew Drive to the north; Highway 880 exists along the east property line. The site is currently developed with a car dealership, which is not in use at this time. At the time of our site visit, the car dealership office building remained on site and was being used for

an Asian Art and Ceramics show. We understand the site was previously used for agricultural development. The site appeared relatively level, with minor topographic relief for drainage.

2.3 Subsurface

The site is located near the central portion of the Santa Clara Valley and is underlain by stiff alluvial materials that were deposited by meandering streams and rivers. We have reviewed our files for subsurface conditions at nearby sites, and have presented a generalization for the subsurface soil conditions to expect at the site. The locations of the projects that we used in our file review are shown on Figure 3.

In the general vicinity of the site area, we encountered fine-grained, moderately compressible soils consisting of soft to very stiff silts and clays with occasional interbedded discontinuous layers of loose to dense silty sands and gravels. The granular layers were typically 1 to 12 feet thick. The maximum depth explored at nearby sites ranged from 41½ to 100 feet below the existing grade surface at the time of exploration.

In some explorations near the site, we encountered loose surficial sandy soils to a maximum depth of approximately 12 feet. In addition, while no fills were encountered in our borings performed in the vicinity of the site, there may be minor fill material associated with the previous development of the site. We recommend that site specific subsurface exploration be performed during the design-level geotechnical investigation to characterize the subsurface soils for foundation design.

Plasticity Index (PI) testing of the surficial soils in the vicinity of the site west of 880 resulted in a PIs ranging from 10 to 16, indicating low plasticity and expansion potential. PI testing at a site east of 880 resulted in a PI of 32, indicating high plasticity and expansion potential. Additional plasticity index testing should be performed during the design-level investigation to collect site-specific data.

At one of our nearby sites, we encountered moderate levels of soluble sulfates in the near surface soils, which can detrimentally attack buried concrete. We recommend laboratory testing and evaluation be performed during a design level investigation to address the corrosive potential of the near surface soils at the site.

2.4 Ground Water

Based on our previous exploration in the site area, free ground water was encountered during subsurface exploration at depths ranging from approximately 9½ to 18½ feet. Based on the depth to ground water maps and CGS maps, ground water levels in the vicinity are known to be at depths on the order of 5 to 10 feet. Fluctuations in the level of the ground water may occur due to variations in rainfall, underground drainage patterns, and other factors not evident at the time we performed our explorations.

3.0 GEOLOGIC HAZARDS

A brief qualitative evaluation of geologic hazards was made during this investigation. Our comments concerning these hazards are presented below.

3.1 Fault Rupture Hazard

The San Francisco Bay Area is one of the most seismically active regions in the United States. The significant earthquakes that occur in the Bay Area are generally associated with crustal movement along well-defined, active fault zones of the San Andreas Fault system, which regionally trend in a northwesterly direction. Table 2 lists the active faults within 25 kilometers of the site:

Table 1. Approximate Distance to Seismic Sources

Fault	Distance (miles)	Closest Distance (kilometers)
Hayward (Southeast Extension)	2.8	4.5
Hayward (Total Length)	5.3	8.5
Calaveras	7.5	12.0
Monte Vista - Shannon	11.1	17.9
San Andreas (1906)	14.7	23.7

A Regional Fault Map illustrating known active faults relative to the site is presented in Figure 3. The site is not located within a currently designated Alquist-Priolo Earthquake Fault Zone (known formerly as a Special Studies Zone) or a Santa Clara County Fault Hazard Zone. As shown on Figure 3, the Silver Creek Fault zone is located about 4,000 feet west of the project site. This portion of the Silver Creek Fault zone is not considered to be a hazard to surface structures, generally due to the thick alluvial soils in the area, which extend to about 500 feet (Rogers and Williams 1974). Due to the alluvial depths, any potential movement from the fault zone would have to shear through the overlying alluvium in order to experience fault rupture at the surface. Therefore, since no known surface expression of active faults is believed to cross the site, fault rupture through the site is not anticipated.

3.2 Ground Shaking

3.2.1 Maximum Estimated Ground Shaking

The Probabilistic Seismic Hazard Analysis (PSHA) performed by the California Geological Survey, indicates that a peak horizontal ground acceleration of 0.53g at the site has a 10 percent probability of exceedance in 50 years.

3.2.2 Future Earthquake Probabilities

Although research on earthquake prediction has greatly increased in recent years, seismologists cannot predict when or where an earthquake will occur. The U.S. Geological Survey's Working Group on California Earthquake Probabilities (2003), referred to as WG02, determined there is a 62 percent chance of at least one magnitude 6.7 or greater earthquake striking the San Francisco Bay region between 2003 and 2032. This result is an important outcome of WG02's work, because any major earthquake can cause damage throughout the region.

The 1989 Loma Prieta earthquake demonstrated this potential by causing severe damage in Oakland and San Francisco, more than 50 miles from the fault rupture. Although earthquakes can cause damage at a considerable distance, shaking will be very intense near the fault rupture. Therefore, earthquakes located in urbanized areas of the region have the potential to cause much more damage than the 1989 Loma Prieta earthquake.

3.3 Liquefaction

The site is located within an area zoned by the State of California as having potential for seismically induced liquefaction hazards (CGS, 2004 – Milpitas Quadrangle) and in a Santa Clara County Geologic Hazard Zone (Santa Clara County, 2003) mapped liquefaction zone. During cyclic ground shaking, such as during earthquakes, cyclically induced stresses may cause increased pore water pressures within the soil matrix, resulting in liquefaction. Liquefied soil may lose shear strength that may lead to large shear deformations and/or flow failure under moderate to high shear stresses, such as beneath foundations or sloping ground (NCEER/NSF, 1998), and in many ways may behave more like a liquid than a solid. Liquefied soil can also settle (compact) as pore pressures dissipate following an earthquake. Limited field data is available on this subject; however, in some cases, settlement on the order of 2 to 3 percent of the thickness of the liquefied zone has been measured.

Soils most susceptible to liquefaction are loose to moderately dense, saturated non-cohesive soils with poor drainage, such as sands and silts with interbedded or capping layers of relatively low permeability soil.

As noted in the subsurface description above, we encountered several sand and silt layers below the ground water at projects near the site. During our previous investigations, these layers were evaluated to assess liquefaction potential. Our analyses indicated that several sand layers at the various project site theoretically can liquefy. At our project sites west of Highway 880, we estimated liquefaction-induced settlements on the order of ½ to 2 inches. At our project sites east of Highway 880, we estimated liquefaction-induced settlements on the order of 3½ to 4½ inches at one site and up to 7 inches at another. At a site across Barber Lane from the project site, we encountered loose silty materials to a depth of 10 to 12 feet. If similar loose sandy/silty materials below the ground water are encountered at the project site, significant liquefaction-induced settlements would be anticipated.

In addition, if two-levels of below grade parking is constructed, the large excavation needed would reduce the over-burden stress of the soils below. The reduced over-burden stress may indicate that more soil layers may be theoretically liquefiable at the site, potentially increasing the settlements.

Estimates of volumetric change and settlement for our previous projects were determined by the Ishihara and Yoshimine (1990) method. As discussed in the SCEC report, differential movement for level ground, deep soil sites, will be on the order of half the total estimated settlement. The methods of analysis used to determine estimated total settlement do not take into account the possibility of surface ground rupture. In order for liquefaction induced sand boils or fissures to occur, the pore water pressure induced within the liquefied strata must exert a large enough force to break through the surface layer. Based on work by Youd and Garris (1995), a capping layer of non-liquefiable material on the order of 4½ to 5-feet-thick is adequate to

prevent the occurrence of ground surface rupture for a liquefiable layer on the order of 2½ to 3 feet in thickness. At a majority of our nearby project sites, we encountered a sufficient cap of non-liquefiable material to prevent ground rupture at the site; however, at our projects east of Highway 880 and north of Highway 237, we did not encounter a sufficiently thick cap to prevent ground rupture. If an analysis of the adjacent site were performed based on current standard of practice, ground rupture would be likely. In addition, according to work done by Youd and Hoose (1978), several locations in the vicinity of the project site experienced ground rupture and sand venting after the 1906 earthquake on the San Andreas Fault and the 1868 earthquake on the Hayward Fault. If ground rupture and sand venting were to occur, significantly higher ground deformation could occur.

We recommend performing explorations at the project site during the design-level geotechnical investigation to collect site-specific data and evaluate the liquefaction potential at the site and the possibility for ground rupture.

3.4 Seismically-Induced Differential Settlements

If near-surface soils vary in composition both vertically and laterally, strong earthquake shaking can cause non-uniform settlement of unsaturated soil strata, resulting in movement of the near-surface soils. In general, the surficial subsurface soils encountered at the nearby sites consisted of stiff to very stiff clays; however, as previously mentioned, loose silty materials were encountered to a depth of approximately 10 to 12 feet at a site across Barber Lane from the project site. These materials above the ground water table (between 5 and 10 feet in the site vicinity) have a high probability of significant seismic differential settlement. This would be in addition to any estimated liquefaction-induced settlements. In addition, any undocumented fills encountered a the site could result in differential settlement. Any foundation excavations extending 5 feet or more will potentially remove the loose, unsaturated materials, reducing the potentially differential settlements of the proposed buildings. We recommend performing explorations at the project site during the design-level geotechnical investigation to collect site-specific data and evaluate the potential for differential settlements.

3.5 Lateral Spreading

Lateral spreading typically occurs as a form of horizontal displacement of relatively flat-lying alluvial material toward an open or "free" face such as an open body of water, channel, or excavation. In soils this movement is generally due to failure along a weak plane, and may often be associated with liquefaction. As cracks develop within the weakened material, blocks of soil displace laterally towards the open face. Cracking and lateral movement may gradually propagate away from the face as blocks continue to break free. Generally, failure in this mode is analytically unpredictable, since it is difficult to determine where the first tension crack will occur.

Coyote Creek is approximately 3,400 feet from the project site. According to work done by Youd and Hoose (1978), lateral spreading was experienced along the stretch of Coyote Creek near the site as a result from the 1906 earthquake on the San Andreas Fault and the 1868 earthquake on the Hayward Fault. From Youd and Hoose's work, it appear that the lateral spreading was experienced at closer distances to the creek than the project site; however, and design-level geotechnical report

should evaluate the probability of lateral spreading occurring at the site during a seismic event.

3.6 Flooding

As shown on the June 22, 1998 Federal Emergency Management Agency (FEMA) "Flood Insurance Rate Map" (FIRM), this site is within Zone X or Zone D, described as "Areas determined to be outside 500-year flood plain," or "Areas in which flood hazards are undetermined."

4.0 CONCLUSIONS AND DEVELOPMENT CONSIDERATIONS

4.1 Conclusions

From a geotechnical engineering viewpoint, in our opinion, the site is feasible for the proposed mixed-use development. The preliminary recommendations that follow are intended to allow conceptual planning and preliminary design. We recommend that a design-level geotechnical investigation be performed once conceptual grading plans have been finalized. Results from our design-level investigation would be used to confirm our preliminary findings and develop detailed recommendations for final design.

The primary geotechnical concerns at the site are as follows:

- The presence of moderately compressible soils
- The potential for liquefaction-induced total and differential settlement
- The potential for moderately to highly expansive soils blanketing the site
- The potential presence of loose surficial soils
- The presence of shallow ground water
- The potential for high levels of sulfates in the surficial soil

For this report, we have prepared a brief description of the issues and presented typical approaches to manage potential concerns associated with the long-term performance of the development.

4.1.1 Presence of Moderately Compressible Soils

We anticipate that moderately compressible clays exist at the site in the upper approximately 20 to 25 feet below existing site grades. Due to the anticipated significant structural loads of the mixed-use and parking structures and the shallow ground water level, we anticipate that consolidation total and differential settlements will likely exceed tolerable levels for shallow foundations such as mats and spread footings. For this reason, we anticipate that the mixed-used and parking structures will need to be supported on deep foundations. A design-level investigation should, however, evaluate the anticipated static and seismic settlements and investigate the possibility of supporting the structures on mat foundations overlying ground

improvement, such as rammed aggregate piers or stone columns, as well as providing design parameters for deep foundations.

If two-levels of below grade parking are constructed at the site, the excavations required will likely remove some of the near surface compressible soils. Therefore, mat foundations may more likely be a possible foundation alternative; however,ground improvement to reduce static settlements and potentially liquefaction-induced settlements may still be necessary to reduce settlements to tolerable levels. In addition, the foundation would need to be designed for hydrostatic uplift pressures. Since the mat foundation may be up to 20 feet below the ground water level, the mat foundation may be several feet thick and require tiedowns to resist the hydrostatic pressure. The likelihood of needing tie-downs increases if the structure extends two levels below grade verses one level. Most likely a thickened slab can resist hydrostatic pressures with a one-level, below-grade basement. The design-level geotechnical investigation should evaluate feasible foundation alternatives once the desired lower-level/basement finished floor elevation is established.

4.1.2 Potentially Liquefiable Soils

As previously discussed, our analyses at nearby sites indicate that some of native sand and silt layers may theoretically liquefy and result in some post-seismic total and differential settlement. We anticipate that layers of loose to medium dense sands will be present at the site that will also be potentially liquefiable. Therefore, foundations will need to be designed to resist or accommodate the estimated settlements or ground improvement will be required. In addition, if a sufficient non-liquefiable cap is not present at the site, there may be a potential for ground rupture and sand venting. Also, if deep excavations are constructed for below-grade parking, the over-burden stress of the potentially liquefiable soils will be reduced and the potential liquefaction-induced settlements may increase. A design-level geotechnical investigation should evaluate these potential issues at the site and provide design-level recommendations for mitigation, if required.

4.1.3 Potential for Moderate to High Expansive Surficial Soils

At a majority of our nearby project sites, we encountered low plasticity clayey surficial soil. However, it is possible the site is blanketed by moderately to highly expansive surficial soils. If these soils are encountered, to reduce the potential for damage to the planned structures, we recommend slabs-on-grade have sufficient reinforcement and be supported on a layer of non-expansive fill. Detailed preliminary recommendations are presented in a following section of this report. A design-level geotechnical investigation should address this concern and evaluate the plasticity of the surficial soil at the site.

4.1.4 Potential for Loose Surficial Soils

As previously discussed, we observed loose surficial soils to depths of approximately 10 to 12 feet at a project site across Barber Lane from the project. If encountered on the project site, these materials will have a significant potential for static and seismic settlement for shallow foundation supported structures. If the parking extends one or two levels of below grade, the loose surficial materials will likely be removed. The design-level geotechnical investigation should evaluate whether loose surficial soils

are present and provide recommendations to address potential impacts to shallow and deep foundations, and surface improvements.

4.1.5 Presence of Shallow Ground Water

We anticipate that ground water exists at depths ranging from approximately 5 to 10 feet below the existing ground surface. We understand that up to two levels of below-grade parking is being considered at the site. Depending on the design ground water level and assuming two parking levels extend about 25 feet below grade, the below grade parking may need to be designed for up to 20 feet of hydrostatic pressure. Thickened slabs, waterproofing, and dewatering would be required where the basement extends below the design ground water. Tie-downs may be required if the structure is deeper than one-level below-grade. Additional discussions of dewatering and waterproofing are discussed in following sections of this report.

Our experience with similar sites in the vicinity indicates that shallow ground water could also significantly impact grading and underground construction. These impacts typically consist of potentially wet and unstable subgrade soils, difficulty achieving compaction, and difficult underground utility installation. Dewatering of utility trenches and subgrade stabilization may be required in some isolated areas of the site, depending on the time of year that construction begins.

Detailed recommendations should be presented in a design-level geotechnical report. In addition, consideration should be given to installation of a piezometer (ground water level monitoring well) to help establish the design ground water level. If possible, the piezometer should be installed prior to the end of September and be monitored though at least one winter rainy season.

4.1.6 Potential for Moderate Sulfate Levels in the Surficial Soils

In our experience the soils northwest of the intersection of Highways 880 and 237 contain moderate levels of soluble sulfates, which could attack buried concrete. Sulfate ions in the soil can lower the soil resistivity and be highly aggressive to Portland Cement concrete by combining chemically with certain constituents of the concrete, principally tricalcium aluminate. This reaction is accompanied by expansion and eventual disruption of the concrete matrix. A potentially high sulfate content could also cause corrosion of the reinforcing steel in concrete. The design-level investigation should include a soil corrosion evaluation for soluble sulfates and provide recommendations for protection of concrete, if needed.

4.2 Design-Level Geotechnical Investigation

Our feasibility geotechnical investigation was based on limited information regarding site development. In addition, because subsurface conditions may vary considerably from those predicted by the preliminary widely-spaced, relatively small diameter borings, because our recommendations in this preliminary report are based on field and laboratory data from nearby sites, and in order to confirm that our report recommendations have been properly implemented, we recommend that we be retained to 1) perform a design-level geotechnical investigation once site development plans are completed, 2) review the final construction plans and specifications, and 3) observe the earthwork and foundation installation.

4.3 Earthwork

If the parking garage will extend only one-half level below-grade, no unusual earthwork is anticipated. If one to two levels of below-grade parking is constructed, significant dewatering during construction at the site will be required. Temporary dewatering for construction should be the responsibility of the contractor. The selection of equipment and methods of dewatering should be left up to the contractor and, due to the variable nature of the subsurface conditions in Milpitas area, they should be aware that modifications to the dewatering system, such as adding well points, may be required during construction depending on the conditions encountered.

Special considerations may be required prior to discharge of ground water from dewatering activities depending on the quality of the ground water, and environmental impacts at the site or at nearby locations. These requirements may include storage and testing under permit prior to discharge. Impacted ground water may require discharge at an off-site facility.

In addition, drawdown of ground water during dewatering can cause subsidence outside of the excavation area. The drawdown of the ground water should be designed to achieved the required dewatering without causing undesired subsidence of nearby structures supported on shallow foundations.

Stabilization of the below-grade parking area will likely be required. Stabilization could include chemical treatment or sub-excavation and replacement with a layer of stabilization rock, typically 12 to 18 inches thick. Additional measures may be required depending on the equipment planned to be used at the excavation bottom.

The walls of the below-grade excavation may be supported by several methods including tiebacks, soldier beams and wood lagging, sheet pile, or temporary slopes if space is adequate. The choice should be left to the contractor's judgment since economic considerations and/or the individual contractor's construction experience may determine which method is more economical and/or appropriate. Support of any adjacent existing structures without distress should also be the contractor's responsibility. We recommend that the contractor forward his plan for the support system to the structural engineer and geotechnical engineer for preconstruction review. In addition, it should be the contractor's responsibility to undertake a preconstruction survey with benchmarks and photographs of the adjacent properties.

As a method to provide the needed shoring for the below-grade parking excavation as well as providing a method for waterproofing the permanent structure, a permanent sheetpile retaining wall should be considered for the project. Sheetpiles would be driven during construction, and the proposed structure would be constructed within the sheetpile walls. The feasibility of sheetpiles being used and additional recommendations should be addressed in a design-level geotechnical investigation.

Backfilling of holes or pits resulting from demolition and removal of existing buried utilities should be carried out under our observation, and all of the backfill should be properly compacted and tested during placement. If encountered, all undocumented fill at the site should be removed down to the native soil and replaced as compacted engineered fill. In addition, if loose surficial soils are encountered during the exploration, they should be compacted or improved in areas beneath improvements, if they are not removed from below-grade parking excavations. If the structures are

supported on deep foundations, fills or loose soils may be left in place provided the foundation design neglects any vertical capacity contribution.

4.4 Building Foundations

In our opinion, the proposed mixed-use and parking structures will most likely need to be supported on pile foundations. A mat foundation with ground improvement may also be fesible, and should be evaluated. If the below-grade parking extends more than one-level the thickened slab may require tie-downs to resist hydrostatic uplift pressures. Subsurface exploration extending to depths of at least 100 feet and providing detailed deep foundation analyses should be included during a design-level geotechnical investigation. In addition, the design-level geotechnical investigation should evaluate whether loose surficial soils are present and provide recommendations to address potential impacts to shallow and deep foundations, and surface improvements.

4.4.1 1997 UBC/2001 CBC Site Coefficients

Chapter 16 of the 1997 Uniform Building Code and 2001 California Building Code describes the procedure for seismic design of the structure, which includes the Seismic Coefficients C_a and C_v. These coefficients are developed from parameters contained a series of tables and figures in the code, listed in Table 2 below. Section 1636.2 and Table 16-J describes the procedure for assigning a soil profile type (S_A through S_F) to the site. Based on our borings and review of available geologic maps, the site is underlain by stiff soils extending to depths of 40 feet or greater. Therefore, site can be characterized as soil profile type S_D generally described as a stiff soil profile with average Standard Penetration Test (N) values in the range of 15 to 50 blows per foot. Based on the above information, the site may be characterized for design based on Chapter 16 of the 2001 CBC using the information in Table 2 below. Please note that the controlling Seismic Source listed below may not be the nearest to the site.

Table 2. 1997 UBC/2001 CBC Site Categorization and Site Coefficients

Categorization/Coefficient	Design Value
Soil Profile Type (Table 16-J)	S_D
Seismic Zone (Figure 16-2)	4
Seismic Zone Factor (Table 16-I)	0.4
Seismic Source Name	Hayward
Seismic Source Type (Table 16-U)	A
Distance to Seismic Source (kilometers)	8.5
Near Source Factor N_a (Table 16-S)	1.06
Near Source Factor N_v (Table 16-T)	1.32
Seismic Coefficient C_a (Table 16-Q)	0.47
Seismic Coefficient C_v (Table 16-R)	0.84

If significant ground rupture is evaluated to be likely and the soils will not be aerially mitigated, likely a soil profile type S_E may be required for design.

4.4.2 Friction Pile Foundations

A pile foundation system will, in our opinion, support the anticipated building loads with only minor settlement. Conventional slabs-on-grade may be used in conjunction with a pile foundation provided that the subgrade soils consist of properly compacted, engineered fill, and they are able to withstand the liquefaction-induced settlements at the site; otherwise, structural slabs will be required.

At this time we have assumed that there will not be a significantly thick or continuous dense sand layer that would provide end bearing support. Therefore, pile support is expected to come predominantly from frictional support in the stiff clays. In addition, the pile foundations will need to be designed so that liquefaction-induced settlements would not impact the structural integrity of the building. Depending on the estimated liquefaction-induced settlements and the depths that these layers occur, significant down-drag forces may need to be resisted by the pile foundations, significantly increasing the pile length required to resist the negative skin friction plus the structural loads. Depending on the pile type chosen and the fines contents of the sand, ground improvement could be possible to reduce or eliminate down-drag. This will need to be evaluated during the design-level investigation.

We anticipate the proposed structures may be supported on driven precast, pre-stressed, concrete (PCC) pile foundations or augered cast-in-place piles (ACIP). While less common in the Bay area, augercast piles have been successfully used for projects in Milpitas and downtown San Jose in similar soil conditions. ACIP piles may have the advantages of being less noisy to construct that driven piles, would induce little to no construction vibration, would not be subject to drivability problems that driven pile driving may encounter due to variable subsurface conditions, and may reduce required pile depths. Augercast piles are cast-in-place concrete piles that are drilled using a hollow-stem auger and pumping sand-cement grout through the bottom of the auger as the auger is retracted. Additional recommendations on both types of pile foundations should be presented in a design-level geotechnical investigation.

Though we did not encounter significantly thick, dense sand layers in our nearby sites west of Highway 880, we did encounter dense sand layers to a depth of approximately 45 feet east of Highway 880. Driven piles could develop high driving stresses if dense sand layers are encountered above the design tip elevations. Since the ACIP piles will be drilled instead of driven, we do not anticipate dense sand layers causing installation issues.

4.4.3 Mat Foundations

As previously discussed, mat foundations may also be feasible at the site, most likely in conjunction with ground improvement. If the parking extends two-levels below grade, some of the compressible soils at the site would be removed, increasing the possibility that mat foundations may be feasible. Mat foundations that extend below ground water will need to be designed to withstand hydrostatic uplift pressures.Extending the basement garage more than one-level below-grade may require the addition of tie-downs to resist hydrostatic forces.

4.4.4 Waterproofing

As the parking structure may extend one to two levels below grade and below ground water, we recommend that the mat foundation or structural slab, all construction joints, and basement walls below the design ground water level be waterproofed to limit moisture infiltration. We recommend that a waterproof specialist design the waterproofing system, including the under-mat waterproofing, waterstops and other waterproofing measures at construction joints, and a waterproofing design for all below-grade walls. The use of drainage systems above design ground water levels and designing for hydrostatic pressures should be evaluated in the design-level investigation.

4.4.5 Slab-on-Grade Floors

If the mixed-use and parking structures do not extend more than about 5 feet below grade, and provided the estimates for liquefaction-induced settlements are not excessive, slab-on-grade floors may be feasible. If the differential settlements exceed about ¾-inch in 30 to 50 feet, structural slabs will likely be required. Thickened structural slabs may also be required to resist the hydrostatic forces described above.

If moderately to highly expansive soils are encountered at the site, we recommend slabs-on-grade have sufficient reinforcement and be supported on a layer of non-expansive fill to reduce the potential for damage to the planned structures. Additional recommendations should be provided in the design-level investigation based on site-specific laboratory data.

4.5 Surface Improvements

If the surficial site soils are moderately to highly expansive, surface improvements such as garage slabs, asphalt concrete pavements, concrete slabs, sidewalks and flatwork may be required to be designed and constructed to reduce the potential for distress from seasonal soil heave and shrinkage. This may include placing a section of non-expansive fill below interior slabs-on-grade and proper surface drainage collection and control.

Based on our engineering experience and judgment, on-site soils are expected to have low supporting capacity when used as pavement subgrade. It should be anticipated that pavement section thicknesses will be based on an estimated design R-value of 5 to 10, which will require a slightly thicker pavement section than sites with better subgrade soils.

5.0 LIMITATIONS

This report has been prepared for the sole use of David J. Powers & Associates, specifically for preliminary planning of the proposed mixed-use development to be located on Barber Lane in Milpitas, California. The opinions presented in this report have been formulated in accordance with generally accepted geotechnical engineering practices that exist in the San Francisco Bay Area at the time this report was prepared. No other warranty, expressed or implied, is made or should be inferred. We are not responsible for the data presented by others.

The opinions, preliminary conclusions and development considerations contained in this report are based upon the information obtained from explorations at widely separated locations from nearby project sites, site reconnaissance, review of data made available to us, and upon local experience and engineering judgment. The preliminary conclusions and considerations presented in this report are based on the assumption that soil and geologic conditions do not deviate substantially from those encountered. In addition, geotechnical issues may arise that are not apparent at this time. The geotechnical engineer should be retained to perform a design-level geotechnical investigation of the site.

The opinions presented in this report are valid as of the present date for the property evaluated. Changes in the condition of a property can occur with the passage of time, whether due to natural processes or the works of man, on this or adjacent properties. In addition, changes in applicable standards of practice can occur, whether from legislation or the broadening of knowledge. Accordingly, the opinions presented in this report may be invalidated, wholly or partially, by changes outside of our control. Therefore, this report is subject to review and should not be relied upon after a period of three years, nor should it be used, or is it applicable, for any property other than that evaluated.

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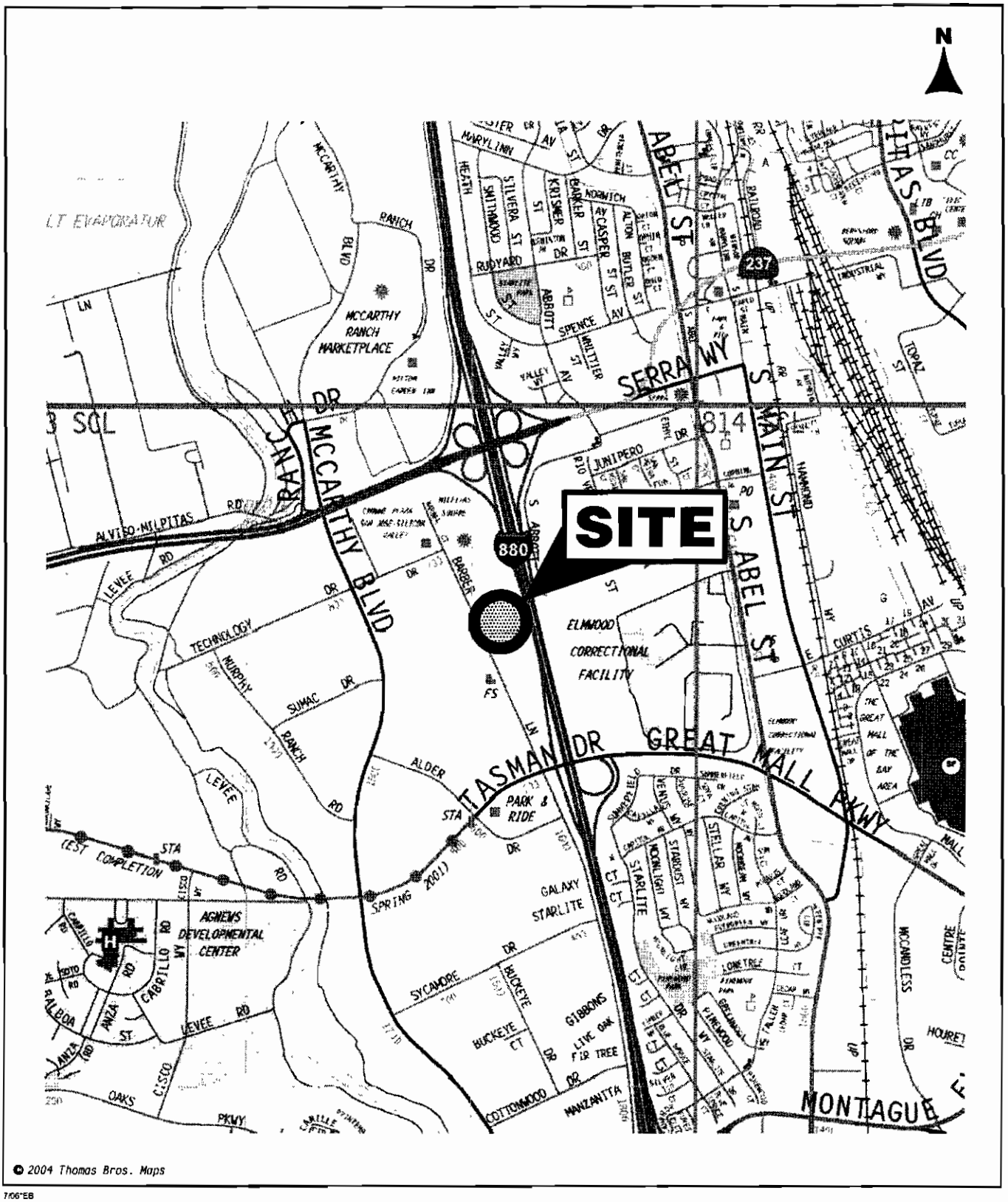


7/06*EB

VICINITY MAP

BARBER LANE MIXED-USE DEVELOPMENT
Milpitas, California

TRC Lowney

FIGURE 1
858-48

Base from USGS TerraServer, dated 2/04.

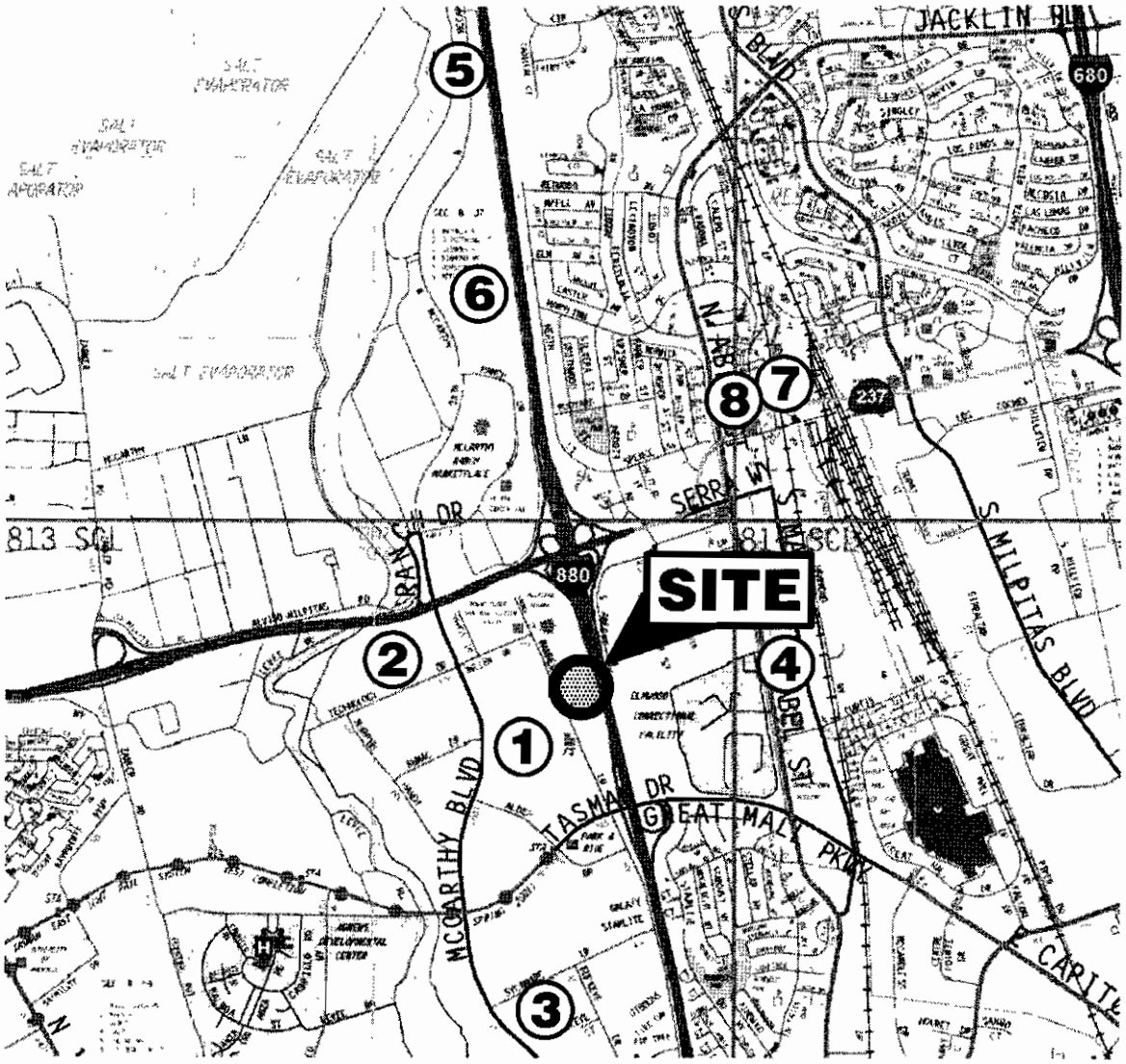
7/06/'58

SITE PLAN

BARBER LANE MIXED-USE DEVELOPMENT
Milpitas, California

TRC Lowney

FIGURE 2
858-48



LEGEND

1. Cisco Systems-Milpitas Parcel (3/16/1998)
2. Preliminary Geotechnical Investgation for Tencor Headquarters Facility (7/31/1995)
   Final Geotechnical Investgation for Tencor Headquarters Facility (11/13/1995)
3. Geotechnical Investigation for Two-Story Office Building (4/1/1997)
4. Terra Serena Multi-Family Residential Development (3/14/2005)
5. Preliminary Geotechnical Investigation for 10-Acre McCarthy Ranch Parcel (12/2/1998)
6. Geotechnical Investigation for McCarthy Center Phases 1, 2, and 3 (9/29/98)
7. Geotechnical Investigation, Midtown East Parking Structure (2/8/06)
8. Geotechnical Investigation, Midtown West Parking Structure (6/30/05)

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NEARBY PROJECT LOCATION PLAN

BARBER LANE MIXED-USE DEVELOPMENT
Milpitas, California

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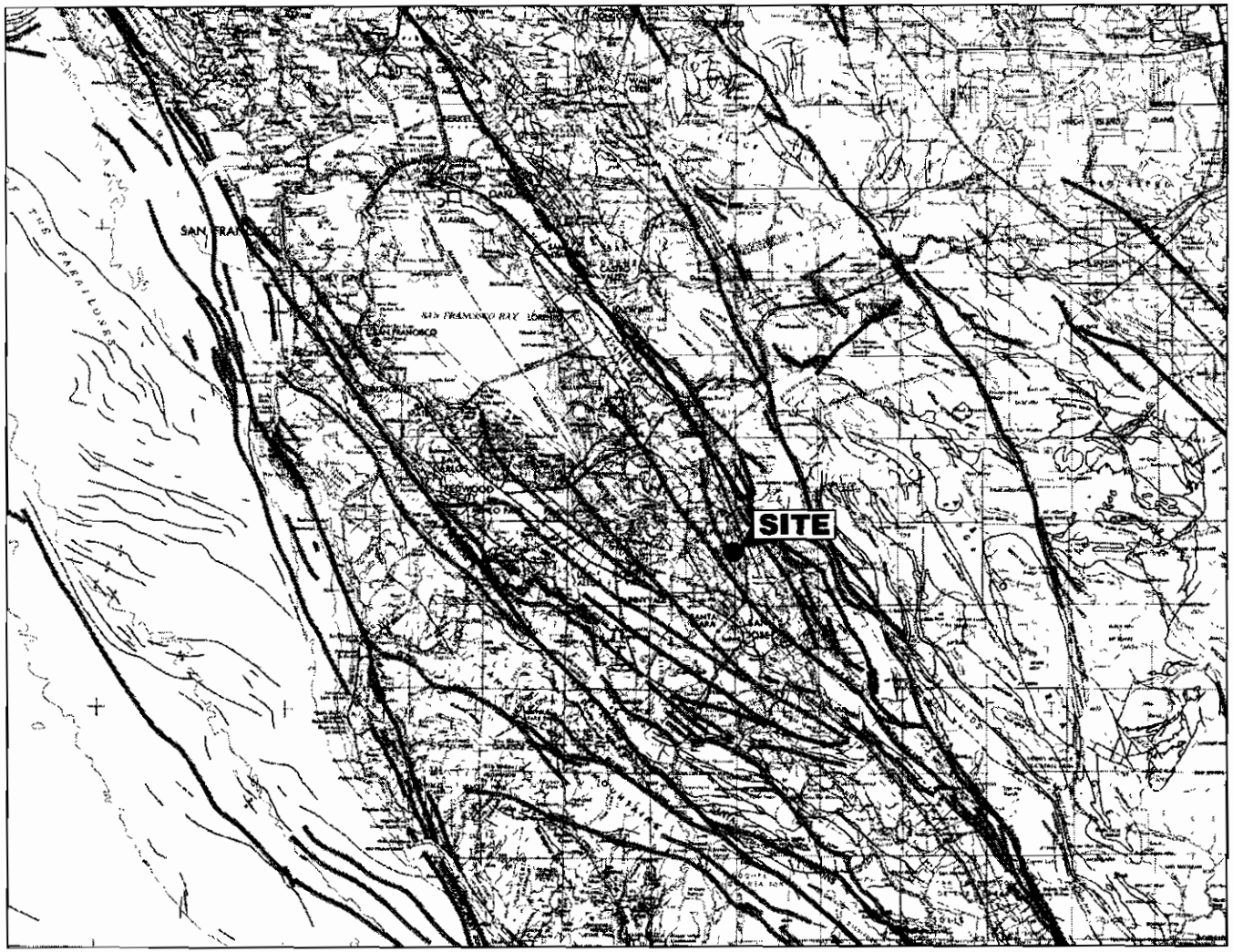
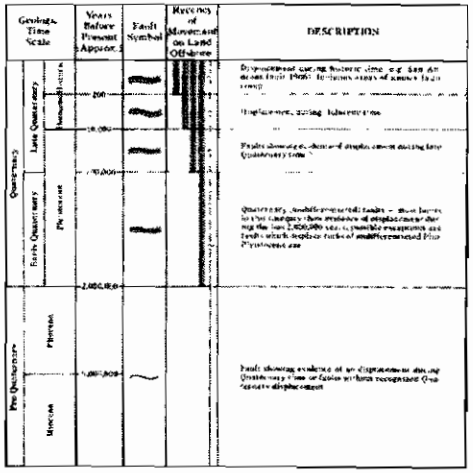
FIGURE 3
858-48





Base map is a composite of part the San Francisco 1:250,000 scale map (reference code 37 122–A1–TF–250–00, 1980) and the San Jose 1:250,000 scale map (reference code 37 120–A1–TF–250–00, 1989). For cartographic details, refer to these maps. Bathymetric information is not intended for navigational purposes.

Transverse Mercator Projection 10,000–meter Universal Transverse Mercator grid, zone 10.

Minor corrections and additions to culture by California Division of Mines and Geology 1987.

From: Bortugno & others (1991)

0 10 20 Miles

Scale 1:500,000

Note: Some faults highlighted in purple are not considered active (Holocene Movement) by the State of California.

Division of Mines and Geology, James F. Davis, State Geologist

REGIONAL FAULT MAP
BARBER LANE MIXED-USE DEVELOPMENT
Milpitas, California

TRC Lowney

FIGURE 4
858-48

APPENDIX F

STORMWATER CONTROL PLAN

STORMWATER CONTROL PLAN

FOR

LANDMARK TOWER

600 BARBER LANE
MILPITAS, CA

By

Mark Thomas & Company, Inc.
1960 Zanker Road,
San Jose, CA 95112

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	A. BMP Exhibit	
	B. BMP Sizing Work Sheet	
	C. Landscape Swale BMP	
	D. C.3 Data Form	

I. PROJECT SETTING

A. Project Description

This project is redevelopment of a 130,728-square-foot (3.0 acre) at 600 Barber lane in Milpitas. As shown in the Stormwater Control Plan Exhibit, the development includes 2 buildings:

- An eighteen stories mix-used tower consisted of fourteen stories of residential condominiums over four stories of commercial condominiums.
- A ten stories parking garage adjacent to the mix-use tower.

Walkway, roadway and landscape area make up the remainder of the site.

B. Existing Site Conditions

The trapezoid-shaped site has approximately 300 feet of frontage on Barber Lane. Adjacent lots are commercial uses building and divided by approximately 10 feet landscape buffer. An existing, vacant building is approximately located at the center of this lot.

Site topography is generally flat, with a mild slope from existing building to the west and east. 89% of the project site is impervious area which is mainly paving and building. The only pervious areas are located at the landscape buffer along the boundary. The landscape areas contain some small tree and brush.

Geotechnical/soil report is not available at the time of this Stormwater Control Plan is prepared. However, surface soil is identified as loam, sandy loam, or silty clay loam (Hydrologic soil group "B"). Soils of this type have good infiltration rates. Compaction of the site soils by previous uses has likely reduced soil permeability.

Currently the project site disposes runoff to an existing storm trunk run along Barber Lane. It is likely that the existing storm trunk has enough capacity to serve as a point of disposal since the proposed impervious area is less than existing impervious area.

C. Opportunities and Constraints for Stormwater Control

Opportunities: For this project, there are proposed landscape buffer along the boundary. Stormwater treatment facilities, such as swales, may be located in the landscape buffer. In addition, the proposed impervious area is decrease from 89% to 86%. The existing storm trunk in Barber Lane provides a disposal point for the treated stormwater. The depth of the storm trunk provides sufficient head so that underdrains from treatment facilities can be tied into the trunk without the need of pumping.

Constraints: The retention and infiltration of runoff is not feasible on this site due to the project site mostly covered by the roofs and paving. However, it is possible to route drainage from the rooftops and pavement to above-ground BMP at landscape area.

D. Hydrograph Modification Management Requirements

Referring to the map attached to the San Francisco Bay Regional Water Quality Control Board's Order No. R2-2005-0035 revising Milpitas's stormwater NPDES permit, the project location is within the area represented as more than 90% built out. In these areas, project smaller than 50 acres are encouraged, but not required, to implement hydrograph modification management requirements.

II. MEASURE TO LIMIT IMPERVIOUSNESS

A. Measure to Make Development More Compact

The following site layouts characteristics help reduce watershed imperviousness:

- The site design includes a sizeable landscape area along Barber Lane and landscape strip along the north and south boundary.
- The site is developed to maximum density and includes multi-story parking garage.

B. Measure to Limit Directly Connected Impervious Area

Due to the topography and available space, the project has no self-retaining areas. However, as shown in the Stormwater Control Plan Exhibit, most of the runoff from impervious area has been routed to a swale.

III. SELECTION AND PRELIMINARY DESIGN OF STORMWATER TREATMENT BMPS

Impervious areas on the site, including all roofs and driveway, have been divided into four distinct areas as shown on the Stormwater Control Plan Exhibit. The Stormwater Control Plan Exhibit shows the treatment facilities and corresponding roof and paved areas that drain to each facility. The areas of each drainage area and corresponding swale are summarized in Table 1.

Runoff from Areas 2 and 3 are managed by routing to a stormwater treatment BMP-swales-sized to treat runoff from that area. These swales adjacent to the driveway have suitable access for inspection and maintenance. Runoff from Area 1 will be drained to sanitary sewer due to swimming pool.

A. General Characteristics of the Treatment Facilities

The swale will be designed and constructed in accordance with the illustration and specification in the *Stormwater C.3 Guidebook*, including a minimum 18" depth of sandy loam (minimum infiltration rate specified to be 5" per hour). All treatment facilities will be underdrained, and the underdrained will be connected to underground storm drains to convey treated runoff, as well as overflow, to the storm drain in Barber Lane. All drainage into and away from the facilities is by gravity, eliminating the need to collect and pump stormwater and avoiding the need for vaults.

B. Specific Characteristics of Each Impervious Area and Treatment Facility

Impervious areas and treatment facilities are listed in specific description of each drainage area and swale follow:

1. Area A

Drainage Area A, as shown on the Stormwater Control Plan Exhibit, consists of the roof of the parking garage, and is about 30,565 square feet. Runoff from the roof's flat structure will be drained to sanitary sewer due to the propose swimming pool.

2. Area B

Drainage Area B, as shown on the Stormwater Control Plan Exhibit, incorporates the area of the driveway, landscape and sidewalk at the north of the mix-use tower. In addition, half of the mix-use tower is also part of the Area B. The area totals of 43,097 square feet.

Drainage from this area travels by sheet flow to Swale A. Swale A is 300 feet in length and 6 feet wide (1,800 square feet in surface area) and will be designed in accordance with the detail shown.

3. Area C

Drainage Area C, as shown on the Stormwater Control Plan Exhibit, incorporates the area of the driveway, landscape and sidewalk at the south of the mix-use tower. Area C also includes half of the mix-use tower. This area totals 38,742 square feet.

Drainage from this area travels by sheet flow to Swale B. Swale B is 300 feet in length and 6 feet wide (1,800 square feet in surface area) and will be designed in accordance with the detail shown.

4. Area D

Drainage Area D, as shown on the Stormwater Control Plan Exhibit, includes the area of the driveway and sidewalk at the front of the mix-use tower. This area totals 4,069 square feet.

Drainage from this area travels by sheet flow to inlets and treated by structural BMP such as CDS unit and Stormceptor.

Table 1-Impervious Area

Area ID	Surface	Size (Square Feet)	BMP to be used	Sizing Factor	Minimum Surface Area	Surface Area as Designed
Area A	Roof	30,565	To sanitary sewer	0.034		
Area B	Paving/Roof/sidewalk	43,097	Swale A	0.034	1,481	1,800
Area C	Paving/Roof/Sidewalk	38,742	Swale B	0.34	1,317	1,800
Area D	Paving/walkway	4,069	Structural BMP			

IV. SOURCE CONTROL MEASURE

The following sources have been identified to allow potential to enter runoff for this development:

- Illegal Dumping to onsite storm drain inlets
- Interior floor drains and elevator shall sump pumps.
- Interior parking garages
- Indoor and structural pest control
- Pool, spas and decorative fountains.
- Food service
- Refuse areas
- Vehicle/equipment cleaning, repair and maintenance
- Fire Sprinkler Test
- Miscellaneous drain or wash water
- Plazas, walkway, and driveway
- Landscape /outdoor pesticide use.

To further reduce the potential for pollutants to enter runoff, permanent and operational BMPs will be implemented as described in Table 2.

Table 2-Sources and Source Control BMPs

Potential Source	Permanent BMPs	Operational BMPs
Illegal Dumping to onsite storm drain inlets	Inlet that could be accessed from sidewalk and driveways will be marker with "No dumping-Drains to Creek" or similar message.	• Inlet markings will be inspected annually and replaced or renewed as needed. • Swales and related structures and features will be inspected and maintained as specified in the Stormwater Control Operation and Maintenance Plan (to be developed and submitted for approval).
Interior floor drains and elevator shaft sump pumps	All such drains will be plumbed to the sanitary sewer.	Drains will be periodically inspected to avoid blockages and overflow.
Interior parking garages	Any floor drains in the covered parking area are to be plumbed to the sanitary sewer.	Drains will be periodically inspected to avoid blockages and overflow.
Pools , spas, and decorative fountains	Plumb to sanitary sewer	Call the local treatment plant before draining a pool or spa.
Restaurant	Restaurant shall be equipped with a floor sink suitably sized for washing any floor mats, containers, or equipment, connected to a grease interceptor and thence to the sanitary sewer.	Applicant will implement standard conditions of approval for restaurants (Stormwater C.3 Guidebook, Appendix L).
Refuse Areas	• Refuse areas outside the building to be graded to prevent runoff to the area and bermed to prevent runoff from the area. • Drain from refuse area outside the building connected to sanitary sewer.	Adequate litter receptacles will be provided. Grounds keeping crew will inspect and clean up daily. Spill will be cleaned up immediately using dry methods.

Potential Source	Permanent BMPs	Operational BMPs
	• Drain from restaurant refuse area connected to grease interceptor and thence to the sanitary sewer. • All dumpsters will be marked with "Do not dump hazardous materials here" or similar.	
Vehicle/Equipment cleaning, repair, and maintenance	Hose bibs will be require keys to operate.	Residential and Commercial leases will prohibit cleaning, repair, or maintenance of vehicle or equipment on site.
Fire Sprinkler Test Water	Sanitary sewer connections shall be provided to drain fire sprinkler test water.	
Miscellaneous drain or wash water	• Boiler and condensate drain lines will discharge to the sanitary sewer. • Rooftop mounted equipment will be roofted or covered to prevent pollutants from entering runoff. • Roofing, gutter, and trim shall not be copper or other unprotected metal that could leach into runoff.	
Plaza, walkway, and driveway	Drain to swale or other BMPs.	Plazas, walkway, and driveway shall be swept regularly to prevent accumulation of litter and debris. Debris from pressure washing shall be collected and not allowed to enter the storm drain system. Washwater contain any cleaning agent or degreaser shall be

Potential Source	Permanent BMPs	Operational BMPs
		collected and discharged to the sanitary sewer and not discharged to storm drain.
Landscape/outdoor pesticide use.	• Any native trees, shrubs, and ground cover on the site will be preserved to the maximum extent possible. • Landscaping will be designed to minimize required irrigation and runoff, to promote surface infiltration, and to minimize the use of fertilizers and pesticides that can contribute to stormwater pollution. • Plantings for swales will be selected to be appropriate to anticipated soil and moisture conditions. • Where possible, pest-resistant plants will be selected, especially for location adjacent to hardscape. • Plants will be selected appropriate to site soils, slopes, climate, sun, wind, rain, land use, air movement, ecological consistency, use of recycled water (where applicable), and plant interactions.	All site landscaping is to be maintained by a professional landscaping contractor. Contract to state that landscaping is to be maintained using Integrated Pest management (IPM) principles, with minimal or no use of pesticides.

V. PERMITTING AND CODE COMPLIANCE ISSUES

There are no known conflicts between the proposal stormwater control plan and City of Milpitas ordinances or policies. Any conflicts that are found will be resolved through the design review process or during subsequent permitting.

VI. BMP OPERATION AND MAINTENANCE

A. Means to Finance and Implement BMP Maintenance

Proper operation and maintenance of stormwater facilities will be the responsibility of the property owner in perpetuity. The property owner will prepare and submit, for the City's review and approval, an acceptable Stormwater Control Operation and Maintenance Plan prior to completion of construction and will execute a Stormwater Management Facilities Operation and Maintenance Agreement before sale, transfer, or permanent occupancy of the site. The property owner accepts responsibility for maintenance of stormwater management facilities until such responsibility is transferred to another entity.

B. Summary of Maintenance Requirements

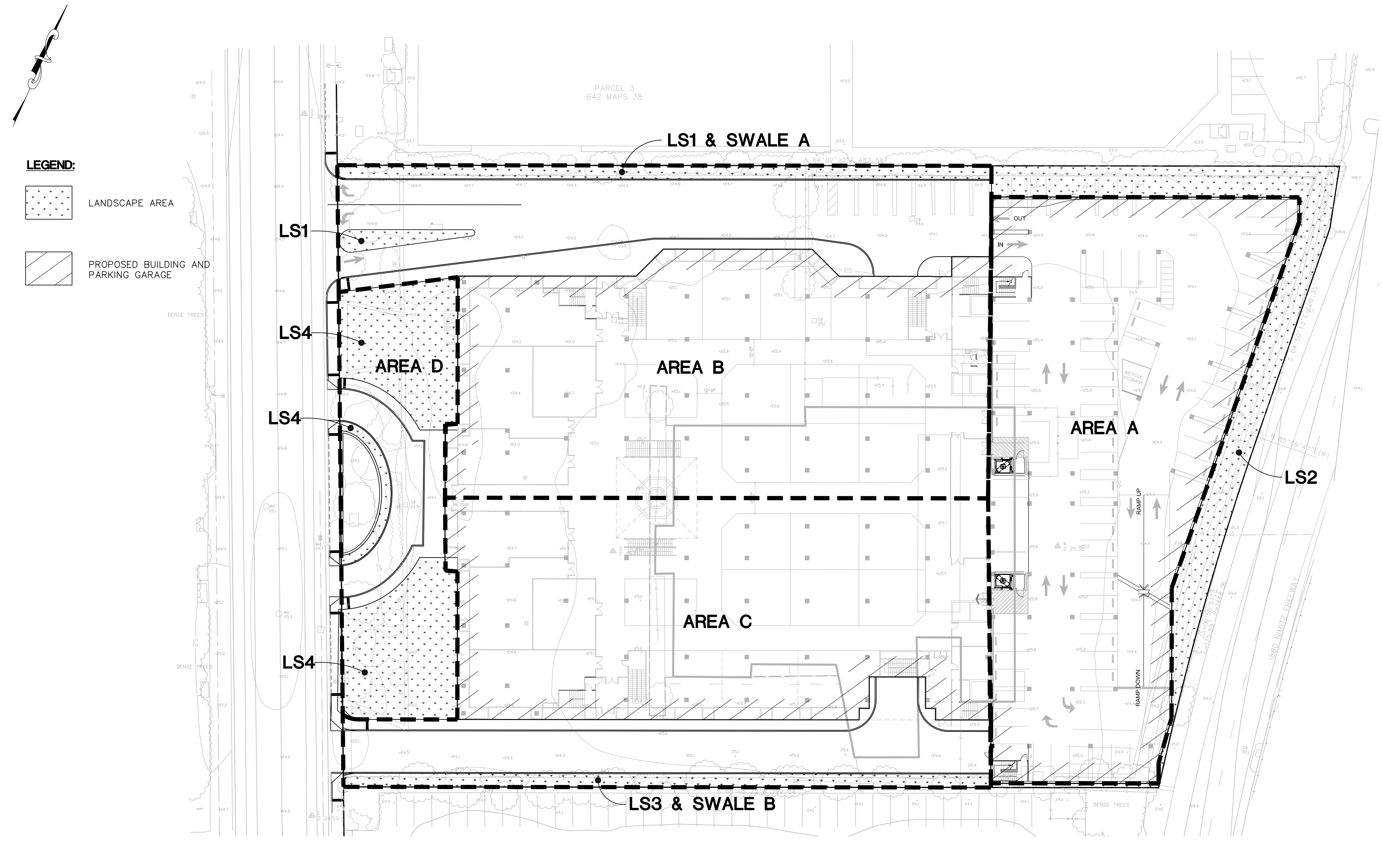
Swales and structures BMP need routine inspection and maintenance to ensure the treatment performance. Swales remove pollutants primarily by filtering runoff slowly through an active layer of soil. Routine maintenance is needed to insure that flow is unobstructed, that erosion is prevented, and that soils are held together by plant roots and are biologically active. Structures BMP remove debris by settling down at the bottom of the structure so it needs a schedule to haul out the debris from the structures. Typical routine maintenance consists of the following:

- Inspect inlets for channels, exposure of soils, or other evidence of erosion. Clear any obstructions and remove any accumulation of sediment. Examine rock or other material used as splash pad and replenish if needed.
- Inspect side slopes for evidence of instability or erosion and correct as necessary.
- Observed soil in the swale for uniform percolation throughout. If portions of the swale or filter do not drain within 48 hours after the end of a storm, the soil should be tilled and replanted. Remove any debris or accumulation of sediment.
- Confirm that any check dams and flow spreaders are in place and level and that channelization within the swale is effectively prevented.
- Examine the vegetation to insure that it is healthy and dense enough to provide filtering and to protect soils from erosion. Replenish mulch as necessary, remove fallen leaves and debris, prune large shrubs or trees, and mow turf areas. Confirm that irrigation is adequate and not excessive. Replace dead plants and remove invasive vegetation.
- Abate any potential vectors by filling holes in the ground in and around the swale and by ensuring that there are no areas where water stands longer than

48 hours following a storm. If mosquito larvae are present and persistent, contact the Santa Clara County Vector Control District for information and advice.

- Inspect structural BMP after the first flush of the rainy season.

ATTACHMENT



MARK THOMAS & COMPANY, INC.
Providing Engineering, Surveying, and Planning Services
1960 Zanker Road
San Jose, CA 95112
(408) 453-5373

DESIGNED BY : PLH	NUM	DATE	BY	REVISIONS	CITY ENGINEER APPROVAL	DATE
DRAWN BY : TC	△					
DATE : 11/10/06	△					
SCALE : NONE	△					
MT&CO. JOB NO. : 56-013838	△					

LANDMARK TOWER OF MILPITAS
STORMWATER CONTROL PLAN EXHIBIT
MILPITAS **CALIFORNIA**

1 OF 1
FILE NO.

Table 3- Construction Plan C.3 Checklist

Stormwater Control Plan Reference	BMP Description	Plan Sheet Number
Section III.A	Swale is designed and constructed in accordance with the illustration and specification in the *Stormwater C.3 Guidebook*.	
Table 1, Exhibit, and Section III.B.2 & III.B.3	Swale A & B are sized and designed as specified.	
Table 1, Exhibit, and Section III.B.4	Structural BMP is needed to treat Area D.	
Table 1, Exhibit, and Section III.B.1	Area A drain to sanitary sewer.	
Table 2	Inlet that could be accessed from sidewalk and driveway to be marked with “No dumping” message	
Table 2	Interior floor drains, including indoor parking garage, are plumbed to sanitary sewer.	
Table 2	Pools, spas, and decorative fountains are plumbed to sanitary sewer.	
Table 2	Restaurant shall be equipped with floor sink suitably sized for washing, connected to sanitary sewer via a grease interceptor.	
Table 2	Trash enclosure shall be graded and roofed. Drain discharge to sanitary sewer.	
Table 2	Dumpsters to be marked with “No dumping of hazardous materials” or similar.	
Table 2	Adequate litter receptacles throughout building.	
Table 2	Vehicle/equipment cleaning, repair, and maintenance are prohibited.	
Table 2	Hose bibs will require keys to operate.	
Table 2	Sprinkler test water drain to sanitary sewer.	
Table 2	Boiler and condensate drain lines will discharge to sanitary sewer.	
Table 2	Rooftop mounted equipment will be roofted or covered.	
Table 2	Roofing, gutter, and trim shall not be copper or unprotected metals that may leach into runoff.	
Table 2	Plant selection to minimize irrigation, minimum use of fertilizers and pesticides, and for pest resistance.	

DETENTION, RETENTION, AND BMP SIZING WORKSHEET

See City of Milpitas Stormwater C.3 Guidebook, Chapter 5 for Instructions

Information from Planning and Zoning Application

Project Name: Landmark Tower
Address/Location: 600 Barber Lane.
Assessor's Parcel Number: 086-01-034
Applicant Name:
Applicant Address:
Phone: Fax: Email:

Information from C.3 Data Form

Project Site Size (sq. ft.): 130,728.
Existing impervious surface area (sq. ft.): 116,348.
New impervious surface to be replaced (sq. ft.):
New impervious surface to be added (sq. ft.):
New total impervious surface area (sq. ft.): 112,426.

Use a separate sheet for each catchment area

Total Area of this Catchment:

Table 1. Pervious Areas

Area ID	Surface	Size (square feet) Self-retaining	Size (square feet) Non-self retaining	Runoff factor "C"	Size * C
LS1	Landscape		2506	0.1	251
LS2	Landscape.		6353	0.1.	635
LS3	Landscape.		2024	0.1.	202.
LS4	Landscape.		7439	0.1	744
Totals		0	18322	0	1832 0

Runoff factors for non-self-retaining pervious areas

Surface	"C"
Turf	0.1
Landscape	0.1
Crushed aggregate	0.1
Pervious Concrete	0.6
Pervious Asphalt	0.55

Table 2. Impervious Areas

Area ID	Surface	Size (square feet)	BMP to be used	Sizing Factor	Minimum Surface Area	Surface Area as designed
Area A	Roof	30,545	Plumb to sanitary sewer			
Area B	Paving/Roof/ Sidewalk/ Landscape	43,559	Swale A.	0.034	1,481.	1,805
Area C	Paving/Roof/ Sidewalk/ Landscape.	38,742	Swale B	0.034	1,317	1,800
Area D	Paving/SW	11475	Structural BMP			
Total		124341 0				

Sizing Factors

BMP	Factor
Landscape Swale	0.034
Vegetative Filter	0.034
Stormwater Planter	0.034
Bioretention	0.034
Sand Filter	0.034

Total Area Served by Integrated/Distributed BMPs: 82301 0
Remaining DCIA not Served by Integrated/Distributed BMPs: 42040 0
Total Remaining Connected Area in This Catchment: 0

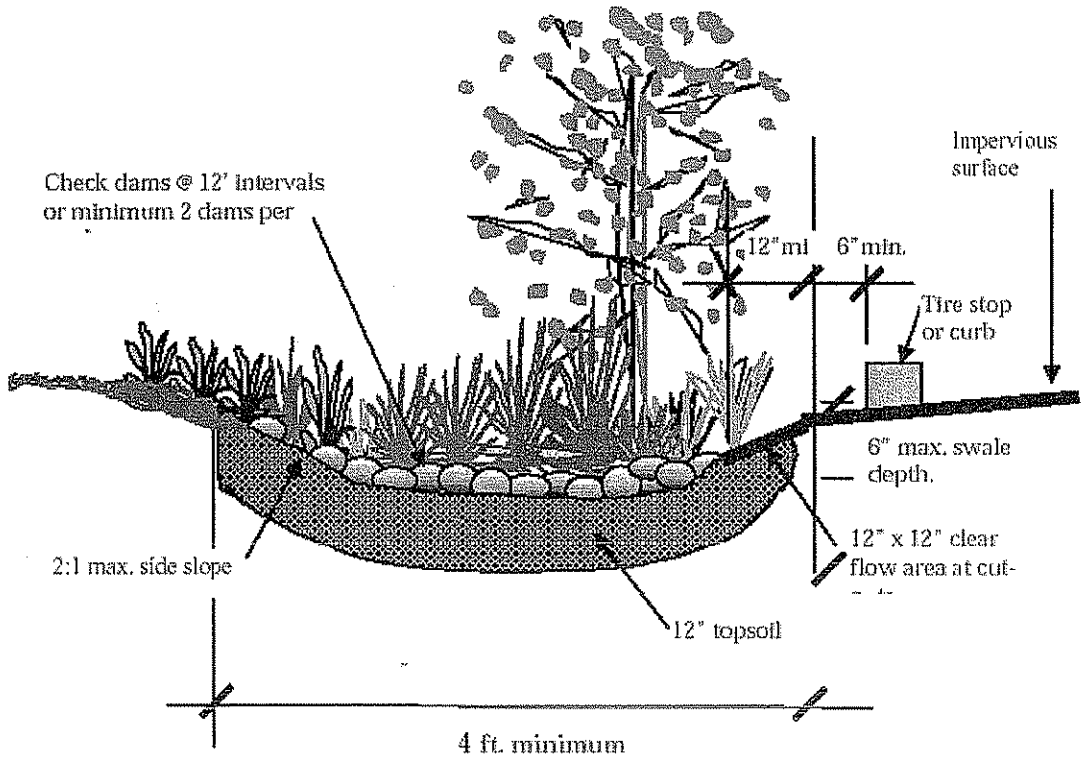
Structural BMP Water Quality Volume (California BMP Method)

Percent remaining directly connected impervious area: 0%
Enter unit basin storage volume (from nomograph): 0.04
Water Quality Volume (cubic feet): 0

Structural BMP Design Flow Rate

Runoff factor for non-self-retaining area: 0
Design Rainfall Intensity (inches/hour): 0.2
Design Flow Peak Rate (cubic feet/hour): 0.0

► *LANDSCAPE SWALE*



Section Not to Scale

Minimum length: 20 feet.

Maximum slope: 6%.

Soils in the top 12" to be equivalent to a sandy loam with a minimum infiltration rate of 5 inches/hour.

Irrigation required to maintain plant viability.

Check dams should extend the width of the swale, be 12" in length along the swale, 3"-5" high and constructed of rock, old brick, concrete, or similar.

No bypass required for larger storms.

Provide liner where required to protect groundwater. Provide underdrain system in "D" soils or where liner is required.

Drawing courtesy City of Portland, OR.

City of Milpitas **C.3 Data Form**

Submit with Stormwater Control Plan

When Should This Form Be Completed?

Complete this form if any of the following applies:

- Project was "deemed complete" between Oct. 15, 2003 – Oct. 5, 2005 and has added or replaced an impervious surface area of 1 acre (43,500 square feet) or more.
- Project was "deemed complete" after Oct. 6, 2005 and has added or replaced an impervious surface area of 10,000 square feet or more and falls within the Group 2A categories (see below).

Note: For public roadways, include new impervious surface areas, but not replaced impervious surface areas.

What is an Impervious Surface?

Any surface on or above ground that prevents the infiltration or passage of water into the soil. Impervious surfaces include, but are not limited to, non-absorbent rooftops, paved or covered patios, driveways, parking lots, paved walkways, compacted soil or rock, and streets. It includes streets, roads, highways, and freeways that are under the City of Milpitas' jurisdiction and any newly constructed paved surface used primarily for the transportation of automobiles, trucks, motorcycles, and other motorized vehicles. Excluded from this category are public sidewalks, bicycle lanes, trails, bridge accessories, guardrails, and landscape features.

How To Determine the Date "Deemed Complete"

Private projects are "deemed complete" when the list of requirements needed for planning application submittals (provided by the Planning Division) is complete and ready to be processed. This list includes the Stormwater Control Plan. **Public projects** are "deemed complete" when City Council approves ***design*** funding.

What are the Group 2A Categories?

- Gas stations;
- Auto wrecking yards;
- Loading dock areas and surface parking lots containing more than 10,000 square feet or more of impervious surface area;
- Vehicle or equipment maintenance areas (including washing and repair), outdoor handling or storage of waste or hazardous materials, outdoor manufacturing area(s), outdoor food handling or processing, outdoor animal care, outdoor horticultural activities, and various other industrial and commercial uses where potential pollutant loading cannot be satisfactorily mitigated through other post-construction source control and site design practices.

For More Information

Contact the Planning Division at 408-586-3279.

Date: 1-9-06 APN # 086-01-034

Project Name: Landmark Tower of Milpitas

Project Description: 18-Stories Mix-use developments with 5 stories Parking garage.

Project Location (Address): 600 Barber Lane.

Applicant Info (Name, Address, Phone #): _____

Contractor / Designer Info (Name, Company, Address, Phone #): _____

1. ☐ **Public** ☒ **Private**
2. ☐ **New** ☒ **Redevelopment**
3. **Project Type** (select one):
   - ☐ Commercial/Industrial
   - ☒ Mixed Use
   - ☐ Residential
   - ☐ Restaurant / Retail
   - ☐ Shopping Center
   - ☐ Streets / Roads / Highways
4. **Impervious Surface Area (SF = Square Feet):**
   - a. Entire Site Size: 130,728 SF
   - b. **EXISTING** Impervious Surface Area: 116,348 SF
   - c. **EXISTING** Impervious Surface Area **to be Removed**: 116,348 SF

d.	**NEW** Impervious Surface Area **to be Added or Replaced**	112,405 SF
e.	**TOTAL** Impervious Surface Area (b-c+d)	112,405 SF

50% Rule (only applies to existing developments NOT subject to stormwater treatment measures):

f.	Percent Impervious Surface Area in Final Design (e/a x 100%)	86. %

For Significant Redevelopments (check appropriate box):
- ☐ If 50% or more, the entire project must be included in the treatment measure design.
- ☐ If less than 50%, only that affected portion must be included in the treatment measure design.

g. **Total Land Disturbance** During Construction 130,728 SF
Includes clearing, grading, and excavating.

5. Pesticide Reduction Measures Used (Check all that apply):

- ☐ None - Doesn't Apply
- ☐ Education
- ☐ Conditions of Approval
- ☐ Physical and Mechanical Horticultural Measures
- ☐ Environmental Measures
- ☐ Biological Measures
- ☐ Chemical Measures
- ☐ Other _____

6. Stormwater Control Measures Used (Check the appropriate boxes that apply to the project):

SITE DESIGN

- ☐ Minimize land disturbance
- ☒ Minimize impervious surfaces
- ☐ Minimum-impact street design
- ☒ Minimum-impact driveway or parking lot design
- ☐ Cluster structures/pavement
- ☒ Disconnect downspouts
- ☐ Alternative driveway design
- ☐ Microdetention in landscape
- ☐ Preserve open space: _____ sq. ft.
- ☐ Protect riparian and wetland areas, riparian buffers (setback from top of bank: _____ ft.)
- ☒ Minimize change in runoff hydrograph
- ☐ Other: _____

STORMWATER TREATMENT

- ☐ Bioretention
- ☐ Drain Insert
- ☐ Exfiltration Trench
- ☐ Extended Detention Basin
- ☐ Hydrodynamic Separators
- ☐ Infiltration Basin
- ☐ Infiltration Trench
- ☒ Media Filter
- ☐ Multiple Systems
- ☐ Planter Boxes
- ☐ Porous Pavement
- ☐ Retention/Irrigation
- ☐ Roof Gardens
- ☐ Underground Detention Systems
- ☐ Vegetated Buffer Strip
- ☒ Vegetated Swale
- ☐ Vortex Separator*
- ☐ Water Quality Inlet
- ☐ Wet Pond
- ☐ Wet Vault
- ☐ Wetland
- ☐ Other: _____

SOURCE CONTROLS

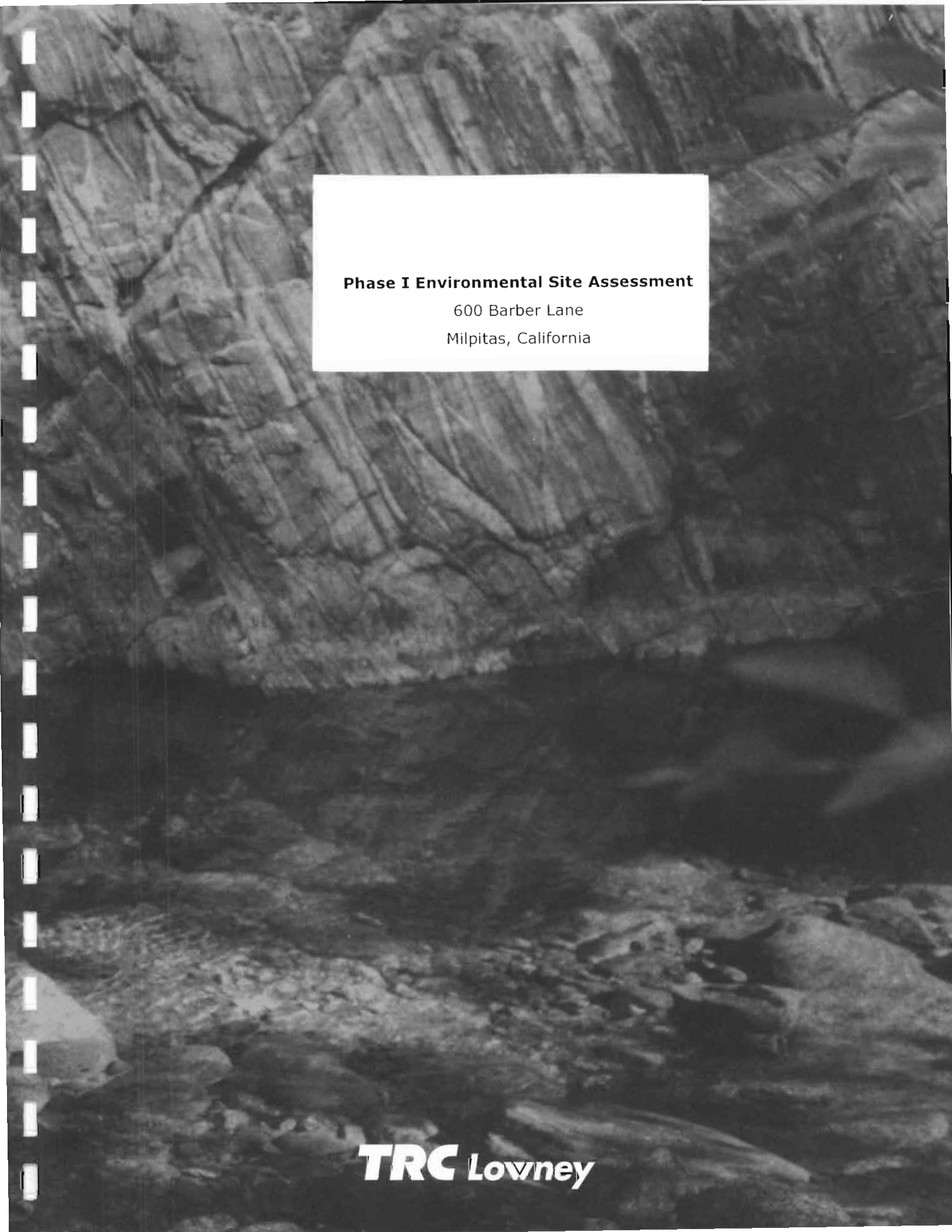
- ☐ Alternative building materials
- ☐ Wash area/racks, drain to sanitary sewer
- ☒ Covered dumpster area, drain to sanitary sewer
- ☒ Swimming pool/fountain drain to sanitary sewer
- ☒ Beneficial landscaping (minimizes irrigation, runoff, pesticides and fertilizers; promotes treatment)
- ☐ Outdoor material storage protection
- ☐ Covers, drains for loading docks, maintenance bays, fueling areas
- ☒ Maintenance (street sweeping, catch basin cleaning)
- ☐ Permeable pavement
- ☒ Storm Drain Signage
- ☐ Green or Blue Roofs
- ☐ Other: _____

FOR CITY STAFF ONLY

PRIVATE PROJECTS	*PUBLIC PROJECTS*
Planning:	***Design & Construction Engineering / Special Projects:***
Date Received: _____	Date Received: _____
By (Name): _____	By (Name): _____
Permit #: _____	Permit #: _____
Project #, if aplicable: _____	Project #, if aplicable: _____
Master Permit #, if applicable: _____	Master Permit #, if applicable: _____
Date Entered into Database: _____	Date Entered into Database: _____
By (Name): _____	By (Name): _____

APPENDIX G

PHASE I ENVIRONMENTAL SITE ASSESSMENT



Phase I Environmental Site Assessment

600 Barber Lane

Milpitas, California

TRC Lowney

TRC Lowney

Phase I Environmental Site Assessment

600 Barber Lane

Milpitas, California

This report has been prepared for:

David J. Powers and Associates

1885 The Alameda, Suite 204, San Jose, California 95126

September 6, 2006
Project No. 858-48A

Belinda P. Blackie, P.E., R.E.A.
Senior Project Engineer

Thomas F. McCloskey, P.G., C.E.G.,C.HG.
Principal Geologist

2258 Camino Ramon San Ramon, CA 94583-1353
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PHASE I ENVIRONMENTAL SITE ASSESSMENT
600 BARBER LANE
MILPITAS, CALIFORNIA

1.0 INTRODUCTION

1.1 Purpose

This Phase I environmental site assessment was performed for David J. Powers and Associates, who we understand is working on the Environmental Impact Report (EIR) for the proposed development of the site with a 18-story mixed-use commercial and residential building with an attached 11-story parking garage and sub-floor parking. The site location and configuration is shown on Figures 1 and 2, respectively.

The purpose of this study was to strive to document recognized environmental conditions at the site related to current and historic use of hazardous substances and petroleum products. The term "recognized environmental conditions" means the presence or likely presence of hazardous substances or petroleum products on a property under conditions that indicate a significant release or significant threat of a release into the ground, ground water, or surface water.

1.2 Scope of Work

The Phase I scope of work for this study was performed in general accordance with the American Society for Testing and Materials (ASTM) Designation E 1527-00 as outlined in our agreement dated June 14, 2006. The Phase I scope of work included the following tasks:

- Reconnaissance of the site and limited drive-by survey of adjacent properties for readily observable indications of current or historic activities that have or could significantly impact the site.
- Review of readily available topographic maps and reports to evaluate local hydrogeologic conditions, including anticipated ground water depth and flow direction.
- Review of readily available documents, maps, and aerial photographs, and interviews with knowledgeable persons to evaluate past land uses.
- Acquisition and review of a regulatory agency database report to evaluate potential impacts to the site from reported contamination incidents at nearby facilities.
- Review of available regulatory agency files to obtain information about the use and storage of hazardous materials at the site.

The limitations of this environmental site assessment are presented in Section 6.0; the terms and conditions of our agreement are presented in Appendix A.

2.0 SITE RECONNAISSANCE

2.1 Site Location and Ownership

The site generally is bounded by a large retail center to the northwest, Barber Lane and parking lots for office buildings to the southwest, Interstate 880 and a highway off-ramp to the northeast, and a large retail center to the southeast, in a generally commercial area in Milpitas, California. Site location and ownership information are shown in Table 1.

Table 1. Site Information

Site Address	APN	Approx. Site Acreage	Total Building Square Footage	Site Owner
600 Barber Lane, Milpitas, CA 95035	086-01-034	3.6	25,562	600 Barber Lane, LLC

2.2 Topographic Features and Hydrogeology

Based on U.S. Geological Survey (USGS) topographic maps, the site elevation is approximately 20 feet above mean sea level. Topography in the vicinity of the site slopes generally to the north to northwest. Based on information obtained from a report previously prepared for the site, ground water in the vicinity of the site likely occurs at depths of approximately 5 to 20 feet (TRC Lowney 2006). Ground water beneath the site likely flows to the north to northwest towards the San Francisco Bay.

2.3 Site Visit

To observe current site conditions, our representative, environmental engineer Belinda Blackie, visited the site on August 25, 2006, and was unaccompanied. At the time of our reconnaissance, the site consisted of a largely vacant building that previously housed Billings Chevrolet, and the surrounding parking lot. The front showroom portion of the building was occupied by a mattress sales business.

The on-site building was divided into two areas by a concrete block wall. The front portion of the building consisted of the mattress showroom, empty offices and other conference-type rooms, the former service department, and an unfinished warehouse-type area that appeared to be the former parts department. A partial second story was observed at the rear of the front portion of the building, which primarily housed offices, a janitor's closet, and a large unfinished room. A parts and service vehicle receiving area was present on the southeastern side of the building, with several adjacent small detached offices. A Proposition 65 warning sign was posted on the parts and service center door, but all hazardous materials appeared to have been removed from the facility with the exception of one unchained cylinder of helium present in the mattress showroom area. With the exception of the mattress showroom, the entire building appeared vacant.

The rear portion of the building appeared to be the former vehicle servicing area consisted of an enclosed concrete slab accessed by several roll-up doors. Two approximately 4-inch wide, grate-covered drains were observed traversing the width

of the service area, one along each side, ending at the southeastern wall. Anchor bolts for what appeared to have been approximately 12 aboveground vehicle lifts also remained present, as did a floor drain at the northern corner of the service area.

Adjacent southeast of the service center, outside the building where the drainage trenches appeared to have extended underground, were two patched areas in the concrete. The smaller area, closest to the building, surrounded a sewer connection. The larger area appeared to have been the former oil/water separator.

Near the eastern corner of the rear parking lot, a circular structure in the ground appeared to have been filled with concrete. Several vertical steel pipes were observed around the structure to protect it from vehicle traffic. The purpose of the structure was unable to be determined.

The fenced enclosure where a gasoline/oil/coolant aboveground storage tank (AST) previously was located was observed outside the northeastern corner of the building. The concrete area was surrounded by a concrete berm and no significant staining of the concrete was observed. A second fenced storage area, empty at the time of the reconnaissance, was observed outside the northwestern wall of the building. Adjacent to this fenced enclosure was a large concrete area appearing possibly to have been an automobile washing area. An approximately 4-inch wide, grate-covered drain, similar to those observed within the service area, was observed traversing across the slab adjacent to the building.

The remainder of the exterior areas of the site included landscaped areas and large expanses of asphalt-paved parking areas. The front parking area was fenced off from the rear parking areas by metal fencing located on either side of the building.

Additional observed site features are listed in Table 2.

Table 2. Additional Readily Observable Site Features

Site Features				Comments
Heating/Ventilation/Air Conditioning System	☒	Natural Gas and/or Electrical		
	☐	Fuel Oil		
Potable Water Supply	☒	Municipal	☐ On-Site Well	
Sewage Disposal Syst.	☒	POTW	☐ On-Site Septic	
Transformers	☒	Present	☐ Not Observed	T-2090; pad-mounted transformer within fenced enclosure. No leakage was observed.
	☒	PG&E	☐ Privately Owned	
Other Features	☒	Aboveground Storage Tanks		Previous location observed.
	☐	Agricultural Wells		
	☐	Air Emission Control Systems		
	☒	Auto Servicing Areas		Currently vacant.
	☐	Boilers		
	☐	Burning Areas		
	☐	Chemical Mixing Areas		
	☐	Chemical Storage Areas		
	☐	Clean Rooms		
	☐	Drainage ditches		
	☐	Elevators		
	☐	Emergency Generators		
	☐	Equipment Maintenance Areas		
	☐	Garbage Disposal Areas		
	☒	HazMat Storage Areas		Currently vacant.
	☐	High Power Transmission Lines		
	☐	Hoods and Ducting		
	☐	Hydraulic Lifts		
	☐	Petroleum Pipelines		
	☐	Petroleum Wells		
	☐	Ponds or Streams		
	☐	Railroad Lines		
	☐	Row crops or orchards		
	☐	Stockpiles of soil or debris		
	☒	Sumps or clarifiers		Previous location observed; closed in-place.
	☐	Underground Storage Tanks		
	☐	Vehicle Maintenance Areas		
	☒	Vehicle Wash Areas		
	☐	Waste Water Neutralization Systems		Possible area observed outside northwestern wall of building.
	☐	Wells		

Note: An unchecked box does not warrant that these features are not present on-site; it only states that these features were not readily observed during our site visit.

2.4 Site Vicinity Drive-By Survey

To evaluate adjacent land use, we performed a limited drive-by survey. Our observations are presented in Table 3.

Table 3. Adjacent Properties

Development Type/Business Name Address	Observations	Direction from Site
Large retail center 206 – 550 Barber Lane	Numerous retail stores, including several restaurants, markets, and service shops	Northwest
Parking lots for Cisco Systems Buildings 23 and 24	Large expanses of asphalt-paved parking lots	Southwest
Interstate 880 and associated freeway off-ramp		Northeast
Ulfert's Large retail center 640 – 792 Barber Lane	Numerous retail stores, including several restaurants	Southeast

2.5 Interviews

The current site tenant was not present at the facility at the time of our site reconnaissance and therefore interviews were unable to be conducted.

2.6 Environmental Questionnaire

An environmental questionnaire was sent to Mr. Phuong Pham, a representative of the current site owner. The information presented on the questionnaire is used to obtain general information regarding past and current site usage. At the time this report was issued, the completed questionnaire had not been returned to us.

3.0 HISTORICAL REVIEW

3.1 Photograph and Map Review

To evaluate the site history, we reviewed the following:

- Aerial photographs (dated 1939, 1956, 1965, 1982, 1993, and 1998) from Environmental Data Resources, Inc. (EDR) in Millford, Connecticut.
- USGS 15-minute and 7.5-minute topographic maps (dated 1953, 1961, 1968, 1973, and 1980).
- Historic Sanborn fire insurance maps were requested from EDR. No Sanborn maps were available.

The above maps and photographs commonly provide historical information regarding a site including land uses and changes in development over time. Copies of these maps and photographs are presented in Appendix B. The following is a summary of our observations for the site and site vicinity.

3.1.1 Site

1939: The 1939 aerial photograph showed the site appearing to be undeveloped land or possibly agriculturally cultivated.

1953 through 1982: On the aerial photographs from this time period, the site appeared to be agriculturally cultivated with row crops. No development was depicted on-site on topographic maps from this time period.

1993: The 1993 aerial photograph showed the current on-site building (former Billings Chevrolet) present on what appeared to be an otherwise undeveloped lot. The paved parking area surrounding the building did not yet appear present. The building may have been in the final stages of construction.

1998: On the 1998 aerial photograph, the current on-site building appeared present, with numerous vehicles visible in the parking areas surrounding the buildings.

3.1.2 Site Vicinity

1939 through 1965: The site vicinity appeared to be primarily agriculturally cultivated with row crops and some interspersed orchards. A residential structure and associated out buildings appeared present across Barber Lane from the site. Barber Lane (or a street in the current location of Barber Lane) was visible as early as 1939. Interstate 880 was present by 1956 but was not present on the 1939 aerial photograph. A residential subdivision was visible east of Interstate 880 by 1956.

1982: The site vicinity to the west of Interstate 880 appeared to remain primarily cultivated with row crops, with agricultural buildings also present. The parcel adjacent west of the site (or close to it) appeared to consist of multiple greenhouses. The vicinity to the east of Interstate 880 consisted of some undeveloped land, but appeared primarily to be residentially and commercially developed.

1993: All adjacent parcels appeared undeveloped. The outer site vicinity appeared primarily to consist of undeveloped land and commercial and residential developments. Barber Lane was visible along the western site boundary.

1998: What appeared to be commercial/retail buildings appeared present to the northwest and southeast of the site. Parcels adjacent southwest and northeast appeared undeveloped. Interstate 880 was present to the east of the site. The outer site vicinity appeared primarily to consist of undeveloped land and commercial and residential developments.

3.2 City Directories

Our review of available city directories obtained from EDR provided limited information. Listed past site occupants are presented in Table 4, and the EDR report is presented in Appendix C.

Table 4. Reported Past Site Occupants

Year	Occupant
1922 - 1991	Address not listed
1996	Billings Chevrolet
2000 - 2001	Address not listed

4.0 REGULATORY RECORDS

4.1 City and County Agencies File Review

To obtain information on hazardous materials usage and storage, we requested readily available information at the Milpitas Building Department (MBD), Milpitas Fire Department (MFD), Santa Clara County Environmental Health Department (SCCEHD), and Santa Clara Valley Water District (SCVWD) pertaining to 600 Barber Lane, Milpitas. According to the SCVWD website, no file information was available for the site. Information made available to us by the MBD, MFD, and SCCEHD is summarized in Table 5 below. Copies of selected documents are presented in Appendix D.

Table 5. Available File Review Information

Agency	Date	Entity	Remarks
MBD	2/3/92	Billings Chevrolet	Sewer use permit indicating on-site building would be 25,562 square feet in area and located on a 156,250 square foot site. The building area reportedly had not previously been occupied.
MBD	5/12/92	Billings Chevrolet	Soils report (United Soil Engineering, Inc.) stating that the site was a vacant lot with ground water encountered at a depth of 19 feet. Construction deeper than 13 feet was stated as possibly requiring dewatering during development.
MBD	12/27/92	Billings Chevrolet	HMBP for Billings Chevrolet indicating facility would maintain 2,000 gallons gasoline, 600 gallons crank case oil, 300 gallons transmission oil, 600 gallons waste crank case oil, and 300 gallons waste coolant. A double-walled tank was to be located within a bermed and sealed secondarily contained area and was to have secondarily contained piping. Hazardous materials storage was to be both within and outside the on-site building.
MBD	2/12/93	Billings Chevrolet	Water pollution control plant form stating that a grease interceptor was located on-site receiving wastewater from a floor trench from the service bays.
MBD	2/22/93	The Westwood Company	Grading plan check for initial site grading.
MBD	3/9/93	Billings Chevrolet	Building permit application/plan check with Billings Chevrolet as property owner.

Agency	Date	Entity	Remarks
MBD	4/14/93	The Westwood Company	Building permit application for industrial building.
MBD	10/4/93	Billings Chevrolet	Building permit application for three ASTs and 13 aboveground lifts for automotive repair. The three-chambered, 2,000-gallon "lube cube" AST was to be located on an exterior concrete pad at the rear of the building. The AST was to contain a 1,000-gallon gas tank with a dispenser, a 600 gallon waste oil tank, and a 400 gallon waste coolant tank. One 280-gallon automatic transmission fluid AST and one 500-gallon motor oil AST also were to be present on-site, at the eastern corner of the building.
MBD	10/21/93	Billings Chevrolet	Building permit application for tenant improvements.
SCCEHD	Undated	---	Waste inventory form showing 1,700 gallons waste motor oil, 1,015 gallons waste antifreeze, 3,000 pounds solvent (cold tanks), 20 gallons waste carburetor cleaner, and 110 gallons non-RCRA hazardous waste liquid generated annually.
MFD	Undated	Billings Chevrolet	Business activities form stating hazardous materials used, hazardous wastes generated, and ASTs present; no USTs reported to be present. Hazardous materials inventory included 100 gallons ethylene glycol, 500 cubic feet oxygen, 250 cubic feet acetylene, 1,000 gallons gasoline (in AST), 100 gallons automatic transmission fluid (in AST), 600 gallons motor oil (in AST), 165 gallons miscellaneous soaps/detergents, 500 gallons waste antifreeze (in AST), 500 gallons waste oil (in AST), 80 gallons Stoddard solvent, and 80 gallons Mirachem 500 cleaner/degreaser.
SCCEHD	3/11/94	Billings Chevrolet, Inc.	Hazardous waste generator permit application indicating 5 to less than 25 tons/year of hazardous waste were generated by the facility. Type of business indicated as auto dealership.
MFD	4/12/94	Billings Chevrolet	Annual HMBP certification form.
MFD	5/13/94	Billings Chevrolet	Inspection report with no violations noted.
MFD	Undated	Billings Chevrolet	Hazardous materials inventory including 1,000 gallons unleaded gasoline, 500 gallons crankcase oil, 300 gallons transmission oil, 500 gallons waste crank case oil, and 300 gallons waste coolant.
MFD	6/2/94	Billings Chevrolet	Inspection report with violation to secure and cap gas cylinders, label waste coolant and waste oil, put up placarding in oil storage area, and submit HMBP.
MFD	7/22/94	Billings Chevrolet	Second notice for need to come into compliance with updated HMBP.

Agency	Date	Entity	Remarks
SCCEHD	8/3/94	Billing Chevrolet, Inc.	Hazardous waste generator official notice of inspection (NOI) with minor violations regarding employee hazardous waste training, lack of weekly hazardous waste storage container/tank area inspection, and emergency equipment not tested/maintained.
MFD	8/3/94	Billings Chevrolet	Hazardous materials inventory including 1,000 gallons unleaded gasoline, 500 gallons waste oil, 500 gallons waste coolant, 55 waste batteries, 500 gallons motor oil, 300 gallons automatic transmission fluid, 130 gallons Stoddard solvent, 1,000 cubic feet oxygen, 64 gallons gear lube, 650 cubic feet acetylene, and 233 cubic feet nitrogen. Included site plan noted several locations labeled as "solvent tank".
SCCEHD	9/8/94	Billings Chevrolet, Inc.	NOI with minor violation for lack of weekly container storage area inspection.
MFD	4/12/95	Billings Chevrolet	Inspection report with violation for need to label batteries.
MFD	8/16/95	Billings Chevrolet	Hazardous materials inventory including 1,000 gallons unleaded gasoline, 500 gallons waste oil, 500 gallons waste coolant, 500 gallons motor oil, 300 gallons automatic transmission fluid, 130 gallons Stoddard solvent, 1,000 cubic feet oxygen, 64 gallons gear lube, 650 cubic feet acetylene, and 233 cubic feet nitrogen.
MFD	3/1/96	Billings Chevrolet	Inspection report noting violation for disposal of gasoline in an inappropriate manner; no further information provided.
SCCEHD	7/30/96	Billings Chevrolet	Hazardous waste manifests for disposal of used automotive antifreeze by Evergreen Oil, Inc.
SCCEHD	1996/1997	Billings Chevrolet	Assorted hazardous waste manifests and waste analysis criteria forms for disposal of assorted quantities of aqueous brake solution/aqueous brake cleaner by Safety Kleen Corporation.
MFD	3/24/97	Billings Chevrolet	Inspection report noting violations for need to fix Safety Kleen tank and proper battery storage.
SCCEHD	1997/1998	Billings Chevrolet	Invoices from Evergreen Environmental Services for disposal of assorted quantities of used oil and used antifreeze.
MFD	3/25/98	Billings Chevrolet	Inspection report noting no significant violations.
SCCEHD	5/6/98	Billings Chevrolet	NOI indicating minor violations regarding manifesting/bills of lading for hazardous waste (violations noted to be corrected), lack of inspection of hazardous waste storage area and emergency equipment (violations noted to be corrected), lack of training (violation noted to be corrected).

Agency	Date	Entity	Remarks
SCCEHD	6/19/98	Billing Chevrolet, Inc.	Certification of compliance stating that the business had corrected violations from previous inspection.
MFD	3/26/99	Billings Chevrolet	Inspection report noting no significant violations.
MFD	3/29/00	Billings Chevrolet	Inspection report noting a violation for need to clean out oil from secondary containment tank of virgin oil.
SCCEHD	3/27/01	Billings Chevrolet	NOI with violations for lack of inspection of waste oil and waste coolant storage tanks (located behind the shop), waste coolant and waste oil collection reservoirs, and waste oil filters storage area, missing manifest copies, waste oil and waste coolant collection reservoirs in shop area without hazardous waste labeling, waste coolant being stored on-site for more than 90 days, need for hazardous waste management training program, presence of unlabeled drum of liquid (appearing to be oil and water) behind shop area, and the need for emergency response plan.
MFD	4/25/01	Billings Chevrolet	Inspection report noting a violation for need to clean area around oil filter storage area in compressor room.
MFD	4/2/02	Billings Chevrolet	Inspection report noting a violation for improper waste disposal in compressor room. No further details provided.
SCCEHD	2001/2003	Billings Chevrolet	Hazardous waste manifests for disposal of aqueous brake solution by Safety-Kleen Systems, Inc.
SCCEHD	2002	Billings Chevrolet	Hazardous waste manifest for disposal of oil/water sludge by Clean Harbors, San Jose.
MFD	4/11/03	Billings Chevrolet	Inspection report with no violations noted. Facility reportedly replacing a Safety-Kleen (unit) with a non-solvent cleaner.
SCCEHD	6/18/03	Billings Chevrolet	NOI with violations for three 30-gallon waste oil and two 30-gallon waste coolant drain buckets without hazardous waste labels, lack of documentation of inspection of waste oil, waste coolant, waste battery, and waste oil filter storage areas, missing documentation for some of the hazardous wastes disposed, need for a hazardous waste management training program, lack of needed hazardous waste labeling, and a contingency plan/emergency response plan. All violations noted to be corrected.
SCCEHD	6/18/03	Billings Chevrolet	NOI

Agency	Date	Entity	Remarks
SCCEHD	6/25/03	Billings Chevrolet	NOI indicated that waste coolant, waste oil, waste oil filters, waste brake solution, waste rag, and waste battery disposal records were reviewed. Three manifests reportedly were filed without a TSDF copy to verify proper disposal. Disposal of waste oil, waste coolant, waste oil filters, waste brake solutions, waste rags, and waste batteries noted.
MFD	5/12/05	Billings Chevrolet	Final Closure Report by Integrated Engineering Services. Billing Chevrolet reportedly was opened in Oct 1992 as an automobile dealership; Billings was the only occupant since opening and the dealership closed in Feb 2005. ASTs and a clarifier reportedly were present. An automobile repair garage was present on-site. On-site areas requiring decontamination at closure (primarily for oil and grease) included the service bay, AST storage, lube room, and empty drum storage area. Elevated oil and coolant piping were also removed. One 2,000-gallon gasoline/waste oil/waste antifreeze AST was removed from the east wall at the back of the facility. A 12 feet by 6 feet by 6 feet concrete oil/water clarifier was present below ground adjacent to the service bay on the south end of the site. Two associated trenches through the service bay also were present. The clarifier was pumped out and cleaned and the MFD inspector determined that there were no cracks and no evidence of leaks. A soil sample was collected from beneath the clarifier and analyzed for oil and grease; none was detected. The clarifier was subsequently perforated, filled with sand, and capped with concrete.
MFD	Undated	Billings Chevrolet	Business activities form stating that no USTs were present on-site; ASTs were reported as was the use of hazardous materials and generation of hazardous waste. Maximum quantities of hazardous materials reported at facility included 100 gallons ethylene glycol, 500 cubic feet oxygen, 250 cubic feet acetylene, 1,000 gallons gasoline (in an AST), 100 gallons automatic transmission fluid (in an AST), 80 gallons Stoddard solvent, 80 gallons Mirachem 500 cleaner/degreaser, 600 gallons motor oil (in an AST), and 165 gallons miscellaneous soaps and detergents. Maximum quantities of hazardous wastes included 500 gallons waste antifreeze (in an AST) and 500 gallons waste oil (in an AST).

Agency	Date	Entity	Remarks
MFD	5/16/05	Billings Chevrolet	Closure application for aboveground hazardous materials facilities indicated all hazardous materials had been removed from the facility, including ASTs, portable oil catch basins, parts cleaners, AC recovery, and transmission fluid. Clarifier was closed in place. Closure indicated as complete by MFD.
MBD	7/5/06	Jingdezhen Ceramic Art, Inc.	Occupancy inspection.

4.2 Regulatory Agency Database Report

During this study, a regulatory agency database report was obtained and reviewed to help establish if contamination incidents have been reported in the site vicinity. A list of the database sources reviewed, a detailed description of the sources, and a radius map indicating the location of the reported facilities relative to the project site are presented in Appendix C.

Billings Chevrolet, Inc. (facility 3 on the regulatory agency database report) was included on the Resources Conservation and Recovery Act (RCRA) small quantity generator database with no violations noted, on the Haznet database for disposal of aqueous solutions with less than 10 percent organic residues and unspecified solvent mixture wastes, and on the EMI emissions inventory database for emissions of 1 ton per year of total organic hydrocarbon gasses and 1 ton per year of reactive organic gasses per year from 1999 through 2003.

There were no reported nearby hazardous materials spills or releases appearing to have the potential to significantly impact the site, including facilities listed as "orphan" facilities (not able to be plotted by EDR due to insufficient or incorrect address information). The potential for site impact was evaluated based on information in the database records regarding the type of release, current case status, and distance and direction of the reported facilities from the site.

5.0 CONCLUSIONS

5.1 Historical Summary

The site appeared to have been undeveloped, possibly cultivated with row crops, on a 1939 aerial photograph. By 1953, the site was agriculturally cultivated, with row crops appearing present through at least the mid-1980s. The current on-site building appears to have been constructed in 1992/1993, and have been occupied by a vehicle sales and repair facility of Billings Chevrolet from that time until mid-2005. Following vacation of the facility by Billings Chevrolet, the building appears to have been occupied by a ceramic art dealer and a mattress sales facility. The front portion of the former showroom was occupied by the mattress sales facility at the time of this study, with the remainder of the facility appearing vacant.

5.2 Agricultural Use

The site was used for agricultural purposes for several decades. During the course of agricultural use, pesticides such as DDT may have been applied to crops in the normal

course of farming operations. Residual concentrations of pesticides can remain in soil for decades at elevated concentrations.

Because this site will be capped by the proposed commercial/multi-family residential development, risk to human health from residual pesticides, if present, will be significantly reduced. Construction worker health and safety issues and off-site disposal of excess soil, however, can be concerns if high levels of pesticides remain present. Soil sampling should be considered to evaluate if elevated pesticide concentrations are present.

5.3 Chemical Storage and Use

We understand that the previous tenant, Billings Chevrolet, engaged in automotive repair activities that required the use of hazardous materials. Gasoline, virgin and waste motor oil, automatic transmission fluid, waste coolant, parts cleaning solvent, and other typical automotive service and repair chemicals reportedly were stored on-site in ASTs and other above-grade containers. One clarifier was present to remove oil and grease from water discharged from the three floor drains prior to introduction to the sanitary sewer. ROIs from the MFD noted consistent minor violations for lack of labeling, improper record-keeping, housekeeping, and one violation in 1996 for improper disposal of gasoline. None of the violations, in our opinion, appeared to indicate the potential for a significant impact to underlying soil and/or ground water.

Billings Chevrolet reportedly closed on-site hazardous materials facilities in 2005, including removing remaining hazardous materials and cleaning and closing the clarifier in-place through filling with concrete. The MFD reportedly signed off on the closure in May 2005.

Significant quantities of hazardous materials were not observed on-site at the time of our reconnaissance.

5.4 Circular Structure in Rear Parking Area

An unidentifiable, concrete-filled circular structure was observed at the eastern corner of the site parking lot. The structure likely is not of significance to the planned future site development, but we recommend that the site owner be contacted in an attempt to determine the purpose of the structure.

5.5 Asbestos

Since the building was constructed in 1993, it is unlikely that the building materials used contain asbestos. However, since demolition of the building is under consideration, an asbestos survey may still be required by local authorities and/or be required under National Emissions Standards for Hazardous Air Pollutants (NESHAP) guidelines. NESHAP guidelines require that all potentially friable Asbestos Containing Material (ACM) be removed prior to building demolition or renovation that may disturb the ACM.

5.6 Urban Runoff Pollution Prevention Program

The Urban Runoff Pollution Prevention Program, also called the Non-Point Source Program, was developed in accordance with the requirements of the 1986 San Francisco Bay Basin Water Quality Control Plan to reduce water pollution associated

with urban storm water runoff. This program was also designed to fulfill the requirements of the Federal Clean Water Act, which mandated that the EPA develop National Pollution Discharge Elimination system (NPDES) Permit application requirements for various storm water discharges, including those from municipal storm drain systems and construction sites.

Construction activity resulting in a land disturbance of 1 acre or more, or less than 1 acre but part of a larger common plan of development or sale, must obtain a Construction Activities Storm Water General Permit. A Notice of Intent (NOI) and Storm Water Pollution Prevention Plan (SWPPP) must be prepared prior to commencement of construction.

5.7 Potential Environmental Concerns Within the Site Vicinity

Based on the information obtained during this study, no hazardous material incidents have been reported in the site vicinity that would be likely to significantly impact the site. As is typical to many commercial/industrial areas, several facilities in the vicinity, however, were reported as hazardous materials users. If leaks or spills occur at these facilities, contamination could impact the site, depending upon the effectiveness of cleanup efforts.

6.0 LIMITATIONS

As with all site assessments, the extent of information obtained is a function of client demands, time limitations, and budgetary constraints. Our conclusions and recommendations regarding the site are based on readily observable site conditions, review of readily available documents, maps, aerial photographs, and data collected and/or reported by others. Due to poor or inadequate address information, the regulatory agency database report listed several sites that may be inaccurately mapped or could not be mapped; leaks or spills from these or other facilities, if nearby, could impact the site.

Because publicly available information often cannot affirm the presence of recognized environmental conditions, there is the possibility that such conditions exist. Our conclusions and recommendations in this site assessment are qualified in that no soil, ground water, air, or building material analyses were performed. Sampling and analysis lead to a more reliable assessment of environmental conditions, conditions that often cannot be noted from typical Phase I activities. Should you desire a greater degree of confidence, these samples should be obtained and analyzed to further evaluate environmental conditions.

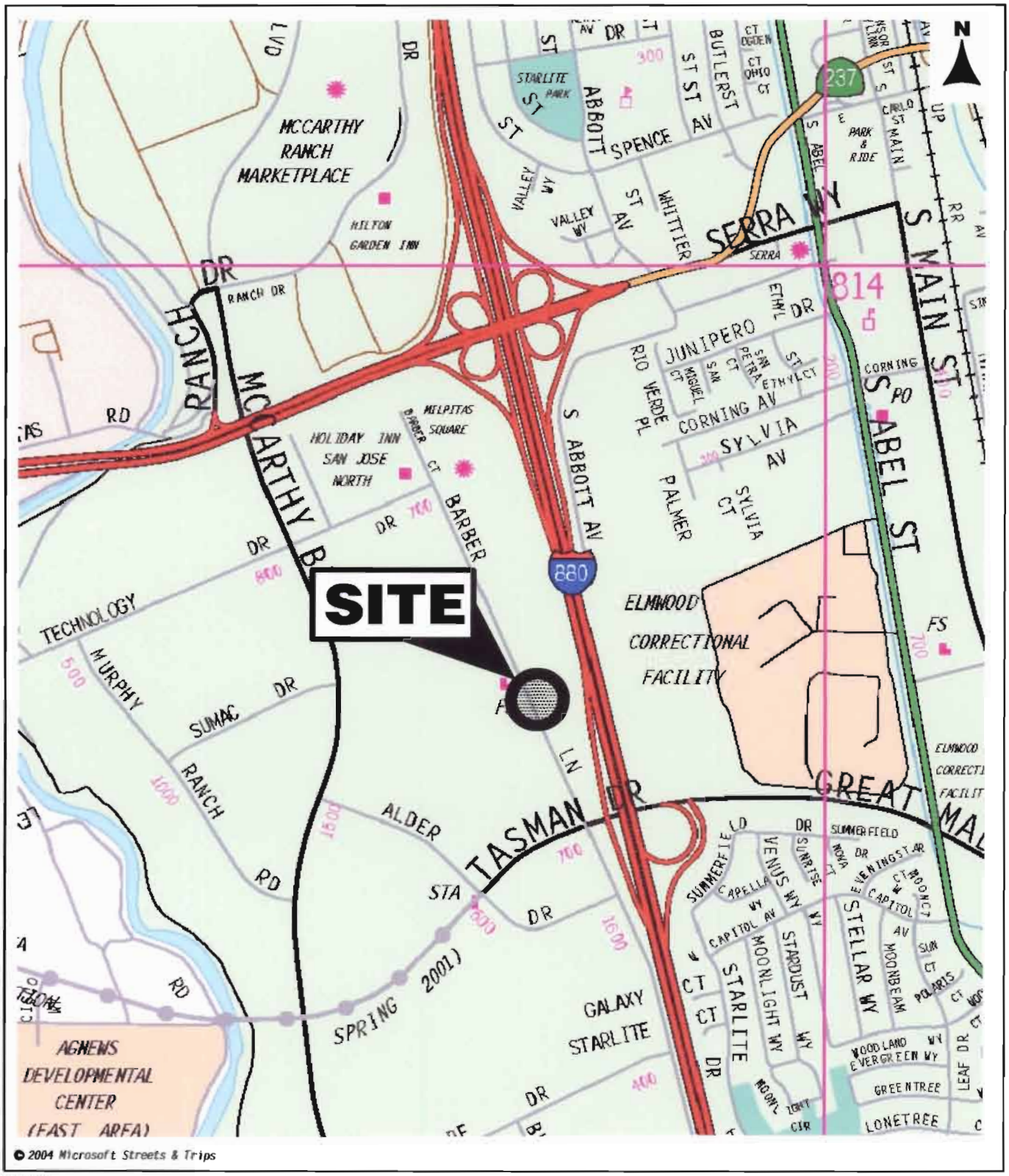
This report was prepared for the sole use of David J. Powers and Associates. We make no warranty, expressed or implied, except that our services have been performed in accordance with environmental principles generally accepted at this time and location.

7.0 REFERENCES

TRC Lowney. *Geotechnical Feasibility Investigation, Barber Lane Mixed-Use Development, Milpitas, California*. July 25, 2006.

* * * * * * * * * * * *

Figures

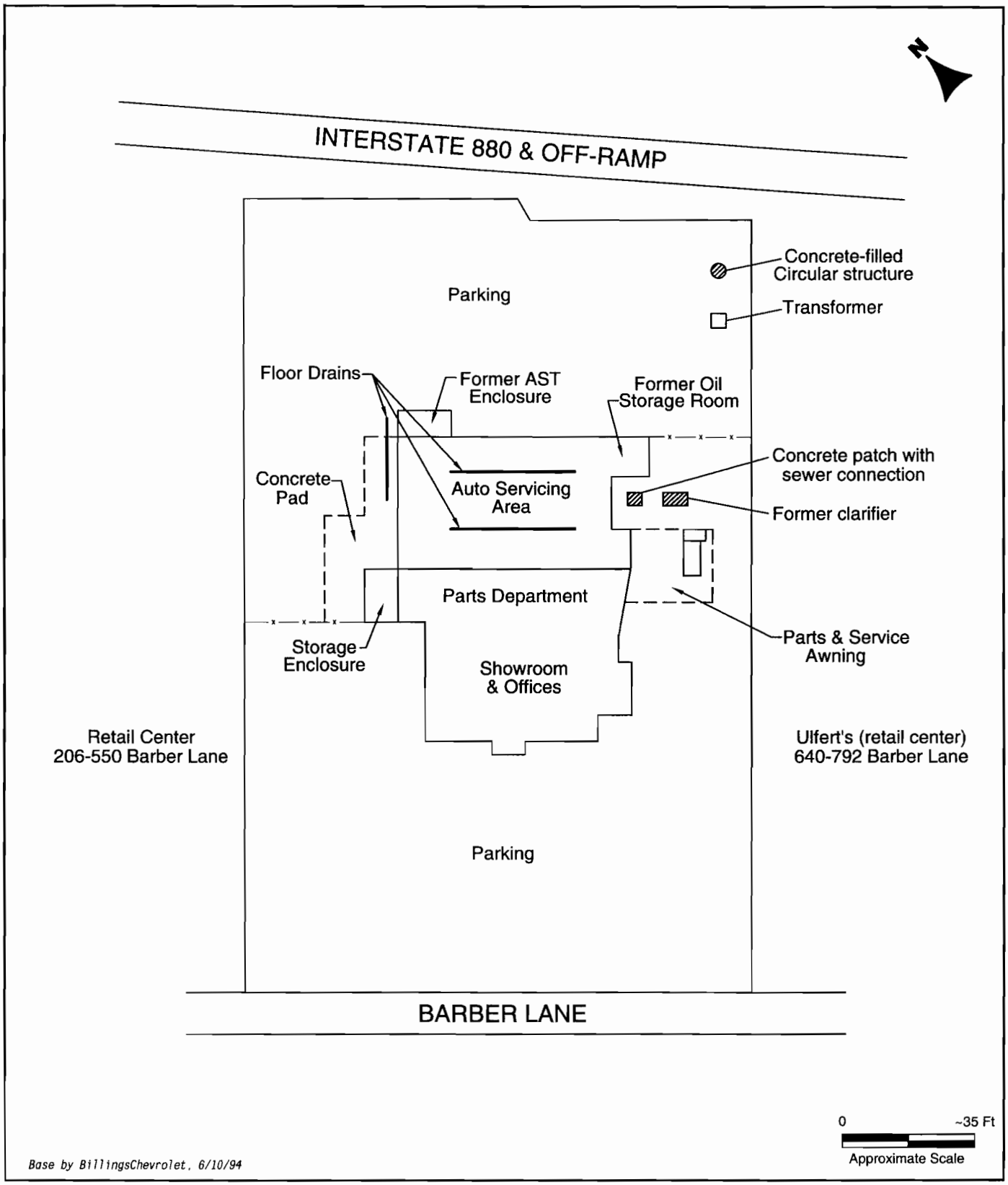


VICINITY MAP

600 BARBER LANE
Milpitas, California

TRC Lowney

FIGURE 1
858-48A



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VICINITY MAP

600 BARBER LANE
Milpitas, California

TRC Lowney

FIGURE 2
858-48A

Appendix A

APPENDIX A
TERMS AND CONDITIONS

APPLICATION FOR AUTHORIZATION TO USE

REPORT TITLE: PHASE I ENVIRONMENTAL SITE ASSESSMENT
600 BARBER LANE
PROJECT NUMBER: 858-48A

To: TRC Lowney
2258 Camino Ramon
San Ramon, California 94583-1353

From (Applicant): _____
(Please clearly identify name and address of person/entity applying for permission to use or copy this document)

Ladies and Gentlemen:

Applicant hereby applies for permission to rely upon TRC Lowney work product, as described above, for the purpose of:
(state here the purpose for which you wish to rely upon the work product)

Applicant only can accept and rely upon TRC Lowney's work product under the strict understanding that Applicant is bound by all provisions in the Terms and Conditions attached to the report. Every report, recommendation, finding, or conclusion issued by TRC Lowney shall be subject to the limitations stated in the Agreement between TRC Lowney and our Client and in the subject report(s). If this is agreeable, please sign below and return one copy of this letter to us along with the applicable fees. Upon receipt and if acceptable, our signed letter will be returned. TRC Lowney may withhold permission at its sole discretion or require additional re-use fees or terms.

FEES: A $200 coordination fee, payable in advance, will apply. If desired, for an additional $150 report reproduction fee, we will reissue the report in the name of the Applicant; the report date, however, will remain the same. All checks will be returned if the request is not approved.

REQUESTED BY

_____
Applicant Company

_____
Print Name and Title

_____
Signature and Date

APPROVED BY

TRC Lowney

_____
Print Name and Title

_____
Signature and Date

Appendix B

APPENDIX B
AERIAL PHOTOGRAPHS AND TOPOGRAPHIC MAPS

The EDR Aerial Photo Decade Package

Barber Lane Project
Bellew Drive/Barber lane
Milpitas, CA 95035

Inquiry Number: 1729095.5

August 04, 2006

EDR® Environmental Data Resources Inc

The Standard in Environmental Risk Management Information

440 Wheelers Farms Road
Milford, Connecticut 06461

Nationwide Customer Service

Telephone: 1-800-352-0050
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EDR Aerial Photo Decade Package

Environmental Data Resources, Inc. (EDR) Aerial Photo Decade Package is a screening tool designed to assist environmental professionals in evaluating potential liability on a target property resulting from past activities. EDRs professional researchers provide digitally reproduced historical aerial photographs, and when available, provide one photo per decade.

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Date EDR Searched Historical Sources:

Aerial Photography August 04, 2006

Target Property:

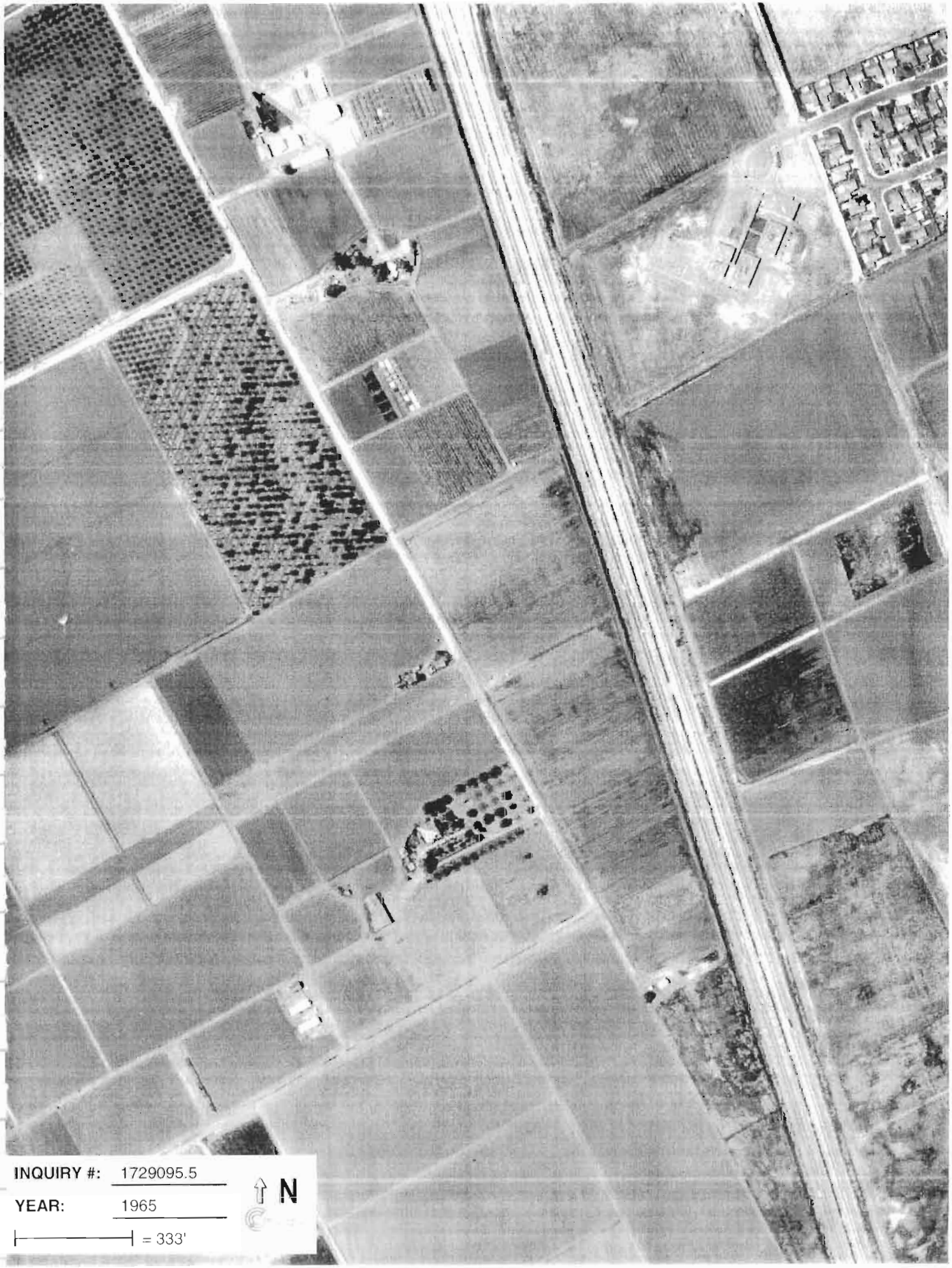
Bellew Drive/Barber lane

Milpitas, CA 95035

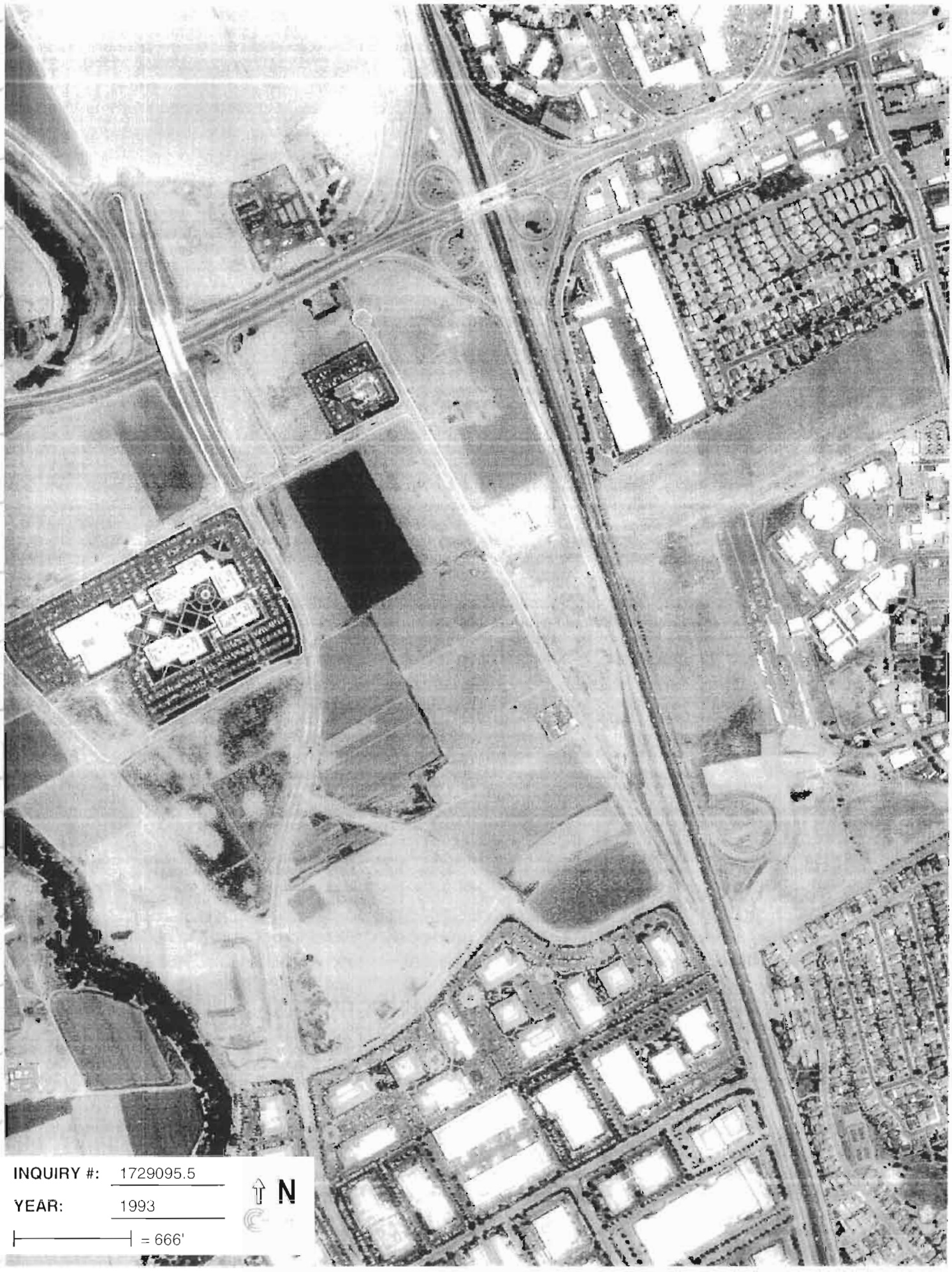
Year	*Scale*	*Details*	*Source*
1939	Aerial Photograph. Scale: 1"=555'	Flight Year: 1939	Fairchild
1956	Aerial Photograph. Scale: 1"=555'	Flight Year: 1956	Aero
1965	Aerial Photograph. Scale: 1"=333'	Flight Year: 1965	Cartwright
1982	Aerial Photograph. Scale: 1"=690'	Flight Year: 1982	WSA
1993	Aerial Photograph. Scale: 1"=666'	Flight Year: 1993	USGS
1998	Aerial Photograph. Scale: 1"=666'	Flight Year: 1998	USGS

INQUIRY #: 1729095.5
YEAR: 1939
= 555'
N

NIMITZ FREEWAY
INQUIRY #: 1729095.5
YEAR: 1956
N
= 555'


INQUIRY #: 1729095.5
YEAR: 1965
= 333'
N

INQUIRY #: 1729095.5
YEAR: 1982
= 690'
N


INQUIRY #: 1729095.5
YEAR: 1993
= 666'
N

INQUIRY #: 1729095.5
YEAR: 1998
= 666'
N

EDR® Environmental
Data Resources Inc

EDR Historical Topographic Map Report

Barber Lane Project
Bellew Drive/Barber lane
Milpitas, CA 95035

Inquiry Number: 1729095.4

August 04, 2006

The Standard in Environmental Risk Management Information

440 Wheelers Farms Road
Milford, Connecticut 06461

Nationwide Customer Service

Telephone: 1-800-352-0050
Fax: 1-800-231-6802
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Form-

EDR Historical Topographic Map Report

Environmental Data Resources, Inc.'s (EDR) Historical Topographic Map Report is designed to assist professionals in evaluating potential liability on a target property resulting from past activities. EDR's Historical Topographic Map Report includes a search of a collection of public and private color historical topographic maps, dating back to the early 1900's.

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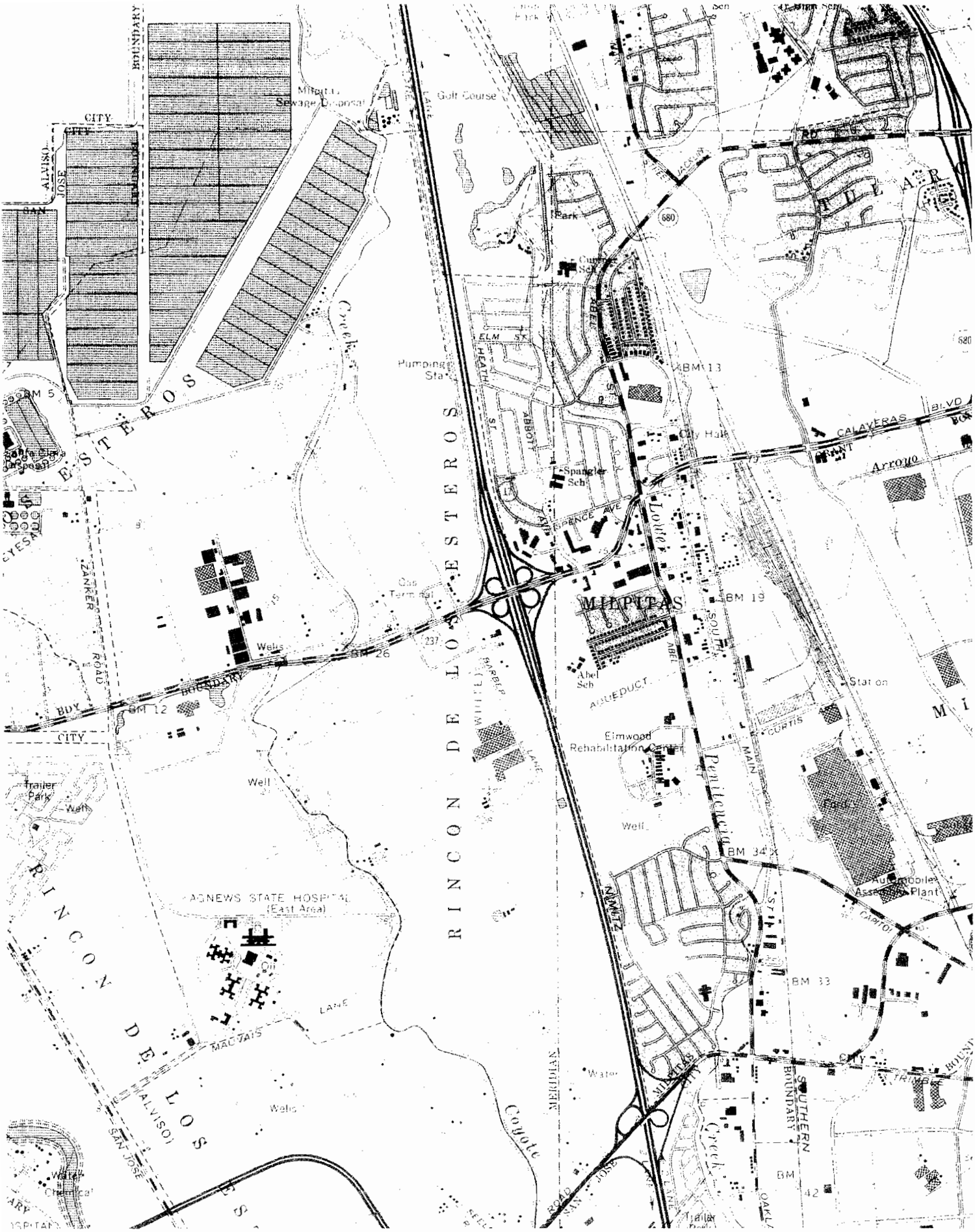
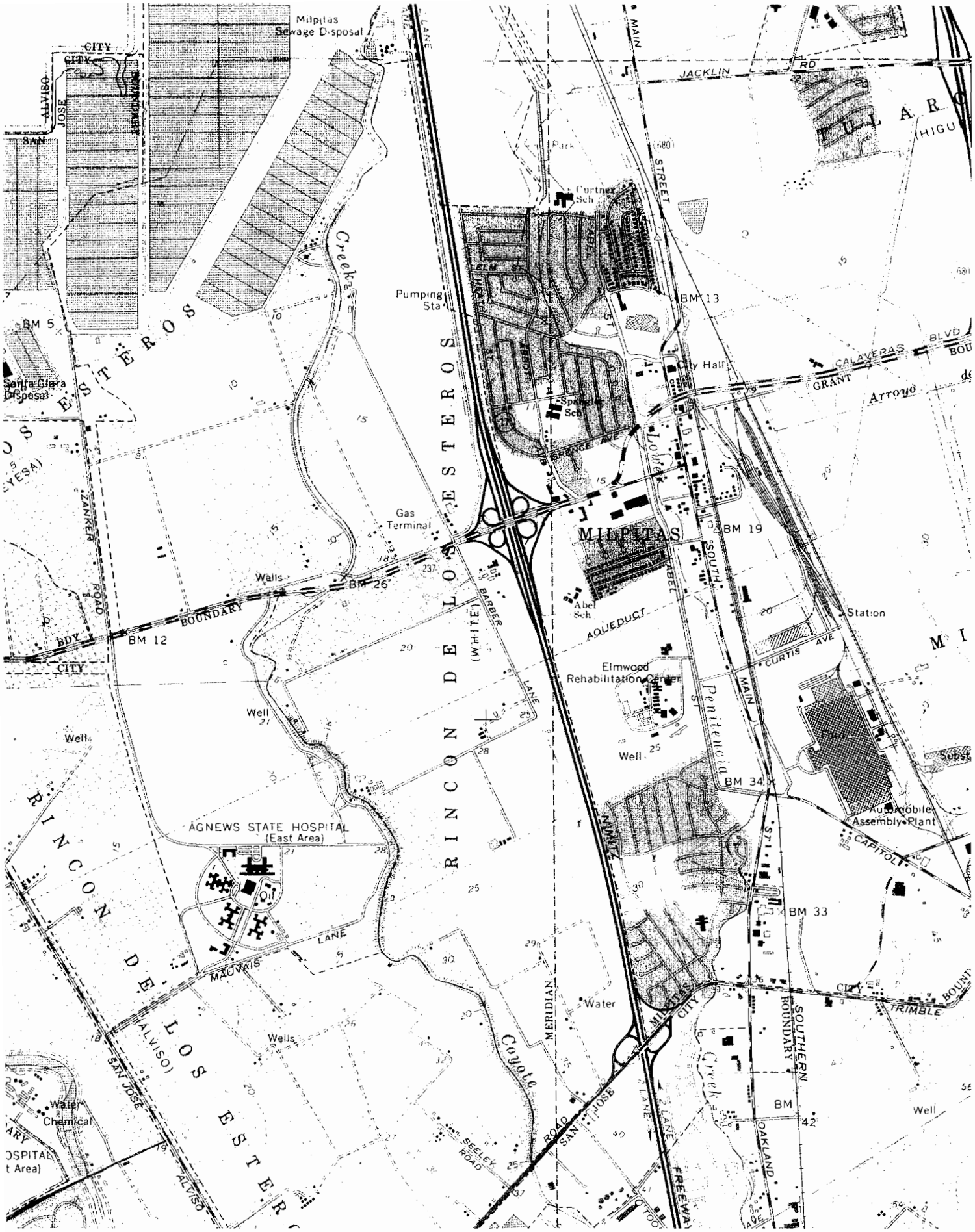


N ^ EDR INQUIRY# 1729095.4 TARGET QUAD: MILPITAS PhotoRevised: 1961-1980 Series: 7.5' Scale: 1:24,000



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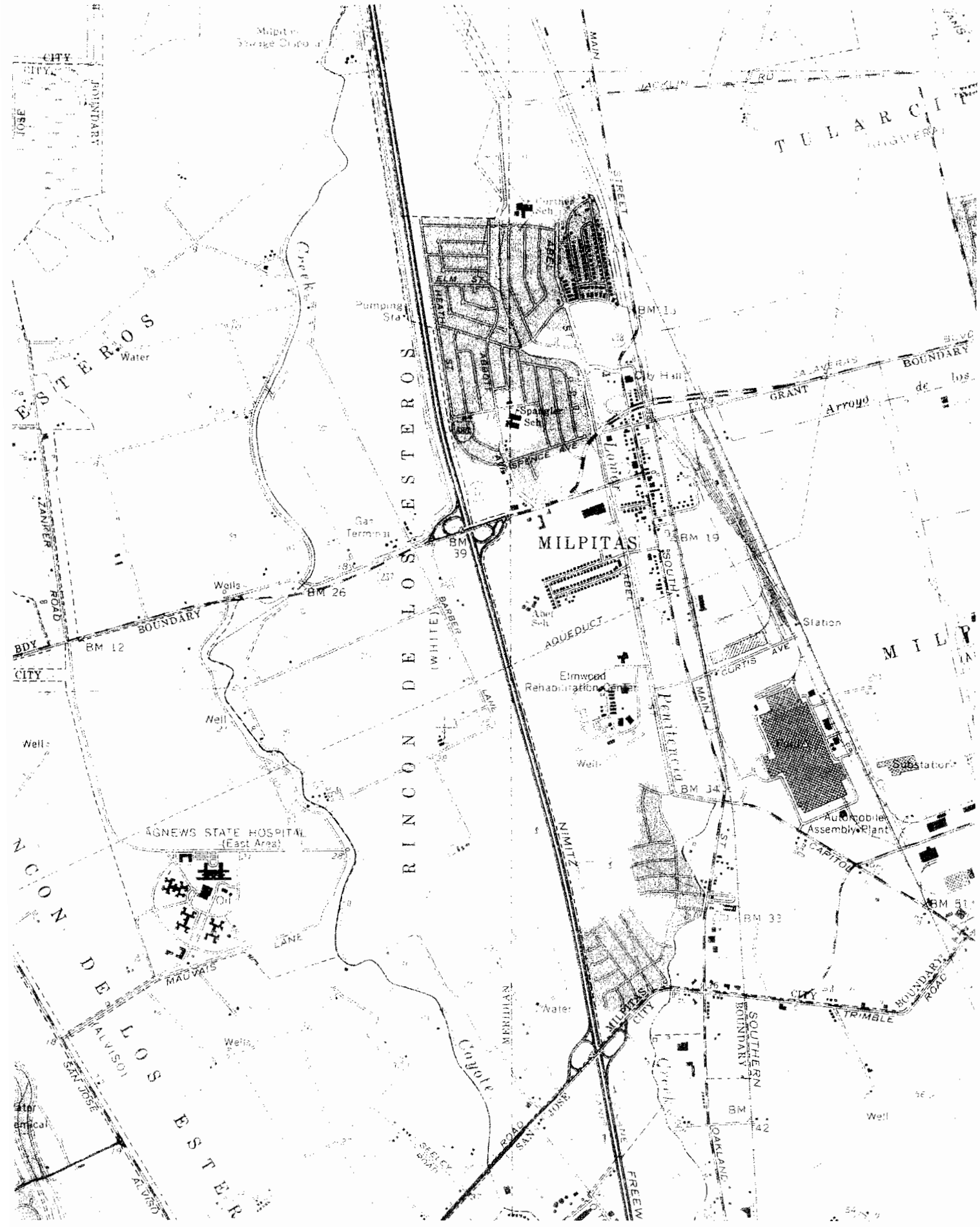

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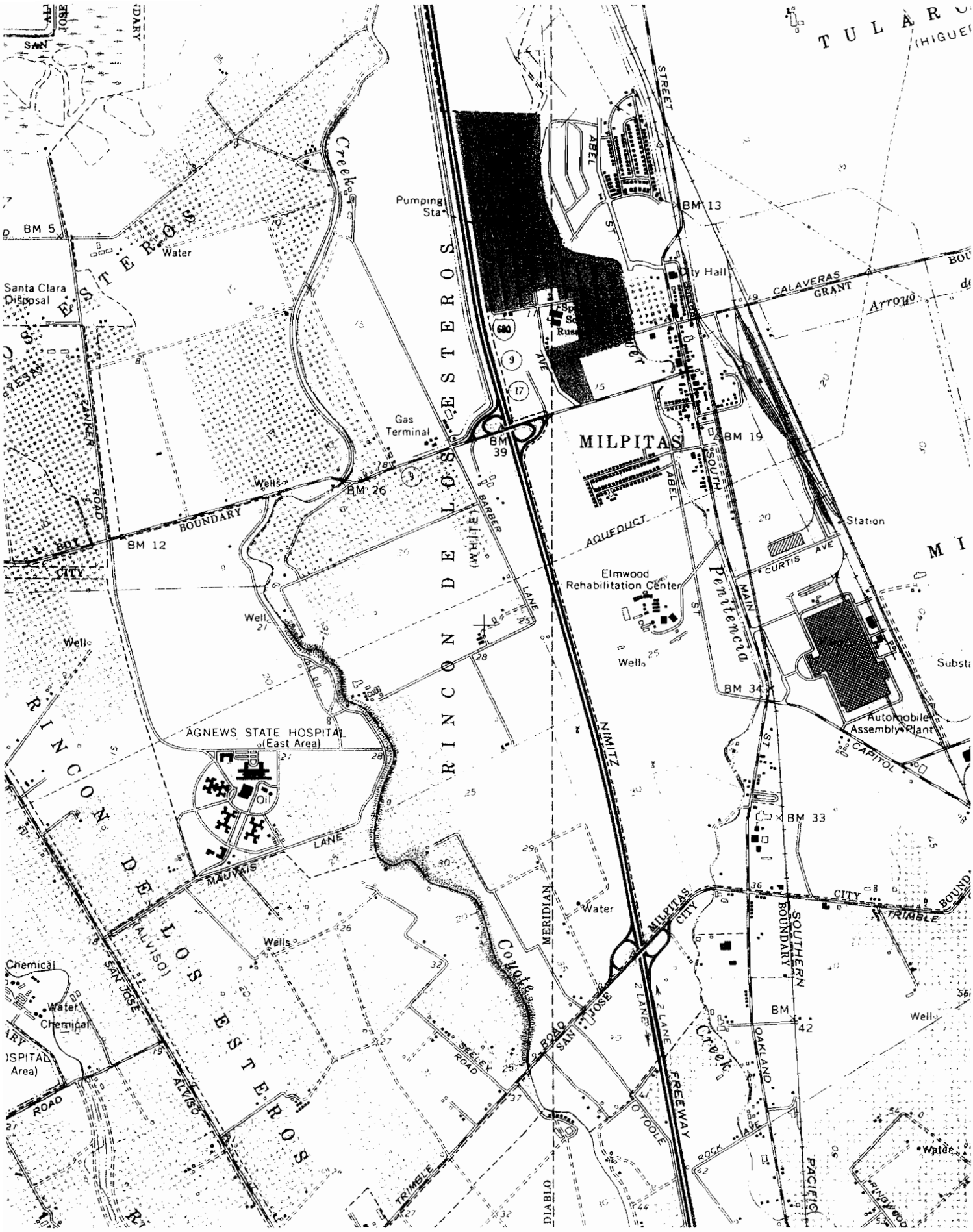

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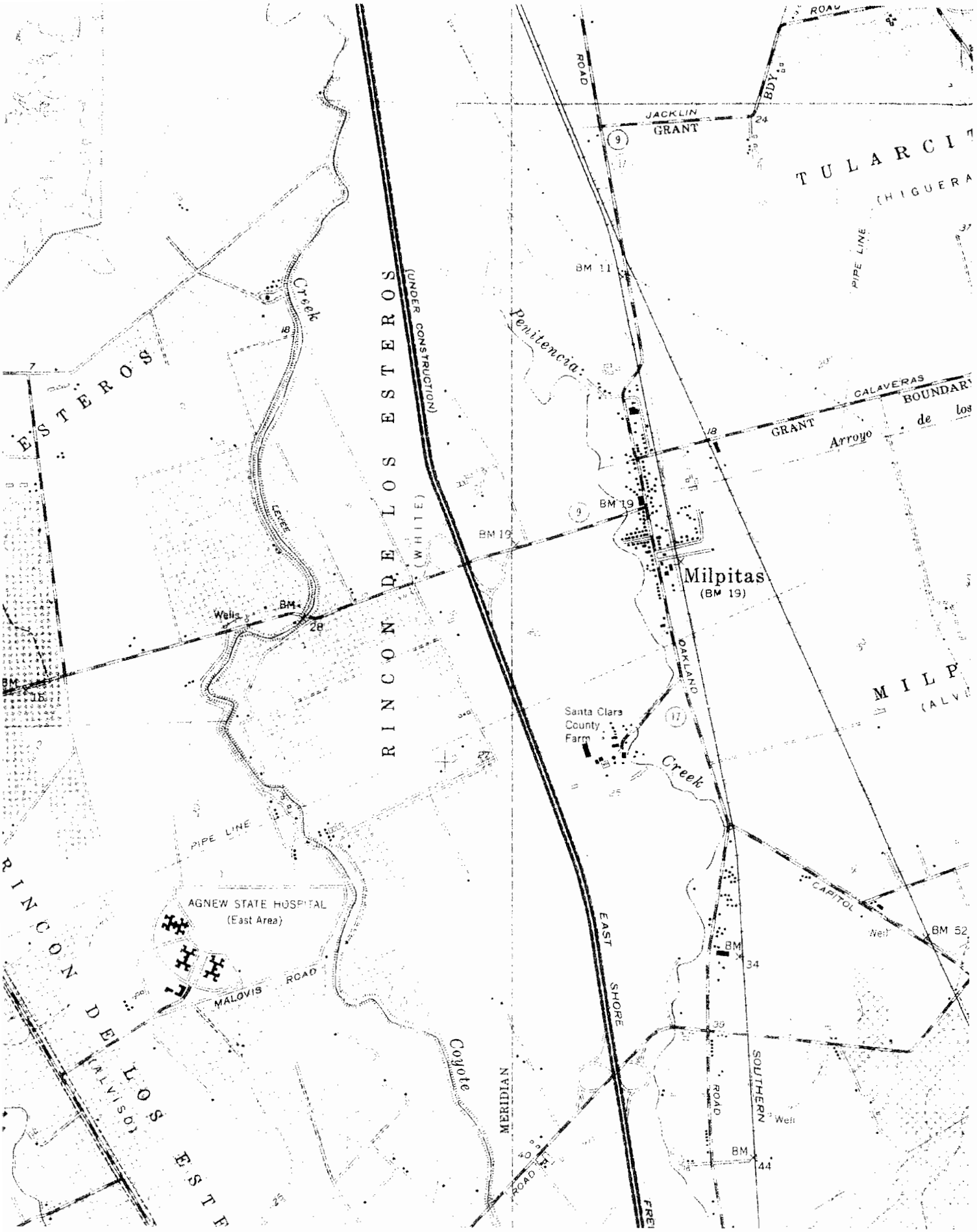

N ^ EDR INQUIRY# 1729095.4 TARGET QUAD: MILPITAS YEAR: 1953 Series: 7.5' Scale: 1:24,000

Appendix C

APPENDIX C
REGULATORY AGENCY DATABASE REPORT

The following regulatory agency database report was obtained and reviewed to help establish whether contamination incidents have been reported within the site vicinity. A list of the database sources reviewed, a detailed description of the sources, and a radius map indicating the location of the reported facilities relative to the project site are included in the report.

The information presented is obtained from a variety of public databases and other sources. No warranty or representation is made regarding the accuracy or completeness of the presented data. In some cases, a listed facility cannot be mapped with confidence, but instead may be located only by city or zip code. These unmappable sites are referred to as "orphan" sites and, if present, they are listed in the database report.

The EDR-City Directory
Abstract

Barber Lane Project
Bellew Drive/Barber lane
Milpitas, CA 95035

Inquiry Number: 1729095.6

Latitude = 37.4203
Longitude = 121.916

Friday, August 04, 2006

EDR Environmental Data Resources Inc

The Standard in Environmental Risk Management Information

440 Wheelers Farms Road
Milford, Connecticut 06461

Nationwide Customer Service

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EDR City Directory Abstract

Environmental Data Resources, Inc.'s (EDR) City Directory Abstract is a screening report designed to assist environmental professionals in evaluating potential liability on a target property resulting from past activities. EDR's City Directory Abstract includes a search and abstract of available city directory data. For each address, the directory lists the name of the corresponding occupant at five year intervals.

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SUMMARY

- ***City Directories:***

Business directories including city, cross reference and telephone directories were reviewed, if available, at approximately five year intervals for the years spanning 1922 through 2001. (These years are not necessarily inclusive.) A summary of the information obtained is provided in the text of this report.

This report compiles information by geocoding the subject properties (that is, plotting the latitude and longitude for such subject properties and obtaining data concerning properties within 1/8th of a mile of the subject properties). There is no warranty or guarantee that geocoding will report or list all properties within the specified radius of the subject properties and any such warranty or guarantee is expressly disclaimed. Accordingly, some properties within the aforementioned radius and the information concerning those properties may not be referenced in this report.

Date EDR Searched Historical Sources: August 4, 2006

Target Property:
Bellew Drive/Barber lane
Milpitas, CA 95035

Year	Uses	Source
1922	Address Not Listed in Research Source	R. L. POLK & CO.
1925	Address Not Listed in Research Source	R. L. POLK & CO.
1926	Address Not Listed in Research Source	R. L. Polk Co.
1930	Address Not Listed in Research Source	R. L. POLK & CO. OF CALIFORNIA
1931	Address Not Listed in Research Source	R. L. POLK & CO.
1935	Address Not Listed in Research Source	R. L. POLK & CO.
1936	Address Not Listed in Research Source	R. L. POLK & CO.
1940	Address Not Listed in Research Source	R. L. POLK & CO.
1942	Address Not Listed in Research Source	R. L. POLK & CO.
1945	Address Not Listed in Research Source	R. L. POLK & CO.
1946	Address Not Listed in Research Source	R. L. POLK & CO.
1950	Address Not Listed in Research Source	R. L. POLK & CO.
1955	Address Not Listed in Research Source	R. L. POLK & CO.
1957	Address Not Listed in Research Source	PACIFIC TELEPHONE
1960	Address Not Listed in Research Source	R. L. POLK & CO.

Year	Uses	Source
1962	Address Not Listed in Research Source	R. L. POLK & CO.
1963	Address Not Listed in Research Source	PACIFIC TELEPHONE
1964	Address Not Listed in Research Source	R. L. POLK & CO.
1965	Address Not Listed in Research Source	R. L. POLK & CO.
1966	Address Not Listed in Research Source	R. L. POLK & CO.
1968	Address Not Listed in Research Source	R. L. POLK & CO.
1970	Address Not Listed in Research Source	R. L. POLK & CO.
1974	Address Not Listed in Research Source	R. L. POLK & CO.
1975	Address Not Listed in Research Source	PACIFIC TELEPHONE
1978	Address Not Listed in Research Source	R. L. POLK & CO.
1980	Address Not Listed in Research Source	PACIFIC TELEPHONE
1982	Address Not Listed in Research Source	PACIFIC TELEPHONE
1985	Address Not Listed in Research Source	PACIFIC BELL
1986	Address Not Listed in Research Source	Pacific Bell
1991	Address Not Listed in Research Source	PACIFIC BELL WHITE PAGES
1996	Address Not Listed in Research Source	Pacific Bell Street Address Telephone Directory San Jose December 1996
2000	Address Not Listed in Research Source	HAINES & COMPANY
2001	Address Not Listed in Research Source	HAINES & COMPANY, INC.

Adjoining Properties

SURROUNDING

Multiple Addresses
Milpitas, CA 95035

Year	Uses	Source
1922	Address Not Listed in Research Source	R. L. POLK & CO.
1925	Address Not Listed in Research Source	R. L. POLK & CO.
1926	Address Not Listed in Research Source	R. L. Polk Co.
1930	Address Not Listed in Research Source	R. L. POLK & CO. OF CALIFORNIA
1931	Address Not Listed in Research Source	R. L. POLK & CO.
1935	Address Not Listed in Research Source	R. L. POLK & CO.
1936	Address Not Listed in Research Source	R. L. POLK & CO.
1940	Address Not Listed in Research Source	R. L. POLK & CO.
1942	Address Not Listed in Research Source	R. L. POLK & CO.
1945	Address Not Listed in Research Source	R. L. POLK & CO.
1946	Address Not Listed in Research Source	R. L. POLK & CO.
1950	Address Not Listed in Research Source	R. L. POLK & CO.
1955	Address Not Listed in Research Source	R. L. POLK & CO.
1957	Address Not Listed in Research Source	PACIFIC TELEPHONE
1960	Address Not Listed in Research Source	R. L. POLK & CO.
1962	Address Not Listed in Research Source	R. L. POLK & CO.

Year	Uses	Source
1963	Address Not Listed in Research Source	PACIFIC TELEPHONE
1964	Address Not Listed in Research Source	R. L. POLK & CO.
1965	Address Not Listed in Research Source	R. L. POLK & CO.
1966	Address Not Listed in Research Source	R. L. POLK & CO.
1968	Address Not Listed in Research Source	R. L. POLK & CO.
1970	Address Not Listed in Research Source	R. L. POLK & CO.
1974	Address Not Listed in Research Source	R. L. POLK & CO.
1975	Address Not Listed in Research Source	PACIFIC TELEPHONE
1978	Address Not Listed in Research Source	R. L. POLK & CO.
1980	Address Not Listed in Research Source	PACIFIC TELEPHONE
1982	Address Not Listed in Research Source	PACIFIC TELEPHONE
1985	Address Not Listed in Research Source	PACIFIC BELL
1986	Address Not Listed in Research Source	Pacific Bell
1991	Address Not Listed in Research Source	PACIFIC BELL WHITE PAGES
1996	****BARBER LN**** AMBROSIAL FOODS CO (372) WISDOM GROUP INTERNATIONAL CORP (376) +380 CITILINK (378) C 250 RAZO MOTORSPORTS (378) (396) IMAGINE HAIR & BEAUTY NUMBER FIVE (398) NATURES BEAUTY SKIN CARE CENTER (398)	Pacific Bell Street Address Telephone Directory San Jose December 1996

Year	Uses	Source
1996 (continued)	PHO HOA RESTAURANT (402)	
	TOP CD & COMIC (406)	
	UNIVERSAL CAFE (416)	
	MAYFLOWER RESTAURANT (428)	
	T K NOODLE HOUSE (438)	
	+458 THANH DUOC RESTAURANT (448)	
	ELECTRONIC SAFARI (448)	
	SUNSHINE ASSOCIATION (480)	
	M & V TRADING CO (486)	
	WONG TAI SIN YUEN KIT TING (490)	
	HOWIES HI TECH GAMES (492)	
	HOT POT CITY INC (500)	
	FRIDAY SHIRT (508)	
	AMY SHEU FLORISTS (522)	
	KATHYS CLEANER (526)	
	HEAVENLY AFFAIRS TEAHOUSE (528)	
	CAESARS WORLD 1 MARKETING (540)	
	ATELIER (548)	
	BARBER LN (548)	
	LASER DISCOVERY (550)	
	BILLINGS CHEVROLET INC (600)	
2000	Address Not Listed in Research Source	HAINES & COMPANY
2001	Address Not Listed in Research Source	HAINES & COMPANY, INC.

EDR® Environmental
Data Resources Inc

The EDR Radius Map
with GeoCheck®

Barber Lane Project
Bellew Drive/Barber Lane
Milpitas, CA 95035

Inquiry Number: 1729095.2s

August 04, 2006

The Standard in Environmental Risk Management Information

440 Wheelers Farms Road
Milford, Connecticut 06461

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Detail Map	3
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Government Records Searched/Data Currency Tracking	GR-1

GEOCHECK ADDENDUM

Physical Setting Source Addendum	A-1
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Physical Setting Source Records Searched	A-13

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EXECUTIVE SUMMARY

A search of available environmental records was conducted by Environmental Data Resources, Inc (EDR). The report was designed to assist parties seeking to meet the search requirements of EPA's Standards and Practices for All Appropriate Inquiries (40 CFR Part 312), the ASTM Standard Practice for Environmental Site Assessments (E 1527-05) or custom requirements developed for the evaluation of environmental risk associated with a parcel of real estate.

TARGET PROPERTY INFORMATION

ADDRESS

BELLEW DRIVE/BARBER LANE
MILPITAS, CA 95035

COORDINATES

Latitude (North):	37.420300 - 37° 25' 13.1"
Longitude (West):	121.916100 - 121° 54' 58.0"
Universal Tranverse Mercator:	Zone 10
UTM X (Meters):	595911.6
UTM Y (Meters):	4141846.2
Elevation:	24 ft. above sea level

USGS TOPOGRAPHIC MAP ASSOCIATED WITH TARGET PROPERTY

Target Property Map:	37121-D8 MILPITAS, CA
Most Recent Revision:	1980

TARGET PROPERTY SEARCH RESULTS

The target property was not listed in any of the databases searched by EDR.

DATABASES WITH NO MAPPED SITES

No mapped sites were found in EDR's search of available ("reasonably ascertainable ") government records either on the target property or within the search radius around the target property for the following databases:

FEDERAL RECORDS

NPL	National Priority List
Proposed NPL	Proposed National Priority List Sites
Delisted NPL	National Priority List Deletions
NPL RECOVERY	Federal Superfund Liens
CERCLIS	Comprehensive Environmental Response, Compensation, and Liability Information System
CERC-NFRAP	CERCLIS No Further Remedial Action Planned
CORRACTS	Corrective Action Report
RCRA-TSDF	Resource Conservation and Recovery Act Information
RCRA-LQG	Resource Conservation and Recovery Act Information

EXECUTIVE SUMMARY

ERNS	Emergency Response Notification System
HMIRS	Hazardous Materials Information Reporting System
US ENG CONTROLS	Engineering Controls Sites List
US INST CONTROL	Sites with Institutional Controls
DOD	Department of Defense Sites
FUDS	Formerly Used Defense Sites
US BROWNFIELDS	A Listing of Brownfields Sites
CONSENT	Superfund (CERCLA) Consent Decrees
ROD	Records Of Decision
UMTRA	Uranium Mill Tailings Sites
ODI	Open Dump Inventory
TRIS	Toxic Chemical Release Inventory System
TSCA	Toxic Substances Control Act
FTTS	FIFRA/ TSCA Tracking System - FIFRA (Federal Insecticide, Fungicide, & Rodenticide Act)/TSCA (Toxic Substances Control Act)
SSTS	Section 7 Tracking Systems
ICIS	Integrated Compliance Information System
PADS	PCB Activity Database System
MLTS	Material Licensing Tracking System
MINES	Mines Master Index File
FINDS	Facility Index System/Facility Registry System
RAATS	RCRA Administrative Action Tracking System

STATE AND LOCAL RECORDS

AWP	Annual Workplan Sites
Cal-Sites	Calsites Database
CA BOND EXP. PLAN	Bond Expenditure Plan
NFA	No Further Action Determination
NFE	Properties Needing Further Evaluation
REF	Unconfirmed Properties Referred to Another Agency
SCH	School Property Evaluation Program
Toxic Pits	Toxic Pits Cleanup Act Sites
SWF/LF	Solid Waste Information System
CA WDS	Waste Discharge System
WMUDS/SWAT	Waste Management Unit Database
SWRCY	Recycler Database
SLIC	Statewide SLIC Cases
UST	Active UST Facilities
AST	Aboveground Petroleum Storage Tank Facilities
SAN JOSE HAZMAT	Hazardous Material Facilities
CHMIRS	California Hazardous Material Incident Report System
DEED	Deed Restriction Listing
VCP	Voluntary Cleanup Program Properties
CLEANERS	Cleaner Facilities
WIP	Well Investigation Program Case List
CDL	Clandestine Drug Labs
HAZNET	Facility and Manifest Data
EMI	Emissions Inventory Data

TRIBAL RECORDS

INDIAN RESERV	Indian Reservations
INDIAN LUST	Leaking Underground Storage Tanks on Indian Land
INDIAN UST	Underground Storage Tanks on Indian Land

EXECUTIVE SUMMARY

EDR PROPRIETARY RECORDS

Manufactured Gas Plants... EDR Proprietary Manufactured Gas Plants
EDR Historical Auto Stations EDR Proprietary Historic Gas Stations
EDR Historical Cleaners..... EDR Proprietary Historic Dry Cleaners

SURROUNDING SITES: SEARCH RESULTS

Surrounding sites were identified.

Elevations have been determined from the USGS Digital Elevation Model and should be evaluated on a relative (not an absolute) basis. Relative elevation information between sites of close proximity should be field verified. Sites with an elevation equal to or higher than the target property have been differentiated below from sites with an elevation lower than the target property.
Page numbers and map identification numbers refer to the EDR Radius Map report where detailed data on individual sites can be reviewed.

Sites listed in ***bold italics*** are in multiple databases.

Unmappable (orphan) sites are not considered in the foregoing analysis.

FEDERAL RECORDS

RCRAInfo: RCRAInfo is EPA's comprehensive information system, providing access to data supporting the Resource Conservation and Recovery Act (RCRA) of 1976 and the Hazardous and Solid Waste Amendments (HSWA) of 1984. RCRAInfo replaces the data recording and reporting abilities of the Resource Conservation and Recovery Information System(RCRIS). The database includes selective information on sites which generate, transport, store , treat and/or dispose of hazardous waste as defined by the Resource Conservation and Recovery Act (RCRA). Conditionally exempt small quantity generators (CESQGs) generate less than 100 kg of hazardous waste, or less than 1 kg of acutely hazardous waste per month. Small quantity generators (SQGs) generate between 100 kg and 1,000 kg of hazardous waste per month Large quantity generators generate over 1,000 kilograms (kg) of hazardous waste, or over 1 kg of acutely hazardous waste per month. Transporters are individuals or entities that move hazardous waste from the generator offsite to a facility that can recycle, treat, store, or dispose of the waste. TSDFs treat, store, or dispose of the waste.

A review of the RCRA-SQG list, as provided by EDR, and dated 03/09/2006 has revealed that there is 1 RCRA-SQG site within approximately 0.25 miles of the target property.

Equal/Higher Elevation	Address	Dist / Dir	Map ID	Page
BILLINGS CHEVROLET INC	***600 BARBER LN***	***1/8 - 1/4 S***	***3***	***7***

STATE AND LOCAL RECORDS

CORTESE: This database identifies public drinking water wells with detectable levels of contamination, hazardous substance sites selected for remedial action, sites with known toxic material identified through the abandoned site assessment program, sites with USTs having a reportable release and all solid waste disposal facilities from which there is known migration. The source is the California Environmental Protection Agency/Office of Emergency Information.

A review of the Cortese list, as provided by EDR, and dated 04/01/2001 has revealed that there are 4

EXECUTIVE SUMMARY

Cortese sites within approximately 0.5 miles of the target property.

Lower Elevation	Address	Dist / Dir	Map ID	Page
MCCARTHY RANCH	***1400 BELLEW DR***	***1/8 - 1/4 NW***	***5***	***11***
MCCARTHY RANCH AT BELLEW	***UNKNOWN COYOTE CREEK RE***	***1/4 - 1/2 WNW***	***10***	***14***
MOBIL	97 ABBOTT AVE S	1/4 - 1/2 NNE	C12	21
CILKER ORCHARD #3	***1595 MILPITAS ALVISO RD***	***1/4 - 1/2 WNW***	***13***	***21***

LUST: The Leaking Underground Storage Tank Incident Reports contain an inventory of reported leaking underground storage tank incidents. The data come from the State Water Resources Control Board Leaking Underground Storage Tank Information System.

A review of the LUST list, as provided by EDR, and dated 07/11/2006 has revealed that there are 3 LUST sites within approximately 0.5 miles of the target property.

Lower Elevation	Address	Dist / Dir	Map ID	Page
MCCARTHY RANCH	***1400 BELLEW DR***	***1/8 - 1/4 NW***	***5***	***11***
Facility Status: Case Closed				
MCCARTHY RANCH AT BELLEW	***UNKNOWN COYOTE CREEK RE***	***1/4 - 1/2 WNW***	***10***	***14***
Facility Status: Case Closed				
MOBIL #10-JQP (BP 11223)	***97 S ABBOTT AVE***	***1/4 - 1/2 NNE***	***C11***	***16***
Facility Status: Remediation Plan				

CA FID: The Facility Inventory Database contains active and inactive underground storage tank locations. The source is the State Water Resource Control Board.

A review of the CA FID UST list, as provided by EDR, and dated 10/31/1994 has revealed that there are 2 CA FID UST sites within approximately 0.25 miles of the target property.

Equal/Higher Elevation	Address	Dist / Dir	Map ID	Page
MCCARTHY RANCH	***3445 BARBER LN***	***0 - 1/8 WNW***	***A2***	***6***
Lower Elevation	**Address**	**Dist / Dir**	**Map ID**	**Page**
KING FONG LAU NURSERY	***296 BARBER LN***	***1/8 - 1/4 NW***	***B8***	***13***

HIST LUST SANTA CLARA: A listing of open and closed leaking underground storage tanks. This listing is no longer updated by the county. Leaking underground storage tanks are now handled by the Department of Environmental Health.

A review of the HIST LUST list, as provided by EDR, and dated 03/29/2005 has revealed that there are 2 HIST LUST sites within approximately 0.5 miles of the target property.

Lower Elevation	Address	Dist / Dir	Map ID	Page
MCCARTHY RANCH AT BELLEW	COYOTE CREEK REACH 3	1/8 - 1/4 NW	4	11
MOBIL #10-JQP (BP 11223)	***97 S ABBOTT AVE***	***1/4 - 1/2 NNE***	***C11***	***16***

EXECUTIVE SUMMARY

HIST UST: Historical UST Registered Database.

A review of the HIST UST list, as provided by EDR, and dated 10/15/1990 has revealed that there are 2 HIST UST sites within approximately 0.25 miles of the target property.

Equal/Higher Elevation	Address	Dist / Dir	Map ID	Page
MCCARTHY RANCH	3445 BARBER LN.	0 - 1/8 WNW	A1	6
Lower Elevation	**Address**	**Dist / Dir**	**Map ID**	**Page**
KING FONG LAU NURSERY	296 BARBER CT	1/8 - 1/4 NW	B7	13

SWEEPS: Statewide Environmental Evaluation and Planning System. This underground storage tank listing was updated and maintained by a company contacted by the SWRCB in the early 1980's. The listing is no longer updated or maintained. The local agency is the contact for more information on a site on the SWEEPS list.

A review of the SWEEPS UST list, as provided by EDR, and dated 06/01/1994 has revealed that there are 3 SWEEPS UST sites within approximately 0.25 miles of the target property.

Equal/Higher Elevation	Address	Dist / Dir	Map ID	Page
MCCARTHY RANCH	***3445 BARBER LN***	***0 - 1/8 WNW***	***A2***	***6***
Lower Elevation	**Address**	**Dist / Dir**	**Map ID**	**Page**
HOLIDAY INN	777 BELLEW DR	1/8 - 1/4 WNW	6	12
KING FONG LAU NURSERY	***296 BARBER LN***	***1/8 - 1/4 NW***	***B8***	***13***

NOTIFY 65: Notify 65 records contain facility notifications about any release that could impact drinking water and thereby expose the public to a potential health risk. The data come from the State Water Resources Control Board's Proposition 65 database.

A review of the Notify 65 list, as provided by EDR, and dated 10/21/1993 has revealed that there is 1 Notify 65 site within approximately 1 mile of the target property.

Lower Elevation	Address	Dist / Dir	Map ID	Page
ARCO SERVICE STATION #2121	43 SOUTH ABBOTT	1/4 - 1/2 NNE	9	14

EXECUTIVE SUMMARY

Due to poor or inadequate address information, the following sites were not mapped:

Site Name	Database(s)
1X MURPHY'S CLEANERS	CLEANERS
JONES CHEMICAL	CERC-NFRAP
INTERNATIONAL DSPL CORP NEWBY IS LDFL	CERC-NFRAP
MCCARTHY RANCH	LUST, HIST LUST
MILPITAS GAS TERMINAL	HIST UST

OVERVIEW MAP - 1729095.2s

Target Property

- Sites at elevations higher than or equal to the target property
- Sites at elevations lower than the target property
- Manufactured Gas Plants
- National Priority List Sites
- Landfill Sites
- Dept. Defense Sites
- Indian Reservations BIA
- Power transmission lines
- Oil & Gas pipelines
- 100-year flood zone
- 500-year flood zone
- National Wetland Inventory
- Areas of Concern

This report includes Interactive Map Layers to display and/or hide map information. The legend includes only those icons for the default map view.

SITE NAME: Barber Lane Project	CLIENT: TRC Lowney
ADDRESS: Bellew Drive/Barber Lane Milpitas CA 95035	CONTACT: Chris Vertin INQUIRY #: 1729095.2s
LAT/LONG: 37.4203 / 121.9161	DATE: August 04, 2006

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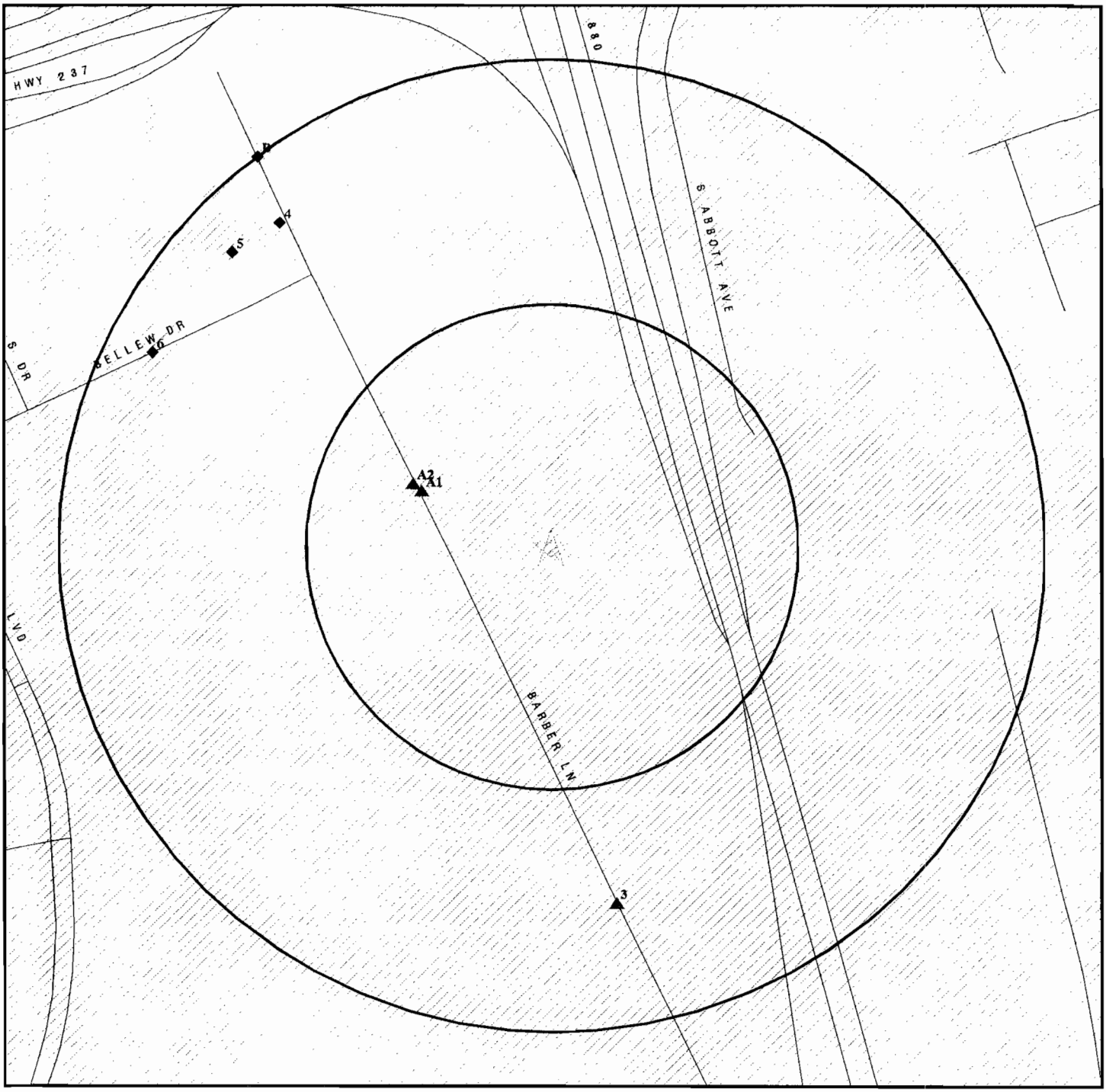
DETAIL MAP - 1729095.2s



0 1/16 1/8 1/4 Miles

Target Property

Sites at elevations higher than or equal to the target property

Sites at elevations lower than the target property

Manufactured Gas Plants

Sensitive Receptors

National Priority List Sites

Landfill Sites

Dept. Defense Sites

Indian Reservations BIA

Oil & Gas pipelines

100-year flood zone

500-year flood zone

Areas of Concern

This report includes Interactive Map Layers to display and/or hide map information. The legend includes only those icons for the default map view.

SITE NAME:	Barber Lane Project	CLIENT:	TRC Lowney
ADDRESS:	Bellew Drive/Barber Lane Milpitas CA 95035	CONTACT:	Chris Vertin
		INQUIRY #:	1729095.2s
LAT/LONG:	37.4203 / 121.9161	DATE:	August 04, 2006

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MAP FINDINGS SUMMARY

Database	Target Property	Search Distance (Miles)	< 1/8	1/8 - 1/4	1/4 - 1/2	1/2 - 1	> 1	Total Plotted
FEDERAL RECORDS								
NPL		1.000	0	0	0	0	NR	0
Proposed NPL		1.000	0	0	0	0	NR	0
Delisted NPL		1.000	0	0	0	0	NR	0
NPL RECOVERY		TP	NR	NR	NR	NR	NR	0
CERCLIS		0.500	0	0	0	NR	NR	0
CERC-NFRAP		0.500	0	0	0	NR	NR	0
CORRACTS		1.000	0	0	0	0	NR	0
RCRA TSD		0.500	0	0	0	NR	NR	0
RCRA Lg. Quan. Gen.		0.250	0	0	NR	NR	NR	0
RCRA Sm. Quan. Gen.		0.250	0	1	NR	NR	NR	1
ERNS		TP	NR	NR	NR	NR	NR	0
HMIRS		TP	NR	NR	NR	NR	NR	0
US ENG CONTROLS		0.500	0	0	0	NR	NR	0
US INST CONTROL		0.500	0	0	0	NR	NR	0
DOD		1.000	0	0	0	0	NR	0
FUDS		1.000	0	0	0	0	NR	0
US BROWNFIELDS		0.500	0	0	0	NR	NR	0
CONSENT		1.000	0	0	0	0	NR	0
ROD		1.000	0	0	0	0	NR	0
UMTRA		0.500	0	0	0	NR	NR	0
ODI		0.500	0	0	0	NR	NR	0
TRIS		TP	NR	NR	NR	NR	NR	0
TSCA		TP	NR	NR	NR	NR	NR	0
FTTS		TP	NR	NR	NR	NR	NR	0
SSTS		TP	NR	NR	NR	NR	NR	0
ICIS		TP	NR	NR	NR	NR	NR	0
PADS		TP	NR	NR	NR	NR	NR	0
MLTS		TP	NR	NR	NR	NR	NR	0
MINES		0.250	0	0	NR	NR	NR	0
FINDS		TP	NR	NR	NR	NR	NR	0
RAATS		TP	NR	NR	NR	NR	NR	0
STATE AND LOCAL RECORDS								
AWP		1.000	0	0	0	0	NR	0
Cal-Sites		1.000	0	0	0	0	NR	0
CA Bond Exp. Plan		1.000	0	0	0	0	NR	0
NFA		0.250	0	0	NR	NR	NR	0
NFE		0.250	0	0	NR	NR	NR	0
REF		0.250	0	0	NR	NR	NR	0
SCH		0.250	0	0	NR	NR	NR	0
Toxic Pits		1.000	0	0	0	0	NR	0
State Landfill		0.500	0	0	0	NR	NR	0
CA WDS		TP	NR	NR	NR	NR	NR	0
WMUDS/SWAT		0.500	0	0	0	NR	NR	0
Cortese		0.500	0	1	3	NR	NR	4
SWRCY		0.500	0	0	0	NR	NR	0
LUST		0.500	0	1	2	NR	NR	3

MAP FINDINGS SUMMARY

Database	Target Property	Search Distance (Miles)	< 1/8	1/8 - 1/4	1/4 - 1/2	1/2 - 1	> 1	Total Plotted
CA FID UST		0.250	1	1	NR	NR	NR	2
SLIC		0.500	0	0	0	NR	NR	0
HIST LUST		0.500	0	1	1	NR	NR	2
UST		0.250	0	0	NR	NR	NR	0
HIST UST		0.250	1	1	NR	NR	NR	2
AST		0.250	0	0	NR	NR	NR	0
SAN JOSE HAZMAT		0.250	0	0	NR	NR	NR	0
SWEEPS UST		0.250	1	2	NR	NR	NR	3
CHMIRS		TP	NR	NR	NR	NR	NR	0
Notify 65		1.000	0	0	1	0	NR	1
DEED		0.500	0	0	0	NR	NR	0
VCP		0.500	0	0	0	NR	NR	0
DRYCLEANERS		0.250	0	0	NR	NR	NR	0
WIP		0.250	0	0	NR	NR	NR	0
CDL		TP	NR	NR	NR	NR	NR	0
HAZNET		TP	NR	NR	NR	NR	NR	0
EMI		TP	NR	NR	NR	NR	NR	0
TRIBAL RECORDS								
INDIAN RESERV		1.000	0	0	0	0	NR	0
INDIAN LUST		0.500	0	0	0	NR	NR	0
INDIAN UST		0.250	0	0	NR	NR	NR	0
EDR PROPRIETARY RECORDS								
Manufactured Gas Plants		1.000	0	0	0	0	NR	0
EDR Historical Auto Stations		0.250	0	0	NR	NR	NR	0
EDR Historical Cleaners		0.250	0	0	NR	NR	NR	0

NOTES:

TP = Target Property

NR = Not Requested at this Search Distance

Sites may be listed in more than one database

A1
WNW
< 1/8
379 ft.

Relative:
Equal

Actual:
24 ft.

MCCARTHY RANCH
3445 BARBER LN.
MILPITAS, CA 95035

HIST UST **U001601472**
N/A

Site 1 of 2 in cluster A

UST HIST:

Facility ID:	45375	Owner Name:	THE MCCARTHY RANCH
Total Tanks:	2	Region:	STATE
Owner Address:	P.O. BOX 185 MILPITAS, CA 95035		
Tank Used for:	PRODUCT		
Tank Num:	1	Container Num:	2
Tank Capacity:	00002000	Year Installed:	1979
Type of Fuel:	REGULAR	Tank Construction:	Not Reported
Leak Detection:	Stock Inventor		
Contact Name:	JOE MCCARTHY	Telephone:	(408) 262-3663
Facility Type:	Other	Other Type:	FARM

Facility ID:	45375	Owner Name:	THE MCCARTHY RANCH
Total Tanks:	2	Region:	STATE
Owner Address:	P.O. BOX 185 MILPITAS, CA 95035		
Tank Used for:	PRODUCT		
Tank Num:	2	Container Num:	1
Tank Capacity:	00000550	Year Installed:	Not reported
Type of Fuel:	REGULAR	Tank Construction:	Not Reported
Leak Detection:	Stock Inventor		
Contact Name:	JOE MCCARTHY	Telephone:	(408) 262-3663
Facility Type:	Other	Other Type:	FARM

A2
WNW
< 1/8
409 ft.

Relative:
Equal

Actual:
24 ft.

MCCARTHY RANCH
3445 BARBER LN
MILPITAS, CA 95035

CA FID UST **S101625204**
SWEEPS UST **N/A**

Site 2 of 2 in cluster A

FID:

Facility ID:	43012293	Regulate ID:	00045375
Reg By:	Active Underground Storage Tank Location		
Cortese Code:	Not reported	SIC Code:	Not reported
Status:	Active	Facility Tel:	(408) 262-3663
Mail To:	Not reported P O BOX MILPITAS, CA 95035		
Contact:	Not reported	Contact Tel:	Not reported
DUNs No:	Not reported	NPDES No:	Not reported
Creation:	10/22/93	Modified:	00/00/00
EPA ID:	Not reported		
Comments:	Not reported		

SWEEPS:

Status :	Not reported
Comp Number :	45375
Number :	Not reported
Board Of Equalization :	Not reported
Ref Date :	Not reported
Act Date :	Not reported
Created Date :	Not reported
Tank Status :	Not reported
Owner Tank Id :	Not reported

MCCARTHY RANCH (Continued) **S101625204**

Swrcb Tank Id :	43-011-045375-000001
Actv Date :	Not reported
Capacity :	2000
Tank Use :	M.V. FUEL
Stg :	PRODUCT
Content :	LEADED
Number Of Tanks :	2
Status :	Not reported
Comp Number :	45375
Number :	Not reported
Board Of Equalization :	Not reported
Ref Date :	Not reported
Act Date :	Not reported
Created Date :	Not reported
Tank Status :	Not reported
Owner Tank Id :	Not reported
Swrcb Tank Id :	43-011-045375-000002
Actv Date :	Not reported
Capacity :	550
Tank Use :	M.V. FUEL
Stg :	PRODUCT
Content :	LEADED
Number Of Tanks :	Not reported

---

3 **BILLINGS CHEVROLET INC** **RCRA-SQG** **1000856933**
South **600 BARBER LN** **FINDS** **CA0000005918**
1/8-1/4 **MILPITAS, CA 95035** **HAZNET**
984 ft. **EMI**

Relative: Higher

Actual: 27 ft.

RCRAInfo:

Owner:	BILLING CHEVROLET INC (408) 453-8200
EPA ID:	CA0000005918
Contact:	GERALD MAYES (408) 453-8200

Classification: Small Quantity Generator
TSDF Activities: Not reported

Violation Status: No violations found

FINDS:

Other Pertinent Environmental Activity Identified at Site:
California - Hazardous Waste Tracking System - Datamart

The NEI (National Emissions Inventory) database contains information on stationary and mobile sources that emit criteria air pollutants and their precursors, as well as hazardous air pollutants (HAPs).

RCRAInfo is a national information system that supports the Resource Conservation and Recovery Act (RCRA) program through the tracking of events and activities related to facilities that generate, transport, and treat, store, or dispose of hazardous waste. RCRAInfo allows RCRA program staff to track the notification, permit, compliance, and corrective action activities required under RCRA.

BILLINGS CHEVROLET INC (Continued) **1000856933**

HAZNET:

Gepaid:	CA0000005918
TSD EPA ID:	CA0000084517
Gen County:	Santa Clara
Tsd County:	Santa Clara
Tons:	0.07
Facility Address 2:	Not reported
Waste Category:	Aqueous solution with less than 10% total organic residues
Disposal Method:	Transfer Station
Contact:	GERALD MAYES/V PRES
Telephone:	(408) 453-8200
Mailing Name:	Not reported
Mailing Address:	600 BARBER LN
	MILPITAS, CA 95035 - 7911
County	Santa Clara

Gepaid:	CA0000005918
TSD EPA ID:	CAD093459485
Gen County:	Santa Clara
Tsd County:	Fresno
Tons:	.1162
Facility Address 2:	Not reported
Waste Category:	Unspecified solvent mixture Waste
Disposal Method:	Transfer Station
Contact:	BILLING CHEVROLET INC
Telephone:	(408) 453-8200
Mailing Name:	Not reported
Mailing Address:	600 BARBER LN
	MILPITAS, CA 95035 - 7911
County	Santa Clara

Gepaid:	CA0000005918
TSD EPA ID:	CAD980887418
Gen County:	Santa Clara
Tsd County:	1
Tons:	.2710
Facility Address 2:	Not reported
Waste Category:	Aqueous solution with less than 10% total organic residues
Disposal Method:	Transfer Station
Contact:	BILLING CHEVROLET INC
Telephone:	(408) 453-8200
Mailing Name:	Not reported
Mailing Address:	600 BARBER LN
	MILPITAS, CA 95035 - 7911
County	Santa Clara

Gepaid:	CA0000005918
TSD EPA ID:	CA0000084517
Gen County:	Santa Clara
Tsd County:	Sacramento
Tons:	0.0332
Facility Address 2:	Not reported
Waste Category:	Aqueous solution with less than 10% total organic residues
Disposal Method:	Treatment, Tank
Contact:	BILLING CHEVROLET INC
Telephone:	(408) 453-8200
Mailing Name:	Not reported
Mailing Address:	600 BARBER LN

BILLINGS CHEVROLET INC (Continued) **1000856933**

MILPITAS, CA 95035 - 7911
County Santa Clara

Gepaid: CA0000005918
TSD EPA ID: CAD093459485
Gen County: Santa Clara
Tsd County: Fresno
Tons: 0.083
Facility Address 2: Not reported
Waste Category: Aqueous solution with less than 10% total organic residues
Disposal Method: Treatment, Tank
Contact: BILLING CHEVROLET INC
Telephone: (408) 453-8200
Mailing Name: Not reported
Mailing Address: 600 BARBER LN
MILPITAS, CA 95035 - 7911
County Santa Clara

Click this hyperlink while viewing on your computer to access
9 additional CA HAZNET record(s) in the EDR Site Report.

EMISSIONS :

Year :	1999
Facility ID :	12463
Air District Code :	BA
SIC Code :	5511
Air Basin :	SF
Air District Name :	BAY AREA AQMD
Community Health Air Pollution Info System :	Not reported
Consolidated Emission Reporting Rule :	Not reported
County Code :	43
County ID :	43
Total Organic Hydrocarbon Gases Tons/Yr:	1
Reactive Organic Gases Tons/Yr:	1
Carbon Monoxide Emissions Tons/Yr:	0
NOX - Oxides of Nitrogen Tons/Yr:	0
SOX - Oxides of Sulphur Tons/Yr:	0
Particulate Matter Tons/Yr :	0
Part. Matter 10 Micrometers and Smaller Tons/Yr :	0

Year :	2000
Facility ID :	12463
Air District Code :	BA
SIC Code :	5511
Air Basin :	SF
Air District Name :	BAY AREA AQMD
Community Health Air Pollution Info System :	Not reported
Consolidated Emission Reporting Rule :	Not reported
County Code :	43
County ID :	43
Total Organic Hydrocarbon Gases Tons/Yr:	1
Reactive Organic Gases Tons/Yr:	1
Carbon Monoxide Emissions Tons/Yr:	0
NOX - Oxides of Nitrogen Tons/Yr:	0
SOX - Oxides of Sulphur Tons/Yr:	0
Particulate Matter Tons/Yr :	0
Part. Matter 10 Micrometers and Smaller Tons/Yr :	0

BILLINGS CHEVROLET INC (Continued) **1000856933**

Year :	2001
Facility ID :	12463
Air District Code :	BA
SIC Code :	5511
Air Basin :	SF
Air District Name :	BAY AREA AQMD
Community Health Air Pollution Info System :	Not reported
Consolidated Emission Reporting Rule :	Not reported
County Code :	43
County ID :	43
Total Organic Hydrocarbon Gases Tons/Yr:	1
Reactive Organic Gases Tons/Yr:	1
Carbon Monoxide Emissions Tons/Yr:	0
NOX - Oxides of Nitrogen Tons/Yr:	0
SOX - Oxides of Sulphur Tons/Yr:	0
Particulate Matter Tons/Yr :	0
Part. Matter 10 Micrometers and Smaller Tons/Yr :	0

Year :	2002
Facility ID :	12463
Air District Code :	BA
SIC Code :	5511
Air Basin :	SF
Air District Name :	BAY AREA AQMD
Community Health Air Pollution Info System :	Not reported
Consolidated Emission Reporting Rule :	Not reported
County Code :	43
County ID :	43
Total Organic Hydrocarbon Gases Tons/Yr:	1
Reactive Organic Gases Tons/Yr:	1
Carbon Monoxide Emissions Tons/Yr:	0
NOX - Oxides of Nitrogen Tons/Yr:	0
SOX - Oxides of Sulphur Tons/Yr:	0
Particulate Matter Tons/Yr :	0
Part. Matter 10 Micrometers and Smaller Tons/Yr :	0

Year :	2003
Facility ID :	12463
Air District Code :	BA
SIC Code :	5511
Air Basin :	SF
Air District Name :	BAY AREA AQMD
Community Health Air Pollution Info System :	Not reported
Consolidated Emission Reporting Rule :	Not reported
County Code :	43
County ID :	43
Total Organic Hydrocarbon Gases Tons/Yr:	1
Reactive Organic Gases Tons/Yr:	1
Carbon Monoxide Emissions Tons/Yr:	0
NOX - Oxides of Nitrogen Tons/Yr:	0
SOX - Oxides of Sulphur Tons/Yr:	0
Particulate Matter Tons/Yr :	0
Part. Matter 10 Micrometers and Smaller Tons/Yr :	0

4
NW
1/8-1/4
1142 ft.

MCCARTHY RANCH AT BELLEW
COYOTE CREEK REACH 3
MILPITAS, CA

HIST LUST **S101308985**
N/A

Relative:
Lower

Actual:
23 ft.

LUST Historical Region SC:

Region:	Santa Clara		
Closed Date:	1996-04-16 00:00:00	SCVWD Id:	06S1W13C02
Region Code:	2	Oversight Agency:	SFRWQCB
Date Listed:	1994-01-26 00:00:00		

5
NW
1/8-1/4
1171 ft.

MCCARTHY RANCH
1400 BELLEW DR
MILPITAS, CA 95035

LUST **S101308982**
Cortese **N/A**

Relative:
Lower

Actual:
23 ft.

State LUST:

Cross Street:	Not reported		
Qty Leaked:	Not reported		
Case Number	43-0872		
Reg Board:	San Francisco Bay Region		
Chemical:	Diesel		
Lead Agency:	Regional Board		
Local Agency :	43099L		
Case Type:	Soil only		
Status:	**Case Closed**		
Abate Method:	No Action Taken - no action has as yet been taken at the site		
Review Date:	Not reported	Confirm Leak:	Not reported
Workplan:	1989-11-16 00:00:00	Prelim Assess:	1989-11-16 00:00:00
Pollution Char:	Not reported	Remed Plan:	Not reported
Remed Action:	Not reported		
Monitoring:	Not reported		
Close Date:	1996-04-16 00:00:00		
Release Date:	1990-11-01 00:00:00		
Cleanup Fund Id :	Not reported		
Discover Date :	1990-11-01 00:00:00		
Enforcement Dt :	Not reported		
Enf Type:	Not reported		
Enter Date :	1990-11-27 00:00:00		
Funding:	Federal Funds		
Staff Initials:	UNK		
How Discovered:	Tank Closure		
How Stopped:	Not reported		
Interim :	No		
Leak Cause:	Structure Failure		
Leak Source:	Tank		
MTBE Date :	Not reported		
Max MTBE GW :	Not reported		
MTBE Tested:	Not Required to be Tested.		
Priority:	Not reported		
Local Case # :	43-0872		
Beneficial:	Not reported		
Staff :	ZTM		
GW Qualifier :	Not reported		
Max MTBE Soil :	Not reported		
Soil Qualifier :	Not reported		
Hydr Basin #:	Santa Clara Basin (2		
Operator :	Not reported		
Oversight Prgm:	LUST		
Review Date :	1997-04-24 00:00:00		
Stop Date :	1990-11-01 00:00:00		

MCCARTHY RANCH (Continued) **S101308982**

Work Suspended :No
Responsible PartyBLANK RP
RP Address: Not reported
Global Id: T0608500883
Org Name: Not reported
Contact Person: Not reported
MTBE Conc: 0
Mtbe Fuel: 0
Water System Name: Not reported
Well Name: Not reported
Distance To Lust: 0
Waste Discharge Global ID: Not reported
Waste Disch Assigned Name: Not reported
Summary : ARCHIVED 4/24/97 CONTROL NO 120-140 SRC 0904790

LUST Region 2:

Region:	2
Case Number:	43-0872
Facility Id:	43-0872
Facility Status:	Case Closed
How Discovered:	TC
Leak Cause:	Structure Failure
Leak Source:	Tank
Oversight Program:	LUST
Date Leak Confirmed:	Not reported
Prelim. Site Assesment Wokplan Submitted:	Not reported
Preliminary Site Assesment Began:	11/16/1989
Pollution Characterization Began:	Not reported
Pollution Remediation Plan Submitted:	Not reported
Date Remediation Action Underway:	Not reported
Date Remediation Action Underway:	Not reported

CORTESE:
Region: CORTESE
Fac Address 2: 1400 BELLEW DR

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6 **HOLIDAY INN** **SWEEPS UST** **S106927335**
WNW **777 BELLEW DR** **N/A**
1/8-1/4 **MILPITAS, CA 95035**
1193 ft.

Relative: **Lower**

Actual: **23 ft.**

SWEEPS:

Status :	A
Comp Number :	870836
Number :	1
Board Of Equalization :	Not reported
Ref Date :	03-09-93
Act Date :	03-09-93
Created Date :	03-09-93
Tank Status :	A
Owner Tank Id :	1
Swrcb Tank Id :	43-011-870836-000001
Actv Date :	03-09-93
Capacity :	500
Tank Use :	M.V. FUEL
Stg :	P
Content :	DIESEL
Number Of Tanks :	1

B7
NW
1/8-1/4
1318 ft.

Relative:
Lower

Actual:
22 ft.

KING FONG LAU NURSERY
296 BARBER CT
MILPITAS, CA 95035

HIST UST **U001601465**
N/A

Site 1 of 2 in cluster B

UST HIST:

Facility ID:	32158	Owner Name:	KING FONG LAU NURSERY
Total Tanks:	2	Region:	STATE
Owner Address:	296 BARBER LANE MILPITAS, CA 95035		
Tank Used for:	PRODUCT		
Tank Num:	1	Container Num:	ONE
Tank Capacity:	00010000	Year Installed:	1977
Type of Fuel:	DIESEL	Tank Construction:	1/4 inches
Leak Detection:	Visual, Stock Inventor		
Contact Name:	Not reported	Telephone:	(408) 263-2218
Facility Type:	Other	Other Type:	FARM

Facility ID:	32158	Owner Name:	KING FONG LAU NURSERY
Total Tanks:	2	Region:	STATE
Owner Address:	296 BARBER LANE MILPITAS, CA 95035		
Tank Used for:	PRODUCT		
Tank Num:	2	Container Num:	TWO
Tank Capacity:	00010000	Year Installed:	1977
Type of Fuel:	UNLEADED	Tank Construction:	1/4 inches
Leak Detection:	Visual, Stock Inventor		
Contact Name:	Not reported	Telephone:	(408) 263-2218
Facility Type:	Other	Other Type:	FARM

B8
NW
1/8-1/4
1318 ft.

Relative:
Lower

Actual:
22 ft.

KING FONG LAU NURSERY
296 BARBER LN
MILPITAS, CA 95035

CA FID UST **S101625200**
SWEEPS UST **N/A**

Site 2 of 2 in cluster B

FID:

Facility ID:	43002609	Regulate ID:	00032158
Reg By:	Inactive Underground Storage Tank Location		
Cortese Code:	Not reported	SIC Code:	Not reported
Status:	Inactive	Facility Tel:	(408) 263-2218
Mail To:	Not reported 296 BARBER LN MILPITAS, CA 95035		
Contact:	Not reported	Contact Tel:	Not reported
DUNs No:	Not reported	NPDES No:	Not reported
Creation:	10/22/93	Modified:	00/00/00
EPA ID:	Not reported		
Comments:	Not reported		

SWEEPS:

Status :	Not reported
Comp Number :	32158
Number :	Not reported
Board Of Equalization :	Not reported
Ref Date :	Not reported
Act Date :	Not reported
Created Date :	Not reported
Tank Status :	Not reported
Owner Tank Id :	Not reported

KING FONG LAU NURSERY (Continued) **S101625200**

Swrcb Tank Id : 43-011-032158-000001
Actv Date : Not reported
Capacity : 12000
Tank Use : M.V. FUEL
Stg : PRODUCT
Content : DIESEL
Number Of Tanks : 2

Status : Not reported
Comp Number : 32158
Number : Not reported
Board Of Equalization : Not reported
Ref Date : Not reported
Act Date : Not reported
Created Date : Not reported
Tank Status : Not reported
Owner Tank Id : Not reported
Swrcb Tank Id : 43-011-032158-000002
Actv Date : Not reported
Capacity : 12000
Tank Use : M.V. FUEL
Stg : PRODUCT
Content : DIESEL
Number Of Tanks : Not reported

9
NNE
1/4-1/2
2469 ft.

Relative:
Lower

Actual:
19 ft.

ARCO SERVICE STATION #2121 **Notify 65** **S100179205**
43 SOUTH ABBOTT **N/A**
MILPITAS, CA 93064

NOTIFY 65:
Date Reported: Not reported Staff Initials: Not reported
Board File Number: Not reported
Facility Type: Not reported
Discharge Date: Not reported
Incident Description: 93064

10
WNW
1/4-1/2
2472 ft.

Relative:
Lower

Actual:
20 ft.

MCCARTHY RANCH AT BELLEW **LUST** **S103723188**
UNKNOWN COYOTE CREEK REACH 3 **Cortese** **N/A**
MILPITAS, CA 95035

State LUST:
Cross Street: Not reported
Qty Leaked: Not reported
Case Number 43-1877
Reg Board: San Francisco Bay Region
Chemical: Diesel
Lead Agency: Regional Board
Local Agency : 43099L
Case Type: Undefined
Status: Case Closed
Abate Method: No Action Taken - no action has as yet been taken at the site
Review Date: Not reported Confirm Leak: Not reported
Workplan: Not reported Prelim Assess: Not reported
Pollution Char: Not reported Remed Plan: Not reported
Remed Action: Not reported
Monitoring: Not reported

MCCARTHY RANCH AT BELLEW (Continued) **S103723188**

Close Date: 1996-04-16 00:00:00
Release Date: 1994-03-31 00:00:00
Cleanup Fund Id : Not reported
Discover Date : 1994-03-31 00:00:00
Enforcement Dt : Not reported
Enf Type: Not reported
Enter Date : 1994-05-16 00:00:00
Funding: Federal Funds
Staff Initials: UNK
How Discovered: Tank Closure
How Stopped: Not reported
Interim : No
Leak Cause: UNK
Leak Source: UNK
MTBE Date : Not reported
Max MTBE GW : Not reported
MTBE Tested: Not Required to be Tested.
Priority: 2A4
Local Case # : 06S1W13C02
Beneficial: Not reported
Staff : ZTM
GW Qualifier : Not reported
Max MTBE Soil : Not reported
Soil Qualifier : Not reported
Hydr Basin #: Not reported
Operator : Not reported
Oversight Prgm: LUST
Review Date : 1994-01-26 00:00:00
Stop Date : 1994-03-31 00:00:00
Work Suspended :No
Responsible PartyBLANK RP
RP Address: Not reported
Global Id: T0608501797
Org Name: Not reported
Contact Person: Not reported
MTBE Conc: 0
Mtbe Fuel: 0
Water System Name: Not reported
Well Name: Not reported
Distance To Lust: 0
Waste Discharge Global ID: Not reported
Waste Disch Assigned Name: Not reported
Summary : WAS LISTED AS SCVWD LEAD, BUT ACTUALLY 'R' LEAD DUE TO SCVWD BEING THE RP. CC 4/16/98 BY RWQCB. CC LETTER AND FILES MISSING FROM RWQCB.

LUST Region 2:
Region: 2
Case Number: 06S1W13C02
Facility Id: 43-1877
Facility Status: Case Closed
How Discovered: TC
Leak Cause: UNK
Leak Source: UNK
Oversight Program: LUST
Date Leak Confirmed: Not reported
Prelim. Site Assesment Wokplan Submitted: Not reported
Preliminary Site Assesment Began: Not reported

MCCARTHY RANCH AT BELLEW (Continued) **S103723188**

Pollution Characterization Began: Not reported
Pollution Remediation Plan Submitted: Not reported
Date Remediation Action Underway: Not reported
Date Remediation Action Underway: Not reported

CORTESE:
Region: CORTESE
Fac Address 2: UNKNOWN COYOTE CREEK REACH 3

C11 NNE 1/4-1/2 2608 ft. Relative: Lower Actual: 18 ft.

MOBIL #10-JQP (BP 11223) **HAZNET** **S101594396**
97 S ABBOTT AVE **LUST** **N/A**
MILPITAS, CA 95035 **CA FID UST**
HIST LUST
Site 1 of 2 in cluster C **CA WDS**
SWEEPS UST

State LUST:

Cross Street:	Not reported		
Qty Leaked:	Not reported		
Case Number	Not reported		
Reg Board:	San Francisco Bay Region		
Chemical:	Gasoline		
Lead Agency:	Local Agency		
Local Agency :	43000		
Case Type:	Other ground water affected		
Status:	**Remediation Plan**		
Review Date:	Not reported	Confirm Leak:	Not reported
Workplan:	1990-04-10 00:00:00	Prelim Assess:	1990-04-10 00:00:00
Pollution Char:	2003-09-10 00:00:00	Remed Plan:	2003-09-10 00:00:00
Remed Action:	Not reported		
Monitoring:	Not reported		
Close Date:	Not reported		
Release Date:	1989-05-05 00:00:00		
Cleanup Fund Id :	Not reported		
Discover Date :	Not reported		
Enforcement Dt :	Not reported		
Enf Type:	SEL		
Enter Date :	Not reported		
Funding:	Not reported		
Staff Initials:	LL		
How Discovered:	Not reported		
How Stopped:	Not reported		
Interim :	Not reported		
Leak Cause:	Not reported		
Leak Source:	Not reported		
MTBE Date :	1997-01-16 00:00:00		
Max MTBE GW :	53000 Parts per Billion		
MTBE Tested:	MTBE Detected. Site tested for MTBE & MTBE detected		
Priority:	Not reported		
Local Case # :	06S1E07E03f		
Beneficial:	MUN		
Staff :	ZSC		
GW Qualifier :	=		
Max MTBE Soil :	Not reported		
Soil Qualifier :	Not reported		
Hydr Basin #:	Not reported		
Operator :	Not reported		
Oversight Prgm:	LUST		
Review Date :	Not reported		

MOBIL #10-JQP (BP 11223) (Continued) **S101594396**

Stop Date : Not reported
Work Suspended :Not reported
Responsible PartyJennifer Sedlachek
RP Address: P.O. BOX 1257
Global Id: T0608500260
Org Name: Not reported
Contact Person: Not reported
MTBE Conc: 2
Mtbe Fuel: 1
Water System Name: Not reported
Well Name: Not reported
Distance To Lust: 0
Waste Discharge Global ID: Not reported
Waste Disch Assigned Name: Not reported
Summary : Not reported

LUST Region 2:

Region:	2
Case Number:	06S1E07E03f
Facility Id:	Not reported
Facility Status:	Pollution Characterization
How Discovered:	Not reported
Leak Cause:	Not reported
Leak Source:	Not reported
Oversight Program:	LUST
Date Leak Confirmed:	Not reported
Prelim. Site Assesment Wokplan Submitted:	Not reported
Preliminary Site Assesment Began:	4/10/1990
Pollution Characterization Began:	4/10/1990
Pollution Remediation Plan Submitted:	Not reported
Date Remediation Action Underway:	Not reported
Date Remediation Action Underway:	Not reported

LUST Region SC:

Region:	Santa Clara		
LOP Number:	13-029		
Case Worker:	Lani Lee	SCVWD Id:	06S1E07E03f

HAZNET:

Gepaid:	CAL000035290
TSD EPA ID:	CAD083166728
Gen County:	Santa Clara
Tsd County:	Stanislaus
Tons:	.2293
Facility Address 2:	Not reported
Waste Category:	Unspecified oil-containing waste
Disposal Method:	Recycler
Contact:	TOSCO NORTHWEST COMPANY
Telephone:	(000) 000-0000
Mailing Name:	Not reported
Mailing Address:	601 UNION STREET SEATTLE, WA 98101
County	Santa Clara

MOBIL #10-JQP (BP 11223) (Continued) **S101594396**

Gepaid: CA0001036789
TSD EPA ID: CAD982444481
Gen County: Santa Clara
Tsd County: Santa Clara
Tons: 5.33
Facility Address 2: Not reported
Waste Category: Other organic solids
Disposal Method: Transfer Station
Contact: HAZMAT SPECIALIST
Telephone: (602) 728-4180
Mailing Name: ENVIRONMENTAL COMPLIANCE
Mailing Address: PO BOX 52085
PHOENIX, AZ 85072 - 2085
County Santa Clara

Gepaid: CA0001036789
TSD EPA ID: CAD028409019
Gen County: Santa Clara
Tsd County: Santa Clara
Tons: 0.14
Facility Address 2: Not reported
Waste Category: Aqueous solution with less than 10% total organic residues
Disposal Method: Treatment, Tank
Contact: HAZMAT SPECIALIST
Telephone: (602) 728-4180
Mailing Name: ENVIRONMENTAL COMPLIANCE
Mailing Address: PO BOX 52085
PHOENIX, AZ 85072 - 2085
County Santa Clara

FID:

Facility ID:	43000412	Regulate ID:	00039532
Reg By:	Active Underground Storage Tank Location		
Cortese Code:	Not reported	SIC Code:	Not reported
Status:	Active	Facility Tel:	(408) 262-9839
Mail To:	Not reported 2868 PROSPECT PARK DR MILPITAS, CA 95035		
Contact:	Not reported	Contact Tel:	Not reported
DUNs No:	Not reported	NPDES No:	Not reported
Creation:	10/22/93	Modified:	00/00/00
EPA ID:	Not reported		
Comments:	Not reported		

WDS:

Facility ID:	San Francisco Bay 438498002		
Facility Contact	Scott Robinson	Facility Telephone	(510) 874-3280
SIC Code:	5541	SIC Code 2:	Not reported
Agency Name:	BP OIL COMPANY		
Agency Address:	295 S.W. 41st ST BLDG.13 STE N RENTON 98055 - 4331		
Agency Contact:	SCOTT HOOTON	Agency Phone:	Not reported
Design Flow:	0.0144 Million Gal/Day	Baseline Flow:	0.0144 Million Gal/Day
Facility Type:	Other - Does not fall into the category of Municipal/Domestic, Industrial, Agricultural or Solid Waste (Class I, II or III)		
Facility Status:	Active - Any facility with a continuous or seasonal discharge that is under Waste Discharge Requirements.		
Agency Type:	Private		

MOBIL #10-JQP (BP 11223) (Continued) **S101594396**

Waste Type: Contaminated Ground Water - Hazardous/Influent or Solid Wastes that contain toxic, corrosive, ignitable or reactive substances and must be managed according to applicable DOHS standards.
Threat to Water: Moderate Threat to Water Quality. A violation could have a major adverse impact on receiving biota, can cause aesthetic impairment to a significant human population, or render unusable a potential domestic or municipal water supply. Awsthetic impairment would include nuisance from a waste treatment facility.
Complexity: Category B - Any facility having a physical, chemical, or biological waste treatment system (except for septic systems with subsurface disposal), or any Class II or III disposal site, or facilities without treatment systems that are complex, such as marinas with petroleum products, solid wastes, and sewage pump out facilities.
Reclamation: No reclamation requirements associated with this facility.
POTW: The POTW Does not have an approved pretreatment program. Some POTWs may have local pretreatment programs that have not been approved by the regional board and/or EPA.
NPDES Number: CAG912002 The 1st 2 characters designate the state. The remaining 7 are assigned by the Regional Board
Subregion: 2

SWEEPS:

Status :	A
Comp Number :	39532
Number :	1
Board Of Equalization :	44-027706
Ref Date :	05-29-92
Act Date :	07-28-92
Created Date :	02-29-88
Tank Status :	A
Owner Tank Id :	1
Swrcb Tank Id :	43-011-039532-000001
Actv Date :	02-09-93
Capacity :	10000
Tank Use :	M.V. FUEL
Stg :	P
Content :	PRM UNLEADED
Number Of Tanks :	4

Status :	A
Comp Number :	39532
Number :	1
Board Of Equalization :	44-027706
Ref Date :	05-29-92
Act Date :	07-28-92
Created Date :	02-29-88
Tank Status :	A
Owner Tank Id :	2
Swrcb Tank Id :	43-011-039532-000002
Actv Date :	02-09-93
Capacity :	12000
Tank Use :	M.V. FUEL
Stg :	P
Content :	REG UNLEADED
Number Of Tanks :	Not reported

Status :	A
Comp Number :	39532
Number :	1
Board Of Equalization :	44-027706
Ref Date :	05-29-92

MOBIL #10-JQP (BP 11223) (Continued) **S101594396**

Act Date :	07-28-92
Created Date :	02-29-88
Tank Status :	A
Owner Tank Id :	3
Swrcb Tank Id :	43-011-039532-000003
Actv Date :	02-09-93
Capacity :	1000
Tank Use :	OIL
Stg :	W
Content :	WASTE OIL
Number Of Tanks :	Not reported

Status :	A
Comp Number :	39532
Number :	1
Board Of Equalization :	44-027706
Ref Date :	05-29-92
Act Date :	07-28-92
Created Date :	02-29-88
Tank Status :	A
Owner Tank Id :	4
Swrcb Tank Id :	43-011-039532-000004
Actv Date :	02-09-93
Capacity :	10000
Tank Use :	M.V. FUEL
Stg :	P
Content :	REG UNLEADED
Number Of Tanks :	Not reported

Status :	Not reported
Comp Number :	39532
Number :	Not reported
Board Of Equalization :	44-027706
Ref Date :	Not reported
Act Date :	Not reported
Created Date :	Not reported
Tank Status :	Not reported
Owner Tank Id :	Not reported
Swrcb Tank Id :	43-011-039532-000005
Actv Date :	Not reported
Capacity :	10000
Tank Use :	M.V. FUEL
Stg :	PRODUCT
Content :	REG UNLEADED
Number Of Tanks :	1

LUST Historical Region SC:

Region:	Santa Clara		
Closed Date:	Not reported	SCVWD Id:	06S1E07E03
Region Code:	2	Oversight Agency:	SCCDEH
Date Listed:	1990-01-01 00:00:00		

C12
NNE
1/4-1/2
2608 ft.

Relative:
Lower

Actual:
18 ft.

MOBIL
97 ABBOTT AVE S
MILPITAS, CA 95035

Site 2 of 2 in cluster C

CORTESE:
Region: CORTESE
Fac Address 2: 97 ABBOTT AVE S

Cortese

S104396937
N/A

13
WNW
1/4-1/2
2624 ft.

Relative:
Lower

Actual:
15 ft.

CILKER ORCHARD #3
1595 MILPITAS ALVISO RD
SAN JOSE, CA 95125

CORTESE:
Region: CORTESE
Fac Address 2: 1595 MILPITAS ALVISO RD

UST HIST:
Facility ID: 2027
Total Tanks: 1
Owner Address: 1631 WILLOW ST. #225
SAN JOSE, CA 95125
Tank Used for: PRODUCT
Tank Num: 1
Tank Capacity: 00003000
Type of Fuel: REGULAR
Leak Detection: GW Monitoring Well
Contact Name: WILLIAM CILKER JR.
Facility Type: Other
Owner Name: WILLIAM H CILKER
Region: STATE
Container Num: MG 1
Year Installed: Not reported
Tank Construction: Not Reported
Telephone: (408) 262-2078
Other Type: ORCHARD

Cortese
HIST UST

U001603123
N/A

ORPHAN SUMMARY

City	EDR ID	Site Name	Site Address	Zip	Database(s)
MILPITAS	S106661734	1X MURPHY'S CLEANERS	14 ABBOTT AVEE	95035	CLEANERS
MILPITAS	S105512828	MCCARTHY RANCH	MCCARTHY / MAGNOLIA ST BLVD	95035	LUST, HIST LUST
MILPITAS	1003879376	JONES CHEMICAL	985 MONTAGUE EXPRESSWAY	95035	CERC-NFRAP
MILPITAS	1003878543	INTERNATIONAL DSPL CORP NEWBY IS LDFL	FT OF DIXON LANDING RD W END	95035	CERC-NFRAP
UNINCORPORATED	U001601477	MILPITAS GAS TERMINAL	HIGHWAY 237 @ HIGHWAY 17	95035	HIST UST

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

To maintain currency of the following federal and state databases, EDR contacts the appropriate governmental agency on a monthly or quarterly basis, as required.

Number of Days to Update: Provides confirmation that EDR is reporting records that have been updated within 90 days from the date the government agency made the information available to the public.

FEDERAL RECORDS

NPL: National Priority List

National Priorities List (Superfund). The NPL is a subset of CERCLIS and identifies over 1,200 sites for priority cleanup under the Superfund Program. NPL sites may encompass relatively large areas. As such, EDR provides polygon coverage for over 1,000 NPL site boundaries produced by EPA's Environmental Photographic Interpretation Center (EPIC) and regional EPA offices.

Date of Government Version: 04/19/2006
Date Data Arrived at EDR: 05/05/2006
Date Made Active in Reports: 05/22/2006
Number of Days to Update: 17

Source: EPA
Telephone: N/A
Last EDR Contact: 08/02/2006
Next Scheduled EDR Contact: 10/30/2006
Data Release Frequency: Quarterly

NPL Site Boundaries

Sources:

EPA's Environmental Photographic Interpretation Center (EPIC)
Telephone: 202-564-7333

EPA Region 1
Telephone 617-918-1143

EPA Region 6
Telephone: 214-655-6659

EPA Region 3
Telephone 215-814-5418

EPA Region 7
Telephone: 913-551-7247

EPA Region 4
Telephone 404-562-8033

EPA Region 8
Telephone: 303-312-6774

EPA Region 5
Telephone 312-886-6686

EPA Region 9
Telephone: 415-947-4246

EPA Region 10
Telephone 206-553-8665

Proposed NPL: Proposed National Priority List Sites

Date of Government Version: 04/19/2006
Date Data Arrived at EDR: 05/05/2006
Date Made Active in Reports: 05/22/2006
Number of Days to Update: 17

Source: EPA
Telephone: N/A
Last EDR Contact: 08/02/2006
Next Scheduled EDR Contact: 10/30/2006
Data Release Frequency: Quarterly

DELISTED NPL: National Priority List Deletions

The National Oil and Hazardous Substances Pollution Contingency Plan (NCP) establishes the criteria that the EPA uses to delete sites from the NPL. In accordance with 40 CFR 300.425.(e), sites may be deleted from the NPL where no further response is appropriate.

Date of Government Version: 04/19/2006
Date Data Arrived at EDR: 05/05/2006
Date Made Active in Reports: 05/22/2006
Number of Days to Update: 17

Source: EPA
Telephone: N/A
Last EDR Contact: 08/02/2006
Next Scheduled EDR Contact: 10/30/2006
Data Release Frequency: Quarterly

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

NPL RECOVERY: Federal Superfund Liens

Federal Superfund Liens. Under the authority granted the USEPA by CERCLA of 1980, the USEPA has the authority to file liens against real property in order to recover remedial action expenditures or when the property owner received notification of potential liability. USEPA compiles a listing of filed notices of Superfund Liens.

Date of Government Version: 10/15/1991
Date Data Arrived at EDR: 02/02/1994
Date Made Active in Reports: 03/30/1994
Number of Days to Update: 56

Source: EPA
Telephone: 202-564-4267
Last EDR Contact: 05/23/2006
Next Scheduled EDR Contact: 08/21/2006
Data Release Frequency: No Update Planned

CERCLIS: Comprehensive Environmental Response, Compensation, and Liability Information System

CERCLIS contains data on potentially hazardous waste sites that have been reported to the USEPA by states, municipalities, private companies and private persons, pursuant to Section 103 of the Comprehensive Environmental Response, Compensation, and Liability Act (CERCLA). CERCLIS contains sites which are either proposed to or on the National Priorities List (NPL) and sites which are in the screening and assessment phase for possible inclusion on the NPL.

Date of Government Version: 02/01/2006
Date Data Arrived at EDR: 03/21/2006
Date Made Active in Reports: 04/13/2006
Number of Days to Update: 23

Source: EPA
Telephone: 703-413-0223
Last EDR Contact: 06/22/2006
Next Scheduled EDR Contact: 09/18/2006
Data Release Frequency: Quarterly

CERCLIS-NFRAP: CERCLIS No Further Remedial Action Planned

Archived sites are sites that have been removed and archived from the inventory of CERCLIS sites. Archived status indicates that, to the best of EPA's knowledge, assessment at a site has been completed and that EPA has determined no further steps will be taken to list this site on the National Priorities List (NPL), unless information indicates this decision was not appropriate or other considerations require a recommendation for listing at a later time. This decision does not necessarily mean that there is no hazard associated with a given site; it only means that, based upon available information, the location is not judged to be a potential NPL site.

Date of Government Version: 02/01/2006
Date Data Arrived at EDR: 03/21/2006
Date Made Active in Reports: 04/13/2006
Number of Days to Update: 23

Source: EPA
Telephone: 703-413-0223
Last EDR Contact: 06/23/2006
Next Scheduled EDR Contact: 09/18/2006
Data Release Frequency: Quarterly

CORRACTS: Corrective Action Report

CORRACTS identifies hazardous waste handlers with RCRA corrective action activity.

Date of Government Version: 03/15/2006
Date Data Arrived at EDR: 03/17/2006
Date Made Active in Reports: 04/13/2006
Number of Days to Update: 27

Source: EPA
Telephone: 800-424-9346
Last EDR Contact: 05/21/2006
Next Scheduled EDR Contact: 09/04/2006
Data Release Frequency: Quarterly

RCRA: Resource Conservation and Recovery Act Information

RCRAInfo is EPA's comprehensive information system, providing access to data supporting the Resource Conservation and Recovery Act (RCRA) of 1976 and the Hazardous and Solid Waste Amendments (HSWA) of 1984. RCRAInfo replaces the data recording and reporting abilities of the Resource Conservation and Recovery Information System (RCRIS). The database includes selective information on sites which generate, transport, store, treat and/or dispose of hazardous waste as defined by the Resource Conservation and Recovery Act (RCRA). Conditionally exempt small quantity generators (CESQGs) generate less than 100 kg of hazardous waste, or less than 1 kg of acutely hazardous waste per month. Small quantity generators (SQGs) generate between 100 kg and 1,000 kg of hazardous waste per month. Large quantity generators (LQGs) generate over 1,000 kilograms (kg) of hazardous waste, or over 1 kg of acutely hazardous waste per month. Transporters are individuals or entities that move hazardous waste from the generator off-site to a facility that can recycle, treat, store, or dispose of the waste. TSDFs treat, store, or dispose of the waste.

Date of Government Version: 03/09/2006
Date Data Arrived at EDR: 04/27/2006
Date Made Active in Reports: 05/30/2006
Number of Days to Update: 33

Source: EPA
Telephone: 800-424-9346
Last EDR Contact: 06/28/2006
Next Scheduled EDR Contact: 08/21/2006
Data Release Frequency: Quarterly

ERNS: Emergency Response Notification System

Emergency Response Notification System. ERNS records and stores information on reported releases of oil and hazardous substances.

Date of Government Version: 12/31/2005
Date Data Arrived at EDR: 01/12/2006
Date Made Active in Reports: 02/21/2006
Number of Days to Update: 40

Source: National Response Center, United States Coast Guard
Telephone: 202-260-2342
Last EDR Contact: 07/25/2006
Next Scheduled EDR Contact: 10/23/2006
Data Release Frequency: Annually

HMIRS: Hazardous Materials Information Reporting System

Hazardous Materials Incident Report System. HMIRS contains hazardous material spill incidents reported to DOT.

Date of Government Version: 12/31/2005
Date Data Arrived at EDR: 04/14/2006
Date Made Active in Reports: 05/30/2006
Number of Days to Update: 46

Source: U.S. Department of Transportation
Telephone: 202-366-4555
Last EDR Contact: 07/19/2006
Next Scheduled EDR Contact: 10/16/2006
Data Release Frequency: Annually

US ENG CONTROLS: Engineering Controls Sites List

A listing of sites with engineering controls in place. Engineering controls include various forms of caps, building foundations, liners, and treatment methods to create pathway elimination for regulated substances to enter environmental media or effect human health.

Date of Government Version: 03/21/2006
Date Data Arrived at EDR: 03/27/2006
Date Made Active in Reports: 05/22/2006
Number of Days to Update: 56

Source: Environmental Protection Agency
Telephone: 703-603-8905
Last EDR Contact: 07/03/2006
Next Scheduled EDR Contact: 10/02/2006
Data Release Frequency: Varies

US INST CONTROL: Sites with Institutional Controls

A listing of sites with institutional controls in place. Institutional controls include administrative measures, such as groundwater use restrictions, construction restrictions, property use restrictions, and post remediation care requirements intended to prevent exposure to contaminants remaining on site. Deed restrictions are generally required as part of the institutional controls.

Date of Government Version: 03/21/2006
Date Data Arrived at EDR: 03/27/2006
Date Made Active in Reports: 05/22/2006
Number of Days to Update: 56

Source: Environmental Protection Agency
Telephone: 703-603-8905
Last EDR Contact: 07/03/2006
Next Scheduled EDR Contact: 10/02/2006
Data Release Frequency: Varies

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

DOD: Department of Defense Sites

This data set consists of federally owned or administered lands, administered by the Department of Defense, that have any area equal to or greater than 640 acres of the United States, Puerto Rico, and the U.S. Virgin Islands.

Date of Government Version: 12/31/2004
Date Data Arrived at EDR: 02/08/2005
Date Made Active in Reports: 08/04/2005
Number of Days to Update: 177

Source: USGS
Telephone: 703-692-8801
Last EDR Contact: 05/12/2006
Next Scheduled EDR Contact: 08/07/2006
Data Release Frequency: Semi-Annually

FUDS: Formerly Used Defense Sites

The listing includes locations of Formerly Used Defense Sites properties where the US Army Corps of Engineers is actively working or will take necessary cleanup actions.

Date of Government Version: 12/05/2005
Date Data Arrived at EDR: 01/19/2006
Date Made Active in Reports: 02/21/2006
Number of Days to Update: 33

Source: U.S. Army Corps of Engineers
Telephone: 202-528-4285
Last EDR Contact: 07/17/2006
Next Scheduled EDR Contact: 10/02/2006
Data Release Frequency: Varies

US BROWNFIELDS: A Listing of Brownfields Sites

Included in the listing are brownfields properties addresses by Cooperative Agreement Recipients and brownfields properties addressed by Targeted Brownfields Assessments. Targeted Brownfields Assessments-EPA's Targeted Brownfields Assessments (TBA) program is designed to help states, tribes, and municipalities--especially those without EPA Brownfields Assessment Demonstration Pilots--minimize the uncertainties of contamination often associated with brownfields. Under the TBA program, EPA provides funding and/or technical assistance for environmental assessments at brownfields sites throughout the country. Targeted Brownfields Assessments supplement and work with other efforts under EPA's Brownfields Initiative to promote cleanup and redevelopment of brownfields. Cooperative Agreement Recipients-States, political subdivisions, territories, and Indian tribes become Brownfields Cleanup Revolving Loan Fund (BCRLF) cooperative agreement recipients when they enter into BCRLF cooperative agreements with the U.S. EPA. EPA selects BCRLF cooperative agreement recipients based on a proposal and application process. BCRLF cooperative agreement recipients must use EPA funds provided through BCRLF cooperative agreement for specified brownfields-related cleanup activities.

Date of Government Version: 04/26/2006
Date Data Arrived at EDR: 04/27/2006
Date Made Active in Reports: 05/30/2006
Number of Days to Update: 33

Source: Environmental Protection Agency
Telephone: 202-566-2777
Last EDR Contact: 06/12/2006
Next Scheduled EDR Contact: 09/11/2006
Data Release Frequency: Semi-Annually

CONSENT: Superfund (CERCLA) Consent Decrees

Major legal settlements that establish responsibility and standards for cleanup at NPL (Superfund) sites. Released periodically by United States District Courts after settlement by parties to litigation matters.

Date of Government Version: 12/14/2004
Date Data Arrived at EDR: 02/15/2005
Date Made Active in Reports: 04/25/2005
Number of Days to Update: 69

Source: Department of Justice, Consent Decree Library
Telephone: Varies
Last EDR Contact: 07/24/2006
Next Scheduled EDR Contact: 10/23/2006
Data Release Frequency: Varies

ROD: Records Of Decision

Record of Decision. ROD documents mandate a permanent remedy at an NPL (Superfund) site containing technical and health information to aid in the cleanup.

Date of Government Version: 04/13/2006
Date Data Arrived at EDR: 04/28/2006
Date Made Active in Reports: 05/30/2006
Number of Days to Update: 32

Source: EPA
Telephone: 703-416-0223
Last EDR Contact: 07/06/2006
Next Scheduled EDR Contact: 10/02/2006
Data Release Frequency: Annually

UMTRA: Uranium Mill Tailings Sites

Uranium ore was mined by private companies for federal government use in national defense programs. When the mills shut down, large piles of the sand-like material (mill tailings) remain after uranium has been extracted from the ore. Levels of human exposure to radioactive materials from the piles are low; however, in some cases tailings were used as construction materials before the potential health hazards of the tailings were recognized.

Date of Government Version: 11/04/2005
Date Data Arrived at EDR: 11/28/2005
Date Made Active in Reports: 01/30/2006
Number of Days to Update: 63

Source: Department of Energy
Telephone: 505-845-0011
Last EDR Contact: 06/21/2006
Next Scheduled EDR Contact: 09/18/2006
Data Release Frequency: Varies

ODI: Open Dump Inventory

An open dump is defined as a disposal facility that does not comply with one or more of the Part 257 or Part 258 Subtitle D Criteria.

Date of Government Version: 06/30/1985
Date Data Arrived at EDR: 08/09/2004
Date Made Active in Reports: 09/17/2004
Number of Days to Update: 39

Source: Environmental Protection Agency
Telephone: 800-424-9346
Last EDR Contact: 06/09/2004
Next Scheduled EDR Contact: N/A
Data Release Frequency: No Update Planned

PRP: Potentially Responsible Parties

A listing of verified Potentially Responsible Parties

Date of Government Version: 03/09/2006
Date Data Arrived at EDR: 04/13/2006
Date Made Active in Reports: 05/19/2006
Number of Days to Update: 36

Source: EPA
Telephone: 202-564-6064
Last EDR Contact: 07/06/2006
Next Scheduled EDR Contact: 10/02/2006
Data Release Frequency: Quarterly

TRIS: Toxic Chemical Release Inventory System

Toxic Release Inventory System. TRIS identifies facilities which release toxic chemicals to the air, water and land in reportable quantities under SARA Title III Section 313.

Date of Government Version: 12/31/2003
Date Data Arrived at EDR: 07/13/2005
Date Made Active in Reports: 08/17/2005
Number of Days to Update: 35

Source: EPA
Telephone: 202-566-0250
Last EDR Contact: 06/22/2006
Next Scheduled EDR Contact: 09/18/2006
Data Release Frequency: Annually

TSCA: Toxic Substances Control Act

Toxic Substances Control Act. TSCA identifies manufacturers and importers of chemical substances included on the TSCA Chemical Substance Inventory list. It includes data on the production volume of these substances by plant site.

Date of Government Version: 12/31/2002
Date Data Arrived at EDR: 04/14/2006
Date Made Active in Reports: 05/30/2006
Number of Days to Update: 46

Source: EPA
Telephone: 202-260-5521
Last EDR Contact: 07/17/2006
Next Scheduled EDR Contact: 10/16/2006
Data Release Frequency: Every 4 Years

FTTS: FIFRA/ TSCA Tracking System - FIFRA (Federal Insecticide, Fungicide, & Rodenticide Act)/TSCA (Toxic Substances Control Act)

FTTS tracks administrative cases and pesticide enforcement actions and compliance activities related to FIFRA, TSCA and EPCRA (Emergency Planning and Community Right-to-Know Act). To maintain currency, EDR contacts the Agency on a quarterly basis.

Date of Government Version: 03/29/2006
Date Data Arrived at EDR: 04/26/2006
Date Made Active in Reports: 05/30/2006
Number of Days to Update: 34

Source: EPA/Office of Prevention, Pesticides and Toxic Substances
Telephone: 202-566-1667
Last EDR Contact: 06/19/2006
Next Scheduled EDR Contact: 09/18/2006
Data Release Frequency: Quarterly

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

FTTS INSP: FIFRA/ TSCA Tracking System - FIFRA (Federal Insecticide, Fungicide, & Rodenticide Act)/TSCA (Toxic Substances Control Act)

Date of Government Version: 03/31/2006
Date Data Arrived at EDR: 04/26/2006
Date Made Active in Reports: 05/30/2006
Number of Days to Update: 34

Source: EPA
Telephone: 202-566-1667
Last EDR Contact: 06/19/2006
Next Scheduled EDR Contact: 09/18/2006
Data Release Frequency: Quarterly

SSTS: Section 7 Tracking Systems

Section 7 of the Federal Insecticide, Fungicide and Rodenticide Act, as amended (92 Stat. 829) requires all registered pesticide-producing establishments to submit a report to the Environmental Protection Agency by March 1st each year. Each establishment must report the types and amounts of pesticides, active ingredients and devices being produced, and those having been produced and sold or distributed in the past year.

Date of Government Version: 12/31/2004
Date Data Arrived at EDR: 05/11/2006
Date Made Active in Reports: 05/22/2006
Number of Days to Update: 11

Source: EPA
Telephone: 202-564-4203
Last EDR Contact: 07/17/2006
Next Scheduled EDR Contact: 10/16/2006
Data Release Frequency: Annually

ICIS: Integrated Compliance Information System

The Integrated Compliance Information System (ICIS) supports the information needs of the national enforcement and compliance program as well as the unique needs of the National Pollutant Discharge Elimination System (NPDES) program.

Date of Government Version: 02/13/2006
Date Data Arrived at EDR: 04/21/2006
Date Made Active in Reports: 05/11/2006
Number of Days to Update: 20

Source: Environmental Protection Agency
Telephone: 202-564-5088
Last EDR Contact: 07/17/2006
Next Scheduled EDR Contact: 10/16/2006
Data Release Frequency: Quarterly

PADS: PCB Activity Database System

PCB Activity Database. PADS Identifies generators, transporters, commercial storers and/or brokers and disposers of PCB's who are required to notify the EPA of such activities.

Date of Government Version: 12/27/2005
Date Data Arrived at EDR: 02/08/2006
Date Made Active in Reports: 02/27/2006
Number of Days to Update: 19

Source: EPA
Telephone: 202-566-0500
Last EDR Contact: 06/28/2006
Next Scheduled EDR Contact: 08/07/2006
Data Release Frequency: Annually

MLTS: Material Licensing Tracking System

MLTS is maintained by the Nuclear Regulatory Commission and contains a list of approximately 8,100 sites which possess or use radioactive materials and which are subject to NRC licensing requirements. To maintain currency, EDR contacts the Agency on a quarterly basis.

Date of Government Version: 04/12/2006
Date Data Arrived at EDR: 04/26/2006
Date Made Active in Reports: 05/30/2006
Number of Days to Update: 34

Source: Nuclear Regulatory Commission
Telephone: 301-415-7169
Last EDR Contact: 07/03/2006
Next Scheduled EDR Contact: 10/02/2006
Data Release Frequency: Quarterly

MINES: Mines Master Index File

Contains all mine identification numbers issued for mines active or opened since 1971. The data also includes violation information.

Date of Government Version: 02/09/2006
Date Data Arrived at EDR: 03/29/2006
Date Made Active in Reports: 05/30/2006
Number of Days to Update: 62

Source: Department of Labor, Mine Safety and Health Administration
Telephone: 303-231-5959
Last EDR Contact: 06/28/2006
Next Scheduled EDR Contact: 09/25/2006
Data Release Frequency: Semi-Annually

FINDS: Facility Index System/Facility Registry System

Facility Index System. FINDS contains both facility information and 'pointers' to other sources that contain more detail. EDR includes the following FINDS databases in this report: PCS (Permit Compliance System), AIRS (Aerometric Information Retrieval System), DOCKET (Enforcement Docket used to manage and track information on civil judicial enforcement cases for all environmental statutes), FURS (Federal Underground Injection Control), C-DOCKET (Criminal Docket System used to track criminal enforcement actions for all environmental statutes), FFIS (Federal Facilities Information System), STATE (State Environmental Laws and Statutes), and PADS (PCB Activity Data System).

Date of Government Version: 04/27/2006
Date Data Arrived at EDR: 05/02/2006
Date Made Active in Reports: 05/30/2006
Number of Days to Update: 28

Source: EPA
Telephone: N/A
Last EDR Contact: 04/03/2006
Next Scheduled EDR Contact: 07/03/2006
Data Release Frequency: Quarterly

RAATS: RCRA Administrative Action Tracking System

RCRA Administration Action Tracking System. RAATS contains records based on enforcement actions issued under RCRA pertaining to major violators and includes administrative and civil actions brought by the EPA. For administration actions after September 30, 1995, data entry in the RAATS database was discontinued. EPA will retain a copy of the database for historical records. It was necessary to terminate RAATS because a decrease in agency resources made it impossible to continue to update the information contained in the database.

Date of Government Version: 04/17/1995
Date Data Arrived at EDR: 07/03/1995
Date Made Active in Reports: 08/07/1995
Number of Days to Update: 35

Source: EPA
Telephone: 202-564-4104
Last EDR Contact: 06/05/2006
Next Scheduled EDR Contact: 09/04/2006
Data Release Frequency: No Update Planned

BRS: Biennial Reporting System

The Biennial Reporting System is a national system administered by the EPA that collects data on the generation and management of hazardous waste. BRS captures detailed data from two groups: Large Quantity Generators (LQG) and Treatment, Storage, and Disposal Facilities.

Date of Government Version: 12/31/2003
Date Data Arrived at EDR: 06/17/2005
Date Made Active in Reports: 08/04/2005
Number of Days to Update: 48

Source: EPA/NTIS
Telephone: 800-424-9346
Last EDR Contact: 07/21/2006
Next Scheduled EDR Contact: 09/11/2006
Data Release Frequency: Biennially

STATE AND LOCAL RECORDS

AWP: Annual Workplan Sites

Known Hazardous Waste Sites. California DTSC's Annual Workplan (AWP), formerly BEP, identifies known hazardous substance sites targeted for cleanup.

Date of Government Version: 08/08/2005
Date Data Arrived at EDR: 08/29/2005
Date Made Active in Reports: 09/21/2005
Number of Days to Update: 23

Source: California Environmental Protection Agency
Telephone: 916-323-3400
Last EDR Contact: 05/10/2006
Next Scheduled EDR Contact: 08/28/2006
Data Release Frequency: Annually

CAL-SITES: Calsites Database

The Calsites database contains potential or confirmed hazardous substance release properties. In 1996, California EPA reevaluated and significantly reduced the number of sites in the Calsites database. No longer updated by the state agency. It has been replaced by ENVIROSTOR.

Date of Government Version: 08/08/2005
Date Data Arrived at EDR: 08/29/2005
Date Made Active in Reports: 09/21/2005
Number of Days to Update: 23

Source: Department of Toxic Substance Control
Telephone: 916-323-3400
Last EDR Contact: 08/03/2006
Next Scheduled EDR Contact: 08/28/2006
Data Release Frequency: No Update Planned

CA BOND EXP. PLAN: Bond Expenditure Plan

Department of Health Services developed a site-specific expenditure plan as the basis for an appropriation of Hazardous Substance Cleanup Bond Act funds. It is not updated.

Date of Government Version: 01/01/1989
Date Data Arrived at EDR: 07/27/1994
Date Made Active in Reports: 08/02/1994
Number of Days to Update: 6

Source: Department of Health Services
Telephone: 916-255-2118
Last EDR Contact: 05/31/1994
Next Scheduled EDR Contact: N/A
Data Release Frequency: No Update Planned

NFA: No Further Action Determination

This category contains properties at which DTSC has made a clear determination that the property does not pose a problem to the environment or to public health.

Date of Government Version: 08/08/2005
Date Data Arrived at EDR: 08/29/2005
Date Made Active in Reports: 10/06/2005
Number of Days to Update: 38

Source: Department of Toxic Substances Control
Telephone: 916-323-3400
Last EDR Contact: 05/10/2006
Next Scheduled EDR Contact: 08/28/2006
Data Release Frequency: Quarterly

NFE: Properties Needing Further Evaluation

This category contains properties that are suspected of being contaminated. These are unconfirmed contaminated properties that need to be assessed using the PEA process. PEA in Progress indicates properties where DTSC is currently conducting a PEA. PEA Required indicates properties where DTSC has determined a PEA is required, but not currently underway.

Date of Government Version: 08/08/2005
Date Data Arrived at EDR: 08/29/2005
Date Made Active in Reports: 09/21/2005
Number of Days to Update: 23

Source: Department of Toxic Substances Control
Telephone: 916-323-3400
Last EDR Contact: 05/10/2006
Next Scheduled EDR Contact: 08/28/2006
Data Release Frequency: Quarterly

REF: Unconfirmed Properties Referred to Another Agency

This category contains properties where contamination has not been confirmed and which were determined as not requiring direct DTSC Site Mitigation Program action or oversight. Accordingly, these sites have been referred to another state or local regulatory agency.

Date of Government Version: 08/08/2005
Date Data Arrived at EDR: 08/29/2005
Date Made Active in Reports: 10/06/2005
Number of Days to Update: 38

Source: Department of Toxic Substances Control
Telephone: 916-323-3400
Last EDR Contact: 05/10/2006
Next Scheduled EDR Contact: 08/28/2006
Data Release Frequency: Quarterly

SCH: School Property Evaluation Program

This category contains proposed and existing school sites that are being evaluated by DTSC for possible hazardous materials contamination. In some cases, these properties may be listed in the CalSites category depending on the level of threat to public health and safety or the environment they pose.

Date of Government Version: 06/06/2006
Date Data Arrived at EDR: 06/07/2006
Date Made Active in Reports: 07/06/2006
Number of Days to Update: 29

Source: Department of Toxic Substances Control
Telephone: 916-323-3400
Last EDR Contact: 06/07/2006
Next Scheduled EDR Contact: 08/28/2006
Data Release Frequency: Quarterly

TOXIC PITS: Toxic Pits Cleanup Act Sites

Toxic PITS Cleanup Act Sites. TOXIC PITS identifies sites suspected of containing hazardous substances where cleanup has not yet been completed.

Date of Government Version: 07/01/1995
Date Data Arrived at EDR: 08/30/1995
Date Made Active in Reports: 09/26/1995
Number of Days to Update: 27

Source: State Water Resources Control Board
Telephone: 916-227-4364
Last EDR Contact: 07/31/2006
Next Scheduled EDR Contact: 10/30/2006
Data Release Frequency: No Update Planned

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

SWF/LF (SWIS): Solid Waste Information System

Active, Closed and Inactive Landfills. SWF/LF records typically contain an inve ntory of solid waste disposal facilities or landfills. These may be active or i nactive facilities or open dumps that failed to meet RCRA Section 4004 criteria for solid waste landfills or disposal sites.

Date of Government Version: 06/12/2006
Date Data Arrived at EDR: 06/14/2006
Date Made Active in Reports: 07/27/2006
Number of Days to Update: 43

Source: Integrated Waste Management Board
Telephone: 916-341-6320
Last EDR Contact: 06/14/2006
Next Scheduled EDR Contact: 09/11/2006
Data Release Frequency: Quarterly

CA WDS: Waste Discharge System

Sites which have been issued waste discharge requirements.

Date of Government Version: 06/21/2006
Date Data Arrived at EDR: 06/22/2006
Date Made Active in Reports: 07/27/2006
Number of Days to Update: 35

Source: State Water Resources Control Board
Telephone: 916-341-5227
Last EDR Contact: 06/22/2006
Next Scheduled EDR Contact: 09/18/2006
Data Release Frequency: Quarterly

WMUDS/SWAT: Waste Management Unit Database

Waste Management Unit Database System. WMUDS is used by the State Water Resources Control Board staff and the Regional Water Quality Control Boards for program tracking and inventory of waste management units. WMUDS is composed of the following databases: Facility Information, Scheduled Inspections Information, Waste Management Unit Information, SWAT Program Information, SWAT Report Summary Information, SWAT Report Summary Data, Chapter 15 (formerly Subchapter 15) Information, Chapter 15 Monitoring Parameters, TPCA Program Information, RCRA Program Information, Closure Information, and Interested Parties Information.

Date of Government Version: 04/01/2000
Date Data Arrived at EDR: 04/10/2000
Date Made Active in Reports: 05/10/2000
Number of Days to Update: 30

Source: State Water Resources Control Board
Telephone: 916-227-4448
Last EDR Contact: 07/24/2006
Next Scheduled EDR Contact: 09/04/2006
Data Release Frequency: Quarterly

CORTESE: "Cortese" Hazardous Waste & Substances Sites List

The sites for the list are designated by the State Water Resource Control Board (LUST), the Integrated Waste Board (SWF/LS), and the Department of Toxic Substances Control (Cal-Sites). This listing is no longer updated by the state agency.

Date of Government Version: 04/01/2001
Date Data Arrived at EDR: 05/29/2001
Date Made Active in Reports: 07/26/2001
Number of Days to Update: 58

Source: CAL EPA/Office of Emergency Information
Telephone: 916-323-9100
Last EDR Contact: 07/24/2006
Next Scheduled EDR Contact: 10/23/2006
Data Release Frequency: No Update Planned

SWRCY: Recycler Database

A listing of recycling facilities in California.

Date of Government Version: 07/10/2006
Date Data Arrived at EDR: 07/12/2006
Date Made Active in Reports: 07/27/2006
Number of Days to Update: 15

Source: Department of Conservation
Telephone: 916-323-3836
Last EDR Contact: 07/12/2006
Next Scheduled EDR Contact: 10/09/2006
Data Release Frequency: Quarterly

LUST: Geotracker's Leaking Underground Fuel Tank Report

Leaking Underground Storage Tank Incident Reports. LUST records contain an inventory of reported leaking underground storage tank incidents. Not all states maintain these records, and the information stored varies by state.

Date of Government Version: 07/11/2006
Date Data Arrived at EDR: 07/12/2006
Date Made Active in Reports: 07/27/2006
Number of Days to Update: 15

Source: State Water Resources Control Board
Telephone: 916-341-5752
Last EDR Contact: 07/12/2006
Next Scheduled EDR Contact: 10/09/2006
Data Release Frequency: Quarterly

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

LUST REG 4: Underground Storage Tank Leak List
Los Angeles, Ventura counties. For more current information, please refer to the State Water Resources Control Board's LUST database.

Date of Government Version: 09/07/2004
Date Data Arrived at EDR: 09/07/2004
Date Made Active in Reports: 10/12/2004
Number of Days to Update: 35

Source: California Regional Water Quality Control Board Los Angeles Region (4)
Telephone: 213-576-6600
Last EDR Contact: 06/26/2006
Next Scheduled EDR Contact: 09/25/2006
Data Release Frequency: No Update Planned

LUST REG 6L: Leaking Underground Storage Tank Case Listing
For more current information, please refer to the State Water Resources Control Board's LUST database.

Date of Government Version: 09/09/2003
Date Data Arrived at EDR: 09/10/2003
Date Made Active in Reports: 10/07/2003
Number of Days to Update: 27

Source: California Regional Water Quality Control Board Lahontan Region (6)
Telephone: 916-542-5424
Last EDR Contact: 06/05/2006
Next Scheduled EDR Contact: 09/04/2006
Data Release Frequency: No Update Planned

LUST REG 9: Leaking Underground Storage Tank Report
Orange, Riverside, San Diego counties. For more current information, please refer to the State Water Resources Control Board's LUST database.

Date of Government Version: 03/01/2001
Date Data Arrived at EDR: 04/23/2001
Date Made Active in Reports: 05/21/2001
Number of Days to Update: 28

Source: California Regional Water Quality Control Board San Diego Region (9)
Telephone: 858-467-2980
Last EDR Contact: 07/17/2006
Next Scheduled EDR Contact: 10/16/2006
Data Release Frequency: No Update Planned

LUST REG 8: Leaking Underground Storage Tanks
California Regional Water Quality Control Board Santa Ana Region (8). For more current information, please refer to the State Water Resources Control Board's LUST database.

Date of Government Version: 02/14/2005
Date Data Arrived at EDR: 02/15/2005
Date Made Active in Reports: 03/28/2005
Number of Days to Update: 41

Source: California Regional Water Quality Control Board Santa Ana Region (8)
Telephone: 951-782-4130
Last EDR Contact: 05/08/2006
Next Scheduled EDR Contact: 08/07/2006
Data Release Frequency: Varies

LUST REG 7: Leaking Underground Storage Tank Case Listing

Date of Government Version: 02/26/2004
Date Data Arrived at EDR: 02/26/2004
Date Made Active in Reports: 03/24/2004
Number of Days to Update: 27

Source: California Regional Water Quality Control Board Colorado River Basin Region (7)
Telephone: 760-346-7491
Last EDR Contact: 05/22/2006
Next Scheduled EDR Contact: 08/21/2006
Data Release Frequency: No Update Planned

LUST REG 6V: Leaking Underground Storage Tank Case Listing

Date of Government Version: 06/07/2005
Date Data Arrived at EDR: 06/07/2005
Date Made Active in Reports: 06/29/2005
Number of Days to Update: 22

Source: California Regional Water Quality Control Board Victorville Branch Office (6)
Telephone: 760-346-7491
Last EDR Contact: 07/03/2006
Next Scheduled EDR Contact: 10/02/2006
Data Release Frequency: No Update Planned

LUST REG 5: Leaking Underground Storage Tank Database

Date of Government Version: 04/01/2006
Date Data Arrived at EDR: 04/27/2006
Date Made Active in Reports: 05/26/2006
Number of Days to Update: 29

Source: California Regional Water Quality Control Board Central Valley Region (5)
Telephone: 916-464-3291
Last EDR Contact: 07/26/2006
Next Scheduled EDR Contact: 10/02/2006
Data Release Frequency: Quarterly

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

LUST REG 3: Leaking Underground Storage Tank Database

Date of Government Version: 05/19/2003
Date Data Arrived at EDR: 05/19/2003
Date Made Active in Reports: 06/02/2003
Number of Days to Update: 14

Source: California Regional Water Quality Control Board Central Coast Region (3)
Telephone: 805-549-3147
Last EDR Contact: 05/15/2006
Next Scheduled EDR Contact: 08/14/2006
Data Release Frequency: No Update Planned

LUST REG 1: Active Toxic Site Investigation

Del Norte, Humboldt, Lake, Mendocino, Modoc, Siskiyou, Sonoma, Trinity counties. For more current information, please refer to the State Water Resources Control Board's LUST database.

Date of Government Version: 02/01/2001
Date Data Arrived at EDR: 02/28/2001
Date Made Active in Reports: 03/29/2001
Number of Days to Update: 29

Source: California Regional Water Quality Control Board North Coast (1)
Telephone: 707-576-2220
Last EDR Contact: 05/22/2006
Next Scheduled EDR Contact: 08/21/2006
Data Release Frequency: No Update Planned

LUST REG 2: Fuel Leak List

Date of Government Version: 09/30/2004
Date Data Arrived at EDR: 10/20/2004
Date Made Active in Reports: 11/19/2004
Number of Days to Update: 30

Source: California Regional Water Quality Control Board San Francisco Bay Region (2)
Telephone: 510-286-0457
Last EDR Contact: 07/10/2006
Next Scheduled EDR Contact: 10/09/2006
Data Release Frequency: Quarterly

CA FID UST: Facility Inventory Database

The Facility Inventory Database (FID) contains a historical listing of active and inactive underground storage tank locations from the State Water Resource Control Board. Refer to local/county source for current data.

Date of Government Version: 10/31/1994
Date Data Arrived at EDR: 09/05/1995
Date Made Active in Reports: 09/29/1995
Number of Days to Update: 24

Source: California Environmental Protection Agency
Telephone: 916-341-5851
Last EDR Contact: 12/28/1998
Next Scheduled EDR Contact: N/A
Data Release Frequency: No Update Planned

SLIC: Statewide SLIC Cases

The Spills, Leaks, Investigations, and Cleanups (SLIC) listings includes unauthorized discharges from spills and leaks, other than from underground storage tanks or other regulated sites.

Date of Government Version: 07/11/2006
Date Data Arrived at EDR: 07/12/2006
Date Made Active in Reports: 07/27/2006
Number of Days to Update: 15

Source: State Water Resources Control Board
Telephone: 916-341-5752
Last EDR Contact: 07/12/2006
Next Scheduled EDR Contact: 10/09/2006
Data Release Frequency: Varies

SLIC REG 1: Active Toxic Site Investigations

Date of Government Version: 04/03/2003
Date Data Arrived at EDR: 04/07/2003
Date Made Active in Reports: 04/25/2003
Number of Days to Update: 18

Source: California Regional Water Quality Control Board, North Coast Region (1)
Telephone: 707-576-2220
Last EDR Contact: 05/23/2006
Next Scheduled EDR Contact: 08/21/2006
Data Release Frequency: No Update Planned

SLIC REG 2: Spills, Leaks, Investigation & Cleanup Cost Recovery Listing

Any contaminated site that impacts groundwater or has the potential to impact groundwater.

Date of Government Version: 09/30/2004
Date Data Arrived at EDR: 10/20/2004
Date Made Active in Reports: 11/19/2004
Number of Days to Update: 30

Source: Regional Water Quality Control Board San Francisco Bay Region (2)
Telephone: 510-286-0457
Last EDR Contact: 07/10/2006
Next Scheduled EDR Contact: 10/09/2006
Data Release Frequency: Quarterly

SLIC REG 3: Spills, Leaks, Investigation & Cleanup Cost Recovery Listing
Any contaminated site that impacts groundwater or has the potential to impact groundwater.

Date of Government Version: 05/18/2006
Date Data Arrived at EDR: 05/18/2006
Date Made Active in Reports: 06/15/2006
Number of Days to Update: 28

Source: California Regional Water Quality Control Board Central Coast Region (3)
Telephone: 805-549-3147
Last EDR Contact: 05/15/2006
Next Scheduled EDR Contact: 08/14/2006
Data Release Frequency: Semi-Annually

SLIC REG 4: Spills, Leaks, Investigation & Cleanup Cost Recovery Listing
Any contaminated site that impacts groundwater or has the potential to impact groundwater.

Date of Government Version: 11/17/2004
Date Data Arrived at EDR: 11/18/2004
Date Made Active in Reports: 01/04/2005
Number of Days to Update: 47

Source: Region Water Quality Control Board Los Angeles Region (4)
Telephone: 213-576-6600
Last EDR Contact: 07/24/2006
Next Scheduled EDR Contact: 10/23/2006
Data Release Frequency: Varies

SLIC REG 5: Spills, Leaks, Investigation & Cleanup Cost Recovery Listing
Unregulated sites that impact groundwater or have the potential to impact groundwater.

Date of Government Version: 04/01/2005
Date Data Arrived at EDR: 04/05/2005
Date Made Active in Reports: 04/21/2005
Number of Days to Update: 16

Source: Regional Water Quality Control Board Central Valley Region (5)
Telephone: 916-464-3291
Last EDR Contact: 07/06/2006
Next Scheduled EDR Contact: 10/02/2006
Data Release Frequency: Semi-Annually

SLIC REG 6V: Spills, Leaks, Investigation & Cleanup Cost Recovery Listing

Date of Government Version: 05/24/2005
Date Data Arrived at EDR: 05/25/2005
Date Made Active in Reports: 06/16/2005
Number of Days to Update: 22

Source: Regional Water Quality Control Board, Victorville Branch
Telephone: 619-241-6583
Last EDR Contact: 07/03/2006
Next Scheduled EDR Contact: 10/02/2006
Data Release Frequency: Semi-Annually

SLIC REG 6L: SLIC Sites

Date of Government Version: 09/07/2004
Date Data Arrived at EDR: 09/07/2004
Date Made Active in Reports: 10/12/2004
Number of Days to Update: 35

Source: California Regional Water Quality Control Board, Lahontan Region
Telephone: 530-542-5574
Last EDR Contact: 06/05/2006
Next Scheduled EDR Contact: 09/04/2006
Data Release Frequency: No Update Planned

SLIC REG 7: SLIC List

Date of Government Version: 11/24/2004
Date Data Arrived at EDR: 11/29/2004
Date Made Active in Reports: 01/04/2005
Number of Days to Update: 36

Source: California Regional Quality Control Board, Colorado River Basin Region
Telephone: 760-346-7491
Last EDR Contact: 05/23/2006
Next Scheduled EDR Contact: 08/21/2006
Data Release Frequency: No Update Planned

SLIC REG 8: Spills, Leaks, Investigation & Cleanup Cost Recovery Listing

Date of Government Version: 04/06/2006
Date Data Arrived at EDR: 04/06/2006
Date Made Active in Reports: 05/11/2006
Number of Days to Update: 35

Source: California Region Water Quality Control Board Santa Ana Region (8)
Telephone: 951-782-3298
Last EDR Contact: 07/03/2006
Next Scheduled EDR Contact: 10/02/2006
Data Release Frequency: Semi-Annually

SLIC REG 9: Spills, Leaks, Investigation & Cleanup Cost Recovery Listing

Date of Government Version: 05/31/2006
Date Data Arrived at EDR: 06/01/2006
Date Made Active in Reports: 06/15/2006
Number of Days to Update: 14

Source: California Regional Water Quality Control Board San Diego Region (9)
Telephone: 858-467-2980
Last EDR Contact: 05/30/2006
Next Scheduled EDR Contact: 08/28/2006
Data Release Frequency: Annually

UST: Active UST Facilities

Active UST facilities gathered from the local regulatory agencies

Date of Government Version: 07/11/2006
Date Data Arrived at EDR: 07/12/2006
Date Made Active in Reports: 07/26/2006
Number of Days to Update: 14

Source: SWRCB
Telephone: 916-341-5851
Last EDR Contact: 07/12/2006
Next Scheduled EDR Contact: 10/09/2006
Data Release Frequency: Semi-Annually

HIST UST: Hazardous Substance Storage Container Database

The Hazardous Substance Storage Container Database is a historical listing of UST sites. Refer to local/county source for current data.

Date of Government Version: 10/15/1990
Date Data Arrived at EDR: 01/25/1991
Date Made Active in Reports: 02/12/1991
Number of Days to Update: 18

Source: State Water Resources Control Board
Telephone: 916-341-5851
Last EDR Contact: 07/26/2001
Next Scheduled EDR Contact: N/A
Data Release Frequency: No Update Planned

AST: Aboveground Petroleum Storage Tank Facilities

Registered Aboveground Storage Tanks.

Date of Government Version: 01/30/2006
Date Data Arrived at EDR: 01/30/2006
Date Made Active in Reports: 02/17/2006
Number of Days to Update: 18

Source: State Water Resources Control Board
Telephone: 916-341-5712
Last EDR Contact: 07/31/2006
Next Scheduled EDR Contact: 10/31/2006
Data Release Frequency: Quarterly

SWEEPS UST: SWEEPS UST Listing

Statewide Environmental Evaluation and Planning System. This underground storage tank listing was updated and maintained by a company contacted by the SWRCB in the early 1980's. The listing is no longer updated or maintained. The local agency is the contact for more information on a site on the SWEEPS list.

Date of Government Version: 06/01/1994
Date Data Arrived at EDR: 07/07/2005
Date Made Active in Reports: 08/11/2005
Number of Days to Update: 35

Source: State Water Resources Control Board
Telephone: N/A
Last EDR Contact: 06/03/2005
Next Scheduled EDR Contact: N/A
Data Release Frequency: No Update Planned

CHMIRS: California Hazardous Material Incident Report System

California Hazardous Material Incident Reporting System. CHMIRS contains information on reported hazardous material incidents (accidental releases or spills).

Date of Government Version: 12/31/2004
Date Data Arrived at EDR: 11/30/2005
Date Made Active in Reports: 01/19/2006
Number of Days to Update: 50

Source: Office of Emergency Services
Telephone: 916-845-8400
Last EDR Contact: 05/22/2006
Next Scheduled EDR Contact: 08/21/2006
Data Release Frequency: Varies

NOTIFY 65: Proposition 65 Records

Proposition 65 Notification Records. NOTIFY 65 contains facility notifications about any release which could impact drinking water and thereby expose the public to a potential health risk.

Date of Government Version: 10/21/1993
Date Data Arrived at EDR: 11/01/1993
Date Made Active in Reports: 11/19/1993
Number of Days to Update: 18

Source: State Water Resources Control Board
Telephone: 916-445-3846
Last EDR Contact: 07/17/2006
Next Scheduled EDR Contact: 10/16/2006
Data Release Frequency: No Update Planned

DEED: Deed Restriction Listing

Site Mitigation and Brownfields Reuse Program Facility Sites with Deed Restrictions & Hazardous Waste Management Program Facility Sites with Deed / Land Use Restriction. The DTSC Site Mitigation and Brownfields Reuse Program (SMBRP) list includes sites cleaned up under the program's oversight and generally does not include current or former hazardous waste facilities that required a hazardous waste facility permit. The list represents deed restrictions that are active. Some sites have multiple deed restrictions. The DTSC Hazardous Waste Management Program (HWMP) has developed a list of current or former hazardous waste facilities that have a recorded land use restriction at the local county recorder's office. The land use restrictions on this list were required by the DTSC HWMP as a result of the presence of hazardous substances that remain on site after the facility (or part of the facility) has been closed or cleaned up. The types of land use restriction include deed notice, deed restriction, or a land use restriction that binds current and future owners.

Date of Government Version: 07/05/2006
Date Data Arrived at EDR: 07/06/2006
Date Made Active in Reports: 07/27/2006
Number of Days to Update: 21

Source: Department of Toxic Substances Control
Telephone: 916-323-3400
Last EDR Contact: 07/06/2006
Next Scheduled EDR Contact: 10/02/2006
Data Release Frequency: Semi-Annually

VCP: Voluntary Cleanup Program Properties

Contains low threat level properties with either confirmed or unconfirmed releases and the project proponents have request that DTSC oversee investigation and/or cleanup activities and have agreed to provide coverage for DTSC's costs.

Date of Government Version: 06/06/2006
Date Data Arrived at EDR: 06/07/2006
Date Made Active in Reports: 07/06/2006
Number of Days to Update: 29

Source: Department of Toxic Substances Control
Telephone: 916-323-3400
Last EDR Contact: 06/07/2006
Next Scheduled EDR Contact: 08/28/2006
Data Release Frequency: Quarterly

DRYCLEANERS: Cleaner Facilities

A list of drycleaner related facilities that have EPA ID numbers. These are facilities with certain SIC codes: power laundries, family and commercial; garment pressing and cleaner's agents; linen supply; coin-operated laundries and cleaning; drycleaning plants, except rugs; carpet and upholster cleaning; industrial launderers; laundry and garment services.

Date of Government Version: 04/18/2005
Date Data Arrived at EDR: 04/18/2005
Date Made Active in Reports: 05/06/2005
Number of Days to Update: 18

Source: Department of Toxic Substance Control
Telephone: 916-327-4498
Last EDR Contact: 07/17/2006
Next Scheduled EDR Contact: 10/02/2006
Data Release Frequency: Annually

WIP: Well Investigation Program Case List

Well Investigation Program case in the San Gabriel and San Fernando Valley area.

Date of Government Version: 04/30/2006
Date Data Arrived at EDR: 05/04/2006
Date Made Active in Reports: 05/26/2006
Number of Days to Update: 22

Source: Los Angeles Water Quality Control Board
Telephone: 213-576-6726
Last EDR Contact: 07/24/2006
Next Scheduled EDR Contact: 10/23/2006
Data Release Frequency: Varies

CDL: Clandestine Drug Labs

A listing of drug lab locations. Listing of a location in this database does not indicate that any illegal drug lab materials were or were not present there, and does not constitute a determination that the location either requires or does not require additional cleanup work.

Date of Government Version: 05/17/2006
Date Data Arrived at EDR: 05/17/2006
Date Made Active in Reports: 06/15/2006
Number of Days to Update: 29

Source: Department of Toxic Substances Control
Telephone: 916-255-6504
Last EDR Contact: 07/24/2006
Next Scheduled EDR Contact: 10/23/2006
Data Release Frequency: Varies

HAZNET: Facility and Manifest Data

Facility and Manifest Data. The data is extracted from the copies of hazardous waste manifests received each year by the DTSC. The annual volume of manifests is typically 700,000 - 1,000,000 annually, representing approximately 350,000 - 500,000 shipments. Data are from the manifests submitted without correction, and therefore many contain some invalid values for data elements such as generator ID, TSD ID, waste category, and disposal method.

Date of Government Version: 12/31/2003
Date Data Arrived at EDR: 10/11/2005
Date Made Active in Reports: 10/31/2005
Number of Days to Update: 20

Source: California Environmental Protection Agency
Telephone: 916-255-1136
Last EDR Contact: 05/11/2006
Next Scheduled EDR Contact: 08/07/2006
Data Release Frequency: Annually

EMI: Emissions Inventory Data

Toxics and criteria pollutant emissions data collected by the ARB and local air pollution agencies.

Date of Government Version: 12/31/2004
Date Data Arrived at EDR: 04/14/2006
Date Made Active in Reports: 05/11/2006
Number of Days to Update: 27

Source: California Air Resources Board
Telephone: 916-322-2990
Last EDR Contact: 07/21/2006
Next Scheduled EDR Contact: 10/16/2006
Data Release Frequency: Varies

TRIBAL RECORDS

INDIAN RESERV: Indian Reservations

This map layer portrays Indian administered lands of the United States that have any area equal to or greater than 640 acres.

Date of Government Version: 12/31/2004
Date Data Arrived at EDR: 02/08/2005
Date Made Active in Reports: 08/04/2005
Number of Days to Update: 177

Source: USGS
Telephone: 202-208-3710
Last EDR Contact: 05/12/2006
Next Scheduled EDR Contact: 08/07/2006
Data Release Frequency: Semi-Annually

INDIAN LUST: Leaking Underground Storage Tanks on Indian Land

LUSTs on Indian land in Alaska, Idaho, Oregon and Washington.

Date of Government Version: 09/07/2005
Date Data Arrived at EDR: 09/08/2005
Date Made Active in Reports: 10/31/2005
Number of Days to Update: 53

Source: EPA Region 10
Telephone: 206-553-2857
Last EDR Contact: 05/23/2006
Next Scheduled EDR Contact: 08/21/2006
Data Release Frequency: Varies

INDIAN LUST: Leaking Underground Storage Tanks on Indian Land

LUSTs on Indian land in Arizona, California, New Mexico and Nevada

Date of Government Version: 06/01/2006
Date Data Arrived at EDR: 06/23/2006
Date Made Active in Reports: 07/27/2006
Number of Days to Update: 34

Source: Environmental Protection Agency
Telephone: 415-972-3372
Last EDR Contact: 02/20/2006
Next Scheduled EDR Contact: 05/22/2006
Data Release Frequency: Varies

INDIAN UST: Underground Storage Tanks on Indian Land

Date of Government Version: 06/01/2006
Date Data Arrived at EDR: 06/23/2006
Date Made Active in Reports: 07/27/2006
Number of Days to Update: 34

Source: EPA Region 9
Telephone: 415-972-3368
Last EDR Contact: 05/23/2006
Next Scheduled EDR Contact: 08/21/2006
Data Release Frequency: Varies

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

EDR PROPRIETARY RECORDS

Manufactured Gas Plants: EDR Proprietary Manufactured Gas Plants

The EDR Proprietary Manufactured Gas Plant Database includes records of coal gas plants (manufactured gas plants) compiled by EDR's researchers. Manufactured gas sites were used in the United States from the 1800's to 1950's to produce a gas that could be distributed and used as fuel. These plants used whale oil, rosin, coal, or a mixture of coal, oil, and water that also produced a significant amount of waste. Many of the byproducts of the gas production, such as coal tar (oily waste containing volatile and non-volatile chemicals), sludges, oils and other compounds are potentially hazardous to human health and the environment. The byproduct from this process was frequently disposed of directly at the plant site and can remain or spread slowly, serving as a continuous source of soil and groundwater contamination.

Date of Government Version: N/A
Date Data Arrived at EDR: N/A
Date Made Active in Reports: N/A
Number of Days to Update: N/A

Source: EDR, Inc.
Telephone: N/A
Last EDR Contact: N/A
Next Scheduled EDR Contact: N/A
Data Release Frequency: No Update Planned

EDR Historical Auto Stations: EDR Proprietary Historic Gas Stations

EDR has searched selected national collections of business directories and has collected listings of potential gas station/filling station/service station sites that were available to EDR researchers. EDR's review was limited to those categories of sources that might, in EDR's opinion, include gas station/filling station/service station establishments. The categories reviewed included, but were not limited to gas, gas station, gasoline station, filling station, auto, automobile repair, auto service station, service station, etc.

Date of Government Version: N/A
Date Data Arrived at EDR: N/A
Date Made Active in Reports: N/A
Number of Days to Update: N/A

Source: EDR, Inc.
Telephone: N/A
Last EDR Contact: N/A
Next Scheduled EDR Contact: N/A
Data Release Frequency: Varies

EDR Historical Cleaners: EDR Proprietary Historic Dry Cleaners

EDR has searched selected national collections of business directories and has collected listings of potential dry cleaner sites that were available to EDR researchers. EDR's review was limited to those categories of sources that might, in EDR's opinion, include dry cleaning establishments. The categories reviewed included, but were not limited to dry cleaners, cleaners, laundry, laundromat, cleaning/laundry, wash & dry etc.

Date of Government Version: N/A
Date Data Arrived at EDR: N/A
Date Made Active in Reports: N/A
Number of Days to Update: N/A

Source: EDR, Inc.
Telephone: N/A
Last EDR Contact: N/A
Next Scheduled EDR Contact: N/A
Data Release Frequency: Varies

COUNTY RECORDS

ALAMEDA COUNTY:

Contaminated Sites

A listing of contaminated sites overseen by the Toxic Release Program (oil and groundwater contamination from chemical releases and spills) and the Leaking Underground Storage Tank Program (soil and ground water contamination from leaking petroleum USTs).

Date of Government Version: 05/23/2006
Date Data Arrived at EDR: 05/24/2006
Date Made Active in Reports: 06/15/2006
Number of Days to Update: 22

Source: Alameda County Environmental Health Services
Telephone: 510-567-6700
Last EDR Contact: 07/24/2006
Next Scheduled EDR Contact: 10/23/2006
Data Release Frequency: Semi-Annually

Underground Tanks

Date of Government Version: 05/23/2006
Date Data Arrived at EDR: 05/24/2006
Date Made Active in Reports: 06/29/2006
Number of Days to Update: 36

Source: Alameda County Environmental Health Services
Telephone: 510-567-6700
Last EDR Contact: 07/24/2006
Next Scheduled EDR Contact: 10/23/2006
Data Release Frequency: Semi-Annually

CONTRA COSTA COUNTY:

Site List

List includes sites from the underground tank, hazardous waste generator and business plan/2185 programs.

Date of Government Version: 06/09/2006
Date Data Arrived at EDR: 06/09/2006
Date Made Active in Reports: 07/27/2006
Number of Days to Update: 48

Source: Contra Costa Health Services Department
Telephone: 925-646-2286
Last EDR Contact: 05/30/2006
Next Scheduled EDR Contact: 05/29/2006
Data Release Frequency: Semi-Annually

FRESNO COUNTY:

CUPA Resources List

Certified Unified Program Agency. CUPA's are responsible for implementing a unified hazardous materials and hazardous waste management regulatory program. The agency provides oversight of businesses that deal with hazardous materials, operate underground storage tanks or aboveground storage tanks.

Date of Government Version: 07/11/2006
Date Data Arrived at EDR: 07/12/2006
Date Made Active in Reports: 07/27/2006
Number of Days to Update: 15

Source: Dept. of Community Health
Telephone: 559-445-3271
Last EDR Contact: 07/10/2006
Next Scheduled EDR Contact: 11/06/2006
Data Release Frequency: Semi-Annually

KERN COUNTY:

Underground Storage Tank Sites & Tank Listing

Kern County Sites and Tanks Listing.

Date of Government Version: 06/23/2006
Date Data Arrived at EDR: 06/23/2006
Date Made Active in Reports: 07/26/2006
Number of Days to Update: 33

Source: Kern County Environment Health Services Department
Telephone: 661-862-8700
Last EDR Contact: 06/23/2006
Next Scheduled EDR Contact: 09/04/2006
Data Release Frequency: Quarterly

LOS ANGELES COUNTY:

San Gabriel Valley Areas of Concern

San Gabriel Valley areas where VOC contamination is at or above the MCL as designated by region 9 EPA office.

Date of Government Version: 12/31/1998
Date Data Arrived at EDR: 07/07/1999
Date Made Active in Reports: N/A
Number of Days to Update: 0

Source: EPA Region 9
Telephone: 415-972-3178
Last EDR Contact: 05/16/2006
Next Scheduled EDR Contact: N/A
Data Release Frequency: No Update Planned

City of El Segundo Underground Storage Tank

Date of Government Version: 05/30/2006
Date Data Arrived at EDR: 05/31/2006
Date Made Active in Reports: 06/14/2006
Number of Days to Update: 14

Source: City of El Segundo Fire Department
Telephone: 310-524-2236
Last EDR Contact: 05/30/2006
Next Scheduled EDR Contact: 08/14/2006
Data Release Frequency: Semi-Annually

City of Long Beach Underground Storage Tank

Date of Government Version: 03/28/2003
Date Data Arrived at EDR: 10/23/2003
Date Made Active in Reports: 11/26/2003
Number of Days to Update: 34

Source: City of Long Beach Fire Department
Telephone: 562-570-2563
Last EDR Contact: 05/23/2006
Next Scheduled EDR Contact: 08/21/2006
Data Release Frequency: Annually

City of Torrance Underground Storage Tank

Date of Government Version: 05/06/2006
Date Data Arrived at EDR: 05/31/2006
Date Made Active in Reports: 06/14/2006
Number of Days to Update: 14

Source: City of Torrance Fire Department
Telephone: 310-618-2973
Last EDR Contact: 05/30/2006
Next Scheduled EDR Contact: 08/14/2006
Data Release Frequency: Semi-Annually

HMS: Street Number List

Industrial Waste and Underground Storage Tank Sites.

Date of Government Version: 01/31/2006
Date Data Arrived at EDR: 03/24/2006
Date Made Active in Reports: 04/13/2006
Number of Days to Update: 20

Source: Department of Public Works
Telephone: 626-458-3517
Last EDR Contact: 05/15/2006
Next Scheduled EDR Contact: 08/14/2006
Data Release Frequency: Semi-Annually

List of Solid Waste Facilities

Date of Government Version: 05/16/2006
Date Data Arrived at EDR: 05/30/2006
Date Made Active in Reports: 06/15/2006
Number of Days to Update: 16

Source: La County Department of Public Works
Telephone: 818-458-5185
Last EDR Contact: 05/18/2006
Next Scheduled EDR Contact: 08/14/2006
Data Release Frequency: Varies

City of Los Angeles Landfills

Date of Government Version: 03/01/2006
Date Data Arrived at EDR: 04/06/2006
Date Made Active in Reports: 05/11/2006
Number of Days to Update: 35

Source: Engineering & Construction Division
Telephone: 213-473-7869
Last EDR Contact: 06/12/2006
Next Scheduled EDR Contact: 09/11/2006
Data Release Frequency: Varies

Site Mitigation List

Industrial sites that have had some sort of spill or complaint.

Date of Government Version: 01/05/2006
Date Data Arrived at EDR: 02/16/2006
Date Made Active in Reports: 03/13/2006
Number of Days to Update: 25

Source: Community Health Services
Telephone: 323-890-7806
Last EDR Contact: 05/15/2006
Next Scheduled EDR Contact: 08/14/2006
Data Release Frequency: Annually

MARIN COUNTY:

Underground Storage Tank Sites

Currently permitted USTs in Marin County.

Date of Government Version: 05/09/2006
Date Data Arrived at EDR: 06/06/2006
Date Made Active in Reports: 07/26/2006
Number of Days to Update: 50

Source: Public Works Department Waste Management
Telephone: 415-499-6647
Last EDR Contact: 07/31/2006
Next Scheduled EDR Contact: 10/30/2006
Data Release Frequency: Semi-Annually

NAPA COUNTY:

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Sites With Reported Contamination

Date of Government Version: 06/28/2006
Date Data Arrived at EDR: 06/29/2006
Date Made Active in Reports: 07/27/2006
Number of Days to Update: 28

Source: Napa County Department of Environmental Management
Telephone: 707-253-4269
Last EDR Contact: 06/26/2006
Next Scheduled EDR Contact: 09/25/2006
Data Release Frequency: Semi-Annually

Closed and Operating Underground Storage Tank Sites

Date of Government Version: 06/28/2006
Date Data Arrived at EDR: 06/29/2006
Date Made Active in Reports: 07/26/2006
Number of Days to Update: 27

Source: Napa County Department of Environmental Management
Telephone: 707-253-4269
Last EDR Contact: 06/26/2006
Next Scheduled EDR Contact: 09/25/2006
Data Release Frequency: Annually

ORANGE COUNTY:

List of Industrial Site Cleanups

Petroleum and non-petroleum spills.

Date of Government Version: 06/01/2006
Date Data Arrived at EDR: 06/21/2006
Date Made Active in Reports: 07/27/2006
Number of Days to Update: 36

Source: Health Care Agency
Telephone: 714-834-3446
Last EDR Contact: 06/07/2006
Next Scheduled EDR Contact: 09/04/2006
Data Release Frequency: Annually

List of Underground Storage Tank Cleanups

Orange County Underground Storage Tank Cleanups (LUST).

Date of Government Version: 06/01/2006
Date Data Arrived at EDR: 06/19/2006
Date Made Active in Reports: 07/27/2006
Number of Days to Update: 38

Source: Health Care Agency
Telephone: 714-834-3446
Last EDR Contact: 06/07/2006
Next Scheduled EDR Contact: 09/04/2006
Data Release Frequency: Quarterly

List of Underground Storage Tank Facilities

Orange County Underground Storage Tank Facilities (UST).

Date of Government Version: 06/01/2006
Date Data Arrived at EDR: 06/19/2006
Date Made Active in Reports: 07/26/2006
Number of Days to Update: 37

Source: Health Care Agency
Telephone: 714-834-3446
Last EDR Contact: 06/07/2006
Next Scheduled EDR Contact: 09/04/2006
Data Release Frequency: Quarterly

PLACER COUNTY:

Master List of Facilities

List includes aboveground tanks, underground tanks and cleanup sites.

Date of Government Version: 04/03/2006
Date Data Arrived at EDR: 04/04/2006
Date Made Active in Reports: 04/13/2006
Number of Days to Update: 9

Source: Placer County Health and Human Services
Telephone: 530-889-7312
Last EDR Contact: 03/20/2006
Next Scheduled EDR Contact: 06/19/2006
Data Release Frequency: Semi-Annually

RIVERSIDE COUNTY:

Underground Storage Tank Tank List

Date of Government Version: 05/19/2006
Date Data Arrived at EDR: 05/19/2006
Date Made Active in Reports: 06/14/2006
Number of Days to Update: 26

Source: Health Services Agency
Telephone: 951-358-5055
Last EDR Contact: 07/17/2006
Next Scheduled EDR Contact: 10/16/2006
Data Release Frequency: Quarterly

Listing of Underground Tank Cleanup Sites

Riverside County Underground Storage Tank Cleanup Sites (LUST).

Date of Government Version: 05/19/2006
Date Data Arrived at EDR: 05/19/2006
Date Made Active in Reports: 06/15/2006
Number of Days to Update: 27

Source: Department of Public Health
Telephone: 951-358-5055
Last EDR Contact: 07/17/2006
Next Scheduled EDR Contact: 10/16/2006
Data Release Frequency: Quarterly

SACRAMENTO COUNTY:

CS - Contaminated Sites

Date of Government Version: 05/09/2006
Date Data Arrived at EDR: 05/30/2006
Date Made Active in Reports: 06/15/2006
Number of Days to Update: 16

Source: Sacramento County Environmental Management
Telephone: 916-875-8406
Last EDR Contact: 08/02/2006
Next Scheduled EDR Contact: 10/30/2006
Data Release Frequency: Quarterly

ML - Regulatory Compliance Master List

Any business that has hazardous materials on site - hazardous material storage sites, underground storage tanks, waste generators.

Date of Government Version: 05/09/2006
Date Data Arrived at EDR: 05/30/2006
Date Made Active in Reports: 07/06/2006
Number of Days to Update: 37

Source: Sacramento County Environmental Management
Telephone: 916-875-8406
Last EDR Contact: 08/02/2006
Next Scheduled EDR Contact: 10/30/2006
Data Release Frequency: Quarterly

SAN BERNARDINO COUNTY:

Hazardous Material Permits

This listing includes underground storage tanks, medical waste handlers/generators, hazardous materials handlers, hazardous waste generators, and waste oil generators/handlers.

Date of Government Version: 06/23/2006
Date Data Arrived at EDR: 06/23/2006
Date Made Active in Reports: 07/27/2006
Number of Days to Update: 34

Source: San Bernardino County Fire Department Hazardous Materials Division
Telephone: 909-387-3041
Last EDR Contact: 06/05/2006
Next Scheduled EDR Contact: 09/04/2006
Data Release Frequency: Quarterly

SAN DIEGO COUNTY:

Hazardous Materials Management Division Database

The database includes: HE58 - This report contains the business name, site address, business phone number, establishment 'H' permit number, type of permit, and the business status. HE17 - In addition to providing the same information provided in the HE58 listing, HE17 provides inspection dates, violations received by the establishment, hazardous waste generated, the quantity, method of storage, treatment/disposal of waste and the hauler, and information on underground storage tanks. Unauthorized Release List - Includes a summary of environmental contamination cases in San Diego County (underground tank cases, non-tank cases, groundwater contamination, and soil contamination are included.)

Date of Government Version: 05/16/2005
Date Data Arrived at EDR: 05/18/2005
Date Made Active in Reports: 06/16/2005
Number of Days to Update: 29

Source: Hazardous Materials Management Division
Telephone: 619-338-2268
Last EDR Contact: 07/07/2006
Next Scheduled EDR Contact: 10/02/2006
Data Release Frequency: Quarterly

Solid Waste Facilities

San Diego County Solid Waste Facilities.

Date of Government Version: 11/01/2005
Date Data Arrived at EDR: 12/29/2005
Date Made Active in Reports: 01/19/2006
Number of Days to Update: 21

Source: Department of Health Services
Telephone: 619-338-2209
Last EDR Contact: 06/06/2006
Next Scheduled EDR Contact: 08/21/2006
Data Release Frequency: Varies

SAN FRANCISCO COUNTY:

Local Oversite Facilities

Date of Government Version: 06/19/2006
Date Data Arrived at EDR: 06/21/2006
Date Made Active in Reports: 07/27/2006
Number of Days to Update: 36

Source: Department Of Public Health San Francisco County
Telephone: 415-252-3920
Last EDR Contact: 06/19/2006
Next Scheduled EDR Contact: 09/04/2006
Data Release Frequency: Quarterly

Underground Storage Tank Information

Date of Government Version: 06/19/2006
Date Data Arrived at EDR: 06/21/2006
Date Made Active in Reports: 07/26/2006
Number of Days to Update: 35

Source: Department of Public Health
Telephone: 415-252-3920
Last EDR Contact: 06/19/2006
Next Scheduled EDR Contact: 09/04/2006
Data Release Frequency: Quarterly

SAN JOAQUIN COUNTY:

San Joaquin Co. UST

A listing of underground storage tank locations in San Joaquin county.

Date of Government Version: 02/28/2006
Date Data Arrived at EDR: 03/17/2006
Date Made Active in Reports: 04/13/2006
Number of Days to Update: 27

Source: Environmental Health Department
Telephone: N/A
Last EDR Contact: 07/17/2006
Next Scheduled EDR Contact: 10/16/2006
Data Release Frequency: Semi-Annually

SAN MATEO COUNTY:

Business Inventory

List includes Hazardous Materials Business Plan, hazardous waste generators, and underground storage tanks.

Date of Government Version: 05/02/2006
Date Data Arrived at EDR: 05/02/2006
Date Made Active in Reports: 05/26/2006
Number of Days to Update: 24

Source: San Mateo County Environmental Health Services Division
Telephone: 650-363-1921
Last EDR Contact: 07/24/2006
Next Scheduled EDR Contact: 10/09/2006
Data Release Frequency: Annually

Fuel Leak List

Date of Government Version: 04/17/2006
Date Data Arrived at EDR: 04/24/2006
Date Made Active in Reports: 05/11/2006
Number of Days to Update: 17

Source: San Mateo County Environmental Health Services Division
Telephone: 650-363-1921
Last EDR Contact: 07/27/2006
Next Scheduled EDR Contact: 10/09/2006
Data Release Frequency: Semi-Annually

SANTA CLARA COUNTY:

Fuel Leak Site Activity Report

A listing of open and closed leaking underground storage tanks. This listing is no longer updated by the county. Leaking underground storage tanks are now handled by the Department of Environmental Health.

Date of Government Version: 03/29/2005
Date Data Arrived at EDR: 03/30/2005
Date Made Active in Reports: 04/21/2005
Number of Days to Update: 22

Source: Santa Clara Valley Water District
Telephone: 408-265-2600
Last EDR Contact: 06/26/2006
Next Scheduled EDR Contact: 09/25/2006
Data Release Frequency: No Update Planned

LOP Listing

A listing of open leaking underground storage tanks.

Date of Government Version: 03/29/2006
Date Data Arrived at EDR: 03/30/2006
Date Made Active in Reports: 04/13/2006
Number of Days to Update: 14

Source: Department of Environmental Health
Telephone: 408-918-3417
Last EDR Contact: 07/10/2006
Next Scheduled EDR Contact: 09/25/2006
Data Release Frequency: Varies

Hazardous Material Facilities

Date of Government Version: 07/03/2006
Date Data Arrived at EDR: 07/05/2006
Date Made Active in Reports: 07/27/2006
Number of Days to Update: 22

Source: City of San Jose Fire Department
Telephone: 408-277-4659
Last EDR Contact: 06/30/2006
Next Scheduled EDR Contact: 09/04/2006
Data Release Frequency: Annually

SOLANO COUNTY:

Leaking Underground Storage Tanks

Date of Government Version: 04/10/2006
Date Data Arrived at EDR: 04/10/2006
Date Made Active in Reports: 05/11/2006
Number of Days to Update: 31

Source: Solano County Department of Environmental Management
Telephone: 707-784-6770
Last EDR Contact: 06/26/2006
Next Scheduled EDR Contact: 09/25/2006
Data Release Frequency: Quarterly

Underground Storage Tanks

Date of Government Version: 04/25/2006
Date Data Arrived at EDR: 05/08/2006
Date Made Active in Reports: 06/14/2006
Number of Days to Update: 37

Source: Solano County Department of Environmental Management
Telephone: 707-784-6770
Last EDR Contact: 06/26/2006
Next Scheduled EDR Contact: 09/25/2006
Data Release Frequency: Quarterly

SONOMA COUNTY:

Leaking Underground Storage Tank Sites

Date of Government Version: 04/27/2006
Date Data Arrived at EDR: 04/27/2006
Date Made Active in Reports: 05/26/2006
Number of Days to Update: 29

Source: Department of Health Services
Telephone: 707-565-6565
Last EDR Contact: 07/24/2006
Next Scheduled EDR Contact: 10/23/2006
Data Release Frequency: Quarterly

SUTTER COUNTY:

Underground Storage Tanks

Date of Government Version: 12/31/0005
Date Data Arrived at EDR: 01/05/2006
Date Made Active in Reports: 01/31/2006
Number of Days to Update: 26

Source: Sutter County Department of Agriculture
Telephone: 530-822-7500
Last EDR Contact: 07/31/2006
Next Scheduled EDR Contact: 10/02/2006
Data Release Frequency: Semi-Annually

VENTURA COUNTY:

Business Plan, Hazardous Waste Producers, and Operating Underground Tanks

The BWT list indicates by site address whether the Environmental Health Division has Business Plan (B), Waste Producer (W), and/or Underground Tank (T) information.

Date of Government Version: 05/30/2006
Date Data Arrived at EDR: 06/28/2006
Date Made Active in Reports: 07/27/2006
Number of Days to Update: 29

Source: Ventura County Environmental Health Division
Telephone: 805-654-2813
Last EDR Contact: 06/14/2006
Next Scheduled EDR Contact: 09/11/2006
Data Release Frequency: Quarterly

Inventory of Illegal Abandoned and Inactive Sites

Ventura County Inventory of Closed, Illegal Abandoned, and Inactive Sites.

Date of Government Version: 08/01/2005
Date Data Arrived at EDR: 09/20/2005
Date Made Active in Reports: 10/06/2005
Number of Days to Update: 16

Source: Environmental Health Division
Telephone: 805-654-2813
Last EDR Contact: 05/23/2006
Next Scheduled EDR Contact: 08/21/2006
Data Release Frequency: Annually

Listing of Underground Tank Cleanup Sites

Ventura County Underground Storage Tank Cleanup Sites (LUST).

Date of Government Version: 05/30/2006
Date Data Arrived at EDR: 07/10/2006
Date Made Active in Reports: 07/27/2006
Number of Days to Update: 17

Source: Environmental Health Division
Telephone: 805-654-2813
Last EDR Contact: 06/30/2006
Next Scheduled EDR Contact: 09/11/2006
Data Release Frequency: Quarterly

Underground Tank Closed Sites List

Ventura County Operating Underground Storage Tank Sites (UST)/Underground Tank Closed Sites List.

Date of Government Version: 02/24/2006
Date Data Arrived at EDR: 04/27/2006
Date Made Active in Reports: 05/22/2006
Number of Days to Update: 25

Source: Environmental Health Division
Telephone: 805-654-2813
Last EDR Contact: 04/11/2006
Next Scheduled EDR Contact: 07/10/2006
Data Release Frequency: Quarterly

YOLO COUNTY:

Underground Storage Tank Comprehensive Facility Report

Date of Government Version: 04/17/2006
Date Data Arrived at EDR: 05/11/2006
Date Made Active in Reports: 06/14/2006
Number of Days to Update: 34

Source: Yolo County Department of Health
Telephone: 530-666-8646
Last EDR Contact: 07/17/2006
Next Scheduled EDR Contact: 10/16/2006
Data Release Frequency: Annually

OTHER DATABASE(S)

Depending on the geographic area covered by this report, the data provided in these specialty databases may or may not be complete. For example, the existence of wetlands information data in a specific report does not mean that all wetlands in the area covered by the report are included. Moreover, the absence of any reported wetlands information does not necessarily mean that wetlands do not exist in the area covered by the report.

CT MANIFEST: Hazardous Waste Manifest Data
Facility and manifest data. Manifest is a document that lists and tracks hazardous waste from the generator through transporters to a tsd facility.

Date of Government Version: 12/31/2004
Date Data Arrived at EDR: 02/17/2006
Date Made Active in Reports: 04/07/2006
Number of Days to Update: 49

Source: Department of Environmental Protection
Telephone: 860-424-3375
Last EDR Contact: 06/14/2006
Next Scheduled EDR Contact: 09/11/2006
Data Release Frequency: Annually

NJ MANIFEST: Manifest Information
Hazardous waste manifest information.

Date of Government Version: 06/01/2006
Date Data Arrived at EDR: 07/06/2006
Date Made Active in Reports: 08/01/2006
Number of Days to Update: 26

Source: Department of Environmental Protection
Telephone: N/A
Last EDR Contact: 07/05/2006
Next Scheduled EDR Contact: 10/02/2006
Data Release Frequency: Annually

NY MANIFEST: Facility and Manifest Data
Manifest is a document that lists and tracks hazardous waste from the generator through transporters to a TSD facility.

Date of Government Version: 05/02/2006
Date Data Arrived at EDR: 05/31/2006
Date Made Active in Reports: 06/27/2006
Number of Days to Update: 27

Source: Department of Environmental Conservation
Telephone: 518-402-8651
Last EDR Contact: 05/31/2006
Next Scheduled EDR Contact: 08/28/2006
Data Release Frequency: Annually

PA MANIFEST: Manifest Information
Hazardous waste manifest information.

Date of Government Version: 12/31/2005
Date Data Arrived at EDR: 05/04/2006
Date Made Active in Reports: 06/06/2006
Number of Days to Update: 33

Source: Department of Environmental Protection
Telephone: N/A
Last EDR Contact: 06/12/2006
Next Scheduled EDR Contact: 09/11/2006
Data Release Frequency: Annually

RI MANIFEST: Manifest information
Hazardous waste manifest information

Date of Government Version: 09/30/2005
Date Data Arrived at EDR: 05/09/2006
Date Made Active in Reports: 05/24/2006
Number of Days to Update: 15

Source: Department of Environmental Management
Telephone: 401-222-2797
Last EDR Contact: 06/19/2006
Next Scheduled EDR Contact: 09/18/2006
Data Release Frequency: Annually

WI MANIFEST: Manifest Information
Hazardous waste manifest information.

Date of Government Version: 12/31/2005
Date Data Arrived at EDR: 03/17/2006
Date Made Active in Reports: 05/02/2006
Number of Days to Update: 46

Source: Department of Natural Resources
Telephone: N/A
Last EDR Contact: 07/25/2006
Next Scheduled EDR Contact: 10/09/2006
Data Release Frequency: Annually

Oil/Gas Pipelines: This data was obtained by EDR from the USGS in 1994. It is referred to by USGS as GeoData Digital Line Graphs from 1:100,000-Scale Maps. It was extracted from the transportation category including some oil, but primarily gas pipelines.

Electric Power Transmission Line Data
Source: PennWell Corporation
Telephone: (800) 823-6277
This map includes information copyrighted by PennWell Corporation. This information is provided on a best effort basis and PennWell Corporation does not guarantee its accuracy nor warrant its fitness for any particular purpose. Such information has been reprinted with the permission of PennWell.

Sensitive Receptors: There are individuals deemed sensitive receptors due to their fragile immune systems and special sensitivity to environmental discharges. These sensitive receptors typically include the elderly, the sick, and children. While the location of all sensitive receptors cannot be determined, EDR indicates those buildings and facilities - schools, daycares, hospitals, medical centers, and nursing homes - where individuals who are sensitive receptors are likely to be located.

AHA Hospitals:
Source: American Hospital Association, Inc.
Telephone: 312-280-5991
The database includes a listing of hospitals based on the American Hospital Association's annual survey of hospitals.

Medical Centers: Provider of Services Listing
Source: Centers for Medicare & Medicaid Services
Telephone: 410-786-3000
A listing of hospitals with Medicare provider number, produced by Centers of Medicare & Medicaid Services, a federal agency within the U.S. Department of Health and Human Services.

Nursing Homes
Source: National Institutes of Health
Telephone: 301-594-6248
Information on Medicare and Medicaid certified nursing homes in the United States.

Public Schools
Source: National Center for Education Statistics
Telephone: 202-502-7300
The National Center for Education Statistics' primary database on elementary and secondary public education in the United States. It is a comprehensive, annual, national statistical database of all public elementary and secondary schools and school districts, which contains data that are comparable across all states.

Private Schools
Source: National Center for Education Statistics
Telephone: 202-502-7300
The National Center for Education Statistics' primary database on private school locations in the United States.

Daycare Centers: Licensed Facilities
Source: Department of Social Services
Telephone: 916-657-4041

Flood Zone Data: This data, available in select counties across the country, was obtained by EDR in 1999 from the Federal Emergency Management Agency (FEMA). Data depicts 100-year and 500-year flood zones as defined by FEMA.

NWI: National Wetlands Inventory. This data, available in select counties across the country, was obtained by EDR in 2002 and 2005 from the U.S. Fish and Wildlife Service.

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Scanned Digital USGS 7.5' Topographic Map (DRG)

Source: United States Geologic Survey

A digital raster graphic (DRG) is a scanned image of a U.S. Geological Survey topographic map. The map images are made by scanning published paper maps on high-resolution scanners. The raster image is georeferenced and fit to the Universal Transverse Mercator (UTM) projection.

STREET AND ADDRESS INFORMATION

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GEOCHECK ®- PHYSICAL SETTING SOURCE ADDENDUM

TARGET PROPERTY ADDRESS

BARBER LANE PROJECT
BELLEW DRIVE/BARBER LANE
MILPITAS, CA 95035

TARGET PROPERTY COORDINATES

Latitude (North):	37.42030 - 37° 25' 13.1"
Longitude (West):	121.9161 - 121° 54' 58.0"
Universal Tranverse Mercator:	Zone 10
UTM X (Meters):	595911.6
UTM Y (Meters):	4141846.2
Elevation:	24 ft. above sea level

USGS TOPOGRAPHIC MAP

Target Property Map:	37121-D8 MILPITAS, CA
Most Recent Revision:	1980

EDR's GeoCheck Physical Setting Source Addendum is provided to assist the environmental professional in forming an opinion about the impact of potential contaminant migration.

Assessment of the impact of contaminant migration generally has two principle investigative components:

1. Groundwater flow direction, and
2. Groundwater flow velocity.

Groundwater flow direction may be impacted by surface topography, hydrology, hydrogeology, characteristics of the soil, and nearby wells. Groundwater flow velocity is generally impacted by the nature of the geologic strata.

GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

GROUNDWATER FLOW DIRECTION INFORMATION

Groundwater flow direction for a particular site is best determined by a qualified environmental professional using site-specific well data. If such data is not reasonably ascertainable, it may be necessary to rely on other sources of information, such as surface topographic information, hydrologic information, hydrogeologic data collected on nearby properties, and regional groundwater flow information (from deep aquifers).

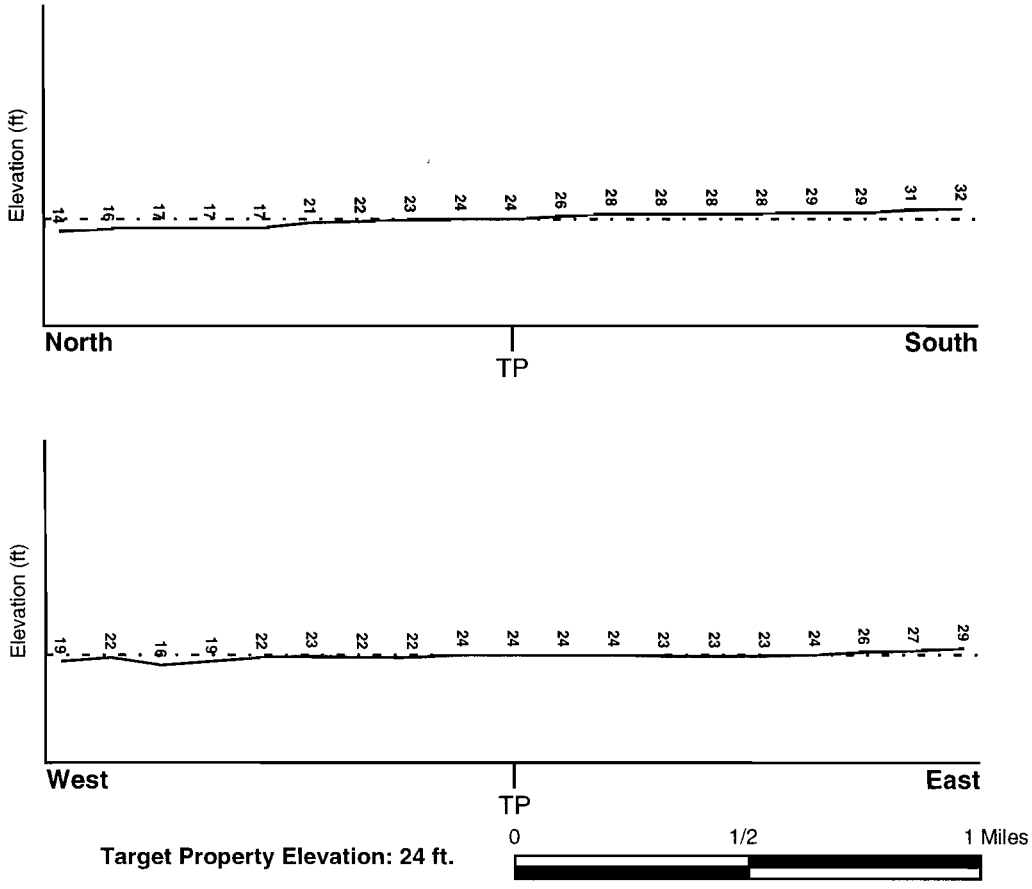
TOPOGRAPHIC INFORMATION

Surface topography may be indicative of the direction of surficial groundwater flow. This information can be used to assist the environmental professional in forming an opinion about the impact of nearby contaminated properties or, should contamination exist on the target property, what downgradient sites might be impacted.

TARGET PROPERTY TOPOGRAPHY

General Topographic Gradient: General NNW

SURROUNDING TOPOGRAPHY: ELEVATION PROFILES



Source: Topography has been determined from the USGS 7.5' Digital Elevation Model and should be evaluated on a relative (not an absolute) basis. Relative elevation information between sites of close proximity should be field verified.

GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

HYDROLOGIC INFORMATION

Surface water can act as a hydrologic barrier to groundwater flow. Such hydrologic information can be used to assist the environmental professional in forming an opinion about the impact of nearby contaminated properties or, should contamination exist on the target property, what downgradient sites might be impacted.

Refer to the Physical Setting Source Map following this summary for hydrologic information (major waterways and bodies of water).

FEMA FLOOD ZONE

Target Property County	FEMA Flood Electronic Data
SANTA CLARA, CA	YES - refer to the Overview Map and Detail Map

Flood Plain Panel at Target Property:	0603440003F
Additional Panels in search area:	0603440001F 0603370070F 0603490008F

NATIONAL WETLAND INVENTORY

NWI Quad at Target Property	NWI Electronic Data Coverage
MILPITAS	YES - refer to the Overview Map and Detail Map

HYDROGEOLOGIC INFORMATION

Hydrogeologic information obtained by installation of wells on a specific site can often be an indicator of groundwater flow direction in the immediate area. Such hydrogeologic information can be used to assist the environmental professional in forming an opinion about the impact of nearby contaminated properties or, should contamination exist on the target property, what downgradient sites might be impacted.

Site-Specific Hydrogeological Data*:

Search Radius:	1.25 miles
Status:	Not found

AQUIFLOW®

Search Radius: 1.000 Mile.

EDR has developed the AQUIFLOW Information System to provide data on the general direction of groundwater flow at specific points. EDR has reviewed reports submitted by environmental professionals to regulatory authorities at select sites and has extracted the date of the report, groundwater flow direction as determined hydrogeologically, and the depth to water table.

MAP ID	LOCATION FROM TP	GENERAL DIRECTION GROUNDWATER FLOW
Not Reported		

* ©1996 Site-specific hydrogeological data gathered by CERCLIS Alerts, Inc., Bainbridge Island, WA. All rights reserved. All of the information and opinions presented are those of the cited EPA report(s), which were completed under a Comprehensive Environmental Response Compensation and Liability Information System (CERCLIS) investigation.

GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

GROUNDWATER FLOW VELOCITY INFORMATION

Groundwater flow velocity information for a particular site is best determined by a qualified environmental professional using site specific geologic and soil strata data. If such data are not reasonably ascertainable, it may be necessary to rely on other sources of information, including geologic age identification, rock stratigraphic unit and soil characteristics data collected on nearby properties and regional soil information. In general, contaminant plumes move more quickly through sandy-gravelly types of soils than silty-clayey types of soils.

GEOLOGIC INFORMATION IN GENERAL AREA OF TARGET PROPERTY

Geologic information can be used by the environmental professional in forming an opinion about the relative speed at which contaminant migration may be occurring.

ROCK STRATIGRAPHIC UNIT

Era:	Cenozoic
System:	Quaternary
Series:	Quaternary
Code:	Q *(decoded above as Era, System & Series)*

GEOLOGIC AGE IDENTIFICATION

Category: Stratifed Sequence

Geologic Age and Rock Stratigraphic Unit Source: P.G. Schruben, R.E. Arndt and W.J. Bawiec, Geology of the Conterminous U.S. at 1:2,500,000 Scale - a digital representation of the 1974 P.B. King and H.M. Beikman Map, USGS Digital Data Series DDS - 11 (1994).

DOMINANT SOIL COMPOSITION IN GENERAL AREA OF TARGET PROPERTY

The U.S. Department of Agriculture's (USDA) Soil Conservation Service (SCS) leads the National Cooperative Soil Survey (NCSS) and is responsible for collecting, storing, maintaining and distributing soil survey information for privately owned lands in the United States. A soil map in a soil survey is a representation of soil patterns in a landscape. Soil maps for STATSGO are compiled by generalizing more detailed (SSURGO) soil survey maps. The following information is based on Soil Conservation Service STATSGO data.

Soil Component Name:	CLEAR LAKE
Soil Surface Texture:	clay
Hydrologic Group:	Class D - Very slow infiltration rates. Soils are clayey, have a high water table, or are shallow to an impervious layer.
Soil Drainage Class:	Not reported

Hydric Status: Soil does not meet the requirements for a hydric soil.

Corrosion Potential - Uncoated Steel:	HIGH
Depth to Bedrock Min:	> 60 inches
Depth to Bedrock Max:	> 60 inches

GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

Soil Layer Information							
	Boundary			Classification			
Layer	Upper	Lower	Soil Texture Class	AASHTO Group	Unified Soil	Permeability Rate (in/hr)	Soil Reaction (pH)
1	0 inches	13 inches	clay	Silt-Clay Materials (more than 35 pct. passing No. 200), Clayey Soils.	FINE-GRAINED SOILS, Silts and Clays (liquid limit 50% or more), Fat Clay.	Max: 0.20 Min: 0.06	Max: 8.40 Min: 6.10
2	13 inches	60 inches	clay	Silt-Clay Materials (more than 35 pct. passing No. 200), Clayey Soils.	FINE-GRAINED SOILS, Silts and Clays (liquid limit 50% or more), Fat Clay.	Max: 0.20 Min: 0.06	Max: 8.40 Min: 7.40

OTHER SOIL TYPES IN AREA

Based on Soil Conservation Service STATSGO data, the following additional subordinant soil types may appear within the general area of target property.

Soil Surface Textures:
silty clay loam
clay loam
loam
silt loam

Surficial Soil Types:
silty clay loam
clay loam
loam
silt loam

Shallow Soil Types:
clay
gravelly - sandy clay loam
clay loam
stratified

Deeper Soil Types:
clay loam
stratified
silty clay loam
sandy clay loam
loam
silty clay
weathered bedrock

LOCAL / REGIONAL WATER AGENCY RECORDS

EDR Local/Regional Water Agency records provide water well information to assist the environmental professional in assessing sources that may impact ground water flow direction, and in forming an opinion about the impact of contaminant migration on nearby drinking water wells.

GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

WELL SEARCH DISTANCE INFORMATION

DATABASE	SEARCH DISTANCE (miles)
Federal USGS	1.000
Federal FRDS PWS	Nearest PWS within 1 mile
State Database	1.000

FEDERAL USGS WELL INFORMATION

MAP ID	WELL ID	LOCATION FROM TP
No Wells Found		

FEDERAL FRDS PUBLIC WATER SUPPLY SYSTEM INFORMATION

MAP ID	WELL ID	LOCATION FROM TP
2	CA4300964	1/2 - 1 Mile NE

Note: PWS System location is not always the same as well location.

STATE DATABASE WELL INFORMATION

MAP ID	WELL ID	LOCATION FROM TP
1	6841	1/2 - 1 Mile NW
3	6821	1/2 - 1 Mile North
4	22467	1/2 - 1 Mile ENE

PHYSICAL SETTING SOURCE MAP - 1729095.2s

- County Boundary
- Major Roads
- Contour Lines
- Earthquake Fault Lines
- Earthquake epicenter, Richter 5 or greater
- Water Wells
- Public Water Supply Wells
- Cluster of Multiple Icons
- Groundwater Flow Direction
- Indeterminate Groundwater Flow at Location
- Groundwater Flow Varies at Location
- Closest Hydrogeological Data
- Oil, gas or related wells

SITE NAME: Barber Lane Project	CLIENT: TRC Lowney
ADDRESS: Bellew Drive/Barber Lane	CONTACT: Chris Vertin
Milpitas CA 95035	INQUIRY #: 1729095.2s
LAT/LONG: 37.4203 / 121.9161	DATE: August 04, 2006

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GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID
Direction
Distance
Elevation

	Database	EDR ID Number
1 **NW** **1/2 - 1 Mile** **Lower**	**CA WELLS**	**6841**

Water System Information:

Prime Station Code:	06S/01W-12G02 M	User ID:	43C
FRDS Number:	4300798001	County:	Santa Clara
District Number:	73	Station Type:	WELL/AMBNT/MUN/INTAKE
Water Type:	Well/Groundwater	Well Status:	Active Untreated
Source Lat/Long:	372532.0 1215517.0	Precision:	1,000 Feet (10 Seconds)
Source Name:	WELL 01		
System Number:	4300798		
System Name:	SHELL OIL SERVICE STATION		
Organization That Operates System:			
	1310 ALVISO MILPITAS RD. MILPITAS, CA 95035		
Pop Served:	100	Connections:	1
Area Served:	Not Reported		

	Database	EDR ID Number
2 **NE** **1/2 - 1 Mile** **Lower**	**FRDS PWS**	**CA4300964**

PWS ID:	CA4300964	PWS Status:	Active
Date Initiated:	9212	Date Deactivated:	Not Reported
PWS Name:	BFI BFI-THE RECYCLERY 1601 DIXON LANDING RD. MILPITAS, CA 95035		
Addressee / Facility:	System Owner/Responsible Party BFI-THE RECYCLERY 1601 DIXON LANDING ROAD MILPITAS, CA 95035		
Facility Latitude:	37 25 41	Facility Longitude:	121 54 20
City Served:	Not Reported		
Treatment Class:	Untreated	Population:	00000040

PWS currently has or had major violation(s) or enforcement: Yes

VIOLATIONS INFORMATION:

Violation ID:	9300001	Source ID:	Not Reported	PWS Phone:	Not Reported
Vio. beginning Date:	01/01/93	Vio. end Date:	01/31/93	Vio. Period:	001 Months
Num required Samples:	Not Reported	Number of Samples Taken:		Not Reported	
Analysis Result:	Not Reported	Maximum Contaminant Level:		Not Reported	
Analysis Method:	Not Reported				
Violation Type:	Monitoring, Routine Major (TCR)				
Contaminant:	COLIFORM (TCR)				
Vio. Awareness Date:	030293				

ENFORCEMENT INFORMATION:

System Name:	BFI-THE RECYCLERY		
Violation Type:	Monitoring, Routine Major (TCR)		
Contaminant:	COLIFORM (TCR)		
Compliance Period:	2002-01-01 - 2002-01-31	Analytical Value:	0
Violation ID:	0217001	Enforcement ID:	0217001
Enforcement Date:	2002-02-25	Enf. Action:	State AO (w/o Penalty) Issued
System Name:	BFI-THE RECYCLERY		
Violation Type:	Monitoring, Routine Major (TCR)		
Contaminant:	COLIFORM (TCR)		
Compliance Period:	2002-01-01 - 2002-01-31	Analytical Value:	0
Violation ID:	0217001	Enforcement ID:	0217001
Enforcement Date:	2002-02-25	Enf. Action:	State AO (w/o Penalty) Issued
System Name:	BFI-THE RECYCLERY		
Violation Type:	Monitoring, Routine Major (TCR)		
Contaminant:	COLIFORM (TCR)		
Compliance Period:	1/1/2002 0:00:00 - 1/31/2002 0:00:00	Analytical Value:	0
Violation ID:	0217001	Enforcement ID:	Not Reported
Enforcement Date:	2/25/2002 0:00:00	Enf. Action:	State AO (w/o Penalty) Issued
System Name:	BFI-THE RECYCLERY		
Violation Type:	Monitoring, Routine Major (TCR)		
Contaminant:	COLIFORM (TCR)		
Compliance Period:	1/1/2002 0:00:00 - 1/31/2002 0:00:00	Analytical Value:	Not Reported
Violation ID:	0217001	Enforcement ID:	Not Reported
Enforcement Date:	2/25/2002 0:00:00	Enf. Action:	State AO (w/o Penalty) Issued
System Name:	BFI-THE RECYCLERY		
Violation Type:	MCL, Monthly (TCR)		
Contaminant:	COLIFORM (TCR)		
Compliance Period:	2003-07-01 - 2003-07-31	Analytical Value:	0
Violation ID:	0317002	Enforcement ID:	0317002
Enforcement Date:	2003-08-15	Enf. Action:	State Formal NOV Issued
System Name:	BFI-THE RECYCLERY		
Violation Type:	MCL, Monthly (TCR)		
Contaminant:	COLIFORM (TCR)		
Compliance Period:	2003-07-01 - 2003-07-31	Analytical Value:	0
Violation ID:	0317002	Enforcement ID:	0317002
Enforcement Date:	2003-08-15	Enf. Action:	State Formal NOV Issued
System Name:	BFI-THE RECYCLERY		
Violation Type:	MCL, Monthly (TCR)		
Contaminant:	COLIFORM (TCR)		
Compliance Period:	7/1/2003 0:00:00 - 7/31/2003 0:00:00	Analytical Value:	0
Violation ID:	0317002	Enforcement ID:	Not Reported
Enforcement Date:	8/15/2003 0:00:00	Enf. Action:	State Formal NOV Issued
System Name:	BFI-THE RECYCLERY		
Violation Type:	MCL, Monthly (TCR)		
Contaminant:	COLIFORM (TCR)		
Compliance Period:	7/1/2003 0:00:00 - 7/31/2003 0:00:00	Analytical Value:	Not Reported
Violation ID:	0317002	Enforcement ID:	Not Reported
Enforcement Date:	8/15/2003 0:00:00	Enf. Action:	State Formal NOV Issued
System Name:	BFI-THE RECYCLERY		
Violation Type:	Monitoring, Routine Major (TCR)		
Contaminant:	COLIFORM (TCR)		
Compliance Period:	2004-04-01 - 2004-04-30	Analytical Value:	0
Violation ID:	0417003	Enforcement ID:	0417003
Enforcement Date:	2004-06-23	Enf. Action:	State Formal NOV Issued

GEOCHECK®- PHYSICAL SETTING SOURCE MAP FINDINGS

ENFORCEMENT INFORMATION:

System Name:	BFI-THE RECYCLERY		
Violation Type:	Monitoring, Routine Major (TCR)		
Contaminant:	COLIFORM (TCR)		
Compliance Period:	2004-04-01 - 2004-04-30	Analytical Value:	0
Violation ID:	0417003	Enforcement ID:	0417003
Enforcement Date:	2004-06-23	Enf. Action:	State Formal NOV Issued
System Name:	BFI-THE RECYCLERY		
Violation Type:	Monitoring, Routine Major (TCR)		
Contaminant:	COLIFORM (TCR)		
Compliance Period:	4/1/2004 0:00:00 - 4/30/2004 0:00:00	Analytical Value:	0
Violation ID:	0417003	Enforcement ID:	Not Reported
Enforcement Date:	6/23/2004 0:00:00	Enf. Action:	State Formal NOV Issued
System Name:	BFI-THE RECYCLERY		
Violation Type:	Monitoring, Routine Major (TCR)		
Contaminant:	COLIFORM (TCR)		
Compliance Period:	4/1/2004 0:00:00 - 4/30/2004 0:00:00	Analytical Value:	Not Reported
Violation ID:	0417003	Enforcement ID:	Not Reported
Enforcement Date:	6/23/2004 0:00:00	Enf. Action:	State Formal NOV Issued
System Name:	BFI-THE RECYCLERY		
Violation Type:	Initial Tap Sampling for Pb and Cu		
Contaminant:	LEAD & COPPER RULE		
Compliance Period:	1993-07-01 - 2000-04-04	Analytical Value:	0000000.000000000
Violation ID:	95V0001	Enforcement ID:	0089899
Enforcement Date:	2000-04-04	Enf. Action:	State Compliance Achieved
System Name:	BFI-THE RECYCLERY		
Violation Type:	Initial Tap Sampling for Pb and Cu		
Contaminant:	LEAD & COPPER RULE		
Compliance Period:	1993-07-01 - 2000-04-04	Analytical Value:	0
Violation ID:	95V0001	Enforcement ID:	0089899
Enforcement Date:	2000-04-04	Enf. Action:	State Compliance Achieved
System Name:	BFI-THE RECYCLERY		
Violation Type:	Initial Tap Sampling for Pb and Cu		
Contaminant:	LEAD & COPPER RULE		
Compliance Period:	1993-07-01 - 2000-04-04	Analytical Value:	0
Violation ID:	95V0001	Enforcement ID:	0089899
Enforcement Date:	2000-04-04	Enf. Action:	State Compliance Achieved
System Name:	BFI-THE RECYCLERY		
Violation Type:	Initial Tap Sampling for Pb and Cu		
Contaminant:	LEAD & COPPER RULE		
Compliance Period:	1993-07-01 - 2000-04-04	Analytical Value:	0000000.000000000
Violation ID:	95V0001	Enforcement ID:	0089899
Enforcement Date:	2000-04-04	Enf. Action:	State Compliance Achieved
System Name:	BFI-THE RECYCLERY		
Violation Type:	Initial Tap Sampling for Pb and Cu		
Contaminant:	LEAD & COPPER RULE		
Compliance Period:	7/1/1993 0:00:00 - 4/4/2000 0:00:00	Analytical Value:	0
Violation ID:	95V0001	Enforcement ID:	Not Reported
Enforcement Date:	4/4/2000 0:00:00	Enf. Action:	State Compliance Achieved
System Name:	BFI-THE RECYCLERY		
Violation Type:	Initial Tap Sampling for Pb and Cu		
Contaminant:	LEAD & COPPER RULE		
Compliance Period:	1993-07-01 - 2015-12-31	Analytical Value:	0000000.000000000
Violation ID:	95V0001	Enforcement ID:	Not Reported
Enforcement Date:	Not Reported	Enf. Action:	Not Reported

ENFORCEMENT INFORMATION:

System Name:	BFI-THE RECYCLERY		
Violation Type:	Initial Tap Sampling for Pb and Cu		
Contaminant:	LEAD & COPPER RULE		
Compliance Period:	7/1/1993 0:00:00 - 4/4/2000 0:00:00	Analytical Value:	Not Reported
Violation ID:	95V0001	Enforcement ID:	Not Reported
Enforcement Date:	4/4/2000 0:00:00	Enf. Action:	State Compliance Achieved

---

3
North
1/2 - 1 Mile
Lower

CA WELLS **6821**

Water System Information:

Prime Station Code:	06S/01E-06N01 M	User ID:	HEN
FRDS Number:	4310005001	County:	Santa Clara
District Number:	05	Station Type:	WELL/AMBNT/MUN/INTAKE/SUPPLY
Water Type:	Well/Groundwater	Well Status:	Inactive Untreated
Source Lat/Long:	372600.0 1215500.0	Precision:	0.5 Mile (30 Seconds)
Source Name:	MARYLINN WELL - INACTIVE		
System Number:	4310005		
System Name:	City of Milpitas		
Organization That Operates System:			
	455 E CALAVERAS BLVD		
	MILPITAS, CA 95035		
Pop Served:	54368	Connections:	13337
Area Served:	MILPITAS		

4
ENE
1/2 - 1 Mile
Higher

CA WELLS **22467**

Water System Information:

Prime Station Code:	E43/005-SCVWDMI	User ID:	HEN
FRDS Number:	4310005003	County:	Santa Clara
District Number:	05	Station Type:	RESVR/CANAL/AMBNT/MUN/INTAKE
Water Type:	Surface Water	Well Status:	Combined Treated
Source Lat/Long:	372525.9 1215353.1	Precision:	1,000 Feet (10 Seconds)
Source Name:	SCVWD - MILPITAS CONNECTION		
System Number:	4310005		
System Name:	City of Milpitas		
Organization That Operates System:			
	455 E CALAVERAS BLVD		
	MILPITAS, CA 95035		
Pop Served:	54368	Connections:	13337
Area Served:	MILPITAS		

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS
RADON

AREA RADON INFORMATION

State Database: CA Radon

Radon Test Results

Zip	Total Sites	> 4 Pci/L	Pct. > 4 Pci/L
95035	5	0	0.00

Federal EPA Radon Zone for SANTA CLARA County: 2

Note: Zone 1 indoor average level > 4 pCi/L.
: Zone 2 indoor average level >= 2 pCi/L and <= 4 pCi/L.
: Zone 3 indoor average level < 2 pCi/L.

Federal Area Radon Information for Zip Code: 95035

Number of sites tested: 1

Area	Average Activity	% <4 pCi/L	% 4-20 pCi/L	% >20 pCi/L
Living Area - 1st Floor	0.400 pCi/L	100%	0%	0%
Living Area - 2nd Floor	Not Reported	Not Reported	Not Reported	Not Reported
Basement	Not Reported	Not Reported	Not Reported	Not Reported

PHYSICAL SETTING SOURCE RECORDS SEARCHED

TOPOGRAPHIC INFORMATION

USGS 7.5' Digital Elevation Model (DEM)
Source: United States Geologic Survey
EDR acquired the USGS 7.5' Digital Elevation Model in 2002 and updated it in 2006. The 7.5 minute DEM corresponds to the USGS 1:24,000- and 1:25,000-scale topographic quadrangle maps. The DEM provides elevation data with consistent elevation units and projection.

Scanned Digital USGS 7.5' Topographic Map (DRG)
Source: United States Geologic Survey
A digital raster graphic (DRG) is a scanned image of a U.S. Geological Survey topographic map. The map images are made by scanning published paper maps on high-resolution scanners. The raster image is georeferenced and fit to the Universal Transverse Mercator (UTM) projection.

HYDROLOGIC INFORMATION

Flood Zone Data: This data, available in select counties across the country, was obtained by EDR in 1999 from the Federal Emergency Management Agency (FEMA). Data depicts 100-year and 500-year flood zones as defined by FEMA.

NWI: National Wetlands Inventory. This data, available in select counties across the country, was obtained by EDR in 2002 and 2005 from the U.S. Fish and Wildlife Service.

HYDROGEOLOGIC INFORMATION

AQUIFLOW^{R} Information System
Source: EDR proprietary database of groundwater flow information
EDR has developed the AQUIFLOW Information System (AIS) to provide data on the general direction of groundwater flow at specific points. EDR has reviewed reports submitted to regulatory authorities at select sites and has extracted the date of the report, hydrogeologically determined groundwater flow direction and depth to water table information.

GEOLOGIC INFORMATION

Geologic Age and Rock Stratigraphic Unit
Source: P.G. Schruben, R.E. Arndt and W.J. Bawiec, Geology of the Conterminous U.S. at 1:2,500,000 Scale - A digital representation of the 1974 P.B. King and H.M. Beikman Map, USGS Digital Data Series DDS - 11 (1994).

STATSGO: State Soil Geographic Database
Source: Department of Agriculture, Natural Resources Conservation Services
The U.S. Department of Agriculture's (USDA) Natural Resources Conservation Service (NRCS) leads the national Conservation Soil Survey (NCSS) and is responsible for collecting, storing, maintaining and distributing soil survey information for privately owned lands in the United States. A soil map in a soil survey is a representation of soil patterns in a landscape. Soil maps for STATSGO are compiled by generalizing more detailed (SSURGO) soil survey maps.

SSURGO: Soil Survey Geographic Database
Source: Department of Agriculture, Natural Resources Conservation Services (NRCS)
Telephone: 800-672-5559
SSURGO is the most detailed level of mapping done by the Natural Resources Conservation Services, mapping scales generally range from 1:12,000 to 1:63,360. Field mapping methods using national standards are used to construct the soil maps in the Soil Survey Geographic (SSURGO) database. SSURGO digitizing duplicates the original soil survey maps. This level of mapping is designed for use by landowners, townships and county natural resource planning and management.

PHYSICAL SETTING SOURCE RECORDS SEARCHED

LOCAL / REGIONAL WATER AGENCY RECORDS

FEDERAL WATER WELLS

PWS: Public Water Systems
Source: EPA/Office of Drinking Water
Telephone: 202-564-3750
Public Water System data from the Federal Reporting Data System. A PWS is any water system which provides water to at least 25 people for at least 60 days annually. PWSs provide water from wells, rivers and other sources.

PWS ENF: Public Water Systems Violation and Enforcement Data
Source: EPA/Office of Drinking Water
Telephone: 202-564-3750
Violation and Enforcement data for Public Water Systems from the Safe Drinking Water Information System (SDWIS) after August 1995. Prior to August 1995, the data came from the Federal Reporting Data System (FRDS).

USGS Water Wells: USGS National Water Inventory System (NWIS)
This database contains descriptive information on sites where the USGS collects or has collected data on surface water and/or groundwater. The groundwater data includes information on wells, springs, and other sources of groundwater.

STATE RECORDS

California Drinking Water Quality Database
Source: Department of Health Services
Telephone: 916-324-2319
The database includes all drinking water compliance and special studies monitoring for the state of California since 1984. It consists of over 3,200,000 individual analyses along with well and water system information.

OTHER STATE DATABASE INFORMATION

California Oil and Gas Well Locations
Source: Department of Conservation
Telephone: 916-323-1779

RADON

State Database: CA Radon
Source: Department of Health Services
Telephone: 916-324-2208
Radon Database for California

Area Radon Information
Source: USGS
Telephone: 703-356-4020
The National Radon Database has been developed by the U.S. Environmental Protection Agency (USEPA) and is a compilation of the EPA/State Residential Radon Survey and the National Residential Radon Survey. The study covers the years 1986 - 1992. Where necessary data has been supplemented by information collected at private sources such as universities and research institutions.

EPA Radon Zones
Source: EPA
Telephone: 703-356-4020
Sections 307 & 309 of IRAA directed EPA to list and identify areas of U.S. with the potential for elevated indoor radon levels.

OTHER

Airport Landing Facilities: Private and public use landing facilities
Source: Federal Aviation Administration, 800-457-6656

Epicenters: World earthquake epicenters, Richter 5 or greater
Source: Department of Commerce, National Oceanic and Atmospheric Administration

California Earthquake Fault Lines: The fault lines displayed on EDR's Topographic map are digitized quaternary fault lines, prepared in 1975 by the United State Geological Survey. Additional information (also from 1975) regarding activity at specific fault lines comes from California's Preliminary Fault Activity Map prepared by the California Division of Mines and Geology.

PHYSICAL SETTING SOURCE RECORDS SEARCHED

STREET AND ADDRESS INFORMATION

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Appendix D

APPENDIX D
CITY AND COUNTY AGENCY DOCUMENTS

CLOSURE APPLICATION FOR ABOVEGROUND HAZARDOUS MATERIALS STORAGE FACILITIES

For Use by Unidocs Member Agencies or where approved by your Local Jurisdiction

Please complete and submit this form prior to the closure of any aboveground hazardous materials storage system or facility. Based on the information submitted below, and the complexity of the closure, a written Closure Plan may be required (see guidelines).

1. Facility Information: *(Note: Print or type all information.)*

Facility Name: Billings Chevrolet Facility Phone: (408) 391-3377

Site Address: 600 Barber Lane

City: Milpitas State: CA Zip: 95035

Contact Name: Mike Billings Contact Phone: (408) 391-3377

Forwarding Address: 2415 Merlot Lane

City: Livermore State: CA Zip: 94550 Phone No.: (408) 391-3377

Property Owner Name: same

Property Owner Mailing Address: same as fowarding address
If different from site address

City: _____ State: _____ Zip: _____ Phone No.: (_____) _____

2. Closure Information:

☒ Full Facility Closure ☐ Partial Facility Closure Remodel | Proposed Date of Closure: 3/19/05

Briefly describe the proposed closure activity. Indicate the previous use(s) of the area(s) intended to be closed and the types of chemicals used or stored in the area(s) (i.e. by submitting a copy of the Inventory Statements from your Hazardous Materials Business Plan, etc.). Include equipment, tanks, piping, exhaust and treatment systems, and the proposed final disposition of any hazardous materials and/or wastes. Attach additional pages if necessary.

All hazardous materials to be removed from facility
Hazardous materials handling equipment i.e. aboveground tanks, portable oil catch basins, parts cleaners, AC recovery, transmission fluid, etc. to be removed 3/11/05
Hazardous materials conveying piping shall be removed and properly disposed of. Clarifier to be closed in place.
All floors and clarifier will be cleaned.
formal closure plan to be submitted

Applicant/Agent's Name *(Print)*: MICHAEL BILLINGS Title: OWNER

Signature of Applicant/Agent: M Billings Date: 3/18/05

Agency Use Only

Application: ☒ approved ☐ disapproved	Closure Plan: ☒ required ☐ not required	Inspection: ☒ required ☐ not required
Fee Received: $ _____	Receipt No.: _____	Date: ___/___/___

Comments: closure completed per Milpitas Fire Department requirements

Staff: Clark Dye Date: 5/16/05

Integrated
Engineering
Services

RECEIVED
MAY 13 2005
MILPITAS
FIRE PREVENTION

May 12, 2005

Ms. Clare Owen
City of Milpitas Fire Department
Bureau of Fire Prevention
555 E. Calaveras Blvd.
Milpitas, CA 95035

Subject: Final Closure Report Billings Chevrolet – 600 Barber Lane, Milpitas
Closure Permit No. 2005-

Overview:

Billing Chevrolet was opened in October of 1992 as an automobile dealership. Billings Chevrolet has operated the facility since it opened. A facility map is included as Attachment 1. The dealership was closed in February 2005. Billings began closure proceedings on the facility in February by removing hazardous materials from the aboveground storage tanks and having the clarifier pumped out. An asset auction was held on March 19, 2005. The facility decontamination activities were performed in April of 2005 and the clarifier closure was completed in May of 2005. Currently the property has entered into escrow.

Asset Liquidation:

An auction was held on March 19, 2005 for the purpose of selling of the assets of Billings Chevrolet. A bill of sale identifying that the equipment (i.e., aboveground oil and antifreeze tanks, portable gasoline cans, material dispense reels, etc.) may have contained hazardous materials and that the purchaser intends to use the equipment is the same manner for which it had been used previously was signed by all buyers. Copies of the purchasing letters are included as Attachment 2.

70 Stratford Avenue, Suite 200 • Santa Clara, CA 95051-7301
Phone (408) 261-3500 • Fax (408) 261-4176 • E-mail: ies@intengr.com

NFPA
MEMBER
04-05

Facility Decontamination Activities

All decontamination activities were performed by All Chemical Disposal of San Jose (See Attachment 3 for a copy of the All Chem. Closure Report). A summary of the work performed is outlined below

Service Bay, AT Storage, Lube Room, and Empty Drum Storage Area: Given that the facility was an automobile repair garage, the primary contaminate was oil and grease. Those areas that contained hazardous materials such as oil, grease, and antifreeze as well as all areas with evidence of oil and grease staining were swept for debris followed by a hot water pressure cleaning using a commercial scrubber such as Simple Green and water. All rinsates were directed to the clarifier trenches in the service bay where practicable or drummed for proper disposal.

Piping Removal: Elevated oil and coolant piping, both waste and nonwaste, ran the length of the service bay to the storage tanks. All waste and nonwaste oil and coolant piping were removed from the facility. All influent and effluent waste coolant; waste oil and gasoline piping were drained of contents, removed and cleaned. All cleaning rinsate was captured and drummed for disposal. All piping and vent lines removed were placed in containers for recycling at American Metals of Santa Clara.

Oil/Water Clarifier: Billings has maintained an oil/water separator at the site. The clarifier is located below ground adjacent to the service bay on the south end of the property. Two trenches run the length of the service bay to the clarifier. The clarifier and trenches are constructed of concrete. The clarifier is approximately 12 by 6 by 6 feet. Billings originally had the clarifier pumped out in February; however, there was still sludge in the unit. After the cleaning rinsates have been flushed through the trenches, the trenches and the clarifier were pressure washed with the rinsate collecting in the clarifier. The sludge and clarifier contents were removed by a vacuum truck and transported for disposal.

Aboveground Diesel and Waste Storage Tank:

The only hazardous materials containing equipment not sold at the auction was the 2000 gallon aboveground gasoline, waste oil and waste antifreeze combined storage tank previously located along the east wall at the back of the facility in a fenced enclosure. The tank was given to Balch Petroleum of 930 Ames Avenue in Milpitas, and transported under Bill of Lading to the Balch site. Copies of the Bill of Lading and purchasing letter are included as Attachment 4. Prior to the relocation of the tank, All Chemical Disposal removed all remaining fluid from the compartments and drummed for proper disposal. The gasoline compartment was pressure washed with detergent. The residual was pumped

out and drummed for disposal. In addition, All Chemical Disposal checked the LEL levels in the compartments and inserted dry ice where necessary. The LEL levels were rechecked prior to transport. Included as Attachment 5 is the All Chemical Disposal, Inc. LEL readings and a Closure Report for the above ground fuel tank.

Hazardous Materials Disposition:

Upon the completion of decontamination activities. the clarifier contents and accumulated drummed rinsate were pumped out by a vacuum truck and transported by a licensed waste hauler to Riverbank Oil. Accumulated solid debris was sent to Filter Recycle Services in Rialto for disposal. Copies of all hazardous waste manifests are included as Attachment 6.

Sampling Activities:

Captain Clare Owen of the Milpitas Fire Department performed the final walk thru of the facility of Friday, April 15, 2005. Captain Clare Owen inspected the clarifier and determined that there were no cracks or evidence of leaks. In order to formerly close the clarifier; Captain Owen requested that a sample be taken beneath the clarifier in native soil. All Chemical Disposal obtained a sample on April 18, 2005 by coring through the bottom of the clarifier into native soil. The sample was taken to Entech Analytical Labs in Santa Clara for analysis. The sample was analyzed for oil and grease and the results were nondetect. The Chain of Custody and sample results are included as Attachment 7.

Clarifier Closure:

The clarifier is located outside the maintenance bay on the south side of the property. All floor trenches in the maintenance bay and storage bays were connected to the clarifier. The clarifier discharged to the sanitary sewer system. Balch Petroleum and Builders of Milpitas was contracted to close the clarifier. The closure of the clarifier was performed between May 5 and May 9 2005 (See Attachment 8 for the Balch Closure Letter and pictures of the closure activities). The inlet and outlet pipes of the clarifier were capped. The inlet line to the clarifier was rerouted and connected to the storm drain system. The drain in the building wash area was capped. Holes were punched in the bottom of the clarifier to render in unusable. The clarifier was filled with sand and capped with concrete. The new piping connection to the storm drain system was backfilled and also capped with concrete.

Billing Chevrolet would like to wrap up this closure as soon as possible so as not to impede the progress of the property sale. Should you have any questions or require additional information, please do not hesitate to contact me at (408) 261- 3500 ext 206.

Sincerely

Joelle L. Hurlston
Integrated Engineering Services
Hazardous Materials Consultant

Cc Mike Billings, Billings Chevrolet
Paul Dommert, All Chem.
Bill Balch, Balch Petroleum and Builders

ALL CHEM

Contractor's License #599864

All Chemical Disposal, Inc.

21 Great Oaks Blvd. • San Jose, CA 95119-1359
Tel: 408-363-1660 • Fax: 408-363-3587

April 12, 2005

Joelle Hurlston
IES
70 Saratoga Avenue, Suite 200
Santa Clara, CA 95051

Dear Joelle,

This letter is to address activities conducted by All Chem (All Chemical Disposal, Inc.) personnel at the Billings Chevrolet facility, 600 Barber Lane, Milpitas, CA. All activities were conducted in conjunction with the closure plan submitted to the Milpitas Fire Department dated March 29, 2005. The work activities took place on April 1 to April 6, 2005.

Activities

Waste, Product and Vent Line Removal (service bays, lube room and combination tank pad)- All lines associated with the unleaded fuel tank, waste oil lines, coolant lines and product delivery lines were drained of remaining liquid and removed. The lines were consolidated into manageable sizes and hot pressure washed to remove residues. The cleaned lines were transported to American metals for recycle.

Combination Tank (Unleaded Gasoline- 2000 gallon, waste oil, waste coolant)- The product remaining in the unleaded gasoline tank was pumped into a UN/DOT rated container. The tank was hot pressure washed in conjunction with detergent to help remove remaining gasoline residues. The pressure washing residuals were pumped into a UN/DOT rated container. Residual fuel was drained from the pump hose assembly.

Service Bay, AT Storage and Lube Room-
All debris was sweep up in the service bays, lube room and AT storage area and collected into a UN/DOT rated container. The same areas were hot pressure washed in conjunction with detergent. The rinseate was allowed to flow into the trenches and discharge into the clarifier.

Empty Drum Storage-
The asphalt area adjacent to the combination tank berm was hot pressure washed to removed oily deposits. The rinse water was collected and discharged into UN rated DOT containers.

Trenches-
All solids were removed from the service bay and AT storage (perpendicular to the service bays) trenches and collected into UN rated DOT containers. The same trenches were hot pressure washed and the rinseate allowed to flow to the clarifier.

Printed on recycled paper

Clarifier-
All sections of the clarifier were pumped using a vacuum truck. The same compartments were hot pressure washed to dislodge oily deposits. The rinseate was pumped by the vacuum truck. All liquids collected into containers from the tank, trench and asphalt cleaning were pumped by the vacuum truck. The containers were hot pressure washed and the rinseate collected by the vacuum truck.

Hazardous Waste
All rinseate and solids pumped by the vacuum truck were transported to Riverbank Oil Transfer on a bulk shipping document # 12001 as non hazardous wasted liquid. The solid debris was transported to Filter Recycle Services, Rialto on California hazardous waste manifest # 23776762. Copies of the shipping documents are included with this letter.

If you have any questions, please contact me at 408 363-1660 extension 225.

Sincerely,
ALL CHEMICAL DISPOSAL, INC.

Paul Dommert
Field Services Manager

Attachment 7 Clarifier Sampling Results

Entech Analytical Labs, Inc.

3334 Victor Court , Santa Clara, CA 95054 Phone: (408) 588-0200 Fax: (408) 588-0201

Quality Control - Method Blank

Solid

QC/Prep Batch ID: SINO050418 Reviewed by: JISIDERIO - 04/18/05

QC/Prep Date: 4/18/2005

Method Blank **Method: SM 5520 C**

Parameter	Result	DF	PQLR	Units
Oil and Grease, Total	ND	1	25	mg/Kg

Quality Control - Laboratory Control Spike / Duplicate Results

Solid

Reviewed by: JISIDERIO - 04/18/05

Prep Batch ID: SINO050418 **QC BatchID: SOGIR050418**

Prep Date: 4/18/2005 **Analysis Date: 4/18/2005**

Method: SM 5520 C **Conc. Units: mg/Kg**

LCS

Parameter	Blank (MDL)	Spike Amt	SpikeResult	% Recovery	RPD	RPD Limits	Recovery Limits
Oil and Grease, Total	<30	220	210	95.1			75 - 125

LCSD

Parameter	Blank (MDL)	Spike Amt	SpikeResult	% Recovery	RPD	RPD Limits	Recovery Limits
Oil and Grease, Total	<30	220	210	96.6	1.6	30.0	75 - 125

CONTRACTORS
BALCH
PETROLEUM
& BUILDERS, INC.
CL #156575 A/B/C - 10 HAZ

11 May 2005

Joelle Hurlston
Email: joelle@intengr.com
Ph: 408.261.3500, x206
Cell: 408.472.2468

Re: Billings Chevrolet, 600 Barber Lane, Milpitas CA

Dear Joelle:

This is to confirm our scope of work at Billings Chevrolet, Milpitas:

1. Punch holes in bottom of clarifier and fill with sand.
2. Cap inlet and outlet pipe of clarifier.
3. Pipe inlet of clarifier to storm drain.
4. Cap drain in building wash area.
5. Backfill and pour concrete.

This work was started May 5, 2005 and completed May 9, 2005. Please call if you have further questions.

Bill Balch,
Vice President
Balch Petroleum

BB/by

PO Box 361230 ~ 930 Ames Avenue ~ Milpitas, CA 95035-1230 ~ 408-942-8686 (fax) 408-942-0131 ~ (email) balcht@balchpetroleum.com

COPY

UNIFIED PROGRAM CONSOLIDATED FORM

FACILITY INFORMATION

BUSINESS ACTIVITIES

I. FACILITY IDENTIFICATION

FACILITY ID # 1	EPA ID# (hazardous Waste Only) 2
BUSINESS NAME (Same as FACILITY NAME or DBA-Doing Business As) 3	CAD000005918

BILLINGS CHEVROLET

II. ACTIVITIES DECLARATION

NOTE: If you check YES to any part of this list, please submit the Business Owner/Operator Identification page (OES Form 2730).

Does your facility . . .	If Yes, please complete these pages of the UPCF . . .
A. HAZARDOUS MATERIALS Have on site (for any purpose) hazardous materials at or above 55 gallons for liquids, 500 pounds for solids, or 200 cubic feet for compressed gases (include liquids in ASTs and USTs); or the applicable Federal threshold quantity for an extremely hazardous substance specified in 40CFR Part 355, Appendix A or B; or handle radiological materials in quantities for which an emergency plan is required pursuant to 10CFR Parts 30, 40 or 70?	◉ YES ○ NO 4.	• HAZARDOUS MATERIAL INVENTORY - CHEMICAL DESCRIPTION (OES 2731)
B. UNDERGROUND STORAGE TANKS (USTs) 1. Own or operate underground storage tank?	○ YES ◉ NO 5.	• UST FACILITY (Formerly SWRCB Form A) • UST TANK (one page per tank) (Formerly Form B)
2. Intend to upgrade existing or install new USTs?	○ YES ◉ NO 6.	• UST FACILITY • UST TANK (one per tank) • UST INSTALLATION - CERTIFICATE OF COMPLIANCE (one per page per tank) (Formerly Form C)
3. Need to report closing a UST?	○ YES ◉ NO 7.	• UST TANK (closure portion--one page per tank)
C. ABOVE GROUND PETROLEUM STORAGE TANKS (ASTs) Own or operate ASTs above these thresholds: --any tank capacity is greater than 660 gallons, or --the total capacity for the facility is greater than 1,320 gallons?	◉ YES ○ NO 8.	NO FORM REQUIRED TO CUPAS
D. HAZARDOUS WASTE 1. Generate hazardous waste?	◉ YES ○ NO 9.	• EPA ID NUMBER--provide at the top of this page
2. Recycle more than 100 kg/month of excluded or exempted recyclable materials (per HSC §25143.2)?	○ YES ◉ NO 10.	• RECYCLABLE MATERIALS REPORT (one per recycler)
3. Treat a hazardous waste on site?	○ YES ◉ NO 11.	• ONSITE HAZARDOUS WASTE TREATMENT - FACILITY (Formerly DTSC Form 1772) • ONSITE HAZARDOUS WASTE TREATMENT - UNIT (one page per unit) (Formerly DTSC Form 1772A,B,C,D, and L)
4. Treatment subject to financial assurance requirements (for Permit by Rule and Conditional Authorization)?	○ YES ◉ NO 12.	• CERTIFICATION OF FINANCIAL ASSURANCE (Formerly DTSC Form 1232)
5. Consolidate hazardous waste generated at a remote site?	○ YES ◉ NO 13.	• REMOTE WASTE/CONSOLIDATION SITE ANNUAL NOTIFICATION (Formerly DTSC Form 1196)
6. Need to report the closure/removal of a tank that was classified as hazardous waste and cleaned onsite?	○ YES ◉ NO 14.	• HAZARDOUS WASTE TANK CLOSURE CERTIFICATION (Formerly DTSC Form 1249)

E. LOCAL REQUIREMENTS (You may also be required to provide additional information by your CUPA or local agency.)

FIED PROGRAM CONSOLIDATED FOR

HAZARDOUS MATERIALS

HAZARDOUS MATERIALS INVENTORY - CHEMICAL DESCRIPTION

(ONE PAGE PER MATERIAL PER BUILDING OR AREA)

☒ ADD ☐ DELETE ☐ REVISE 2002 PAGE 1 OF 10

I. FACILITY INFORMATION

BUSINESS NAME (same as FACILITY NAME or DBA - Doing Business As) 3: **Billings Chevrolet**

CHEMICAL LOCATION 201: **Parts Department**

CONFIDENTIAL LOCATION 202: CONFIDENTIAL (EPCRA) ☐ YES ☒ NO

FACILITY ID # 1

MAP # (Optional) 203

GRID # (Optional) 204

II. CHEMICAL INFORMATION

CHEMICAL NAME 205: **Ethylene Glycol**

TRADE SECRET ☐ YES ☒ NO 206 — If subject to EPCRA, refer to instructions

COMMON NAME 207: **Coolant/Antifreeze**

EHS * ☐ YES ☒ NO 208

CAS # 209: **107-21-1 Mixture**

* If EHS is "Yes", all amounts below must be in lbs.

FIRE CODE HAZARD CLASSES (Complete if required by CUPA) 210: **Combustible Liquid--Class III-B**

HAZARDOUS MATERIAL TYPE (Check one item only) 211: ☐ PURE ☒ MIXTURE ☐ WASTE

RADIOACTIVE 212: ☐ YES ☒ NO

CURIES 213:

PHYSICAL STATE (Check one item only) 214: ☐ SOLID ☒ LIQUID ☐ GAS

LARGEST CONTAINER 215: **1**

FEDERAL HAZARD CATEGORIES (Check all that apply) 216: ☒ FIRE ☐ REACTION ☐ PRESSURE RELEASE ☒ ACUTE HEALTH ☐ CHRONIC HEALTH

AVG DAILY AMOUNT 217	MAX DAILY AMOUNT 218	ANNUAL WASTE AMOUNT 219	STATE WASTE CODE 220
30	100	N/A	N/A

UNITS * (Check one item only) 221: ☒ GAL ☐ CU FT ☐ LBS ☐ TONS — * If EHS, Amount must be reported in pounds

DAYS ON SITE 222: **365**

STORAGE CONTAINER 223:

☐ A. ABOVEGROUND TANK ☐ B. UNDERGROUND TANK ☐ C. TANK INSIDE BUILDING ☐ D. STEEL DRUM ☐ E. PLASTIC/NONMETALLIC DRUM ☐ F. CAN ☐ G. CARBOY ☐ H. SILO ☐ I. FIBER DRUM ☐ J. BAG ☐ K. BOX ☐ L. CYLINDER ☐ M. GLASS BOTTLE ☒ N. PLASTIC BOTTLE ☐ O. TOTE BIN ☐ P. TANK WAGON ☐ Q. RAIL CAR ☐ R. OTHER____

STORAGE PRESSURE 224: ☒ A. AMBIENT ☐ B. ABOVE AMBIENT ☐ C. BELOW AMBIENT

STORAGE TEMPERATURE 225: ☒ A. AMBIENT ☐ B. ABOVE AMBIENT ☐ C. BELOW AMBIENT ☐ D. CRYOGENIC

	%WT	HAZARDOUS COMPONENT (for mixture or waste only)	EHS	CAS#
1	98 (226)	Ethylene Glycol (227)	☐ YES ☒ NO (228)	107-21-1 (229)
2	2 (230)	Additives (231)	☐ YES ☒ NO (232)	Mixture (233)
3	(234)	(235)	☐ YES ☐ NO (236)	(237)
4	(238)	(239)	☐ YES ☐ NO (240)	(241)
5	(242)	(243)	☒ YES ☐ NO (244)	(245)

If more hazardous components are present at greater than 1% by weight if non-carcinogenic, or 0.1% by weight if carcinogenic, attach additional sheets of paper capturing the required information.

ADDITIONAL LOCALLY COLLECTED INFORMATION 246

If EPCRA, Please Sign Here

FIED PROGRAM CONSOLIDATED FOR

HAZARDOUS MATERIALS

HAZARDOUS MATERIALS INVENTORY - CHEMICAL DESCRIPTION

(ONE PAGE PER MATERIAL PER BUILDING OR AREA)

☐ ADD ☐ DELETE ☒ REVISE 2002 PAGE 2 OF 10

I. FACILITY INFORMATION

BUSINESS NAME (same as FACILITY NAME or DBA - Doing Business As) 3: **Billings Chevrolet**

CHEMICAL LOCATION 201: **Service Area** | CONFIDENTIAL LOCATION 202 | CONFIDENTIAL (EPCRA) ☐ YES ☒ NO

FACILITY ID # 1 | MAP # (Optional) 203 | GRID # (Optional) 204

II. CHEMICAL INFORMATION

CHEMICAL NAME 205: **Oxygen** | TRADE SECRET ☐ YES ☒ NO 206 | If subject to EPCRA, refer to instructions

COMMON NAME 207: **Oxygen** | EHS * ☐ YES ☒ NO 208

CAS # 209: **7782-44-7** | * If EHS is "Yes", all amounts below must be in lbs.

FIRE CODE HAZARD CLASSES (Complete if required by CUPA) 210

HAZARDOUS MATERIAL TYPE (Check one item only) 211: ☒ PURE ☐ MIXTURE ☐ WASTE | RADIOACTIVE 212: ☐ YES ☒ NO | CURIES 213

PHYSICAL STATE (Check one item only) 214: ☐ SOLID ☐ LIQUID ☒ GAS | LARGEST CONTAINER 215: **250**

FEDERAL HAZARD CATEGORIES (Check all that apply) 216: ☐ FIRE ☐ REACTION ☐ PRESSURE RELEASE ☐ ACUTE HEALTH ☐ CHRONIC HEALTH

AVG DAILY AMOUNT	MAX DAILY AMOUNT	ANNUAL WASTE AMOUNT	STATE WASTE CODE
217: **100**	218: **500**	219: **N/A**	220: **N/A**

UNITS * (Check one item only) ☐ GAL ☒ CU FT ☐ LBS ☐ TONS 221 | DAYS ON SITE 222: **365**

* If EHS, Amount must be reported in pounds

STORAGE CONTAINER 223

☐ A. ABOVEGROUND TANK ☐ B. UNDERGROUND TANK ☐ C. TANK INSIDE BUILDING ☐ D. STEEL DRUM ☐ E. PLASTIC/NONMETALLIC DRUM ☐ F. CAN ☐ G. CARBOY ☐ H. SILO ☐ I. FIBER DRUM ☐ J. BAG ☐ K. BOX ☒ L. CYLINDER ☐ M. GLASS BOTTLE ☐ N. PLASTIC BOTTLE ☐ O. TOTE BIN ☐ P. TANK WAGON ☐ Q. RAIL CAR ☐ R. OTHER_____

STORAGE PRESSURE 224: ☐ A. AMBIENT ☒ B. ABOVE AMBIENT ☐ C. BELOW AMBIENT

STORAGE TEMPERATURE 225: ☒ A. AMBIENT ☐ B. ABOVE AMBIENT ☐ C. BELOW AMBIENT ☐ D. CRYOGENIC

	%WT	HAZARDOUS COMPONENT (for mixture or waste only)	EHS	CAS#
1	226: 100	227: Oxygen	228: ☐ YES ☒ NO	229: 7782-44-7
2	230:	231:	232: ☐ YES ☐ NO	233:
3	234:	235:	236: ☐ YES ☐ NO	237:
4	238:	239:	240: ☐ YES ☐ NO	241:
5	242:	243:	244: ☐ YES ☐ NO	245:

If more hazardous components are present at greater than 1% by weight if non-carcinogenic, or 0.1% by weight if carcinogenic, attach additional sheets of paper capturing the required information.

ADDITIONAL LOCALLY COLLECTED INFORMATION 246

If EPCRA, Please Sign Here

RED PROGRAM CONSOLIDATED FORM

HAZARDOUS MATERIALS

HAZARDOUS MATERIALS INVENTORY - CHEMICAL DESCRIPTION

(ONE PAGE PER MATERIAL PER BUILDING OR AREA)

☐ ADD ☐ DELETE ☒ REVISE 2002 PAGE 3 OF 18

I. FACILITY INFORMATION

BUSINESS NAME (same as FACILITY NAME or DBA - Doing Business As) 3: Billings Chevrolet

CHEMICAL LOCATION 201: Service Area | CONFIDENTIAL LOCATION 202 | CONFIDENTIAL (EPCRA) ☐ YES ☒ NO

FACILITY ID # 1 | MAP # (Optional) 203 | GRID # (Optional) 204

II. CHEMICAL INFORMATION

CHEMICAL NAME 205: Ethyne | TRADE SECRET ☐ YES ☒ NO 206 | If subject to EPCRA, refer to instructions

COMMON NAME 207: Acetylene | EHS * ☐ YES ☒ NO 208

CAS # 209: 74-86-2 | * If EHS is "Yes", all amounts below must be in lbs.

FIRE CODE HAZARD CLASSES (Complete if required by CUPA) 210

HAZARDOUS MATERIAL TYPE (Check one item only) 211: ☒ PURE ☐ MIXTURE ☐ WASTE | RADIOACTIVE 212: ☐ YES ☒ NO | CURIES 213

PHYSICAL STATE (Check one item only) 214: ☐ SOLID ☐ LIQUID ☒ GAS | LARGEST CONTAINER 215: 125

FEDERAL HAZARD CATEGORIES (Check all that apply) 216: ☐ FIRE ☐ REACTION ☒ PRESSURE RELEASE ☒ ACUTE HEALTH ☐ CHRONIC HEALTH

AVG DAILY AMOUNT 217	MAX DAILY AMOUNT 218	ANNUAL WASTE AMOUNT 219	STATE WASTE CODE 220
75	250	N/A	N/A

UNITS * (Check one item only) ☐ GAL ☒ CU FT ☐ LBS ☐ TONS 221 | DAYS ON SITE 222: 365

* If EHS, Amount must be reported in pounds

STORAGE CONTAINER 223

☐ A. ABOVEGROUND TANK ☐ B. UNDERGROUND TANK ☐ C. TANK INSIDE BUILDING ☐ D. STEEL DRUM ☐ E. PLASTIC/NONMETALLIC DRUM ☐ F. CAN ☐ G. CARBOY ☐ H. SILO ☐ I. FIBER DRUM ☐ J. BAG ☐ K. BOX ☒ L. CYLINDER ☐ M. GLASS BOTTLE ☐ N. PLASTIC BOTTLE ☐ O. TOTE BIN ☐ P. TANK WAGON ☐ Q. RAIL CAR ☐ R. OTHER_____

STORAGE PRESSURE 224: ☐ A. AMBIENT ☒ B. ABOVE AMBIENT ☐ C. BELOW AMBIENT

STORAGE TEMPERATURE 225: ☒ A. AMBIENT ☐ B. ABOVE AMBIENT ☐ C. BELOW AMBIENT ☐ D. CRYOGENIC

	%WT	HAZARDOUS COMPONENT (for mixture or waste only)	EHS	CAS#
1	226	227	228 ☐ YES ☐ NO	229
2	230	231	232 ☐ YES ☐ NO	233
3	234	235	236 ☐ YES ☐ NO	237
4	238	239	240 ☐ YES ☐ NO	241
5	242	243	244 ☐ YES ☐ NO	245

If more hazardous components are present at greater than 1% by weight if non-carcinogenic, or @ 1% by weight if carcinogenic, attach additional sheets of paper capturing the required information.

ADDITIONAL LOCALLY COLLECTED INFORMATION 246

If EPCRA, Please Sign Here

FIED PROGRAM CONSOLIDATED FOR

HAZARDOUS MATERIALS

HAZARDOUS MATERIALS INVENTORY - CHEMICAL DESCRIPTION

(ONE PAGE PER MATERIAL PER BUILDING OR AREA)

☐ ADD ☐ DELETE ☒ REVISE 2002 PAGE 4 OF 10

I. FACILITY INFORMATION

BUSINESS NAME (same as FACILITY NAME or DBA - Doing Business As) 3: **Billings Chevrolet**

CHEMICAL LOCATION 201: **Service Area** | CONFIDENTIAL LOCATION 202 | CONFIDENTIAL (EPCRA) ☐ YES ☒ NO

FACILITY ID # 1 | MAP # (Optional) 203 | GRID # (Optional) 204

II. CHEMICAL INFORMATION

CHEMICAL NAME 205: **Petroleum Distillate** | TRADE SECRET ☐ YES ☒ NO 206 | If subject to EPCRA, refer to instructions

COMMON NAME 207: **Gasoline** | EHS * ☐ YES ☒ NO 208

CAS # 209 | * If EHS is "Yes", all amounts below must be in lbs.

FIRE CODE HAZARD CLASSES (Complete if required by CUPA) 210

HAZARDOUS MATERIAL TYPE (Check one item only) 211: ☐ PURE ☒ MIXTURE ☐ WASTE | RADIOACTIVE 212: ☐ YES ☒ NO | CURIES 213

PHYSICAL STATE (Check one item only) 214: ☐ SOLID ☒ LIQUID ☐ GAS | LARGEST CONTAINER 215: **1000**

FEDERAL HAZARD CATEGORIES (Check all that apply) 216: ☒ FIRE ☐ REACTION ☐ PRESSURE RELEASE ☒ ACUTE HEALTH ☐ CHRONIC HEALTH

AVG DAILY AMOUNT	MAX DAILY AMOUNT	ANNUAL WASTE AMOUNT	STATE WASTE CODE
217: **200**	218: **1000**	219: **N/A**	220: **N/A**

UNITS * (Check one item only) ☒ GAL ☐ CU FT ☐ LBS ☐ TONS 221 | DAYS ON SITE 222: **365**

* If EHS, Amount must be reported in pounds

STORAGE CONTAINER 223

☒ A. ABOVEGROUND TANK ☐ B. UNDERGROUND TANK ☐ C. TANK INSIDE BUILDING ☐ D. STEEL DRUM ☐ E. PLASTIC/NONMETALLIC DRUM ☐ F. CAN ☐ G. CARBOY ☐ H. SILO ☐ I. FIBER DRUM ☐ J. BAG ☐ K. BOX ☐ L. CYLINDER ☐ M. GLASS BOTTLE ☐ N. PLASTIC BOTTLE ☐ O. TOTE BIN ☐ P. TANK WAGON ☐ Q. RAIL CAR ☐ R. OTHER_____

STORAGE PRESSURE ☒ A. AMBIENT ☐ B. ABOVE AMBIENT ☐ C. BELOW AMBIENT 224

STORAGE TEMPERATURE ☒ A. AMBIENT ☐ B. ABOVE AMBIENT ☐ C. BELOW AMBIENT ☐ D. CRYOGENIC 225

	%WT	HAZARDOUS COMPONENT (for mixture or waste only)	EHS	CAS#
1	226: 39	227: **Toulne**	228: ☐ YES ☒ NO	229: **108-88-3**
2	230: 34	231: **Xylenes**	232: ☐ YES ☒ NO	233: **1330-34-7**
3	234: 10	235: **Methyl Tert Butyl Ether**	236: ☐ YES ☒ NO	237: **1634-04-4**
4	238	239	240: ☐ YES ☐ NO	241
5	242	243	244: ☐ YES ☐ NO	245

If more hazardous components are present at greater than 1% by weight if non-carcinogenic, or 0.1% by weight if carcinogenic, attach additional sheets of paper capturing the required information.

ADDITIONAL LOCALLY COLLECTED INFORMATION 246

If EPCRA, Please Sign Here

FIED PROGRAM CONSOLIDATED FOR

HAZARDOUS MATERIALS

HAZARDOUS MATERIALS INVENTORY - CHEMICAL DESCRIPTION

(ONE PAGE PER MATERIAL PER BUILDING OR AREA)

☒ ADD ☐ DELETE ☐ REVISE 2002 PAGE 5 OF 10

I. FACILITY INFORMATION

BUSINESS NAME (same as FACILITY NAME or DBA - Doing Business As) 3: **Billings Chevrolet**

CHEMICAL LOCATION 201: **Parts Department** | CONFIDENTIAL LOCATION 202 | CONFIDENTIAL (EPCRA) ☐ YES ☒ NO

FACILITY ID # 1 | MAP # (Optional) 203 | GRID # (Optional) 204

II. CHEMICAL INFORMATION

CHEMICAL NAME 205: **Petroleum Distillate** | TRADE SECRET ☐ YES ☒ NO 206 | If subject to EPCRA, refer to instructions

COMMON NAME 207: **Automatic Transmission Fluid** | EHS * ☐ YES ☒ NO 208

CAS # 209: **64742-55-8 Mixture** | * If EHS is "Yes", all amounts below must be in lbs

FIRE CODE HAZARD CLASSES (Complete if required by CUPA) 210: **Combustible Liquid Class III-B**

HAZARDOUS MATERIAL TYPE (Check one item only) 211: ☐ PURE ☒ MIXTURE ☐ WASTE

RADIOACTIVE 212: ☐ YES ☒ NO | CURIES 213

PHYSICAL STATE (Check one item only) 214: ☐ SOLID ☒ LIQUID ☐ GAS

LARGEST CONTAINER 215: **1**

FEDERAL HAZARD CATEGORIES (Check all that apply) 216: ☒ FIRE ☐ REACTION ☐ PRESSURE RELEASE ☒ ACUTE HEALTH ☐ CHRONIC HEALTH

AVG DAILY AMOUNT 217	MAX DAILY AMOUNT 218	ANNUAL WASTE AMOUNT 219	STATE WASTE CODE 220
15	100	N/A	N/A

UNITS * (Check one item only) 221: ☒ GAL ☐ CU FT ☐ LBS ☐ TONS | * If EHS, Amount must be reported in pounds

DAYS ON SITE 222: **365**

STORAGE CONTAINER 223:

- ☒ A. ABOVEGROUND TANK
- ☐ B. UNDERGROUND TANK
- ☐ C. TANK INSIDE BUILDING
- ☐ D. STEEL DRUM
- ☐ E. PLASTIC/NONMETALLIC DRUM
- ☐ F. CAN
- ☐ G. CARBOY
- ☐ H. SILO
- ☐ I. FIBER DRUM
- ☐ J. BAG
- ☐ K. BOX
- ☐ L. CYLINDER
- ☐ M. GLASS BOTTLE
- ☐ N. PLASTIC BOTTLE
- ☐ O. TOTE BIN
- ☐ P. TANK WAGON
- ☐ Q. RAIL CAR
- ☐ R. OTHER____

STORAGE PRESSURE 224: ☒ A. AMBIENT ☐ B. ABOVE AMBIENT ☐ C. BELOW AMBIENT

STORAGE TEMPERATURE 225: ☒ A. AMBIENT ☐ B. ABOVE AMBIENT ☐ C. BELOW AMBIENT ☐ D. CRYOGENIC

	%WT	HAZARDOUS COMPONENT (for mixture or waste only)	EHS	CAS#
1	85 (226)	Refined Base Oils (227)	☐ YES ☒ NO (228)	64742-55-8 (229)
2	15 (230)	Additives (231)	☐ YES ☒ NO (232)	Mixture (233)
3	(234)	(235)	☐ YES ☐ NO (236)	(237)
4	(238)	(239)	☐ YES ☐ NO (240)	(241)
5	(242)	(243)	☐ YES ☐ NO (244)	(245)

If more hazardous components are present at greater than 1% by weight if non-carcinogenic, or 0.1% by weight if carcinogenic, attach additional sheets of paper capturing the required information.

ADDITIONAL LOCALLY COLLECTED INFORMATION 246

If EPCRA, Please Sign Here

FIED PROGRAM CONSOLIDATED FOR

HAZARDOUS MATERIALS

HAZARDOUS MATERIALS INVENTORY - CHEMICAL DESCRIPTION

(ONE PAGE PER MATERIAL PER BUILDING OR AREA)

☒ ADD ☐ DELETE ☐ REVISE 2002 PAGE 6 OF 10

I. FACILITY INFORMATION

BUSINESS NAME (same as FACILITY NAME or DBA - Doing Business As) 3: **Billings Chevrolet**

CHEMICAL LOCATION 201: **Service Area/ Parts Department** | CONFIDENTIAL LOCATION 202 | CONFIDENTIAL (EPCRA) ☐ YES ☒ NO

FACILITY ID # 1 | MAP # (Optional) 203 | GRID # (Optional) 204

II. CHEMICAL INFORMATION

CHEMICAL NAME 205: **Petroleum Distillates** | TRADE SECRET ☐ YES ☒ NO 206 | If subject to EPCRA, refer to instructions

COMMON NAME 207: **Motor Oil** | EHS * ☐ YES ☒ NO 208

CAS # 209: **64742-55-8 Mixture** | * If EHS is "Yes", all amounts below must be in lbs.

FIRE CODE HAZARD CLASSES (Complete if required by CUPA) 210: **Combustible Liquid**

HAZARDOUS MATERIAL TYPE (Check one item only) 211: ☐ PURE ☒ MIXTURE ☐ WASTE

RADIOACTIVE 212: ☐ YES ☒ NO | CURIES 213

PHYSICAL STATE (Check one item only) 214: ☐ SOLID ☒ LIQUID ☐ GAS

LARGEST CONTAINER 215: **240**

FEDERAL HAZARD CATEGORIES (Check all that apply) 216: ☒ FIRE ☐ REACTION ☐ PRESSURE RELEASE ☒ ACUTE HEALTH ☐ CHRONIC HEALTH

AVG DAILY AMOUNT 217	MAX DAILY AMOUNT 218	ANNUAL WASTE AMOUNT 219	STATE WASTE CODE 220
120	600	N/A	N/A

UNITS * (Check one item only) ☒ GAL ☐ CU FT ☐ LBS ☐ TONS 221 | DAYS ON SITE 222: 365

* If EHS, Amount must be reported in pounds

STORAGE CONTAINER 223

☒ A. ABOVEGROUND TANK ☐ B. UNDERGROUND TANK ☐ C. TANK INSIDE BUILDING ☐ D. STEEL DRUM ☐ E. PLASTIC/NONMETALLIC DRUM ☐ F. CAN ☐ G. CARBOY ☐ H. SILO ☐ I. FIBER DRUM ☐ J. BAG ☐ K. BOX ☐ L. CYLINDER ☐ M. GLASS BOTTLE ☒ N. PLASTIC BOTTLE ☐ O. TOTE BIN ☐ P. TANK WAGON ☐ Q. RAIL CAR ☐ R. OTHER_____

STORAGE PRESSURE 224: ☒ A. AMBIENT ☐ B. ABOVE AMBIENT ☐ C. BELOW AMBIENT

STORAGE TEMPERATURE 225: ☒ A. AMBIENT ☐ B. ABOVE AMBIENT ☐ C. BELOW AMBIENT ☐ D. CRYOGENIC

	%WT	HAZARDOUS COMPONENT (for mixture or waste only)	EHS	CAS#
1	85 (226)	Refined Base Oils (227)	☐ YES ☒ NO (228)	64742-55-8 (229)
2	15 (230)	Additives (231)	☐ YES ☒ NO (232)	Mixture (233)
3	(234)	(235)	☐ YES ☐ NO (236)	(237)
4	(238)	(239)	☐ YES ☐ NO (240)	(241)
5	(242)	(243)	☐ YES ☐ NO (244)	(245)

If more hazardous components are present at greater than 1% by weight if non-carcinogenic, or 0.1% by weight if carcinogenic, attach additional sheets of paper capturing the required information.

ADDITIONAL LOCALLY COLLECTED INFORMATION 246

If EPCRA, Please Sign Here

FIED PROGRAM CONSOLIDATED FOR

HAZARDOUS MATERIALS

HAZARDOUS MATERIALS INVENTORY - CHEMICAL DESCRIPTION

ONE PAGE PER MATERIAL PER BUILDING OR AREA)

☒ ADD ☐ DELETE ☐ REVISE 2002 PAGE 7 OF 10

I. FACILITY INFORMATION

BUSINESS NAME (same as FACILITY NAME or DBA - Doing Business As) 3: **Billings Chevrolet**

CHEMICAL LOCATION 201: **Detail Area** | CONFIDENTIAL LOCATION 202: CONFIDENTIAL (EPCRA) ☐ YES ☒ NO

FACILITY ID # 1 | MAP # (Optional) 203 | GRID # (Optional) 204

II. CHEMICAL INFORMATION

CHEMICAL NAME 205: **Misc. Soaps/ Detergents** | TRADE SECRET ☐ YES ☒ NO 206 (If subject to EPCRA, refer to instructions)

COMMON NAME 207: **Soaps/ Detergents** | EHS * ☐ YES ☒ NO 208

CAS # 209: **Mixture** | * If EHS is "Yes", all amounts below must be in lbs.

FIRE CODE HAZARD CLASSES (Complete if required by CUPA) 210

HAZARDOUS MATERIAL TYPE (Check one item only) 211: ☐ PURE ☒ MIXTURE ☐ WASTE | RADIOACTIVE 212: ☐ YES ☒ NO | CURIES 213

PHYSICAL STATE (Check one item only) 214: ☐ SOLID ☒ LIQUID ☐ GAS | LARGEST CONTAINER 215: **55**

FEDERAL HAZARD CATEGORIES (Check all that apply) 216: ☒ FIRE ☐ REACTION ☐ PRESSURE RELEASE ☒ ACUTE HEALTH ☐ CHRONIC HEALTH

AVG DAILY AMOUNT 217	MAX DAILY AMOUNT 218	ANNUAL WASTE AMOUNT 219	STATE WASTE CODE 220
28	**165**	**N/A**	**N/A**

UNITS * (Check one item only) ☒ GAL ☐ CU FT ☐ LBS ☐ TONS 221 | DAYS ON SITE 222: **365**

* If EHS, Amount must be reported in pounds

STORAGE CONTAINER 223

☐ A. ABOVEGROUND TANK	☒ E. PLASTIC/NONMETALLIC DRUM	☐ I. FIBER DRUM	☐ M. GLASS BOTTLE	☐ Q. RAIL CAR
☐ B. UNDERGROUND TANK	☐ F. CAN	☐ J. BAG	☒ N. PLASTIC BOTTLE	☐ R. OTHER_____
☐ C. TANK INSIDE BUILDING	☐ G. CARBOY	☐ K. BOX	☐ O. TOTE BIN	
☐ D. STEEL DRUM	☐ H. SILO	☐ L. CYLINDER	☐ P. TANK WAGON	

STORAGE PRESSURE ☒ A. AMBIENT ☐ B. ABOVE AMBIENT ☐ C. BELOW AMBIENT 224

STORAGE TEMPERATURE ☒ A. AMBIENT ☐ B. ABOVE AMBIENT ☐ C. BELOW AMBIENT ☐ D. CRYOGENIC 225

	%WT	HAZARDOUS COMPONENT (for mixture or waste only)	EHS	CAS#
1	226: **N/A**	227: **Various Detergents**	228: ☐ YES ☒ NO	229: **N/A**
2	230	231	232: ☐ YES ☐ NO	233
3	234	235	236: ☐ YES ☐ NO	237
4	238	239	240: ☐ YES ☐ NO	241
5	242	243	244: ☐ YES ☐ NO	245

If more hazardous components are present at greater than 1% by weight if non-carcinogenic, or 0.1% by weight if carcinogenic, attach additional sheets of paper capturing the required information.

ADDITIONAL LOCALLY COLLECTED INFORMATION 246

If EPCRA, Please Sign Here

FIED PROGRAM CONSOLIDATED FOR

HAZARDOUS MATERIALS

HAZARDOUS MATERIALS INVENTORY - CHEMICAL DESCRIPTION

(ONE PAGE PER MATERIAL PER BUILDING OR AREA)

☒ ADD ☐ DELETE ☐ REVISE 2002 PAGE 8 OF 10

I. FACILITY INFORMATION

BUSINESS NAME (same as FACILITY NAME or DBA - Doing Business As) 3: **Billings Chevrolet**

CHEMICAL LOCATION 201: **Service Area**

CONFIDENTIAL LOCATION 202
CONFIDENTIAL (EPCRA) ☐ YES ☒ NO

FACILITY ID # 1

MAP # (Optional) 203

GRID # (Optional) 204

II. CHEMICAL INFORMATION

CHEMICAL NAME 205: **Ethylene Glycol**

TRADE SECRET ☐ YES ☒ NO 206
If subject to EPCRA, refer to instructions

COMMON NAME 207: **Waste Antifreeze**

EHS * ☐ YES ☒ NO 208

CAS # 209: **Mixture**

* If EHS is "Yes", all amounts below must be in lbs.

FIRE CODE HAZARD CLASSES (Complete if required by CUPA) 210: **Combustible Liquid Class III-B**

HAZARDOUS MATERIAL TYPE (Check one item only) 211: ☐ PURE ☐ MIXTURE ☒ WASTE

RADIOACTIVE 212: ☐ YES ☒ NO

CURIES 213:

PHYSICAL STATE (Check one item only) 214: ☐ SOLID ☒ LIQUID ☐ GAS

LARGEST CONTAINER 215: **500**

FEDERAL HAZARD CATEGORIES (Check all that apply) 216: ☒ FIRE ☐ REACTION ☐ PRESSURE RELEASE ☒ ACUTE HEALTH ☐ CHRONIC HEALTH

AVG DAILY AMOUNT	MAX DAILY AMOUNT	ANNUAL WASTE AMOUNT	STATE WASTE CODE
217: **150**	218: **500**	219: **1125**	220: **0135**

UNITS * (Check one item only) 221: ☒ GAL ☐ CU FT ☐ LBS ☐ TONS
* If EHS, Amount must be reported in pounds

DAYS ON SITE 222: **365**

STORAGE CONTAINER 223:

☒ A. ABOVEGROUND TANK	☐ E. PLASTIC/NONMETALLIC DRUM	☐ I. FIBER DRUM	☐ M. GLASS BOTTLE	☐ Q. RAIL CAR
☐ B. UNDERGROUND TANK	☐ F. CAN	☐ J. BAG	☐ N. PLASTIC BOTTLE	☐ R. OTHER_____
☐ C. TANK INSIDE BUILDING	☐ G. CARBOY	☐ K. BOX	☐ O. TOTE BIN	
☐ D. STEEL DRUM	☐ H. SILO	☐ L. CYLINDER	☐ P. TANK WAGON	

STORAGE PRESSURE 224: ☒ A. AMBIENT ☐ B. ABOVE AMBIENT ☐ C. BELOW AMBIENT

STORAGE TEMPERATURE 225: ☒ A. AMBIENT ☐ B. ABOVE AMBIENT ☐ C. BELOW AMBIENT ☐ D. CRYOGENIC

	%WT	HAZARDOUS COMPONENT (for mixture or waste only)	EHS	CAS#
1	226: 50	227: Ethylene Glycol	228: ☐ YES ☒ NO	229: 107-21-1
2	230: 45	231: Water	232: ☐ YES ☒ NO	233: 7732-32-5
3	234: 5	235: Additives	236: ☐ YES ☒ NO	237: Mixture
4	238:	239:	240: ☐ YES ☐ NO	241:
5	242:	243:	244: ☐ YES ☐ NO	245:

If more hazardous components are present at greater than 1% by weight if non-carcinogenic, or 0.1% by weight if carcinogenic, attach additional sheets of paper capturing the required information.

ADDITIONAL LOCALLY COLLECTED INFORMATION 246:

If EPCRA, Please Sign Here

FIED PROGRAM CONSOLIDATED FORM

HAZARDOUS MATERIALS

HAZARDOUS MATERIALS INVENTORY - CHEMICAL DESCRIPTION

(ONE PAGE PER MATERIAL PER BUILDING OR AREA)

☒ ADD ☐ DELETE ☐ REVISE 2002 PAGE 9 OF 10

I. FACILITY INFORMATION

BUSINESS NAME (same as FACILITY NAME or DBA - Doing Business As) 3: **Billings Chevrolet**

CHEMICAL LOCATION 201: **Service Area** | CONFIDENTIAL LOCATION 202: CONFIDENTIAL (EPCRA) ☐ YES ☒ NO

FACILITY ID # 1 | MAP # (Optional) 203 | GRID # (Optional) 204

II. CHEMICAL INFORMATION

CHEMICAL NAME 205: **Petroleum Distillate** | TRADE SECRET ☐ YES ☒ NO 206 — If subject to EPCRA, refer to instructions

COMMON NAME 207: **Waste Motor Oil** | EHS * ☐ YES ☒ NO 208

CAS # 209: **Mixture** | * If EHS is "Yes", all amounts below must be in lbs.

FIRE CODE HAZARD CLASSES (Complete if required by CUPA) 210: **Combustible Liquid Class III-B**

HAZARDOUS MATERIAL TYPE (Check one item only) 211: ☐ PURE ☐ MIXTURE ☒ WASTE | RADIOACTIVE 212: ☐ YES ☒ NO | CURIES 213

PHYSICAL STATE (Check one item only) 214: ☐ SOLID ☒ LIQUID ☐ GAS | LARGEST CONTAINER 215: **500**

FEDERAL HAZARD CATEGORIES (Check all that apply) 216: ☒ FIRE ☐ REACTION ☐ PRESSURE RELEASE ☒ ACUTE HEALTH ☐ CHRONIC HEALTH

AVG DAILY AMOUNT 217	MAX DAILY AMOUNT 218	ANNUAL WASTE AMOUNT 219	STATE WASTE CODE 220
300	500	6275	0221

UNITS * (Check one item only) 221: ☒ GAL ☐ CU FT ☐ LBS ☐ TONS — * If EHS, Amount must be reported in pounds | DAYS ON SITE 222: **365**

STORAGE CONTAINER 223:

- ☒ A. ABOVEGROUND TANK
- ☐ B. UNDERGROUND TANK
- ☐ C. TANK INSIDE BUILDING
- ☐ D. STEEL DRUM
- ☐ E. PLASTIC/NONMETALLIC DRUM
- ☐ F. CAN
- ☐ G. CARBOY
- ☐ H. SILO
- ☐ I. FIBER DRUM
- ☐ J. BAG
- ☐ K. BOX
- ☐ L. CYLINDER
- ☐ M. GLASS BOTTLE
- ☐ N. PLASTIC BOTTLE
- ☐ O. TOTE BIN
- ☐ P. TANK WAGON
- ☐ Q. RAIL CAR
- ☐ R. OTHER_____

STORAGE PRESSURE 224: ☒ A. AMBIENT ☐ B. ABOVE AMBIENT ☐ C. BELOW AMBIENT

STORAGE TEMPERATURE 225: ☒ A. AMBIENT ☐ B. ABOVE AMBIENT ☐ C. BELOW AMBIENT ☐ D. CRYOGENIC

	%WT	HAZARDOUS COMPONENT (for mixture or waste only)	EHS	CAS#
1	75 (226)	Refined Base Oils (227)	☐ YES ☒ NO (228)	64742-55-8 (229)
2	10 (230)	Additives (231)	☐ YES ☒ NO (232)	68649-42-3 (233)
3	10 (234)	Dirt/Fuels/Water (235)	☐ YES ☒ NO (236)	Mixture (237)
4	(238)	(239)	☐ YES ☐ NO (240)	(241)
5	(242)	(243)	☐ YES ☐ NO (244)	(245)

If more hazardous components are present at greater than 1% by weight if non-carcinogenic, or 0.1% by weight if carcinogenic, attach additional sheets of paper capturing the required information.

ADDITIONAL LOCALLY COLLECTED INFORMATION 246

If EPCRA, Please Sign Here

FIED PROGRAM CONSOLIDATED FOR

HAZARDOUS MATERIALS

HAZARDOUS MATERIALS INVENTORY - CHEMICAL DESCRIPTION

(ONE PAGE PER MATERIAL PER BUILDING OR AREA)

☐ ADD ☐ DELETE ☒ REVISE 2002 PAGE 10 OF 10

I. FACILITY INFORMATION

BUSINESS NAME (same as FACILITY NAME or DBA - Doing Business As) 3: **Billings Chevrolet**

CHEMICAL LOCATION 201: **Service Area** | CONFIDENTIAL LOCATION 202 | CONFIDENTIAL (EPCRA) ☐ YES ☒ NO

FACILITY ID # 1 | MAP # (Optional) 203 | GRID # (Optional) 204

II. CHEMICAL INFORMATION

CHEMICAL NAME 205: **Mineral Spirits** | TRADE SECRET ☐ YES ☒ NO 206 | If subject to EPCRA, refer to instructions

COMMON NAME 207: **Stoddard Solvent** | EHS * ☐ YES ☒ NO 208

CAS # 209: **64741-41-9** | * If EHS is "Yes", all amounts below must be in lbs

FIRE CODE HAZARD CLASSES (Complete if required by CUPA) 210

HAZARDOUS MATERIAL TYPE (Check one item only) 211: ☒ PURE ☐ MIXTURE ☐ WASTE

RADIOACTIVE 212: ☐ YES ☒ NO

CURIES 213

PHYSICAL STATE (Check one item only) 214: ☐ SOLID ☒ LIQUID ☐ GAS

LARGEST CONTAINER 215: **30**

FEDERAL HAZARD CATEGORIES (Check all that apply) 216: ☒ FIRE ☐ REACTION ☐ PRESSURE RELEASE ☒ ACUTE HEALTH ☐ CHRONIC HEALTH

AVG DAILY AMOUNT 217: **15** | MAX DAILY AMOUNT 218: **80** | ANNUAL WASTE AMOUNT 219: **N/A** | STATE WASTE CODE 220: **213**

UNITS * (Check one item only) 221: ☒ GAL ☐ CU FT ☐ LBS ☐ TONS

* If EHS, Amount must be reported in pounds

DAYS ON SITE 222: **365**

STORAGE CONTAINER 223

☐ A. ABOVEGROUND TANK	☐ E. PLASTIC/NONMETALLIC DRUM	☐ I. FIBER DRUM	☐ M. GLASS BOTTLE	☐ Q. RAIL CAR
☐ B. UNDERGROUND TANK	☐ F. CAN	☐ J. BAG	☐ N. PLASTIC BOTTLE	☐ R. OTHER_____
☐ C. TANK INSIDE BUILDING	☐ G. CARBOY	☐ K. BOX	☐ O. TOTE BIN	
☒ D. STEEL DRUM	☐ H. SILO	☐ L. CYLINDER	☐ P. TANK WAGON	

STORAGE PRESSURE 224: ☒ A. AMBIENT ☐ B. ABOVE AMBIENT ☐ C. BELOW AMBIENT

STORAGE TEMPERATURE 225: ☒ A. AMBIENT ☐ B. ABOVE AMBIENT ☐ C. BELOW AMBIENT ☐ D. CRYOGENIC

	%WT	HAZARDOUS COMPONENT (for mixture or waste only)	EHS	CAS#
1	226: 85	227: C9-C13-Hyrdocarbons	228: ☐ YES ☒ NO	229: 64741-41-9
2	230: 12	231: C9 Aromatics	232: ☐ YES ☒ NO	233: Mixture
3	234: 1	235: Xylene	236: ☐ YES ☒ NO	237: 1330-20-7
4	238:	239:	240: ☐ YES ☐ NO	241:
5	242:	243:	244: ☐ YES ☐ NO	245:

If more hazardous components are present at greater than 1% by weight if non-carcinogenic, or 0.1% by weight if carcinogenic, attach additional sheets of paper capturing the required information

ADDITIONAL LOCALLY COLLECTED INFORMATION 246

If EPCRA, Please Sign Here

UNIFIED PROGRAM CONSOLIDATED FORM
HAZARDOUS MATERIALS

HAZARDOUS MATERIALS INVENTORY – CHEMICAL DESCRIPTION

(one page per material per building or area)

☒ ADD ☐ DELETE ☐ REVISE 2.0 Page ___ of ___

I. FACILITY INFORMATION

BUSINESS NAME (Same as FACILITY NAME or DBA – Doing Business As) 3.
Billings Chevrolet

CHEMICAL LOCATION 201.
Service Area

CHEMICAL LOCATION CONFIDENTIAL EPCRA 202.
☐ YES ☒ NO

FACILITY ID # (Agency Use Only) 1.

MAP # 203.

GRID # 204.

II. CHEMICAL INFORMATION

CHEMICAL NAME 205.

TRADE SECRET ☐ Yes ☐ No 206.
If Subject to EPCRA, refer to instructions

COMMON NAME 207.
Mirachem 500 Cleaner Degreaser

EHS* ☐ Yes ☒ No 208.

CAS# 209.
NA

*If EHS is "Yes," all amounts below must be in lbs.

FIRE CODE HAZARD CLASSES (Complete if required by local agency) 210.
CLIIIB, frr

HAZARDOUS MATERIAL TYPE (Check one item only) ☐ a. PURE ☒ b. MIXTURE ☐ c. WASTE 211.

RADIOACTIVE ☐ Yes ☒ No 212.

CURIES 213.

PHYSICAL STATE (Check one item only) ☐ a. SOLID ☒ b. LIQUID ☐ c. GAS 214.

LARGEST CONTAINER 30 215.

FED HAZARD CATEGORIES (Check all that apply) 216.
☒ a. FIRE ☐ b. REACTIVE ☐ c. PRESSURE RELEASE ☐ d. ACUTE HEALTH ☐ e. CHRONIC HEALTH

AVERAGE DAILY AMOUNT 217.	MAXIMUM DAILY AMOUNT 218.	ANNUAL WASTE AMOUNT 219.	STATE WASTE CODE 220.
15	80		

UNITS* (Check one item only) 221.
☒ a. GALLONS ☐ b. CUBIC FEET ☐ c. POUNDS ☐ d. TONS
* If EHS, amount must be in pounds.

DAYS ON SITE 222.
365

STORAGE CONTAINER 223.
☐ a. ABOVEGROUND TANK ☒ e. PLASTIC/NONMETALLIC DRUM ☐ i. FIBER DRUM ☐ m. GLASS BOTTLE ☐ q. RAIL CAR
☐ b. UNDERGROUND TANK ☐ f. CAN ☐ j. BAG ☐ n. PLASTIC BOTTLE ☐ r. OTHER
☐ c. TANK INSIDE BUILDING ☐ g. CARBOY ☐ k. BOX ☐ o. TOTE BIN
☐ d. STEEL DRUM ☐ h. SILO ☐ l. CYLINDER ☐ p. TANK WAGON

STORAGE PRESSURE 224.
☒ a. AMBIENT ☐ b. ABOVE AMBIENT ☐ c. BELOW AMBIENT

STORAGE TEMPERATURE 225.
☒ a. AMBIENT ☐ b. ABOVE AMBIENT ☐ c. BELOW AMBIENT ☐ d. CRYOGENIC

	% WT	HAZARDOUS COMPONENT (For mixture or waste only)	EHS	CAS #
1.	226.	227.	☐ Yes ☐ No 228.	229.
2.	230.	231.	☐ Yes ☐ No 232.	233.
3.	234.	235.	☐ Yes ☐ No 236.	237.
4.	238.	239.	☐ Yes ☐ No 240.	241.
5.	242.	243.	☐ Yes ☐ No 244.	245.

If more hazardous components are present at greater than 1% by weight if non-carcinogenic, or 0.1% by weight if carcinogenic, attach additional sheets of paper capturing the required information.

ADDITIONAL LOCALLY COLLECTED INFORMATION 246.
DOT Hazard Class: ____

If EPCRA, Please Sign Here.

MILPITAS FIRE DEPARTMENT
HAZARDOUS MATERIALS & ENVIRONMENTAL SERVICES UNIT INSPECTION REPORT
MILPITAS MUNICIPAL CODE UNIFORM FIRE CODE "1997" EDITION

Fire Department Number
93-0001

BILLINGS CHEVROLET
Business Name

00600 Barber Ln
Business Address

Jerry Mays — Contact
453-8200 — Phone Number

		Additional Inspection Time
Inspection Date	04/02/02	
Scheduled 2nd Inspection Date		Hr.
2nd Inspection Date		
Scheduled 3rd Inspection Date		Hr.
3rd Inspection Date		

You will be billed for all additional inspection time required to gain compliance.

The Hazardous Materials & Environmental Services Unit of the Bureau of Fire Prevention conducted an inspection at the above address. This notice identifies code violations and the minimum requirements necessary to comply. Items marked with an "X" below will require your attention to come into compliance. Additional information may be written on this notice by the Inspector to provide you with direction for compliance.

		DATE ABATED:
___	1. Storage cabinets for flammable or combustible liquids shall have well fitted, self closing doors with a latching device; labeled "FLAMMABLE-KEEP FIRE AWAY"; bottom 2 inches liquid tight. [UFC 7902.5.9.3]	
___	2. All flammable and combustible liquids in excess of maintenance and work station amounts (10 gallons) shall be located in an approved storage cabinet. Volumes stored shall not exceed those permitted by the Fire Code. [UFC 7902.5.8]	
___	3. Empty tanks and containers previously used for flammable and combustible liquids unless free from explosive vapors, shall be stored as full with cover or plugs in place. [UFC 7902.5.3]	
___	4. Storage of class I, II, or IIIA liquids shall not be near exit doorways, stairways or a location which may impede egress. [UFC 7902.5.5]	
___	5. Dispensing of class I liquids is only allowed from approved safety cans or original containers. UFC 7903.1.3.5]	
___	6. Class IA flammable liquids shall not be dispensed by gravity from tanks. [UFC 7903.1.3.5]	
___	7. When a flammable mixture is transferred from one container to another one shall be grounded. Piping systems shall be permanently grounded. [UFC 7903.2.1.3]	
___	8. Storage cabinets for hazardous materials liquids shall have well fitted, self closing doors equipped with a self latching device; bottom 2 inches liquid tight and labeled "HAZARDOUS-KEEP FIRE AWAY". [UFC 8003.1.10.6.2]	
___	9. Secondary containment is required for areas where hazardous materials are stored. [UFC 8003.1.3.3]	
___	10. Individual storage areas shall have dedicated drainage to prevent mixing of incompatible materials. [UFC 8003.1.3.3]	
___	11. Containers previously containing a regulated material shall not be used to store a different material unless container is cleaned in an approved manner and properly labeled for new contents. [UFC 8001.4.6]	
___	12. All containers in storage shall be arranged in an approved manner, non-compatibles separated (flammables, corrosives, oxidizers, etc.). [UFC 8001.11.8]	
___	13. Signs prohibiting smoking shall be provided in storage areas and within 25 feet of outdoor storage areas. [UFC 8003.1.2]	
___	14. Gas cylinders shall be properly identified, located, and secured. [UFC 7401.5.7, 7401.6.4, 7902.1.8.1.1]	
___	15. Empty containers and tanks previously used for the storage of hazardous materials shall be free rom residual materials and vapor as defined by DOT, RCRA or other regulating authority or aintained as specified for the storage of hazardous materials. [UFC 8001.4.6]	

Fire Department Number 87-0213

___ 16. Open flames & high-temperature devices shall not be used in a manner which creates a hazardous condition. [UFC 8001.9]

___ 17. Material Safety Data Sheets (MSDS) shall be available at the facility for all materials present. UFC 8001.6]

X 18. All regulated material waste shall be disposed of in an approved manner. Hazardous materials shall not be released into the sewer, storm drain, ditch, drainage canal, lake, river, or tidal waterway, or upon the ground, sidewalk, street, highway or into the atmosphere. [UFC 8001.5.1] Conference room

___ 19. Individual containers, cartons, packages shall be conspicuously marked or labeled in accordance with nationally recognized standards. [UFC 8001.8]

___ 20. Entrances to areas where hazardous materials are stored, and stationary above ground tanks shall be placarded with NFPA 704 Hazard Signal System for the material(s) contained. [UFC 8001.7 , 8003.1.2]

___ 21. All above ground piping shall be properly secured and labeled identifying product and direction of flow every 20 feet. [8001.4.3.2 as amended by MMC-V-300-2.52]

___ 22. Process equipment shall be maintained as designed to prevent accidental discharge of hazardous materials. [UFC 8001.4.7.1]

___ 23. A (revised) Hazardous Materials Business Plan shall be submitted within 10 days.[UFC 8001.3.2]

___ 24. A monitoring method capable of detecting hazardous material leakage from the primary containment into the secondary containment shall be provided. [UFC 8003.1.3.3 as amended by MMC-V-300-2.98]

___ 25. Routine inspections of all hazardous materials storage areas and spills of hazardous materials shall be recorded on a monitoring log. [UFC 8003.1.3]

___ 26. All processes new to the facility shall have Fire Department approval prior to installation and use. UFC 8001.3.1]

___ 27. A permit is required to install, repair, abandon, remove, place temporarily out of service, close or substantially modify a storage facility. [UFC 8001.3.1,]

ORDERS:

X 1. Fire extinguisher behind gasoline tank needs service

___ 2.

ADDITIONAL INFORMATION:

For your information: If your business handles hazardous waste, Santa Clara County Hazardous Materials Compliance Division may perform an inspection of your business. For more information, contact 299-6930.

A reinspection shall be made on or about the date shown on the first page under "Scheduled 2nd Inspection Date" to determine if violation(s) noted above have been corrected and/or orders complied with.
If violations remain after the 2nd inspection date; a reinspection shall be made on or about the date shown on the first page under "Scheduled 3rd Inspection Date" to determine if violation(s) have been corrected.
Failure to comply with orders and correct violations may render you liable to the penalties as set forth by law.

Received By: _____ Inspector: _____

Milpitas Fire Department, Bureau of Fire Prevention, 455 E. Calaveras Blvd., Milpitas, CA 95035
Phone (408) 586-3365 FAX (408) 586-3378

MILPITAS FIRE DEPARTMENT
HAZARDOUS MATERIALS & ENVIRONMENTAL SERVICES UNIT INSPECTION REPORT
MILPITAS MUNICIPAL CODE UNIFORM FIRE CODE "1997" EDITION

Fire Department Number
93-0001

BILLINGS CHEVROLET
Business Name
00600 Barber Ln
Business Address

JERRY MAYS — 453-8200
Contact — Phone Number

Additional Inspection Time

Inspection Date 04/25/01
Scheduled 2nd Inspection Date _____ Hr.
2nd Inspection Date _____
Scheduled 3rd Inspection Date _____ Hr.
3rd Inspection Date _____

You will be billed for all additional inspection time required to gain compliance.

The Hazardous Materials & Environmental Services Unit of the Bureau of Fire Prevention conducted an inspection at the above address. This notice identifies code violations and the minimum requirements necessary to comply. Items marked with an "X" below will require your attention to come into compliance. Additional information may be written on this notice by the Inspector to provide you with direction for compliance.

		DATE ABATED:
___	1. Storage cabinets for flammable or combustible liquids shall have well fitted, self closing doors with a latching device; labeled "FLAMMABLE-KEEP FIRE AWAY"; bottom 2 inches liquid tight. [UFC 7902.5.9.3]	
___	2. All flammable and combustible liquids in excess of maintenance and work station amounts (10 gallons) shall be located in an approved storage cabinet. Volumes stored shall not exceed those permitted by the Fire Code. [UFC 7902.5.8]	
___	3. Empty tanks and containers previously used for flammable and combustible liquids unless free from explosive vapors, shall be stored as full with cover or plugs in place. [UFC 7902.5.3]	
___	4. Storage of class I, II, or IIIA liquids shall not be near exit doorways, stairways or a location which may impede egress. [UFC 7902.5.5]	
___	5. Dispensing of class I liquids is only allowed from approved safety cans or original containers. UFC 7903.1.3.5]	
___	6. Class IA flammable liquids shall not be dispensed by gravity from tanks. [UFC 7903.1.3.5]	
___	7. When a flammable mixture is transferred from one container to another one shall be grounded. Piping systems shall be permanently grounded. [UFC 7903.2.1.3]	
___	8. Storage cabinets for hazardous materials liquids shall have well fitted, self closing doors equipped with a self latching device; bottom 2 inches liquid tight and labeled "HAZARDOUS-KEEP FIRE AWAY". [UFC 8003.1.10.6.2]	
___	9. Secondary containment is required for areas where hazardous materials are stored. [UFC 8003.1.3.3]	
___	10. Individual storage areas shall have dedicated drainage to prevent mixing of incompatible materials. [UFC 8003.1.3.3]	
___	11. Containers previously containing a regulated material shall not be used to store a different material unless container is cleaned in an approved manner and properly labeled for new contents. [UFC 8001.4.6]	
___	12. All containers in storage shall be arranged in an approved manner, non-compatibles separated (flammables, corrosives, oxidizers, etc.). [UFC 8001.11.8]	
___	13. Signs prohibiting smoking shall be provided in storage areas and within 25 feet of outdoor storage areas. [UFC 8003.1.2]	
___	14. Gas cylinders shall be properly identified, located, and secured. [UFC 7401.5.7, 7401.6.4, 7902.1.8.1.1]	
___	15. Empty containers and tanks previously used for the storage of hazardous materials shall be free rom residual materials and vapor as defined by DOT, RCRA or other regulating authority or aintained as specified for the storage of hazardous materials. [UFC 8001.4.6]	

Fire Department Number 97-0215

___ 16. Open flames & high-temperature devices shall not be used in a manner which creates a hazardous condition. [UFC 8001.9]

___ 17. Material Safety Data Sheets (MSDS) shall be available at the facility for all materials present. UFC 8001.6]

X 18. All regulated material waste shall be disposed of in an approved manner. Hazardous materials shall not be released into the sewer, storm drain, ditch, drainage canal, lake, river, or tidal waterway, or upon the ground, sidewalk, street, highway or into the atmosphere. [UFC 8001.5.1] Clean area around oil filter storage

___ 19. Individual containers, cartons, packages shall be conspicuously marked or labeled in accordance with nationally recognized standards. [UFC 8001.8]

___ 20. Entrances to areas where hazardous materials are stored, and stationary above ground tanks shall be placarded with NFPA 704 Hazard Signal System for the material(s) contained. [UFC 8001.7 , 8003.1.2]

___ 21. All above ground piping shall be properly secured and labeled identifying product and direction of flow every 20 feet. [8001.4.3.2 as amended by MMC-V-300-2.52]

___ 22. Process equipment shall be maintained as designed to prevent accidental discharge of hazardous materials. [UFC 8001.4.7.1]

___ 23. A (revised) Hazardous Materials Business Plan shall be submitted within 10 days.[UFC 8001.3.2]

___ 24. A monitoring method capable of detecting hazardous material leakage from the primary containment into the secondary containment shall be provided. [UFC 8003.1.3.3 as amended by MMC-V-300-2.98]

___ 25. Routine inspections of all hazardous materials storage areas and spills of hazardous materials shall be recorded on a monitoring log. [UFC 8003.1.3]

___ 26. All processes new to the facility shall have Fire Department approval prior to installation and use. UFC 8001.3.1]

___ 27. A permit is required to install, repair, abandon, remove, place temporarily out of service, close or substantially modify a storage facility. [UFC 8001.3.1,]

ORDERS:

X 1. Clean compressor room.

___ 2.

ADDITIONAL INFORMATION:

For your information: If your business handles hazardous waste, Santa Clara County Hazardous Materials Compliance Division may perform an inspection of your business. For more information, contact 299-6930.

A reinspection shall be made on or about the date shown on the first page under "Scheduled 2nd Inspection Date" to determine if violation(s) noted above have been corrected and/or orders complied with.
If violations remain after the 2nd inspection date, a reinspection shall be made on or about the date shown on the first page under "Scheduled 3rd Inspection Date" to determine if violation(s) have been corrected.
Failure to comply with orders and correct violations may render you liable to the penalties as set forth by law.

Received By: Richard A. Lavoie Inspector: D. Smith

Milpitas Fire Department, Bureau of Fire Prevention, 455 E. Calaveras Blvd., Milpitas, CA 95035
Phone (408) 586-3365 FAX (408) 586-3378

MILPITAS FIRE DEPARTMENT
HAZARDOUS MATERIALS & ENVIRONMENTAL SERVICES UNIT INSPECTION REPORT
MILPITAS MUNICIPAL CODE UNIFORM FIRE CODE "1997" EDITION

Fire Department Number
93-0001

BILLINGS CHEVROLET
Business Name
00600 Barber Ln
Business Address

JERRY MAYS — 453-8200
Contact — Phone Number

		Additional Inspection Time
Inspection Date	03/29/00	
Scheduled 2nd Inspection Date		Hr.
2nd Inspection Date		
Scheduled 3rd Inspection Date		Hr.
3rd Inspection Date		

You will be billed for all additional inspection time required to gain compliance.

The Hazardous Materials & Environmental Services Unit of the Bureau of Fire Prevention conducted an inspection at the above address. This notice identifies code violations and the minimum requirements necessary to comply. Items marked with an "X" below will require your attention to come into compliance. Additional information may be written on this notice by the Inspector to provide you with direction for compliance.

		DATE ABATED:
___	1. Storage cabinets for flammable or combustible liquids shall have well fitted, self closing doors with a latching device; labeled "FLAMMABLE-KEEP FIRE AWAY"; bottom 2 inches liquid tight. [UFC 7902.5.9.3]	
___	2. All flammable and combustible liquids in excess of maintenance and work station amounts (10 gallons) shall be located in an approved storage cabinet. Volumes stored shall not exceed those permitted by the Fire Code. [UFC 7902.5.8]	
___	3. Empty tanks and containers previously used for flammable and combustible liquids unless free from explosive vapors, shall be stored as full with cover or plugs in place. [UFC 7902.5.3]	
___	4. Storage of class I, II, or IIIA liquids shall not be near exit doorways, stairways or a location which may impede egress. [UFC 7902.5.5]	
___	5. Dispensing of class I liquids is only allowed from approved safety cans or original containers. UFC 7903.1.3.5]	
___	6. Class IA flammable liquids shall not be dispensed by gravity from tanks. [UFC 7903.1.3.5]	
___	7. When a flammable mixture is transferred from one container to another one shall be grounded. Piping systems shall be permanently grounded. [UFC 7903.2.1.3]	
___	8. Storage cabinets for hazardous materials liquids shall have well fitted, self closing doors equipped with a self latching device; bottom 2 inches liquid tight and labeled "HAZARDOUS-KEEP FIRE AWAY". [UFC 8003.1.10.6.2]	
___	9. Secondary containment is required for areas where hazardous materials are stored. [UFC 8003.1.3.3]	
___	10. Individual storage areas shall have dedicated drainage to prevent mixing of incompatible materials. [UFC 8003.1.3.3]	
___	11. Containers previously containing a regulated material shall not be used to store a different material unless container is cleaned in an approved manner and properly labeled for new contents. [UFC 8001.4.6]	
___	12. All containers in storage shall be arranged in an approved manner, non-compatibles separated (flammables, corrosives, oxidizers, etc.). [UFC 8001.11.8]	
___	13. Signs prohibiting smoking shall be provided in storage areas and within 25 feet of outdoor storage areas. [UFC 8003.1.2]	
___	14. Gas cylinders shall be properly identified, located, and secured. [UFC 7401.5.7, 7401.6.4, 7902.1.8.1.1]	
___	15. Empty containers and tanks previously used for the storage of hazardous materials shall be free rom residual materials and vapor as defined by DOT, RCRA or other regulating authority or aintained as specified for the storage of hazardous materials. [UFC 8001.4.6]	

Fire Department Number [ ]

___ 16. Open flames & high-temperature devices shall not be used in a manner which creates a hazardous condition. [UFC 8001.9] ___

___ 17. Material Safety Data Sheets (MSDS) shall be available at the facility for all materials present. UFC 8001.6] ___

___ 18. All regulated material waste shall be disposed of in an approved manner. Hazardous materials shall not be released into the sewer, storm drain, ditch, drainage canal, lake, river, or tidal waterway, or upon the ground, sidewalk, street, highway or into the atmosphere. [UFC 8001.5.1] ___

___ 19. Individual containers, cartons, packages shall be conspicuously marked or labeled in accordance ith nationally recognized standards. [UFC 8001.8] ___

___ 20. Entrances to areas where hazardous materials are stored, and stationary above ground tanks shall be placarded with NFPA 704 Hazard Signal System for the material(s) contained. [UFC 8001.7 , 8003.1.2] ___

___ 21. All above ground piping shall be properly secured and labeled identifying product and direction of flow every 20 feet. [8001.4.3.2 as amended by MMC-V-300-2.52] ___

___ 22. Process equipment shall be maintained as designed to prevent accidental discharge of hazardous materials. [UFC 8001.4.7.1] ___

___ 23. A (revised) Hazardous Materials Business Plan shall be submitted within 10 days.[UFC 8001.3.2] ___

___ 24. A monitoring method capable of detecting hazardous material leakage from the primary containment into the secondary containment shall be provided. [UFC 8003.1.3.3 as amended by MMC-V-300-2.98] ___

___ 25. Routine inspections of all hazardous materials storage areas and spills of hazardous materials shall be recorded on a monitoring log. [UFC 8003.1.3] ___

___ 26. All processes new to the facility shall have Fire Department approval prior to installation and use. UFC 8001.3.1] ___

___ 27. A permit is required to install, repair, abandon, remove, place temporarily out of service, close or substantially modify a storage facility. [UFC 8001.3.1,] ___

ORDERS:

___ 1. CLEAN OUT OIL FROM SECONDARY CONTAINMENT TANK (VIRGIN OIL)

___ 2. COVER ABOVE TANK TO PROTECT FROM RAINWATER EXPOSURE

ADDITIONAL INFORMATION:

RUNOFF FROM CARWASH SHOULD NOT GO TO PARKING LOT
NON POINT SOURCE VIOLATION

For your information: If your business handles hazardous waste, Santa Clara County Hazardous Materials Compliance Division may perform an inspection of your business. For more information, contact 299-6930.

A reinspection shall be made on or about the date shown on the first page under "Scheduled 2nd Inspection Date" to determine if violation(s) noted above have been corrected and/or orders complied with.
If violations remain after the 2nd inspection date, a reinspection shall be made on or about the date shown on the first page under "Scheduled 3rd Inspection Date" to determine if violation(s) have been corrected.
Failure to comply with orders and correct violations may render you liable to the penalties as set forth by law.

JOHN STALLINGS

Received By: John Stallings Inspector: Paul Joyce

Milpitas Fire Department, Bureau of Fire Prevention, 455 E. Calaveras Blvd., Milpitas, CA 95035
Phone (408) 586-3365 FAX (408) 586-3378

BOB HANDLEY

MILPITAS FIRE DEPARTMENT
HAZARDOUS MATERIALS & ENVIRONMENTAL SERVICES UNIT INSPECTION REPORT

MILPITAS MUNICIPAL CODE UNIFORM FIRE CODE "1994" EDITION

Fire Department Number
93-0001

BILLINGS CHEVROLET
Business Name

00600 BARBER LN
Business Address

JERRY MAYS — Contact
453-8200 — Phone Number

Inspection Date 03/26/99

Additional Inspection

Scheduled 2nd Inspection Date_____

2nd Inspection Date_____ _____ Hr.

Scheduled 3rd Inspection Date_____

3rd Inspection Date_____ _____ Hr.

You will be billed for all additional inspection time required to gain compliance.

The Hazardous Materials & Environmental Services Unit of the Bureau of Fire Prevention conducted an inspection at the above address. This notice identifies code violations and the minimum requirements necessary to comply. Items marked with an "X" below will require your attention to come into compliance. Additional information may be written on this notice by the Inspector to provide you with direction for compliance.

		DATE ABATED:
___ 1.	Storage cabinets for flammable or combustible liquids shall have well fitted, self closing doors with a latching device; labeled "FLAMMABLE-KEEP FIRE AWAY"; bottom 2 inches liquid tight. [UFC 7902.5.9.3]	
___ 2.	All flammable and combustible liquids in excess of maintenance and work station amounts (10 gallons) shall be located in an approved storage cabinet. Volumes stored shall not exceed those permitted by the Fire Code. [UFC 7902.5]	
___ 3.	Empty tanks and containers previously used for flammable and combustible liquids unless free from explosive vapors, shall be stored as full with cover or plugs in place. [UFC 7902.5.3].	
___ 4.	Storage of class I, II, or IIIA liquids shall not be near exit doorways, stairways or a location which may impede egress. [UFC 7902.5.5]	
___ 5.	Dispensing of class I liquids is only allowed from approved safety cans or original containers. [UFC 7903.1.3.5]	
___ 6.	Class I & II flammable liquids shall not be dispensed by gravity from tanks, drums, barrels or similar containers. [UFC 7903.1.3.5]	
___ 7.	When a flammable mixture is transferred from one container to another one shall be grounded. Piping systems shall be permanently grounded. [UFC 7903.2.1.2]	
___ 8.	Storage cabinets for hazardous materials liquids shall have well fitted, self closing doors equipped with a self latching device; bottom 2 inches liquid tight and labeled "HAZARDOUS-KEEP FIRE AWAY". [UFC 8003.1.10]	
___ 9.	Upon delivery chemicals shall be secured and placed in their approved storage location. [UFC 8001.9.2]	
___ 10.	Secondary containment is required for areas where hazardous materials are stored. [UFC 8003.1.7.4 as amended by MMC-V-300-2.01]	
___ 11.	Individual storage areas shall have dedicated drainage to prevent mixing of incompatible materials. [UFC 8003.1.7.3.5]	
___ 12.	Containers previously containing a regulated material shall not be used to store a different material unless container is cleaned in an approved manner and properly labeled for new contents. [UFC 8001.4.6]	
___ 13.	All containers in storage shall be arranged in an approved manner, non-compatibles separated (flammables, corrosives, oxidizers, etc.). [UFC 8001.9.8]	
___ 14.	Signs prohibiting smoking shall be provided in storage areas and within 25 feet of outdoor storage areas. [UFC 8003.1.2]	
___ 15.	Gas cylinders shall be properly identified, located, and secured. [UFC 7401.5.7, 7401.6.4, 7902.1.8.1.1]	

Fire Department Number 84-0283

___ 16. Empty containers and tanks previously used for the storage of hazardous materials shall be free from residual materials and vapor as defined by DOT, RCRA or other regulating authority or maintained as specified for the storage of hazardous materials. [UFC 8001.4.6]

___ 17. Open flames & high-temperature devices shall not be used in a manner which creates a hazardous condition. [UFC 8003.1.3]

___ 18. Material Safety Data Sheets (MSDS) shall be available at the facility for all materials present. [UFC 8001.6]

___ 19. All regulated material waste shall be disposed of in an approved manner. Hazardous materials shall not be released into the sewer, storm drain, ditch, drainage canal, lake, river, or tidal waterway, or upon the ground, sidewalk, street, highway or into the atmosphere. [UFC 8001.5.1]

___ 20. Individual containers, cartons, packages shall be conspicuously marked or labeled in accordance with nationally recognized standards. [UFC 8001.7]

X 21. Entrances to areas where hazardous materials are stored, and stationary above ground tanks shall be placarded with NFPA 704 Hazard Signal System for the material(s) contained. [UFC 8001.7 , 8003.1.2]

___ 22. All above ground piping shall be properly secured and labeled identifying product and direction of flow every 20 feet. [8001.4.3.2 as amended by MMC-V-300-2.01]

___ 23. Process equipment shall be maintained as designed to prevent accidental discharge of hazardous materials. [UFC 8001.7.1]

___ 24. A (revised) Hazardous Materials Business Plan shall be submitted within 10 days.[UFC 8001.3.2]

___ 25. A monitoring method capable of detecting hazardous material leakage from the primary containment into the secondary containment shall be provided. [UFC 8003.1.7.4 as amended by MMC-V-300-2.01]

___ 26. Routine inspections of all hazardous materials storage areas and spills of hazardous materials shall be recorded on a monitoring log. [UFC 8003.1.7.4]

___ 27. All processes new to the facility shall have Fire Department approval prior to installation and use. [UFC 8001.3.1]

___ 28. A permit is required to install, repair, abandon, remove, place temporarily out of service, close or substantially modify a storage facility. [UFC 8001.3.1, 8001.11]

ORDERS:

___ 1. Blue - 2

___ 2. Red - 4

Yellow - 0

ADDITIONAL INFORMATION:

For your information: If your business handles hazardous waste, Santa Clara County Hazardous Materials Compliance Division may perform an inspection of your business. For more information, contact 299-6930.

A reinspection shall be made on or about the date shown on the first page under "Scheduled 2nd Inspection Date" to determine if violation(s) noted above have been corrected and/or orders complied with.
If violations remain after the 2nd inspection date, a reinspection shall be made on or about the date shown on the first page under "Scheduled 3rd Inspection Date" to determine if violation(s) have been corrected.

Failure to comply with orders and correct violations may render you liable to the penalties as set forth by law.

The Fire Department prefers compliance be obtained through the willingness of an individual to comply, and as always, remains ready to assist in this process. If you have any questions or wish to discuss this report, please contact this office at (408) 942-2386.

Received By: _____ Inspector: _____

Milpitas Fire Department, Bureau of Fire Prevention, 455 E. Calaveras Blvd., Milpitas, CA 95035
Phone (408) 942-2386 FAX (408) 942-5103

Distribution: WHITE - Fire Department Address File
YELLOW - Business Responsible

MILPITAS FIRE DEPARTMENT
HAZARDOUS MATERIALS ENVIRONMENTAL SERVICES UNIT INSPECTION REPORT

MILPITAS MUNICIPAL CODE UNIFORM FIRE CODE "1994" EDITION

Fire Department Number
93-0001

BILLINGS CHEVROLET
Business Name

00600 BARBER LN
Business Address

JERRY MAYS — Contact
453-8200 — Phone Number
Permit Activities:

Inspection Date 03/25/98
Additional Inspection Time
Scheduled 2nd Inspection Date _____
2nd Inspection Date _____ _____ Hr.
Scheduled 3rd Inspection Date _____
3rd Inspection Date _____ _____ Hr.

You will be billed for all additional inspection time required to gain compliance.

The Hazardous Materials & Environmental Services Unit of the Bureau of Fire Prevention conducted an inspection at the above address. This notice identifies code violations and the minimum requirements necessary to comply. Items marked with an "X" below will require your attention to come into compliance. Additional information may be written on this notice by the Inspector to provide you with direction for compliance.

		DATE ABATED:
___ 1.	Storage cabinets for flammable or combustible liquids shall have well fitted, self closing doors with a latching device; labeled "FLAMMABLE-KEEP FIRE AWAY"; bottom 2 inches liquid tight. [UFC 7902.5.9.3]	
___ 2.	All flammable and combustible liquids in excess of maintenance and work station amounts (10 gallons) shall be located in an approved storage cabinet. Volumes stored shall not exceed those permitted by the Fire Code. [UFC 7902.5]	
___ 3.	Empty tanks and containers previously used for flammable and combustible liquids unless free from explosive vapors, shall be stored as full with cover or plugs in place. [UFC 7902.5.3].	
___ 4.	Storage of class I, II, or IIIA liquids shall not be near exit doorways, stairways or a location which may impede egress. [UFC 7902.5.5]	
___ 5.	Dispensing of class I liquids is only allowed from approved safety cans or original containers. [UFC 7903.1.3.5]	
___ 6.	Class I & II flammable liquids shall not be dispensed by gravity from tanks, drums, barrels or similar containers. [UFC 7903.1.3.5]	
___ 7.	When a flammable mixture is transferred from one container to another one shall be grounded. Piping systems shall be permanently grounded. [UFC 7903.2.1.2]	
___ 8.	Storage cabinets for hazardous materials liquids shall have well fitted, self closing doors equipped with a self latching device; bottom 2 inches liquid tight and labeled "HAZARDOUS-KEEP FIRE AWAY". [UFC 8003.1.10]	
___ 9.	Upon delivery chemicals shall be secured and placed in their approved storage location. [UFC 8001.9.2]	
___ 10.	Secondary containment is required for areas where hazardous materials are stored. [UFC 8003.1.7.4 as amended by MMC-V-300-2.01]	
___ 11.	Individual storage areas shall have dedicated drainage to prevent mixing of incompatible materials. [UFC 8003.1.7.3.5]	
___ 12.	Containers previously containing a regulated material shall not be used to store a different material unless container is cleaned in an approved manner and properly labeled for new contents. [UFC 8001.4.6]	
___ 13.	All containers in storage shall be arranged in an approved manner, non-compatibles separated (flammables, corrosives, oxidizers, etc.). [UFC 8001.9.8]	
___ 14.	Signs prohibiting smoking shall be provided in storage areas and within 25 feet of outdoor storage areas. [UFC 8003.1.2]	
___ 15.	Gas cylinders shall be properly identified, located, and secured. [UFC 7401.5.7, 7401.6.4, 7902.1.8.1.1]	

Fire Department Number 93-0001

___ 16. Empty containers and tanks previously used for the storage of hazardous materials shall be free from residual materials and vapor as defined by DOT, RCRA or other regulating authority or

Fire Department Number 84-0283

___ 16. Empty containers and tanks previously used for the storage of hazardous materials shall be free from residual materials and vapor as defined by DOT, RCRA or other regulating authority or maintained as specified for the storage of hazardous materials. [UFC 8001.4.6]

___ 17. Open flames & high-temperature devices shall not be used in a manner which creates a hazardous condition. [UFC 8003.1.3]

___ 18. Material Safety Data Sheets (MSDS) shall be available at the facility for all materials present. [UFC 8001.6]

___ 19. All regulated material waste shall be disposed of in an approved manner. Hazardous materials shall not be released into the sewer, storm drain, ditch, drainage canal, lake, river, or tidal waterway, or upon the ground, sidewalk, street, highway or into the atmosphere. [UFC 8001.5.1]

___ 20. Individual containers, cartons, packages shall be conspicuously marked or labeled in accordance with nationally recognized standards. [UFC 8001.7]

___ 21. Entrances to areas where hazardous materials are stored, and stationary above ground tanks shall be placarded with NFPA 704 Hazard Signal System for the material(s) contained. [UFC 8001.7 , 8003.1.2]

___ 22. All above ground piping shall be properly secured and labeled identifying product and direction of flow every 20 feet. [8001.4.3.2 as amended by MMC-V-300-2.01]

___ 23. Process equipment shall be maintained as designed to prevent accidental discharge of hazardous materials. [UFC 8001.7.1]

___ 24. A (revised) Hazardous Materials Business Plan shall be submitted within 10 days.[UFC 8001.3.2]

___ 25. A monitoring method capable of detecting hazardous material leakage from the primary containment into the secondary containment shall be provided. [UFC 8003.1.7.4 as amended by MMC-V-300-2.01]

___ 26. Routine inspections of all hazardous materials storage areas and spills of hazardous materials shall be recorded on a monitoring log. [UFC 8003.1.7.4]

___ 27. All processes new to the facility shall have Fire Department approval prior to installation and use. [UFC 8001.3.1]

___ 28. A permit is required to install, repair, abandon, remove, place temporarily out of service, close or substantially modify a storage facility. [UFC 8001.3.1, 8001.11]

ORDERS:

___ 1. _____

___ 2. _____

ADDITIONAL INFORMATION: NJ VIOLATIONS OBSERVED.

WILL CHECK FOR NFPA PLACARD FOR LABOR AREA

For your information: If your business handles hazardous waste, Santa Clara County Hazardous Materials Compliance Division may perform an inspection of your business. For more information, contact 299-6930.

A reinspection shall be made on or about the date shown on the first page under "Scheduled 2nd Inspection Date" to determine if violation(s) noted above have been corrected and/or orders complied with.

If violations remain after the 2nd inspection date, a reinspection shall be made on or about the date shown on the first page under "Scheduled 3rd Inspection Date" to determine if violation(s) have been corrected.

Failure to comply with orders and correct violations may render you liable to the penalties as set forth by law.

The Fire Department prefers compliance be obtained through the willingness of an individual to comply, and as always, remains ready to assist in this process. If you have any questions or wish to discuss this report, please contact this office at (408) 942-2386.

Received By: _____ Inspector: _____

MILPITAS FIRE DEPARTMENT
HAZARDOUS MATERIALS & ENVIRONMENTAL SERVICES UNIT INSPECTION REPORT

MILPITAS MUNICIPAL CODE UNIFORM FIRE CODE "1994" EDITION

Fire Department Number
93-0001

BILLINGS CHEVROLET
Business Name

00600 BARBER LN
Business Address

JERRY MAYS — Contact
453-8200 — Phone Number

Permit Activities:

RG	HM						

Inspection Date 03/04/97

Additional Inspection Time

Scheduled 2nd Inspection Date _____

2nd Inspection Date _____ _____ Hr.

Scheduled 3rd Inspection Date _____

3rd Inspection Date _____ _____ Hr.

You will be billed for all additional inspection time required to gain compliance.

The Hazardous Materials & Environmental Services Unit of the Bureau of Fire Prevention conducted an inspection at the above address. This notice identifies code violations and the minimum requirements necessary to comply. Items marked with an "X" below will require your attention to come into compliance. Additional information may be written on this notice by the Inspector to provide you with direction for compliance.

		DATE ABATED:
___ 1.	Storage cabinets for flammable or combustible liquids shall have well fitted, self closing doors with a latching device; labeled "FLAMMABLE-KEEP FIRE AWAY"; bottom 2 inches liquid tight. [UFC 7902.5.9.3]	
___ 2.	All flammable and combustible liquids in excess of maintenance and work station amounts (10 gallons) shall be located in an approved storage cabinet. Volumes stored shall not exceed those permitted by the Fire Code. [UFC 7902.5]	
___ 3.	Empty tanks and containers previously used for flammable and combustible liquids unless free from explosive vapors, shall be stored as full with cover or plugs in place. [UFC 7902.5.3].	
___ 4.	Storage of class I, II, or IIIA liquids shall not be near exit doorways, stairways or a location which may impede egress. [UFC 7902.5.5]	
___ 5.	Dispensing of class I liquids is only allowed from approved safety cans or original containers. [UFC 7903.1.3.5]	
___ 6.	Class I & II flammable liquids shall not be dispensed by gravity from tanks, drums, barrels or similar containers. [UFC 7903.1.3.5]	
___ 7.	When a flammable mixture is transferred from one container to another one shall be grounded. Piping systems shall be permanently grounded. [UFC 7903.2.1.2]	
___ 8.	Storage cabinets for hazardous materials liquids shall have well fitted, self closing doors equipped with a self latching device; bottom 2 inches liquid tight and labeled "HAZARDOUS-KEEP FIRE AWAY". [UFC 8003.1.10]	
___ 9.	Upon delivery chemicals shall be secured and placed in their approved storage location. [UFC 8001.9.2]	
___ 10.	Secondary containment is required for areas where hazardous materials are stored. [UFC 8003.1.7.4 as amended by MMC-V-300-2.01]	
___ 11.	Individual storage areas shall have dedicated drainage to prevent mixing of incompatible materials. [UFC 8003.1.7.3.5]	
___ 12.	Containers previously containing a regulated material shall not be used to store a different material unless container is cleaned in an approved manner and properly labeled for new contents. [UFC 8001.4.6]	
___ 13.	All containers in storage shall be arranged in an approved manner, non-compatibles separated (flammables, corrosives, oxidizers, etc.). [UFC 8001.9.8]	
___ 14.	Signs prohibiting smoking shall be provided in storage areas and within 25 feet of outdoor storage areas. [UFC 8003.1.2]	
___ 15.	Gas cylinders shall be properly identified, located, and secured. [UFC 7401.5.7, 7401.6.4, 7902.1.8.1.1]	

Fire Department Number

___ 16. Empty containers and tanks previously used for the storage of hazardous materials shall be free from residual materials and vapor as defined by DOT, RCRA or other regulating authority or maintained as specified for the storage of hazardous materials. [UFC 8001.4.6]

___ 17. Open flames & high-temperature devices shall not be used in a manner which creates a hazardous condition. [UFC 8003.1.3]

___ 18. Material Safety Data Sheets (MSDS) shall be available at the facility for all materials present. [UFC 8001.6]

X 19. All regulated material waste shall be disposed of in an approved manner. Hazardous materials shall not be released into the sewer, storm drain, ditch, drainage canal, lake, river, or tidal waterway, or upon the ground, sidewalk, street, highway or into the atmosphere. [UFC 8001.5.1] Batteries

___ 20. Individual containers, cartons, packages shall be conspicuously marked or labeled in accordance with nationally recognized standards. [UFC 8001.7]

X 21. Entrances to areas where hazardous materials are stored, and stationary above ground tanks shall be placarded with NFPA 704 Hazard Signal System for the material(s) contained. [UFC 8001.7 , 8003.1.2] Revise work number

___ 22. All above ground piping shall be properly secured and labeled identifying product and direction of flow every 20 feet. [8001.4.3.2 as amended by MMC-V-300-2.01]

___ 23. Process equipment shall be maintained as designed to prevent accidental discharge of hazardous materials. [UFC 8001.7.1]

___ 24. A (revised) Hazardous Materials Business Plan shall be submitted within 10 days.[UFC 8001.3.2]

___ 25. A monitoring method capable of detecting hazardous material leakage from the primary containment into the secondary containment shall be provided. [UFC 8003.1.7.4 as amended by MMC-V-300-2.01] ALL SYSTEMS PASSED.

___ 26. Routine inspections of all hazardous materials storage areas and spills of hazardous materials shall be recorded on a monitoring log. [UFC 8003.1.7.4]

___ 27. All processes new to the facility shall have Fire Department approval prior to installation and use. [UFC 8001.3.1]

___ 28. A permit is required to install, repair, abandon, remove, place temporarily out of service, close or substantially modify a storage facility. [UFC 8001.3.1, 8001.11]

ORDERS:

___ 1.

___ 2.

ADDITIONAL INFORMATION:

- Fix Soft Klen Tank - 3/4/97
- Store Nation in covered area & contain rain water

For your information: If your business handles hazardous waste, Santa Clara County Hazardous Materials Compliance Division may perform an inspection of your business. For more information, contact 299-6930.

A reinspection shall be made on or about the date shown on the first page under "Scheduled 2nd Inspection Date" to determine if violation(s) noted above have been corrected and/or orders complied with.
If violations remain after the 2nd inspection date, a reinspection shall be made on or about the date shown on the first page under "Scheduled 3rd Inspection Date" to determine if violation(s) have been corrected.

Failure to comply with orders and correct violations may render you liable to the penalties as set forth by law.

The Fire Department prefers compliance be obtained through the willingness of an individual to comply, and as always, remains ready to assist in this process. If you have any questions or wish to discuss this report, please contact this office at (408) 942-2386.

Received By: Ken Bart Inspector: D Smith

MILPITAS FIRE DEPARTMENT
HAZARDOUS MATERIALS & ENVIRONMENTAL SERVICES UNIT
NONPOINT SOURCE INSPECTION REPORT

MILPITAS MUNICIPAL CODE Title XI Chapter 16, Title V Chapter 300

Fire Department Number
93-0001

BILLINGS CHEVROLET
Business Name

00600 BARBER LN
Business Address

JERRY MAYS — Contact
453-8200 — Phone Number

Permit Activities: RG | HM

SIC Code(S):

NOI Submitted:

SWPPP Submitted:

Inspection Date 03/01/96

Additional Inspection Time

Scheduled 2nd Inspection Date _____

2nd Inspection Date _____ _____ Hr.

Scheduled 3rd Inspection Date _____

3rd Inspection Date _____ _____ Hr.

You will be billed for all additional inspection time required to gain compliance.

An inspection of your facility at the above address was conducted to determine compliance with the City's Nonpoint Source Program. Items marked with an "X" below identify code violations. Additional information may be written on this form by the inspector to provide direction for compliance. We have also provided Best Management Practices "BMP" which identify approved methods for complying with violations.

GENERAL SPILL REQUIREMENTS:

DATE ABATED:

___ 1. Washes or pollutants, chemicals, polluted cooling water, detergents, solvents, paints, contaminated or chlorinated swimming pool water, pesticides, herbicides and fertilizers shall not be discharged into any storm drain or watercourse (MMC XI-16-4). _____

___ 2. Protection from accidental discharge of prohibited materials or other regulated wastes into any storm drain or water course shall be provided and maintained by each person at their expense (MMC XI-16-7). _____

___ 3. The accidental discharge of any material other than an acceptable discharge into the storm drain or water course, shall result in immediate notification of the City by calling 9-1-1. (MMC XI-16-8) _____

___ 4. ***Written notification*** detailing the causes of an accidental discharge and the measures being taken to prevent future occurrences shall be submitted within ten (10) days of the date of the discharge (MMC XI-16-8). _____

___ 5. Applicable materials, grease or potential pollutants stored outdoors shall be managed in a manner that minimizes the discharge of pollutants to the stormwater (MMC XI-16-10(a)). _____

___ 6. ***Building construction plans*** for the modification of a building, site, containment, or the addition there of, shall be submitted to the City's Building Inspection Division for the purpose of obtaining a permit (MMC XI-16-10(b)). _____

___ 7. ***Written records*** of all accidental discharges of prohibited materials (whether or not such discharges actually enter the City's storm drain system or watercourse) and the actions taken to prevent their reoccurrence shall be retained on-site for 5 years (MMC XI-16-10(c)). _____

___ 8. A notice advising employees at a facility to contact the City in the event of an accidental discharge shall be permanently posted in a conspicuous location (MMC XI-16-10(c)). _____

INTERIOR ACTIVITIES:

___ 9. Liquid wastes from routine equipment cleaning, automated floor cleaning equipment, janitorial floor cleaning water, wax and strippers, shall be disposed of in an approved manner through discharge to the sanitary sewer (within local POTW limits), recycled or disposed of as hazardous waste. _____

___ 10. All interior floor drains, sinks and sumps shall be connected to the sanitary sewer or a closed loop treatment system, i.e. illicit connections are not allowed. _____

___ 11. Absorbent spill control materials shall be readily available to designated trained employees to clean up spills and leaks. _____

___ 12. Manufacturing or process residues or dust shall be prevented from being tracked outdoors through exit doors or openings. _____

EXTERIOR CLEANING ACTIVITIES:

___ 13. All ***rinse water*** associated with pavement cleaning, vehicle washing, pressure/power washing, and equipment screens/filters/floor mat washing, shall be discharged into an approved sanitary sewer drain. Note: waste water from contaminated surfaces may require pretreatment prior to entering the sanitary sewer. _____

___ 14. Discharge associated with outdoor equipment filter washing, overflow, backflush/back wash, including filter for pools and fountains (diatomaceous earth) shall be redirected to the sanitary sewer or collected, and the solids disposed of into a refuse container.

EXTERIOR PROCESSES AND STORAGE:

___ 15. All ***exterior drains*** in the vicinity of exterior manufacturing and repair processes (e.g. vehicle & equipment repair) shall be connected to the sanitary sewer or a closed loop treatment system.

___ 16. The storage, transferring, and repackaging of raw materials, products and their by-products shall be protected from rainwater, and performed in such a manner as to prevent impact on any adjacent storm drains (BMP: relocate activity, provide tarps, protective covers, storm drain covers).

___ 17. During ***construction activities***, a facility shall advise or require contractors to protect the storm drain from accidental discharge (e.g. soil erosion, washing tools/equipment, concrete cutting) through the use of measures applicable to their trade. (BMP: placement of filter fabrics in combination with swales or berms, erosion control techniques).

___ 18. Scrap storage yards, vehicle storage lots or areas where retired equipment is stored shall provide storm drain protection where oily and soiled materials are stored (BMP: cover materials with a leak proof cover or tarp).

___ 19. Residues created from outdoor manufacturing processes (e.g. grinders, sanders, saws, paint spraying) shall be prevented from entering the storm drain (BMP: improve housekeeping, relocate process, isolate adjacent storm drain, cover the location).

EXTERIOR EQUIPMENT:

___ 20. ***Air compressors*** which are exposed to stormwater shall be free of oil leaks and residual grease and oil on the tank, motor surface or bleed line which could impact the storm drain. (BMP: repair leaks, relocate compressor to a covered location, place catch basin below bleed valve).

___ 21. ***Air scrubbers*** shall be free of particles deposited on the surface which will eventually come into contact with ranin (BMP: repair scrubber and remove existing debris).

___ 22. ***Wet scrubbers*** discharge lines shall be connected to sanitary sewer or pretreatment system.

___ 23. Reverse osmosis units ***(RO)*** reject water or membrane cleaning water and deionization units ***(DI)*** back flush water shall be discharge to the sanitary sewer.

___ 24. Roof vents and associated duct work for machinery processes and paint booths shall be properly sealed with protective devices to prevent residue accumulation on the roof(e.g. paper dust, saw dust, steam condensate, paint, wave solder debris).

___ 25. ***Compactors*** and ***dumpsters*** shall be in good condition with no leaks and lids closed when not in use and shall be located away from storm drains. Contaminated rainwater collected in open-top dumpsters/roll-off bins or recycling bins shall be disposed of in an approved manner.

___ 26. ***Air Conditioning units*** (generally found on roof) and ***chillers*** shall have a condensate line plumbed to a roof drain. Condensate may not come into contact with any pollutant on its way to the discharge point. Note: For existing buildings, non contaminated discharge, defrost water, and condensate can go to the storm drain, while new development or remodel discharge goes to sanitary sewer.

___ 27. ***Boilers*** and ***cooling tower discharge/blowdown*** shall be discharged to the sanitary sewer or recycled/reused in an approved closed loop system. If the boiler vents to the roof where vapor can recondense and run to the storm drain, repairs to vent shall be made and the flow directed to the sanitary sewer.

___ 28. Residues from annual flushing of heating, venting and air conditioning units (**HVAC**)is not permitted to flow through condensate line if a descaling or anti-algae agent is used.

LANDSCAPE ACTIVITIES:

___ 29. Temporary protection for all impacted storm drain inlets shall be provided while landscape activities are conducted (e.g. lawn mowing, pruning, application of fertilizers, pesticides or herbicides, equipment clean-up).

___ 30. Sprinkler heads shall be adjusted to prevent overwatering and undue erosion in heavily paved parking lots and other areas.

___ 31. Overflow drains for ponds and decorative fountains shall be connected to the sanitary sewer or reused for irrigation.

MISCELLANEOUS REQUIREMENTS:

___ 32. ***Loading dock*** drains shall be kept free of debris, hazardous material spills, and dock wash water (BMP: absorbent booms, storm drain covers, diversion to sanitary sewer).

___ 33. ***Emergency shower*** discharge shall be directed to the sanitary sewer, or a pretreatment system. _____

___ 34. ***Treated groundwater*** shall only be discharged to the storm drain if an NPDES permit is at the site. Discharge water shall not come in contact with any pollutants before it is discharged (BMP: direct plumb to storm drain if permit obtained). _____

___ 35. ***Basement parking lot*** storm sump drains may only receive rainwater. Care shall be taken to prevent/remove debris, power washing fluid, spilled automotive fluids, and car washing rinse water from entering storm drain (BMP: screen mesh or filter fabric, absorbent for spills, water booms). _____

___ 36. All catch basins and drop inlets shall be free and clean of debris or other foreign material. All storm drains shall be stenciled with "Do Not Dump Flows to Bay". _____

___ 37. Prepare a Storm Water Pollution Prevention Plan (SWPP) and submit within 30 days. _____

VIOLATIONS:

___ 1. _____

___ 2. _____

___ 3. _____

ADDITIONAL INFORMATION:

- Oil/Water Separator drains garage area,
- Car washer does not use soap - "Soft Water"

REFERRALS:

Your facility will be referred to the following Agency(s) for items noted during this inspection which are beyond the scope of this nonpoint source inspection:

_____

☐ **No Nonpoint Source Violations were observed during this inspection.**

For your information: Other agencies regulating stormwater include the Regional Water Quality Control Board (510) 286-1255, the Santa Clara Valley Water District (408) 265-2000, and the California Dept. of Fish & Game (408) 649-2370.

A reinspection shall be made on or about the date shown on the first page under "Scheduled 2nd Inspection Date" to determine if violation(s) noted above have been corrected and/or orders complied with. If violations remain after the 2nd inspection date, a reinspection shall be made on or about the date shown on the first page under "Scheduled 3rd Inspection Date" to determine if violation(s) have been corrected.

Failure to comply with the items noted in this Inspection Report may result in the assessment of civil penalties, administrative penalties and/or permit revocation.

The Fire Department prefers compliance be obtained through the willingness of an individual to comply, and as always, remains ready to assist in this process. If you have any questions or wish to discuss this report, please contact this office at (408) 942-2386.

Received By: _____ Inspector: _____

Milpitas Fire Department, Bureau of Fire Prevention, 455 E. Calaveras Blvd., Milpitas, CA 95035
Phone (408) 942-2386 FAX (408) 942-5103

Distribution: WHITE - Fire Department Address File
YELLOW - Business Responsible

Department Number 84-0132

___ 16. Empty containers and tanks previously used for the storage of hazardous materials shall be free from residual materials and vapor as defined by DOT, RCRA or other regulating authority or maintained as specified for the storage of hazardous materials. [UFC 8001.4.6]

___ 17. Open flames & high-temperature devices shall not be used in a manner which creates a hazardous condition. [UFC 8003.1.3]

___ 18. Material Safety Data Sheets (MSDS) shall be available at the facility for all materials present. [UFC 8001.6]

X 19. All regulated material waste shall be disposed of in an approved manner. Hazardous materials shall not be released into the sewer, storm drain, ditch, drainage canal, lake, river, or tidal waterway, or upon the ground, sidewalk, street, highway or into the atmosphere. [UFC 8001.5.1] GASOLINE

___ 20. Individual containers, cartons, packages shall be conspicuously marked or labeled in accordance with nationally recognized standards. [UFC 8001.7]

___ 21. Entrances to areas where hazardous materials are stored, and stationary above ground tanks shall be placarded with NFPA 704 Hazard Signal System for the material(s) contained. [UFC 8001.7 , 8003.1.2]

___ 22. All above ground piping shall be properly secured and labeled identifying product and direction of flow every 20 feet. [8001.4.3.2 as amended by MMC-V-300-2.01]

___ 23. Process equipment shall be maintained as designed to prevent accidental discharge of hazardous materials. [UFC 8001.7.1]

___ 24. A (revised) Hazardous Materials Business Plan shall be submitted within 10 days.[UFC 8001.3.2]

___ 25. A monitoring method capable of detecting hazardous material leakage from the primary containment into the secondary containment shall be provided. [UFC 8003.1.7.4 as amended by MMC-V-300-2.01]

___ 26. Routine inspections of all hazardous materials storage areas and spills of hazardous materials shall be recorded on a monitoring log. [UFC 8003.1.7.4]

___ 27. All processes new to the facility shall have Fire Department approval prior to installation and use. [UFC 8001.3.1]

___ 28. A permit is required to install, repair, abandon, remove, place temporarily out of service, close or substantially modify a storage facility. [UFC 8001.3.1, 8001.11]

ORDERS:

X 1. will review storm water requirements

___ 2.

ADDITIONAL INFORMATION:

For your information: If your business handles hazardous waste, Santa Clara County Hazardous Materials Compliance Division may perform an inspection of your business. For more information, contact 299-6930.

A reinspection shall be made on or about the date shown on the first page under "Scheduled 2nd Inspection Date" to determine if violation(s) noted above have been corrected and/or orders complied with.

If violations remain after the 2nd inspection date, a reinspection shall be made on or about the date shown on the first page under "Scheduled 3rd Inspection Date" to determine if violation(s) have been corrected.

Failure to comply with orders and correct violations may render you liable to the penalties as set forth by law.

The Fire Department prefers compliance be obtained through the willingness of an individual to comply, and as always, remains ready to assist in this process. If you have any questions or wish to discuss this report, please contact this office at (408) 942-2386.

Received By: Russell Burke Inspector: G Battel

BF #100-92
REV. 11/21/95

Distribution: WHITE - Fire Department Address File
YELLOW - Business Responsible

Billings Chevrolet – Geo, inc.

600 BARBER LANE • PHONE (408) 453-8200
MILPITAS, CALIFORNIA 95035

RECEIVED
AUG 16 1995
MILPITAS FIRE DEPT.

City of Milpitas
Fire Department
777 South Main Street
Milpitas, CA 95035

Dear Sir/Madam:

Pursuant to the terms of Chapter 6.95 of the California Health and Safety Code, I hereby submit the Hazardous Materials Business Plan for Billings Chevrolet.

Should you have any questions on our submittal, please contact me at (408) 453-8200.

Sincerely,

Jerry Mayes
Vice President/ECC

NON - WASTE - Hazardous Materials Inventory Statement

(1) Business Name Billings Chevrolet

(3) Storage Facility ID: A

(2) Facility Address 600 Barber Lane, Milpitas, CA 95035

(4) DOT Class	(5) Common/Trade Name	(6) Chemical Name Components & Concentration	(7) Chemical Abstract Service #	(8) Physical State	(9) Quantity on Hand MAX.	(9) AVG.	(9) Largest Container	(10) Units	(11) Days On Site	(12) Storage Code Type	Pres-sure	Temp.	(13) SARA Class	Official Use Only
FL	Unleaded Gasoline	Petroleum Hydrocarbon	8006-61-9	M,L	1000	500	1000	GL	365	A	1	4	F	

Material Safety Data Sheets (MSDS) shall be readily available on the premises for hazardous materials listed above.

page ___ of ___ total pages -

WASTE - Hazardous Materials Inventory Statement

(1) Business Name Billings Chevrolet

(2) Facility Address 600 Barber Lane, Milpitas, CA 95035

(3) Storage Facility ID A

(4) DOT Class	(5) Common/Trade Name	(6) Chemical Name Components & Concentration	(7) Chemical Abstract Service #	(8) Physical State	(9) Quantity on Hand MAX.	AVG.	Largest Container	(10) Units	(11) Days On Site	(12) Storage Code Type	Pres-sure	Temp.	(13) SARA Class	Waste Thru-put
CL	Waste Oil	Petroleum Hydrocarbon and Water	NA9189	M,L	500	300	500	GL	365	A	1	4	F	6000
CL	Waste Coolant	Ethylene Glycol and Water	NA9189	M,L	500	150	500	GL	365	A	1	4	N	800

Material Safety Data Sheets (MSDS) shall be readily available on the premises for hazardous materials listed above.

page ___ of ___ pages

NON - WASTE - Hazardous Materials Inventory Statement

(1) Business Name Billings Chevrolet

(2) Facility Address 600 Barber Lane, Milpitas, CA 95035

(3) Storage Facility ID: B

(4) DOT Class	(5) Common/Trade Name	(6) Chemical Name Components & Concentration	(7) Chemical Abstract Service #	(8) Physical State	(9) Quantity on Hand MAX.	AVG.	Largest Container	(10) Units	(11) Days On Site	(12) Storage Code Type	Pressure	Temp.	(13) SARA Class	Official Use Only
CL	Motor Oil	Petroleum Hydrocarbon	Mixture	M,L	500	300	500	GL	365	A	1	4	F	
CL	~~Antifreeze/Coolant~~ ATF	~~Ethylene Glycol~~ ATF	107-21-1	P,L	300	200	300	GL	365	A	1	4	F	

Material Safety Data Sheets (MSDS) shall be readily available on the premises for hazardous materials listed above.

NON - WASTE - Hazardous Materials Inventory Statement

(1) Business Name Billings Chevrolet

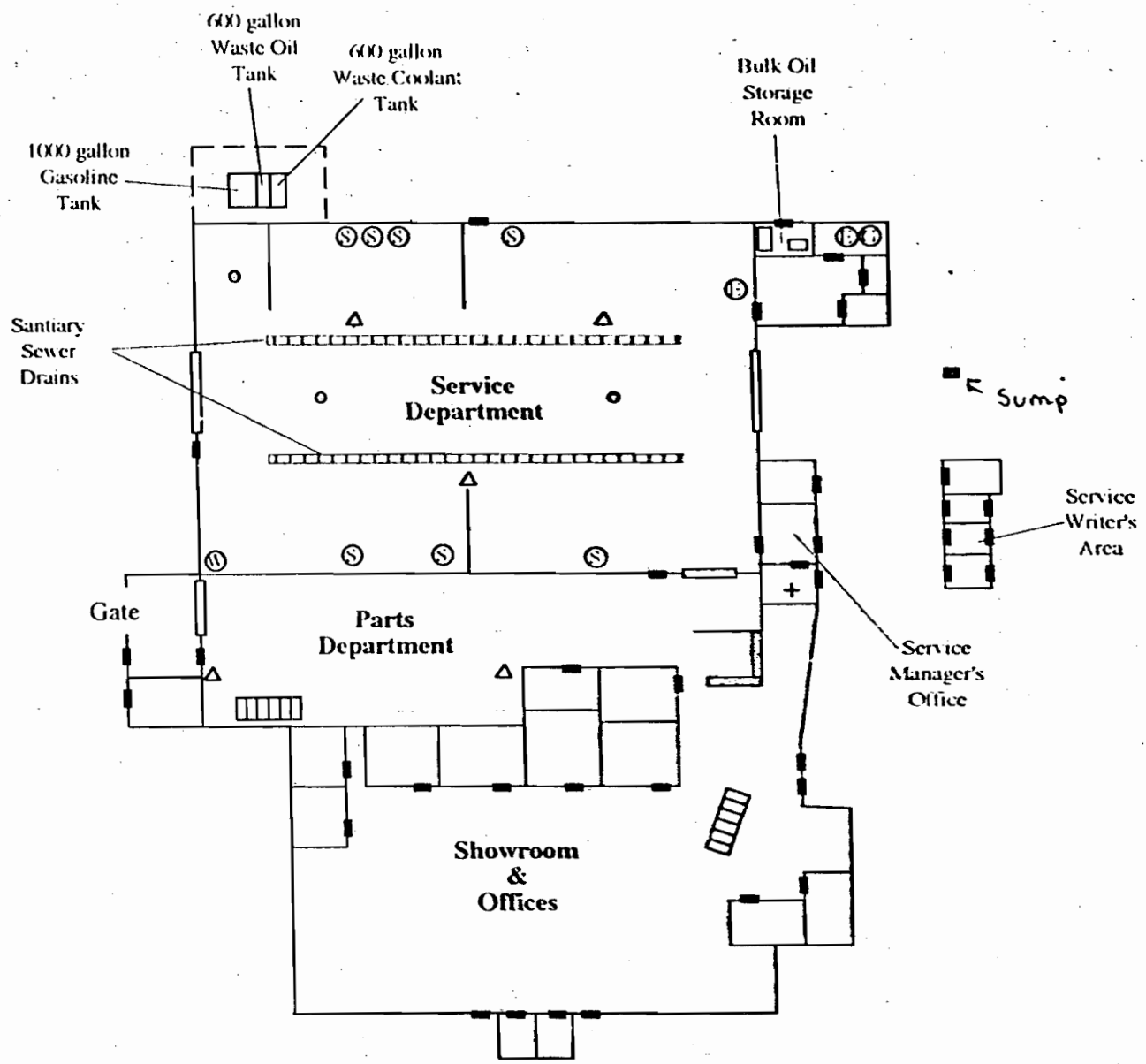
(2) Facility Address 600 Barber Lane, Milpitas, CA 95035

(3) Storage Facility ID: C

(4) DOT Class	(5) Common/Trade Name	(6) Chemical Name Components & Concentration	(7) Chemical Abstract Service #	(8) Physical State	(9) Quantity on Hand MAX.	AVG.	Largest Container	(10) Units	(11) Days On Site	(12) Storage Code Type	Pressure	Temp.	(13) SARA Class	Official Use Only
CL	Stoddard Solvent	Petroleum Hydrocarbon	8032324	M,L	130	100	30	GL	365	D	1	4	F	
OXY	Oxygen	Oxygen	7782447	P,G	1000	850	250	CF	365	L	2	4	P	
CL	Gear Lube	Petroleum Hydrocarbon	Mixture	M,L	64	32	16	GL	365	D	1	4	F	
FG	Acetylene	Acetylene	74862	P, G	650	500	125	CF	365	L	2	5	F,D	
NFG	Nitrogen	Nitrogen		P,G	233	233	233	CF	365	L	2	4	F,P	

Material Safety Data Sheets (MSDS) shall be readily available on the premises for hazardous materials listed above.

- page ___ of ___ total pages -



Billings Chevrolet
?0 Barber Lane
Milpitas, CA 95035

Facility Storage Map
Confidential

Date Completed:
June 10, 1994

Scale in feet (Prox.)
0 25 50

Map Legend

- G Gas Main
- W Water Main
- E Electric Shutoff
- △ Fire Extinguisher
- o Sanitary Sewer
- ■ Sump/Clarifier
- S Solvent Tank
- \+ First Aid Kit
- — Door
- Roll Up Door
- Counter Area

HAZARDOUS MATERIALS RELEASE RESPONSE BUSINESS PLAN

ANNUAL UPDATE

For:

BILLINGS CHEVROLET
600 Barber Lane
Milpitas, CA 95035
(408) 453-8200

Prepared By

KIP PRAHL ASSOCIATES
39350 Civic Center Drive, Ste. 410
Fremont, California 94538
(510) 745-9007 • (800) 486-0400

NON - WASTE - Hazardous Materials Inventory Statement

(1) Business Name Billings Chevrolet

(2) Facility Address 600 Barber Lane, Milpitas, CA 95035

(3) Storage Facility ID: A

(4) DOT Class	(5) Common/Trade Name	(6) Chemical Name Components & Concentration	(7) Chemical Abstract Service #	(8) Physical State	(9) Quantity on Hand MAX.	AVG.	Largest Container	(10) Units	(11) Days On Site	(12) Storage Code Type	Pres-sure	Temp.	(13) SARA Class	Official Use Only
FL	Unleaded Gasoline	Petroleum Hydrocarbon	8006-61-9	M,L	1000	500	1000	GL	365	A	1	4	F	

Material Safety Data Sheets (MSDS) shall be readily available on the premises for hazardous materials listed above.

WASTE - Hazardous Materials Inventory Statement

(1) Business Name Billings Chevrolet

(2) Facility Address 600 Barber Lane, Milpitas, CA 95035

(3) Storage Facility ID A

(4) DOT Class	(5) Common/Trade Name	(6) Chemical Name Components & Concentration	(7) Chemical Abstract Service #	(8) Physical State	(9) Quantity on Hand MAX.	AVG.	Largest Container	(10) Units	(11) Days On Site	(12) Storage Code Type	Pressure	Temp.	(13) SARA Class	Waste Thru-put
CL	Waste Oil	Petroleum Hydrocarbon and Water	NA9189	M,L	500	300	500	GL	365	A	1	4	F	6000
CL	Waste Coolant	Ethylene Glycol and Water	NA9189	M,L	500	150	500	GL	365	A	1	4	N	800
COR	WASTE BATTERIES	BATTERIES - SULFURIC ACID		M,S	55			GL	365	D	1	4	N	220

Material Safety Data Sheets (MSDS) shall be readily available on the premises for hazardous materials listed above.

Page 6

- page 4 of 23 pages -

WASTE - Hazardous Materials Inventory Statement

(1) Business Name Billings Chevrolet

(2) Facility Address 600 Barber Lane, Milpitas, CA 95035

(3) Storage Facility ID C

(4) DOT Class	(5) Common/Trade Name	(6) Chemical Name Components & Concentration	(7) Chemical Abstract Service #	(8) Physical State	(9) Quantity on Hand MAX.	AVG.	Largest Container	(10) Units	(11) Days On Site	(12) Storage Code Type	Pressure	Temp.	(13) SARA Class	Waste Thru-put
CL	Waste Oil	Petroleum Hydrocarbon and Water	NA9189	M,L	100	100	100	GL	365	A	1	4	F	6000
CL	Waste Coolant	Ethylene Glycol and Water	NA9189	M,L	50	50	50	GL	365	A	1	4	N	800

Material Safety Data Sheets (MSDS) shall be readily available on the premises for hazardous materials listed above.

NON - WASTE - Hazardous Materials Inventory Statement

(1) Business Name Billings Chevrolet

(2) Facility Address 600 Barber Lane, Milpitas, CA 95035

(3) Storage Facility ID: B

(4) DOT Class	(5) Common/Trade Name	(6) Chemical Name Components & Concentration	(7) Chemical Abstract Service #	(8) Physical State	(9) Quantity on Hand MAX.	AVG.	Largest Container	(10) Units	(11) Days On Site	(12) Storage Code Type	Pressure	Temp.	(13) SARA Class	Official Use Only
CL	Motor Oil	Petroleum Hydrocarbon	Mixture	M,L	500	300	500	GL	365	A	1	4	F	
CL	Antifreeze/Coolant	Ethylene Glycol	107-21-1	P,L	300	200	300	GL	365	A	1	4	F	

Material Safety Data Sheets (MSDS) shall be readily available on the premises for hazardous materials listed above.

Page 1

- page 5 of 23 total pages -

NON - WASTE - Hazardous Materials Inventory Statement

(1) Business Name Billings Chevrolet

(2) Facility Address 600 Barber Lane, Milpitas, CA 95035

(3) Storage Facility ID: C

(4) DOT Class	(5) Common/Trade Name	(6) Chemical Name Components & Concentration	(7) Chemical Abstract Service #	(8) Physical State	(9) Quantity on Hand MAX.	AVG.	Largest Container	(10) Units	(11) Days On Site	(12) Storage Code Type	Pressure	Temp.	(13) SARA Class	Official Use Only
CL	Stoddard Solvent	Petroleum Hydrocarbon	8032324	M,L	130	100	30	GL	365	D	1	4	F	
OXY	Oxygen	Oxygen	7782447	P,G	1000	850	250	CF	365	L	2	4	P	
CL	Gear Lube	Petroleum Hydrocarbon	Mixture	M,L	64	32	16	GL	365	D	1	4	F	
FG	Acetylene	Acetylene	74862	P, G	650	500	125	CF	365	L	2	5	F,D	

Material Safety Data Sheets (MSDS) shall be readily available on the premises for hazardous materials listed above.

Page 8

- page 6 of 23 total pages -

Section VIII. Hazardous Materials Business Plan Certification

A responsible company officer is required to review this Hazardous Materials Business Plan (HMBP) for accuracy, update it if required, and certify it is current on or before March 1 of each year. If changes were necessary to make the HMBP current, two copies of the entire HMBP shall be submitted to the Bureau of Fire Prevention for review, along with a cover letter advising the purpose of the HMBP submittal.

The following items are provided for your information:

1. Within 30 days of any of the following events, an amended HMBP shall be submitted to the City.
   - An increase of 100% or more in quantity of a previously disclosed hazardous material;
   - An increase above the permitted quantity range for any hazard class as shown on the Business's hazardous materials permit;
   - Handling of any hazardous material not listed in the Hazardous Materials Business Plan.
2. Prior approval from the Bureau of Fire Prevention is required before bringing a new or different material on site that is not listed on the Hazardous Materials Inventory Statement which is located within the HMBP.
3. The Facility Storage Map shall be updated annually or whenever an additional approval is required for the facility or whenever the Hazardous Material Inventory Statement is amended.
4. If changes are made to the HMBP, two copies of the entire HMBP shall be submitted.
5. A Hazardous Materials Permit is not transferable. A new permit is required for any of the following:
   - Change in use;
   - Change in occupancy;
   - Change in operation;
   - Change in ownership.
6. A permit is required to close storage, use or handling facilities 30 days prior to termination of storage, use or handling of hazardous materials.

CERTIFICATION

I certify that the information provided in this Hazardous Materials Business Plan meets the requirements of the Health and Safety Code section 25505, and that the foregoing information is true and correct. If there is any change in inventory, business address, business ownership, business name, and/or operations which differ from this plan, an amendment to this HMBP shall be submitted within 30 days of a change.

Executed this 3RD day of AUGUST, 19 94

at 600 BARBER LN.
(address)
MILPITAS, CA. 95035

A responsible company officer certifying the information contained within this Hazardous Materials Business Plan is correct shall print their name, provide their title, and sign below.

Print Name: MICHAEL BILLINGS

Title: PRESIDENT

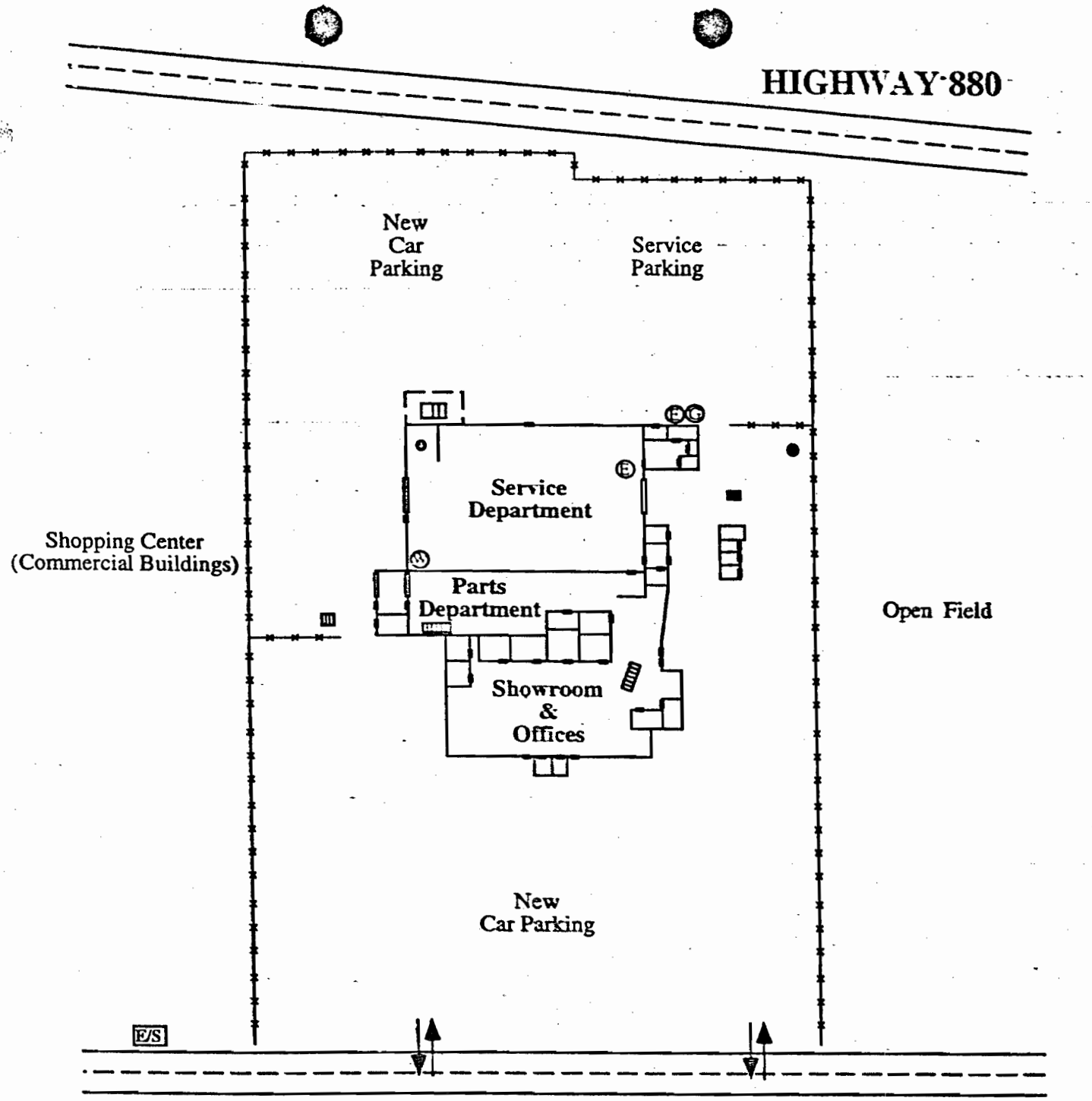
Signature: [signature]

COMPLETE

BY [signature]

DATE: 8/6/94

Rev. 1/28/92



Billings Chevrolet
600 Barber Lane
Milpitas, CA 95035

Site Map
Confidential

Scale in feet (Prox.)
0 50 100

Map Legend

- Gas Main
- Water Main
- Electric Shutoff
- Fire Hydrant
- Storm Drain
- Sanitary Sewer
- Sump/Clarifier
- E/S Evacuation Mtg Site
- Door
- Roll Up Door

MILPITAS FIRE DEPARTMENT
HAZARDOUS MATERIALS UNIT INSPECTION REPORT

MILPITAS MUNICIPAL CODE UNIFORM FIRE CODE "1991" EDITION

Fire Department Number
93-0001

BILLINGS CHEVROLET
Business Name

00600 BARBER LN
Business Address

RON BERTI
~~JERRY MAYS~~ 453-8200
Contact Phone Number

Permit Activities:

RG	HM						

Inspection Date 04/12/95

Scheduled 2nd Inspection Date ~~08/01/94~~

2nd Inspection Date ~~08/17/94~~

Scheduled 3rd Inspection Date

3rd Inspection Date

Additional Inspection Time
_____ Hr.
_____ Hr.

You will be billed for all additional inspection time required to gain compliance.

The Hazardous Materials Unit of the Bureau of Fire Prevention conducted an inspection at the above address. This notice identifies code violations and the minimum requirements necessary to comply. Items marked with an "X" below will require your attention to come into compliance. Additional information may be written on this notice by the Inspector to provide you with direction for compliance.

		DATE ABATED:
___ 1.	Storage cabinets for flammable or combustible liquids shall have well fitted, self closing doors with a latching device; labeled "FLAMMABLE-KEEP FIRE AWAY"; bottom 2 inches liquid tight. [UFC 79.202(c)]	
___ 2.	All flammable and combustible liquids in excess of maintenance and work station amounts (10 gallons) shall be located in an approved storage cabinet. Volumes stored shall not exceed those permitted by the Fire Code. [UFC 79.202(a)]	
___ 3.	Empty tanks and containers previously used for flammable and combustible liquids unless free from explosive vapors, shall be stored as full with cover or plugs in place. [UFC 79.201(c)].	
___ 4.	Storage of class I, II, or IIIA liquids shall not be near exit doorways, stairways or a location which may impede egress. [UFC 79.201(d)]	
___ 5.	Dispensing of class I liquids is only allowed from approved safety cans or original containers. [UFC 79.802(c)]	
___ 6.	Class I & II flammable liquids shall not be dispensed by gravity from tanks, drums, barrels or similar containers. [UFC 79.802(c)]	
___ 7.	When a flammable mixture is transferred from one container to another one shall be grounded. Piping systems shall be permanently grounded. [UFC 79.801(e)]	
___ 8.	Storage cabinets for hazardous materials liquids shall have well fitted, self closing doors equipped with a self latching device; bottom 2 inches liquid tight and labeled "HAZARDOUS-KEEP FIRE AWAY". [UFC 80.301(o)]	
___ 9.	Upon delivery chemicals shall be secured and placed in their approved storage location. [UFC 80.301(e)]	
___ 10.	Secondary containment is required for areas where hazardous materials are stored. [UFC 80.301(l)4 as amended by MMC-V-300-7.01]	
___ 11.	Individual storage areas shall have dedicated drainage to prevent mixing of incompatible materials. [UFC 80.301(l)3.E]	
___ 12.	Containers previously containing a regulated material shall not be used to store a different material unless container is cleaned in an approved manner and properly labeled for new contents. [UFC 80.301(b)4]	
___ 13.	All containers in storage shall be arranged in an approved manner, non-compatibles separated (flammables, corrosives, oxidizers, etc.). [UFC 80.301(n)]	
___ 14.	Signs prohibiting smoking shall be provided in storage areas and within 25 feet of outdoor storage areas. [UFC 80.301(d)]	
___ 15.	Gas cylinders shall be properly identified, located, and secured. [UFC 74.104, 79.105, 74.107]	

Fire Department Number

___ 16. Empty containers and tanks previously used for the storage of hazardous materials shall be free from residual materials and vapor as defined by DOT, RCRA or other regulating authority or maintained as specified for the storage of hazardous materials. [UFC 80.301(b)4] _____

___ 17. Open flames & high-temperature devices shall not be used in a manner which creates a hazardous condition. [UFC 80.301(l)] _____

___ 18. Material Safety Data Sheets (MSDS) shall be available at the facility for all materials present. [UFC 80.106] _____

___ 19. All regulated material waste shall be disposed of in an approved manner. Hazardous materials shall not be released into the sewer, storm drain, ditch, drainage canal, lake, river, or tidal waterway, or upon the ground, sidewalk, street, highway or into the atmosphere. [UFC 80.104] _____

X 20. Individual containers, cartons, packages shall be conspicuously marked or labeled in accordance with nationally recognized standards. [UFC 80.107] LABEL BATTERIES _____

___ 21. Entrances to areas where hazardous materials are stored, and stationary above ground tanks shall be placarded with NFPA 704 Hazard Signal System for the material(s) contained. [UFC 80.301(d)] _____

___ 22. All above ground piping shall be properly secured and labeled identifying product and direction of flow every 20 feet. [UFC 4.103(a) as amended by MMC-V-300-7.01] _____

___ 23. Process equipment shall be maintained as designed to prevent accidental discharge of hazardous materials. [UFC 80.103] _____

___ 24. A (revised) Hazardous Materials Business Plan shall be submitted within 10 days.[UFC 80.103(b)] _____

___ 25. A monitoring method capable of detecting hazardous material leakage from the primary containment into the secondary containment shall be provided. [UFC 79.115(d), 80.103(l)4 as amended by MMC-V-300-7.01] _____

___ 26. Routine inspections of all hazardous materials storage areas and spills of hazardous materials shall be recorded on a monitoring log. [UFC 80.103(a)] _____

___ 27. All processes new to the facility shall have Fire Department approval prior to installation and use. [UFC 80.104] _____

___ 28. A permit is required to install, repair, abandon, remove, place temporarily out of service, close or substantially modify a storage facility. [UFC 80.103] _____

ORDERS:

___ 1. _____

___ 2. _____

ADDITIONAL INFORMATION:

_____

_____

_____

For your information: If your business handles hazardous waste, Santa Clara County Hazardous Materials Compliance Division may perform an inspection of your business. For more information, contact 299-6930.

A reinspection shall be made on or about the date shown on the first page under "Scheduled 2nd Inspection Date" to determine if violation(s) noted above have been corrected and/or orders complied with.

If violations remain after the 2nd inspection date, a reinspection shall be made on or about the date shown on the first page under "Scheduled 3rd Inspection Date" to determine if violation(s) have been corrected.

Failure to comply with orders and correct violations may render you liable to the penalties as forth by law.

The Fire Department prefers compliance be obtained through the willingness of an individual to comply, and as always, remains ready to assist in this process. If you have any questions or wish to discuss this report, please contact this office at (408) 942-2386.

Received By: Ronald L Bent Inspector: _____

Milpitas Fire Department, Bureau of Fire Prevention, 777 South Main Street, Milpitas, CA 95035
Phone (408) 942-2386 FAX (408) 942-3269

Distribution: WHITE - Fire Department Address File
YELLOW - Business Responsible

MILPITAS FIRE DEPARTMENT
HAZARDOUS MATERIALS UNIT INSPECTION REPORT

MILPITAS MUNICIPAL CODE
UNIFORM FIRE CODE "1991" EDITION

Billings Chevrolet (Business Name)	(Business Phone)	(HM Permit No.)
(Responsible Person)		6/2/94 (Inspection Date)
SUITE (Business Address)		8/17/94 5b15 (1st. Reinspection Date)
(LAST BUREAU INSPECTION)	(LAST COMPANY INSPECTION)	(LAST HAZ MAT INSPECTION) / (2nd. Re-Inspection Date)

NOTICE OF VIOLATION:

USE, SEPARATION AND STORAGE — **DATE ABATED:**

___ 1. Storage cabinets for flammable or combustible liquids shall have well fitted, self closing doors with a latching device; labeled "FLAMMABLE-KEEP FIRE AWAY"; bottom 2 inches liquid tight. [UFC 79.202(c)] _____

___ 2. All flammable and combustible liquids in excess of maintenance and work station amounts (10 gallons) shall be located in an approved storage cabinet. Volumes stored shall not exceed those permitted by the Fire Code. [UFC 79.202(a)] _____

___ 3. Empty tanks and containers previously used for flammable and combustible liquids unless free from explosive vapors, shall be stored as full with cover or plugs in place. [UFC 79.201(c)]. _____

___ 4. Storage of class I, II, or IIIA liquids shall not be near exit doorways, stairways or a location which may impede egress. [UFC 79.201(d)] _____

___ 5. Dispensing of class I liquids shall only be done from approved safety cans or original containers. [UFC 79.802(c)] _____

___ 6. Class I & II flammable liquids shall not be dispensed by gravity from tanks, drums, barrels or similar containers. [UFC 79.802(c)] _____

___ 7. When a flammable mixture is transferred from one container to another one container or tank shall be grounded. Piping systems shall be permanently grounded. [UFC 79.801(e)] _____

___ 8. Storage cabinets for hazardous materials liquids shall have well fitted, self closing doors equipped with a self latching device; bottom 2 inches liquid tight and shall be labeled "HAZARDOUS-KEEP FIRE AWAY". [UFC 80.301(o)] _____

___ 9. All hazardous materials stored in a chemical cabinet shall be compatible and exhibit the same hazard characteristics i.e., flammables, corrosives, acids, etc. [UFC 80.301(n)]. _____

___ 10. All chemicals shall be secured upon delivery and placed in their approved storage location. [UFC 80.301(e)] _____

___ 11. Secondary containment is required for areas where hazardous materials are stored. [UFC 80.301(l)4 as amended by MMC-V-300-7.01] _____

___ 12. Each individual storage area shall have dedicated drainage to prevent the mixing of incompatible materials. [UFC 80.301(l)3.E] _____

___ 13. Containers previously containing a regulated material shall not be used to store a different material unless container is cleaned in an approved manner and properly labeled for new contents. [UFC 80.301(b)4] _____

___ 14. All containers in storage shall be arranged in an approved manner, non-compatibles separated (flammables, corrosives, oxidizers, etc.), and secondarily contained. [UFC 80.301(n), 80.301(l)4 as amended by MMC-V-300-7.01] _____

___ 15. Empty containers and tanks previously used for the storage of hazardous materials shall be free from residual materials and vapor as defined by DOT, RCRA or other regulating authority or maintained as specified for the storage of hazardous materials. [UFC 80.301(b)4]

X 16. Gas cylinders shall be properly identified, located, and secured. [UFC 74.104, 79.105, 74.107]

___ 17. Signs prohibiting smoking shall be provided in storage areas and within 25 feet of outdoor storage areas. [UFC 80.301(d)] storage shall have caps in place 8/17/94

___ 18. Open flames & high-temperature devices shall not be used in a manner which creates a hazardous condition. [UFC 80.301(f)]

___ 19. Material Safety Data Sheets (MSDS) shall be available at the facility for all materials present. [UFC 80.106]

___ 20. All regulated material waste shall be disposed of in an approved manner. Hazardous materials shall not be released into a sewer, storm drain, ditch, drainage canal, lake, river, or tidal waterway, or upon the ground, sidewalk, street, highway or into the atmosphere. [UFC 80.104]

LABELING

X 21. Individual containers, cartons, packages shall be conspicuously marked or labeled in accordance with nationally recognized standards. [UFC 80.107] Waste Coolant + Waste Oil 8/17/94

X 22. Stationary above ground tanks shall be placarded with NFPA 704 Hazard Signal System for the material contained. [UFC 80.301(d)]

___ 23. All above ground piping shall be labeled identifying product and direction of flow every 20 feet, and properly secured. [UFC 4.103(a) as amended by MMC-V-300-7.01]

X 24. An NFPA 704 Hazard Signal Sign shall be located at the entrance(s) to areas where hazardous materials are stored. [UFC 80.107] Oil Storage - Area B Rec Olive 1 X 2 - O

HAZARDOUS MATERIALS BUSINESS PLAN

X 25. A (revised) Hazardous Materials Business Plan shall be submitted within 15 days. [UFC 80.103(b)] Add Area C - Shop Oxygen Acetylene safety Kleen Lube Area A - Batteries Waste Coolant + Oil 8/17/94

___ 26. A monitoring method capable of detecting hazardous material leakage from the primary containment into the secondary containment shall be provided. [UFC 79.115(d), 80.103(l)4 as amended by MMC-V-300-7.01]

___ 27. Routine inspections of all hazardous materials storage areas and spills of hazardous materials shall be recorded on a monitoring log. [UFC 80.103(a)]

PERMITS

___ 28. A closure permit is required to terminate the storage, dispensing, handling or use of hazardous materials at least 30 days prior to facility closure. [UFC 80.110]

___ 29. All processes new to the facility shall have Fire Department approval prior to installation and use. [UFC 80.104]

___ 30. Process equipment shall be maintained as designed to prevent an accidental discharge of hazardous materials. [UFC 80.103]

___ 31. A permit is required to install, repair, abandon, remove, place temporarily out of service, close or substantially modify a storage facility. [UFC 80.103]

___ 32. See Inspection Report Supplement for Additional Orders and/or Notices.

___ 33. Letter Identifying Additional Requirements Will Follow.

ORDERS:

___ 1. _____

___ 2. _____

___ 3. _____

ADDITIONAL INFORMATION:

Functional test on monitoring system - OK

A reinspection shall be made on or about 7/2/94 to determine if violations noted above have been abated and/or orders complied with.

Failure to comply with orders and correct violations may render you liable to the penalties as set forth by law.

Received By: William D. Allan Signature: William D. Allan

Title: Ser. Mgr. Date: 6/2/94

If you have any questions please contact the Hazardous Materials Unit of the Bureau of Fire Prevention.

Inspector: Joelle Hurlston Radio Number: 1965

Milpitas Fire Department, Bureau of Fire Prevention, 777 South Main Street, Milpitas, CA 95035
Phone (408) 942-2386 FAX (408) 942-3269

Distribution: WHITE - Fire Department Address File YELLOW - Business Responsible

8/17/94 2ND re.inspections — .5 Hours
Will send fax when signs in place
+ cylinders chained by 8/19/94

408 452 7488:# 8
6187414353→
Xerox Telecopier 7020 ,12-28-82 , 4:30PM ,

NON - WASTE - Hazardous Materials Inventory Statement

(1) Business Name: Billings Chevrolet

(2) Facility Address: 600 Barber Lane

(3) Storage Facility ID: A

(4) DOT Class	(5) Common/Trade Name	(6) Chemical Name Components & Concentration	(7) Chemical Abstract Service #	(8) Physical State	(9) Quantity on Hand MAX.	(9) AVG.	(9) Largest Container	(10) Units	(11) Days On Site	(12) Storage Code Type	Pressure	Temp.	(13) SARA Class	Official Use Only
F.L.	UNLEADED GASOLINE	PETROLEUM HYDROCARBON	8006-61-9	P.L	2000	1000	2000	GL	365	A	1	4	F	

Material Safety Data Sheets (MSDS) shall be readily available on the premises for hazardous materials listed above.

NON - WASTE - Hazardous Materials Inventory Statement

(1) Business Name: BILLINGS CHEVROLET

(2) Facility Address: 600 BARBER LANE

(3) Storage Facility ID: B

(4) DOT Class	(5) Common/Trade Name	(6) Chemical Name Components & Concentration	(7) Chemical Abstract Service #	(8) Physical State	(9) Quantity on Hand MAX.	AVG.	Largest Container	(10) Units	(11) Days On Site	(12) Storage Code Type	Pressure	Temp.	(13) SARA Class	Official Use Only
ORM-A	CRANKCASE OIL	PETROLEUM HYDROCARBON	N-A	P, L	500	200	500	GL	365	C	1	4	F	
ORM-A	TRANSMISSION OIL	PETROLEUM HYDROCARBON	N A	P, L	300	100	300	GL	365	C	1	4	F	

Material Safety Data Sheets (MSDS) shall be readily available on the premises for hazardous materials listed above.

- page 4 of 18 total pages -

WASTE - Hazardous Materials Inventory Statement

(1) Business Name BILLINGS CHEVROLET

(2) Facility Address 600 BARBER LANE

(3) Storage Facility ID A

(4) DOT Class	(5) Common/Trade Name	(6) Chemical Name Components & Concentration	(7) Chemical Abstract Service #	(8) Physical State	(9) Quantity on Hand MAX.	AVG.	Largest Container	(10) Units	(11) Days On Site	(12) Storage Code Type	Pressure	Temp.	(13) SARA Class	Waste Thru-put
ORMA	CRANK CASE OIL	PETROLEUM	UN 9189	P, L	500	200	500	GL	365	A	1	4	F	6000
ORMA	WASTE COOLANT	ETHYLENE GLYCOL	UN1171	P, L	300	100	300	GL	365	A	1	4	N	800

Material Safety Data Sheets (MSDS) shall be readily available on the premises for hazardous materials listed above.

MILPITAS FIRE DEPARTMENT

777 South Main Street, Milpitas, CA 95035 (408)942-2383 FAX (408)942-3269

July 22, 1994

Mr. William Allan
Billing Chevrolet - Service Manager
600 Barber Lane
Milpitas, CA 95035

"SECOND NOTICE"

Dear Mr. Allan:

On June 2, 1994 the Hazardous Materials Unit of the Bureau of Fire Prevention conducted a facility review of your business. An inspection report outlining the requirements you needed to meet to come into compliance with Milpitas Municipal Code Title V Chapter 300 (MMC V-300), i.e. 1991 Uniform Fire Code (UFC) as amended by MMC V-300-7.01 was left with you. All conditions in this letter were to be met by July 2 1994.

To date we have not received correspondence from your business to document the compliance status of your business nor has a revised Hazardous Materials Business Plan been submitted. This letter shall serve as a "Final Notice" in accordance with Section 2.205 and 2.207 of the Uniform Fire Code (Milpitas Municipal Code V-300) to have you respond in writing of your status to those items listed in this inspection report and submit a revised HMBP prior to August 1, 1994. If no response is received by the above referenced date, a facility inspection shall be conducted to confirm compliance.

Additionally, if the corrections required in the inspection report have not been completed by this date, the necessary action required to bring this situation into compliance shall be taken. This action may include referral to the City Attorney of the City of Milpitas for enforcement action.

I have enclosed a copy of the Hazardous Materials Business Plan for your use. If you are having trouble completing this form, please contact me at 408-942-2386 to set up an appointment to complete this form.

Sincerely,

Joelle L. Hurlston, Captain
Hazardous Materials Inspector

MILPITAS FIRE DEPARTMENT
INSPECTION REPORT

Business Name BILLINGS CHEVROLET

Business Address 00600 BARBER LN

Inspection Date 5-13-94

Date Referred to Bureau For Noncompliance _____

NOTICE OF VIOLATION

Item #		Description Of Violation	Date Abated
V1			
V2			
V3		A permit shall be obtained from the Bureau of Fire Prevention prior to engaging in the following operation(s), practice(s) or function: _____ UFC 4.108	
V4		Fire hydrants and fire protection system control valves shall not be obstructed from view by posts, fences, vehicles, growth, trash, storage and other things; a 3-foot clear space shall be maintained around hydrants. UFC 10.105 (a)	
V5		Fire hydrants shall be protected when exposed to vehicular damage. UFC 10.105(d)	
V6		The required width (20') and vertical clearance (13' 6") of a fire department access road shall not be obstructed in any manner. UFC 10.205	
V7		Sprinkler systems, fire hydrant systems, standpipe systems, fire alarm systems, portable fire extinguishers, smoke and heat ventilators, smoke removal systems and other fire protective or extinguishing systems or appliances shall be maintained in an operative condition at all times and shall be replaced or repaired where defective. UFC 10.504(a)	
V8		Occupancy separation, area separation, draft stop partitions and roof coverings shall be maintained as specified in the Building and Fire Code. UFC 10.601	
V9		Required fire assemblies shall bear an approved label or other identification showing the rating thereof and shall be maintained as specified in the Building and Fire Code. UFC 10.602(a)	
V10		Combustible rubbish stored within buildings shall be stored in approved containers and removed from the building not less than once each working day. Oily rags and similar materials shall be stored in metal, metal lined or other approved containers equipped with tight fitting cover. UFC 11.302(a)	
V11		Aboveground gas meters, regulators and piping exposed to vehicular damage shall be protected in an approved manner. UFC 11.403	
V12		Heating appliances shall be installed and maintained in accordance with their listing and the Building, Electrical and Mechanical codes. Clearance from combustible materials shall be maintained as set forth in the Building and Mechanical codes and the product listing. UFC 11.404	
V13		Exit doors shall remain in operable conditions. UFC 12.106(a)	
V14		Exits shall not be obstructed in any manner and shall remain free of any material or matter where its presence would obstruct or render the exit hazardous. UFC 12.104(a)	
V15		Storage is prohibited under exit stairways. UFC 12.109(a)	
V16		Exit signs shall be provided and maintained as required by the Building Code. UFC 12.111	
V17		Extension cords shall not be used as a substitute for permanent wiring. UFC 85.106(a)	
V18		A clear and unobstructed means of access with a minimum width of 30 inches and a minimum height of 78 inches shall be maintained from the operating face of the switchboard or panelboard to an aisle or corridor. UFC 85.109(b)	
V19		Electrical wiring, devices, appliances and other equipment which are modified or damaged and constitute an electrical shock or fire hazard shall not be used until repaired or replaced. UFC 85.104	
V20		Multiplug adapters, such as multiplug extension cords, cube adapters and strip plugs unless provided with an internal circuit breaker shall not be used. UFC 85.107	

MILPITAS FIRE DEPARTMENT
INSPECTION REPORT

NOTICE OF VIOLATION

Item #		Description Of Violation	Date Abated
V 21		Portable fire extinguishers shall be maintained in a fully charged and operable condition, and kept in their designated places at all times when not being used. UFCS 10-1-6.2	
V 22		Portable fire extinguishers shall not be obstructed or obscured from view. UFCS 10-1-6.5	
V 23		Portable fire extinguishers shall be serviced yearly or immediately after use , whichever occurs first. 597.1 T-19 CCR	
V-24		Hood and duct fire extinguishing systems shall be serviced semi-annually and immediately after system activation. 904(a)(5) T-19 CCR	
		No Violations Noted	

Items with an "X" next to the Item # require abatement.

If this space ____has an X, see supplemental inspection report for additional violations.

ORDERS: _____

A reinspection shall be made on or about _____ to determine if the violations noted above have been abated and or orders have been complied with.

Failure to comply with orders and correct violations may render you liable to the penalities as set forth by law.

Received by: BOB RAUSCH
print name

Signature _____ **Date** 05.13.94

Title: Sales Manager **Phone number:** 453-8200

Inspector: _____ **Radio #** C11

Questions should be directed to the Inspector or Fire Marshal by calling (408) 942-2386

Distribution: white - fire department address file, yellow - station file, pink - business responsible

Milpitas Fire Department 777 S. Main Street, Milpitas, California 95035 Business phone (408) 942-2383

MILPITAS FIRE DEPARTMENT

BUREAU OF FIRE PREVENTION
777 SOUTH MAIN STREET
MILPITAS, CA 95035
PHONE: (408)942-2386 FAX (408) 942-3269

RECEIVED
APR 18 1994
MILPITAS FIRE DEPT

Hazardous Materials Business Plan Annual Certification Form

Business Name: Billings Chevrolet
Mailing Address: 1730 N. First Street
San Jose, Ca

Date: April 12, 1994

93-0001

Business Address: 00600 Barber Ln

Instructions: A responsible company officer shall review the Hazardous Materials Business Plan (HMBP) for the above business location, and certify it is current, by completing the certification below, and retuning the white copy to the Bureau of Fire Prevention at 777 South Main Street, Milpitas, CA 95035. Certification is due prior to March 1 of each year. If there are any changes that are needed to make the HMBP current, you may need to request and complete a Hazardous Materials Business Plan from the Bureau of Fire Prevention. We changed our forms in 1992, and no longer accept amendments to the old HMBP format. Keep the yellow copy of this certification for your records. If you have any questions, contact this office.

CERTIFICATION:

I certify that the information provided in the Hazardous Materials Business Plan executed on OCT 93 (in this blank put the date that appears on the certification page which is the last page of your HMBP) meets the requirements of Health and Safety Code section 25505, and that the information contained in the HMBP is true and correct. If there is any change in inventory, business address, business ownership, business name, and/or operations which differ from this plan, a new HMBP shall be submitted.

GERALD MAYES — Print Name

VICE PRESIDENT — Title

Gerald D Mayes — Signature

APRIL 15, 1994 — Date

at 6000 BARBER LN. — Address

MILPITAS — City

CA. — State

95035 — Zip

Distribution: White- Bureau of Fire Prevention **Yellow- Business Copy**

Form BP100-67 REV. 2/3/94

MILPITAS FIRE DEPARTMENT
HAZARDOUS MATERIALS & ENVIRONMENTAL SERVICES UNIT INSPECTION REPORT
MILPITAS MUNICIPAL CODE CALIFORNIA FIRE CODE "2001" EDITION

Fire Department Number
93-0001

BILLINGS CHEVROLET
Business Name
00600 Barber Ln
Business Address

Jerry Mays — Contact
453-8200 — Phone Number

		Additional Inspection Time
Inspection Date	04/11/03	
Scheduled 2nd Inspection Date		Hr.
2nd Inspection Date		
Scheduled 3rd Inspection Date		Hr.
3rd Inspection Date		

You will be billed for all additional inspection time required to gain compliance.

The Hazardous Materials & Environmental Services Unit of the Bureau of Fire Prevention conducted an inspection at the above address. This notice identifies code violations and the minimum requirements necessary to comply. Items marked with an "X" below will require your attention to come into compliance. Additional information may be written on this notice by the Inspector to provide you with direction for compliance.

		DATE ABATED:
___	1. Storage cabinets for flammable or combustible liquids shall have well fitted, self closing doors with a latching device; labeled "FLAMMABLE-KEEP FIRE AWAY"; bottom 2 inches liquid tight. [CFC 7902.5.9.3]	
___	2. All flammable and combustible liquids in excess of maintenance and work station amounts (10 gallons) shall be located in an approved storage cabinet. Volumes stored shall not exceed those permitted by the Fire Code. [CFC 7902.5.8]	
___	3. Empty tanks and containers previously used for flammable and combustible liquids unless free from explosive vapors, shall be stored as full with cover or plugs in place. [CFC 7902.5.3]	
___	4. Storage of class I, II, or IIIA liquids shall not be near exit doorways, stairways or a location which may impede egress. [UFC 7902.5.5]	
___	5. Dispensing of class I liquids is only allowed from approved safety cans or original containers. CFC 7903.1.3.5]	
___	6. Class IA flammable liquids shall not be dispensed by gravity from tanks. [CFC 7903.1.3.5]	
___	7. When a flammable mixture is transferred from one container to another one shall be grounded. Piping systems shall be permanently grounded. [CFC 7903.2.1.3]	
___	8. Storage cabinets for hazardous materials liquids shall have well fitted, self closing doors equipped with a self latching device; bottom 2 inches liquid tight and labeled "HAZARDOUS-KEEP FIRE AWAY". [CFC 8001.10.6.2]	
___	9. Secondary containment is required for areas where hazardous materials are stored. [CFC 8001.11.11 as amended by MMC V-300-2.81]	
___	10. Individual storage areas shall have dedicated drainage to prevent mixing of incompatible materials. [CFC 8003.1.3.3]	
___	11. Containers previously containing a regulated material shall not be used to store a different material unless container is cleaned in an approved manner and properly labeled for new contents. [CFC 8001.4.6]	
___	12. All containers in storage shall be arranged in an approved manner, non-compatibles separated (flammables, corrosives, oxidizers, etc.). [CFC 8001.11.8]	
___	13. Signs prohibiting smoking shall be provided in storage areas and within 25 feet of outdoor storage areas. [CFC 8001.8; 8003.1.2]	
___	14. Gas cylinders shall be properly identified, located, and secured. [CFC 7401.5.1; 7401.6.4]	
___	15. Empty containers and tanks previously used for the storage of hazardous materials shall be free from residual materials and vapor as defined by DOT, RCRA or other regulating authority or maintained as specified for the storage of hazardous materials. [CFC 8001.4.6]	

Fire Department Number 93-0001

___ 16. Open flames & high-temperature devices shall not be used in a manner which creates a hazardous condition. [CFC 8001.9] ___

___ 17. Material Safety Data Sheets (MSDS) shall be available at the facility for all materials present. CFC 8001.6] ___

___ 18. All regulated material waste shall be disposed of in an approved manner. Hazardous materials shall not be released into the sewer, storm drain, ditch, drainage canal, lake, river, or tidal waterway, or upon the ground, sidewalk, street, highway or into the atmosphere. [CFC 8001.5.1] ___

___ 19. Individual containers, cartons, packages shall be conspicuously marked or labeled in accordance with nationally recognized standards. [CFC 8001.8] ___

___ 20. Entrances to areas where hazardous materials are stored, and stationary above ground tanks shall be placarded with NFPA 704 Hazard Signal System for the material(s) contained. [CFC 8001.7 , 8003.1.2] ___

___ 21. All above ground piping shall be properly secured and labeled identifying product and direction of flow every 20 feet. [CFC 8001.4.3.2 as amended by MMC-V-300-2.52] ___

___ 22. Process equipment shall be maintained as designed to prevent accidental discharge of hazardous materials. [CFC 8001.4.7.1] ___

___ 23. A (revised) Hazardous Materials Business Plan shall be submitted within 10 days.[CFC 8001.3.2] ___

___ 24. A monitoring method capable of detecting hazardous material leakage from the primary containment into the secondary containment shall be provided. [CFC 8001.11.10 as amended by MMC-V-300-2.80] ___

___ 25. Routine inspections of all hazardous materials storage areas and spills of hazardous materials shall be recorded, on a weekly basis, on a monitoring log. [CFC 8001.11.10] ___

___ 26. All processes new to the facility shall have Fire Department approval prior to installation and use. [CFC 8001.3.1] ___

___ 27. A permit is required to install, repair, abandon, remove, place temporarily out of service, close or substantially modify a storage facility. [CFC 8001.3.1] ___

ORDERS:

X 1. Service fire extinguisher in tank area 4-17-03

___ 2. ___

ADDITIONAL INFORMATION:

in process of replacing safety kleen with non-solvent cleaner ✓ update HMBP, 4-17-03

For your information: If your business handles hazardous waste, Santa Clara County Hazardous Materials Compliance Division may perform an inspection of your business. For more information, contact 299-6930.

A reinspection shall be made on or about the date shown on the first page under "Scheduled 2nd Inspection Date" to determine if violation(s) noted above have been corrected and/or orders complied with.
If violations remain after the 2nd inspection date, a reinspection shall be made on or about the date shown on the first page under "Scheduled 3rd Inspection Date" to determine if violation(s) have been corrected.
Failure to comply with orders and correct violations may render you liable to the penalties as set forth by law.

Received By: _____ Inspector: Dave Owen

Milpitas Fire Department, Bureau of Fire Prevention, 455 E. Calaveras Blvd., Milpitas, CA 95035
Phone (408) 586-3365 FAX (408) 586-3378

UNIFIED PROGRAM CONSOLIDATED FORM

FACILITY INFORMATION

BUSINESS ACTIVITIES

I. FACILITY IDENTIFICATION

FACILITY ID # 1	EPA ID# (hazardous Waste Only) 2
BUSINESS NAME (Same as FACILITY NAME or DBA-Doing Business As) 3	CAD000005918

BILLINGS CHEVROLET

II. ACTIVITIES DECLARATION

NOTE: If you check YES to any part of this list, please submit the Business Owner/Operator Identification page (OES Form 2730).

Does your facility . . .	If Yes, please complete these pages of the UPCF . . .	
A. HAZARDOUS MATERIALS Have on site (for any purpose) hazardous materials at or above 55 gallons for liquids, 500 pounds for solids, or 200 cubic feet for compressed gases (include liquids in ASTs and USTs); or the applicable Federal threshold quantity for an extremely hazardous substance specified in 40CFR Part 355, Appendix A or B; or handle radiological materials in quantities for which an emergency plan is required pursuant to 10CFR Parts 30, 40 or 70?	◉ YES ○ NO 4.	● HAZARDOUS MATERIAL INVENTORY - CHEMICAL DESCRIPTION (OES 2731)
B. UNDERGROUND STORAGE TANKS (USTs) 1. Own or operate underground storage tank?	○ YES ◉ NO 5.	● UST FACILITY (Formerly SWRCB Form A) ● UST TANK (one page per tank) (Formerly Form B)
2. Intend to upgrade existing or install new USTs?	○ YES ◉ NO 6.	● UST FACILITY ● UST TANK (one per tank) ● UST INSTALLATION - CERTIFICATE OF COMPLIANCE (one per page per tank) (Formerly Form C)
3. Need to report closing a UST?	○ YES ◉ NO 7.	● UST TANK (closure portion--one page per tank)
C. ABOVE GROUND PETROLEUM STORAGE TANKS (ASTS) Own or operate ASTs above these thresholds: --any tank capacity is greater than 660 gallons, or --the total capacity for the facility is greater than 1,320 gallons?	◉ YES ○ NO 8.	NO FORM REQUIRED TO CUPAS
D. HAZARDOUS WASTE 1. Generate hazardous waste?	◉ YES ○ NO 9.	● EPA ID NUMBER --provide at the top of this page
2. Recycle more than 100 kg/month of excluded or exempted recyclable materials (per HSC §25143.2)?	○ YES ◉ NO 10.	● RECYCLABLE MATERIALS REPORT (one per recycler)
3. Treat a hazardous waste on site?	○ YES ◉ NO 11.	● ONSITE HAZARDOUS WASTE TREATMENT - FACILITY (Formerly DTSC Form 1772) ● ONSITE HAZARDOUS WASTE TREATMENT - UNIT (one page per unit) (Formerly DTSC Form 1772A,B,C,D, and L)
4. Treatment subject to financial assurance requirements (for Permit by Rule and Conditional Authorization)?	○ YES ◉ NO 12.	● CERTIFICATION OF FINANCIAL ASSURANCE (Formerly DTSC Form 1232)
5. Consolidate hazardous waste generated at a remote site?	○ YES ◉ NO 13.	● REMOTE WASTE/CONSOLIDATION SITE ANNUAL NOTIFICATION (Formerly DTSC Form 1196)
6. Need to report the closure/removal of a tank that was classified as hazardous waste and cleaned onsite?	○ YES ◉ NO 14.	● HAZARDOUS WASTE TANK CLOSURE CERTIFICATION (Formerly DTSC Form 1249)

E. LOCAL REQUIREMENTS

(You may also be required to provide additional information by your CUPA or local agency.)

FIED PROGRAM CONSOLIDATED FOR

HAZARDOUS MATERIALS

HAZARDOUS MATERIALS INVENTORY - CHEMICAL DESCRIPTION

(ONE PAGE PER MATERIAL PER BUILDING OR AREA)

☒ ADD ☐ DELETE ☐ REVISE 2002 PAGE 1 OF 10

I. FACILITY INFORMATION

BUSINESS NAME (same as FACILITY NAME or DBA - Doing Business As) 3: **Billings Chevrolet**

CHEMICAL LOCATION 201: **Parts Department**

CONFIDENTIAL LOCATION 202

CONFIDENTIAL (EPCRA) ☐ YES ☒ NO

FACILITY ID # 1

MAP # (Optional) 203

GRID # (Optional) 204

II. CHEMICAL INFORMATION

CHEMICAL NAME 205: **Ethylene Glycol**

TRADE SECRET ☐ YES ☒ NO 206

If subject to EPCRA, refer to instructions

COMMON NAME 207: **Coolant/Antifreeze**

EHS * ☐ YES ☒ NO 208

CAS # 209: **107-21-1 Mixture**

* If EHS is "Yes", all amounts below must be in lbs.

FIRE CODE HAZARD CLASSES (Complete if required by CUPA) 210: **Combustible Liquid--Class III-B**

HAZARDOUS MATERIAL TYPE (Check one item only) 211: ☐ PURE ☒ MIXTURE ☐ WASTE

RADIOACTIVE 212: ☐ YES ☒ NO

CURIES 213:

PHYSICAL STATE (Check one item only) 214: ☐ SOLID ☒ LIQUID ☐ GAS

LARGEST CONTAINER 215: 1

FEDERAL HAZARD CATEGORIES (Check all that apply) 216: ☒ FIRE ☐ REACTION ☐ PRESSURE RELEASE ☒ ACUTE HEALTH ☐ CHRONIC HEALTH

AVG DAILY AMOUNT 217	MAX DAILY AMOUNT 218	ANNUAL WASTE AMOUNT 219	STATE WASTE CODE 220
30	100	N/A	N/A

UNITS * (Check one item only) ☒ GAL ☐ CU FT ☐ LBS ☐ TONS 221

* If EHS, Amount must be reported in pounds

DAYS ON SITE 222: 365

STORAGE CONTAINER 223

- ☐ A. ABOVEGROUND TANK
- ☐ B. UNDERGROUND TANK
- ☐ C. TANK INSIDE BUILDING
- ☐ D. STEEL DRUM
- ☐ E. PLASTIC/NONMETALLIC DRUM
- ☐ F. CAN
- ☐ G. CARBOY
- ☐ H. SILO
- ☐ I. FIBER DRUM
- ☐ J. BAG
- ☐ K. BOX
- ☐ L. CYLINDER
- ☐ M. GLASS BOTTLE
- ☒ N. PLASTIC BOTTLE
- ☐ O. TOTE BIN
- ☐ P. TANK WAGON
- ☐ Q. RAIL CAR
- ☐ R. OTHER_____

STORAGE PRESSURE 224: ☒ A. AMBIENT ☐ B. ABOVE AMBIENT ☐ C. BELOW AMBIENT

STORAGE TEMPERATURE 225: ☒ A. AMBIENT ☐ B. ABOVE AMBIENT ☐ C. BELOW AMBIENT ☐ D. CRYOGENIC

	% WT	HAZARDOUS COMPONENT (for mixture or waste only)	EHS *	CAS#
1	98 (226)	Ethylene Glycol (227)	☐ YES ☒ NO (228)	107-21-1 (229)
2	2 (230)	Additives (231)	☐ YES ☒ NO (232)	Mixture (233)
3	(234)	(235)	☐ YES ☐ NO (236)	(237)
4	(238)	(239)	☐ YES ☐ NO (240)	(241)
5	(242)	(243)	☒ YES ☐ NO (244)	(245)

If more hazardous components are present at greater than 1% by weight if non-carcinogenic, or 0.1% by weight if carcinogenic, attach additional sheets of paper capturing the required information.

ADDITIONAL LOCALLY COLLECTED INFORMATION 246

If EPCRA, Please Sign Here

FIED PROGRAM CONSOLIDATED FOR

HAZARDOUS MATERIALS

HAZARDOUS MATERIALS INVENTORY - CHEMICAL DESCRIPTION

(ONE PAGE PER MATERIAL PER BUILDING OR AREA)

☐ ADD ☐ DELETE ☒ REVISE 2002 PAGE 2 OF 10

I. FACILITY INFORMATION

BUSINESS NAME (same as FACILITY NAME or DBA - Doing Business As) 3: **Billings Chevrolet**

CHEMICAL LOCATION 201: **Service Area** | CONFIDENTIAL LOCATION 202: CONFIDENTIAL (EPCRA) ☐ YES ☒ NO

FACILITY ID # 1 | MAP # (Optional) 203 | GRID # (Optional) 204

II. CHEMICAL INFORMATION

CHEMICAL NAME 205: **Oxygen** | TRADE SECRET ☐ YES ☒ NO 206: If subject to EPCRA, refer to instructions

COMMON NAME 207: **Oxygen** | EHS * ☐ YES ☒ NO 208

CAS # 209: **7782-44-7** | * If EHS is "Yes", all amounts below must be in lbs.

FIRE CODE HAZARD CLASSES (Complete if required by CUPA) 210

HAZARDOUS MATERIAL TYPE (Check one item only) 211: ☒ PURE ☐ MIXTURE ☐ WASTE

RADIOACTIVE 212: ☐ YES ☒ NO

CURIES 213

PHYSICAL STATE (Check one item only) 214: ☐ SOLID ☐ LIQUID ☒ GAS

LARGEST CONTAINER 215: **250**

FEDERAL HAZARD CATEGORIES (Check all that apply) 216: ☐ FIRE ☐ REACTION ☐ PRESSURE RELEASE ☐ ACUTE HEALTH ☐ CHRONIC HEALTH

AVG DAILY AMOUNT 217	MAX DAILY AMOUNT 218	ANNUAL WASTE AMOUNT 219	STATE WASTE CODE 220
100	**500**	**N/A**	**N/A**

UNITS * (Check one item only) ☐ GAL ☒ CU FT ☐ LBS ☐ TONS 221

* If EHS, Amount must be reported in pounds

DAYS ON SITE 222: **365**

STORAGE CONTAINER 223

☐ A. ABOVEGROUND TANK ☐ B. UNDERGROUND TANK ☐ C. TANK INSIDE BUILDING ☐ D. STEEL DRUM ☐ E. PLASTIC/NONMETALLIC DRUM ☐ F. CAN ☐ G. CARBOY ☐ H. SILO ☐ I. FIBER DRUM ☐ J. BAG ☐ K. BOX ☒ L. CYLINDER ☐ M. GLASS BOTTLE ☐ N. PLASTIC BOTTLE ☐ O. TOTE BIN ☐ P. TANK WAGON ☐ Q. RAIL CAR ☐ R. OTHER_____

STORAGE PRESSURE ☐ A. AMBIENT ☒ B. ABOVE AMBIENT ☐ C. BELOW AMBIENT 224

STORAGE TEMPERATURE ☒ A. AMBIENT ☐ B. ABOVE AMBIENT ☐ C. BELOW AMBIENT ☐ D. CRYOGENIC 225

	%WT	HAZARDOUS COMPONENT (for mixture or waste only)	EHS	CAS#
1	226: **100**	227: **Oxygen**	228: ☐ YES ☒ NO	229: **7782-44-7**
2	230	231	232: ☐ YES ☐ NO	233
3	234	235	236: ☐ YES ☐ NO	237
4	238	239	240: ☐ YES ☐ NO	241
5	242	243	244: ☐ YES ☐ NO	245

If more hazardous components are present at greater than 1% by weight if non-carcinogenic, or 0.1% by weight if carcinogenic, attach additional sheets of paper capturing the required information.

ADDITIONAL LOCALLY COLLECTED INFORMATION 246

If EPCRA, Please Sign Here

FIED PROGRAM CONSOLIDATED FOR

HAZARDOUS MATERIALS

HAZARDOUS MATERIALS INVENTORY - CHEMICAL DESCRIPTION

(ONE PAGE PER MATERIAL PER BUILDING OR AREA)

☐ ADD ☐ DELETE ☒ REVISE 2002 PAGE 3 OF 10

I FACILITY INFORMATION

BUSINESS NAME (same as FACILITY NAME or DBA - Doing Business As) 3: **Billings Chevrolet**

CHEMICAL LOCATION 201: **Service Area** | CONFIDENTIAL LOCATION 202: CONFIDENTIAL (EPCRA) ☐ YES ☒ NO

FACILITY ID # 1 | MAP # (Optional) 203 | GRID # (Optional) 204

II CHEMICAL INFORMATION

CHEMICAL NAME 205: **Ethyne** | TRADE SECRET ☐ YES ☒ NO 206: If subject to EPCRA, refer to instructions

COMMON NAME 207: **Acetylene** | EHS * ☐ YES ☒ NO 208

CAS # 209: **74-86-2** | * If EHS is "Yes", all amounts below must be in lbs.

FIRE CODE HAZARD CLASSES *(Complete if required by CUPA)* 210

HAZARDOUS MATERIAL TYPE *(Check one item only)* 211: ☒ PURE ☐ MIXTURE ☐ WASTE | RADIOACTIVE 212: ☐ YES ☒ NO | CURIES 213

PHYSICAL STATE *(Check one item only)* 214: ☐ SOLID ☐ LIQUID ☒ GAS | LARGEST CONTAINER 215: **125**

FEDERAL HAZARD CATEGORIES *(Check all that apply)* 216: ☐ FIRE ☐ REACTION ☒ PRESSURE RELEASE ☒ ACUTE HEALTH ☐ CHRONIC HEALTH

AVG DAILY AMOUNT 217	MAX DAILY AMOUNT 218	ANNUAL WASTE AMOUNT 219	STATE WASTE CODE 220
75	**250**	**N/A**	**N/A**

UNITS * *(Check one item only)* ☐ GAL ☒ CU FT ☐ LBS ☐ TONS 221 | DAYS ON SITE 222: **365**

* If EHS, Amount must be reported in pounds

STORAGE CONTAINER 223

☐ A. ABOVEGROUND TANK ☐ B. UNDERGROUND TANK ☐ C. TANK INSIDE BUILDING ☐ D. STEEL DRUM ☐ E. PLASTIC/NONMETALLIC DRUM ☐ F. CAN ☐ G. CARBOY ☐ H. SILO ☐ I. FIBER DRUM ☐ J. BAG ☐ K. BOX ☒ L. CYLINDER ☐ M. GLASS BOTTLE ☐ N. PLASTIC BOTTLE ☐ O. TOTE BIN ☐ P. TANK WAGON ☐ Q. RAIL CAR ☐ R. OTHER_____

STORAGE PRESSURE ☐ A. AMBIENT ☒ B. ABOVE AMBIENT ☐ C. BELOW AMBIENT 224

STORAGE TEMPERATURE ☒ A. AMBIENT ☐ B. ABOVE AMBIENT ☐ C. BELOW AMBIENT ☐ D. CRYOGENIC 225

	%WT	HAZARDOUS COMPONENT (for mixture or waste only)	EHS	CAS#
1	226	227	228 ☐ YES ☐ NO	229
2	230	231	232 ☐ YES ☐ NO	233
3	234	235	236 ☐ YES ☐ NO	237
4	238	239	240 ☐ YES ☐ NO	241
5	242	243	244 ☐ YES ☐ NO	245

If more hazardous components are present at greater than 1% by weight if non-carcinogenic, or 0.1% by weight if carcinogenic, attach additional sheets of paper capturing the required information.

ADDITIONAL LOCALLY COLLECTED INFORMATION 246

If EPCRA, Please Sign Here

FIED PROGRAM CONSOLIDATED FOR

HAZARDOUS MATERIALS

HAZARDOUS MATERIALS INVENTORY - CHEMICAL DESCRIPTION

(ONE PAGE PER MATERIAL PER BUILDING OR AREA)

☐ ADD ☐ DELETE ☒ REVISE 2002 PAGE 4 OF 10

I. FACILITY INFORMATION

BUSINESS NAME (same as FACILITY NAME or DBA - Doing Business As) 3: **Billings Chevrolet**

CHEMICAL LOCATION 201: **Service Area** | CONFIDENTIAL LOCATION 202 | CONFIDENTIAL (EPCRA) ☐ YES ☒ NO

FACILITY ID # 1 | MAP # (Optional) 203 | GRID # (Optional) 204

II. CHEMICAL INFORMATION

CHEMICAL NAME 205: **Petroleum Distillate** | TRADE SECRET ☐ YES ☒ NO 206 | If subject to EPCRA, refer to instructions

COMMON NAME 207: **Gasoline** | EHS * ☐ YES ☒ NO 208

CAS # 209 | * If EHS is "Yes", all amounts below must be in lbs.

FIRE CODE HAZARD CLASSES (Complete if required by CUPA) 210

HAZARDOUS MATERIAL TYPE (Check one item only) 211: ☐ PURE ☒ MIXTURE ☐ WASTE

RADIOACTIVE 212: ☐ YES ☒ NO | CURIES 213

PHYSICAL STATE (Check one item only) 214: ☐ SOLID ☒ LIQUID ☐ GAS

LARGEST CONTAINER 215: **1000**

FEDERAL HAZARD CATEGORIES (Check all that apply) 216: ☒ FIRE ☐ REACTION ☐ PRESSURE RELEASE ☒ ACUTE HEALTH ☐ CHRONIC HEALTH

AVG DAILY AMOUNT 217	MAX DAILY AMOUNT 218	ANNUAL WASTE AMOUNT 219	STATE WASTE CODE 220
200	**1000**	**N/A**	**N/A**

UNITS * (Check one item only) 221: ☒ GAL ☐ CU FT ☐ LBS ☐ TONS — * If EHS, Amount must be reported in pounds

DAYS ON SITE 222: **365**

STORAGE CONTAINER 223:

- ☒ A. ABOVEGROUND TANK
- ☐ B. UNDERGROUND TANK
- ☐ C. TANK INSIDE BUILDING
- ☐ D. STEEL DRUM
- ☐ E. PLASTIC/NONMETALLIC DRUM
- ☐ F. CAN
- ☐ G. CARBOY
- ☐ H. SILO
- ☐ I. FIBER DRUM
- ☐ J. BAG
- ☐ K. BOX
- ☐ L. CYLINDER
- ☐ M. GLASS BOTTLE
- ☐ N. PLASTIC BOTTLE
- ☐ O. TOTE BIN
- ☐ P. TANK WAGON
- ☐ Q. RAIL CAR
- ☐ R. OTHER_____

STORAGE PRESSURE 224: ☒ A. AMBIENT ☐ B. ABOVE AMBIENT ☐ C. BELOW AMBIENT

STORAGE TEMPERATURE 225: ☒ A. AMBIENT ☐ B. ABOVE AMBIENT ☐ C. BELOW AMBIENT ☐ D. CRYOGENIC

	%WT	HAZARDOUS COMPONENT (for mixture or waste only)	EHS	CAS#
1	226: **39**	227: **Toulne**	228: ☐ YES ☒ NO	229: **108-88-3**
2	230: **34**	231: **Xylenes**	232: ☐ YES ☒ NO	233: **1330-34-7**
3	234: **10**	235: **Methyl Tert Butyl Ether**	236: ☐ YES ☒ NO	237: **1634-04-4**
4	238:	239:	240: ☐ YES ☐ NO	241:
5	242:	243:	244: ☐ YES ☐ NO	245:

If more hazardous components are present at greater than 1% by weight if non-carcinogenic, or 0.1% by weight if carcinogenic, attach additional sheets of paper capturing the required information.

ADDITIONAL LOCALLY COLLECTED INFORMATION 246

If EPCRA, Please Sign Here

FIED PROGRAM CONSOLIDATED FOR

HAZARDOUS MATERIALS

HAZARDOUS MATERIALS INVENTORY - CHEMICAL DESCRIPTION

(ONE PAGE PER MATERIAL PER BUILDING OR AREA)

☒ ADD ☐ DELETE ☐ REVISE 2002 PAGE 5 OF 10

I. FACILITY INFORMATION

BUSINESS NAME (same as FACILITY NAME or DBA - Doing Business As) 3: **Billings Chevrolet**

CHEMICAL LOCATION 201: **Parts Department** | CONFIDENTIAL LOCATION 202: CONFIDENTIAL (EPCRA) ☐ YES ☒ NO

FACILITY ID # 1 | MAP # (Optional) 203 | GRID # (Optional) 204

II. CHEMICAL INFORMATION

CHEMICAL NAME 205: **Petroleum Distillate** | TRADE SECRET ☐ YES ☒ NO 206 | If subject to EPCRA, refer to instructions

COMMON NAME 207: **Automatic Transmission Fluid** | EHS * ☐ YES ☒ NO 208

CAS # 209: **64742-55-8 Mixture** | * If EHS is "Yes", all amounts below must be in lbs.

FIRE CODE HAZARD CLASSES (Complete if required by CUPA) 210: **Combustible Liquid Class III-B**

HAZARDOUS MATERIAL TYPE (Check one item only) 211: ☐ PURE ☒ MIXTURE ☐ WASTE | RADIOACTIVE 212: ☐ YES ☒ NO | CURIES 213

PHYSICAL STATE (Check one item only) 214: ☐ SOLID ☒ LIQUID ☐ GAS | LARGEST CONTAINER 215: **1**

FEDERAL HAZARD CATEGORIES (Check all that apply) 216: ☒ FIRE ☐ REACTION ☐ PRESSURE RELEASE ☒ ACUTE HEALTH ☐ CHRONIC HEALTH

AVG DAILY AMOUNT 217	MAX DAILY AMOUNT 218	ANNUAL WASTE AMOUNT 219	STATE WASTE CODE 220
15	100	N/A	N/A

UNITS * (Check one item only) 221: ☒ GAL ☐ CU FT ☐ LBS ☐ TONS | * If EHS, Amount must be reported in pounds | DAYS ON SITE 222: **365**

STORAGE CONTAINER 223:

- ☒ A. ABOVEGROUND TANK
- ☐ B. UNDERGROUND TANK
- ☐ C. TANK INSIDE BUILDING
- ☐ D. STEEL DRUM
- ☐ E. PLASTIC/NONMETALLIC DRUM
- ☐ F. CAN
- ☐ G. CARBOY
- ☐ H. SILO
- ☐ I. FIBER DRUM
- ☐ J. BAG
- ☐ K. BOX
- ☐ L. CYLINDER
- ☐ M. GLASS BOTTLE
- ☒ N. PLASTIC BOTTLE
- ☐ O. TOTE BIN
- ☐ P. TANK WAGON
- ☐ Q. RAIL CAR
- ☐ R. OTHER_____

STORAGE PRESSURE 224: ☒ A. AMBIENT ☐ B. ABOVE AMBIENT ☐ C. BELOW AMBIENT

STORAGE TEMPERATURE 225: ☒ A. AMBIENT ☐ B. ABOVE AMBIENT ☐ C. BELOW AMBIENT ☐ D. CRYOGENIC

	%WT	HAZARDOUS COMPONENT (for mixture or waste only)	EHS	CAS#
1	226: 85	227: Refined Base Oils	228: ☐ YES ☒ NO	229: 64742-55-8
2	230: 15	231: Additives	232: ☐ YES ☒ NO	233: Mixture
3	234	235	236: ☐ YES ☐ NO	237
4	238	239	240: ☐ YES ☐ NO	241
5	242	243	244: ☐ YES ☐ NO	245

If more hazardous components are present at greater than 1% by weight if non-carcinogenic, or 0.1% by weight if carcinogenic, attach additional sheets of paper capturing the required information.

ADDITIONAL LOCALLY COLLECTED INFORMATION 246

If EPCRA, Please Sign Here

FIED PROGRAM CONSOLIDATED FOR

HAZARDOUS MATERIALS

HAZARDOUS MATERIALS INVENTORY - CHEMICAL DESCRIPTION

(ONE PAGE PER MATERIAL PER BUILDING OR AREA)

☒ ADD ☐ DELETE ☐ REVISE 2002 PAGE 6 OF 10

I. FACILITY INFORMATION

BUSINESS NAME (same as FACILITY NAME or DBA - Doing Business As) 3: **Billings Chevrolet**

CHEMICAL LOCATION 201: **Service Area/ Parts Department**

CONFIDENTIAL LOCATION 202: CONFIDENTIAL (EPCRA) ☐ YES ☒ NO

FACILITY ID # 1

MAP # (Optional) 203

GRID # (Optional) 204

II CHEMICAL INFORMATION

CHEMICAL NAME 205: **Petroleum Distillates**

TRADE SECRET ☐ YES ☒ NO 206 — If subject to EPCRA, refer to Instructions

COMMON NAME 207: **Motor Oil**

EHS * ☐ YES ☒ NO 208

CAS # 209: **64742-55-8 Mixture**

* If EHS is "Yes", all amounts below must be in lbs.

FIRE CODE HAZARD CLASSES (Complete if required by CUPA) 210: **Combustible Liquid**

HAZARDOUS MATERIAL TYPE (Check one item only) 211: ☐ PURE ☒ MIXTURE ☐ WASTE

RADIOACTIVE 212: ☐ YES ☒ NO

CURIES 213:

PHYSICAL STATE (Check one item only) 214: ☐ SOLID ☒ LIQUID ☐ GAS

LARGEST CONTAINER 215: **240**

FEDERAL HAZARD CATEGORIES (Check all that apply) 216: ☒ FIRE ☐ REACTION ☐ PRESSURE RELEASE ☒ ACUTE HEALTH ☐ CHRONIC HEALTH

AVG DAILY AMOUNT 217	MAX DAILY AMOUNT 218	ANNUAL WASTE AMOUNT 219	STATE WASTE CODE 220
120	600	N/A	N/A

UNITS * (Check one item only) ☒ GAL ☐ CU FT ☐ LBS ☐ TONS 221

* If EHS, Amount must be reported in pounds

DAYS ON SITE 222: **365**

STORAGE CONTAINER 223:

- ☒ A. ABOVEGROUND TANK
- ☐ B. UNDERGROUND TANK
- ☐ C. TANK INSIDE BUILDING
- ☐ D. STEEL DRUM
- ☐ E. PLASTIC/NONMETALLIC DRUM
- ☐ F. CAN
- ☐ G. CARBOY
- ☐ H. SILO
- ☐ I. FIBER DRUM
- ☐ J. BAG
- ☐ K. BOX
- ☐ L. CYLINDER
- ☐ M. GLASS BOTTLE
- ☒ N. PLASTIC BOTTLE
- ☐ O. TOTE BIN
- ☐ P. TANK WAGON
- ☐ Q. RAIL CAR
- ☐ R. OTHER_____

STORAGE PRESSURE 224: ☒ A. AMBIENT ☐ B. ABOVE AMBIENT ☐ C. BELOW AMBIENT

STORAGE TEMPERATURE 225: ☒ A. AMBIENT ☐ B. ABOVE AMBIENT ☐ C. BELOW AMBIENT ☐ D. CRYOGENIC

	%WT	HAZARDOUS COMPONENT (for mixture or waste only)	EHS	CAS#
1	85 (226)	Refined Base Oils (227)	☐ YES ☒ NO (228)	64742-55-8 (229)
2	15 (230)	Additives (231)	☐ YES ☒ NO (232)	Mixture (233)
3	(234)	(235)	☐ YES ☐ NO (236)	(237)
4	(238)	(239)	☐ YES ☐ NO (240)	(241)
5	(242)	(243)	☐ YES ☐ NO (244)	(245)

If more hazardous components are present at greater than 1% by weight if non-carcinogenic, or 0.1% by weight if carcinogenic, attach additional sheets of paper capturing the required information.

ADDITIONAL LOCALLY COLLECTED INFORMATION 246

If EPCRA, Please Sign Here

FIED PROGRAM CONSOLIDATED FOR

HAZARDOUS MATERIALS

HAZARDOUS MATERIALS INVENTORY - CHEMICAL DESCRIPTION

(ONE PAGE PER MATERIAL PER BUILDING OR AREA)

☒ ADD ☐ DELETE ☐ REVISE 2002 PAGE 7 OF 10

I. FACILITY INFORMATION

BUSINESS NAME (same as FACILITY NAME or DBA - Doing Business As) 3: **Billings Chevrolet**

CHEMICAL LOCATION 201: **Detail Area** | CONFIDENTIAL LOCATION 202 | CONFIDENTIAL (EPCRA) ☐ YES ☒ NO

FACILITY ID # 1 | MAP # (Optional) 203 | GRID # (Optional) 204

II. CHEMICAL INFORMATION

CHEMICAL NAME 205: **Misc. Soaps/ Detergents** | TRADE SECRET ☐ YES ☒ NO 206 | If subject to EPCRA, refer to Instructions

COMMON NAME 207: **Soaps/ Detergents** | EHS * ☐ YES ☒ NO 208

CAS # 209: **Mixture** | * If EHS is "Yes", all amounts below must be in lbs.

FIRE CODE HAZARD CLASSES *(Complete if required by CUPA)* 210

HAZARDOUS MATERIAL TYPE *(Check one item only)* 211: ☐ PURE ☒ MIXTURE ☐ WASTE | RADIOACTIVE 212: ☐ YES ☒ NO | CURIES 213

PHYSICAL STATE *(Check one item only)* 214: ☐ SOLID ☒ LIQUID ☐ GAS | LARGEST CONTAINER 215: **55**

FEDERAL HAZARD CATEGORIES *(Check all that apply)* 216: ☒ FIRE ☐ REACTION ☐ PRESSURE RELEASE ☒ ACUTE HEALTH ☐ CHRONIC HEALTH

AVG DAILY AMOUNT 217	MAX DAILY AMOUNT 218	ANNUAL WASTE AMOUNT 219	STATE WASTE CODE 220
28	**165**	**N/A**	**N/A**

UNITS * *(Check one item only)* ☒ GAL ☐ CU FT ☐ LBS ☐ TONS 221 | DAYS ON SITE 222: **365**

* If EHS, Amount must be reported in pounds

STORAGE CONTAINER 223

☐ A. ABOVEGROUND TANK ☒ E. PLASTIC/NONMETALLIC DRUM ☐ I. FIBER DRUM ☐ M. GLASS BOTTLE ☐ Q. RAIL CAR
☐ B. UNDERGROUND TANK ☐ F. CAN ☐ J. BAG ☒ N. PLASTIC BOTTLE ☐ R. OTHER_____
☐ C. TANK INSIDE BUILDING ☐ G. CARBOY ☐ K. BOX ☐ O. TOTE BIN
☐ D. STEEL DRUM ☐ H. SILO ☐ L. CYLINDER ☐ P. TANK WAGON

STORAGE PRESSURE ☒ A. AMBIENT ☐ B. ABOVE AMBIENT ☐ C. BELOW AMBIENT 224

STORAGE TEMPERATURE ☒ A. AMBIENT ☐ B. ABOVE AMBIENT ☐ C. BELOW AMBIENT ☐ D. CRYOGENIC 225

	%WT	HAZARDOUS COMPONENT (for mixture or waste only)	EHS	CAS#
1	226: **N/A**	227: **Various Detergents**	228: ☐ YES ☒ NO	229: **N/A**
2	230	231	232: ☐ YES ☐ NO	233
3	234	235	236: ☐ YES ☐ NO	237
4	238	239	240: ☐ YES ☐ NO	241
5	242	243	244: ☐ YES ☐ NO	245

If more hazardous components are present at greater than 1% by weight if non-carcinogenic, or 0.1% by weight if carcinogenic, attach additional sheets of paper capturing the required information.

ADDITIONAL LOCALLY COLLECTED INFORMATION 246

If EPCRA, Please Sign Here

IED PROGRAM CONSOLIDATED FOR

HAZARDOUS MATERIALS

HAZARDOUS MATERIALS INVENTORY - CHEMICAL DESCRIPTION

(ONE PAGE PER MATERIAL PER BUILDING OR AREA)

☒ ADD ☐ DELETE ☐ REVISE 2002 PAGE 8 OF 10

I. FACILITY INFORMATION

BUSINESS NAME (same as FACILITY NAME or DBA - Doing Business As) 3: **Billings Chevrolet**

CHEMICAL LOCATION 201: **Service Area** | CONFIDENTIAL LOCATION 202 | CONFIDENTIAL (EPCRA) ☐ YES ☒ NO

FACILITY ID # 1 | MAP # (Optional) 203 | GRID # (Optional) 204

II. CHEMICAL INFORMATION

CHEMICAL NAME 205: **Ethylene Glycol** | TRADE SECRET ☐ YES ☒ NO 206 | If subject to EPCRA, refer to instructions

COMMON NAME 207: **Waste Antifreeze** | EHS * ☐ YES ☒ NO 208

CAS # 209: **Mixture** | * If EHS is "Yes", all amounts below must be in lbs.

FIRE CODE HAZARD CLASSES (Complete if required by CUPA) 210: **Combustible Liquid Class III-B**

HAZARDOUS MATERIAL TYPE (Check one item only) 211: ☐ PURE ☐ MIXTURE ☒ WASTE

RADIOACTIVE 212: ☐ YES ☒ NO | CURIES 213

PHYSICAL STATE (Check one item only) 214: ☐ SOLID ☒ LIQUID ☐ GAS

LARGEST CONTAINER 215: **500**

FEDERAL HAZARD CATEGORIES (Check all that apply) 216: ☒ FIRE ☐ REACTION ☐ PRESSURE RELEASE ☒ ACUTE HEALTH ☐ CHRONIC HEALTH

AVG DAILY AMOUNT 217	MAX DAILY AMOUNT 218	ANNUAL WASTE AMOUNT 219	STATE WASTE CODE 220
150	500	1125	0135

UNITS * (Check one item only) 221: ☒ GAL ☐ CU FT ☐ LBS ☐ TONS | * If EHS, Amount must be reported in pounds

DAYS ON SITE 222: **365**

STORAGE CONTAINER 223:

☒ A. ABOVEGROUND TANK ☐ B. UNDERGROUND TANK ☐ C. TANK INSIDE BUILDING ☐ D. STEEL DRUM ☐ E. PLASTIC/NONMETALLIC DRUM ☐ F. CAN ☐ G. CARBOY ☐ H. SILO ☐ I. FIBER DRUM ☐ J. BAG ☐ K. BOX ☐ L. CYLINDER ☐ M. GLASS BOTTLE ☐ N. PLASTIC BOTTLE ☐ O. TOTE BIN ☐ P. TANK WAGON ☐ Q. RAIL CAR ☐ R. OTHER_____

STORAGE PRESSURE 224: ☒ A. AMBIENT ☐ B. ABOVE AMBIENT ☐ C. BELOW AMBIENT

STORAGE TEMPERATURE 225: ☒ A. AMBIENT ☐ B. ABOVE AMBIENT ☐ C. BELOW AMBIENT ☐ D. CRYOGENIC

	%WT	HAZARDOUS COMPONENT (for mixture or waste only)	EHS	CAS#
1	50 (226)	Ethylene Glycol (227)	☐ YES ☒ NO (228)	107-21-1 (229)
2	45 (230)	Water (231)	☐ YES ☒ NO (232)	7732-32-5 (233)
3	5 (234)	Additives (235)	☐ YES ☒ NO (236)	Mixture (237)
4	(238)	(239)	☐ YES ☐ NO (240)	(241)
5	(242)	(243)	☐ YES ☐ NO (244)	(245)

If more hazardous components are present at greater than 1% by weight if non-carcinogenic, or 0.1% by weight if carcinogenic, attach additional sheets of paper capturing the required information.

ADDITIONAL LOCALLY COLLECTED INFORMATION 246

If EPCRA, Please Sign Here

FIED PROGRAM CONSOLIDATED FOR

HAZARDOUS MATERIALS

HAZARDOUS MATERIALS INVENTORY - CHEMICAL DESCRIPTION

(ONE PAGE PER MATERIAL PER BUILDING OR AREA)

☒ ADD ☐ DELETE ☐ REVISE 2002 PAGE 9 OF 10

I. FACILITY INFORMATION

BUSINESS NAME (same as FACILITY NAME or DBA - Doing Business As) 3: **Billings Chevrolet**

CHEMICAL LOCATION 201: **Service Area**

CONFIDENTIAL LOCATION 202: CONFIDENTIAL (EPCRA) ☐ YES ☒ NO

FACILITY ID # 1

MAP # (Optional) 203

GRID # (Optional) 204

II. CHEMICAL INFORMATION

CHEMICAL NAME 205: **Petroleum Distillate**

TRADE SECRET ☐ YES ☒ NO 206 — If subject to EPCRA, refer to Instructions

COMMON NAME 207: **Waste Motor Oil**

EHS * ☐ YES ☒ NO 208

CAS # 209: **Mixture**

* If EHS is "Yes", all amounts below must be in lbs.

FIRE CODE HAZARD CLASSES (Complete if required by CUPA) 210: **Combustible Liquid Class III-B**

HAZARDOUS MATERIAL TYPE (Check one item only) 211: ☐ PURE ☐ MIXTURE ☒ WASTE

RADIOACTIVE 212: ☐ YES ☒ NO

CURIES 213

PHYSICAL STATE (Check one item only) 214: ☐ SOLID ☒ LIQUID ☐ GAS

LARGEST CONTAINER 215: **500**

FEDERAL HAZARD CATEGORIES (Check all that apply) 216: ☒ FIRE ☐ REACTION ☐ PRESSURE RELEASE ☒ ACUTE HEALTH ☐ CHRONIC HEALTH

AVG DAILY AMOUNT 217	MAX DAILY AMOUNT 218	ANNUAL WASTE AMOUNT 219	STATE WASTE CODE 220
300	500	6275	0221

UNITS * (Check one item only) 221: ☒ GAL ☐ CU FT ☐ LBS ☐ TONS — * If EHS, Amount must be reported in pounds

DAYS ON SITE 222: **365**

STORAGE CONTAINER 223:

- ☒ A. ABOVEGROUND TANK
- ☐ B. UNDERGROUND TANK
- ☐ C. TANK INSIDE BUILDING
- ☐ D. STEEL DRUM
- ☐ E. PLASTIC/NONMETALLIC DRUM
- ☐ F. CAN
- ☐ G. CARBOY
- ☐ H. SILO
- ☐ I. FIBER DRUM
- ☐ J. BAG
- ☐ K. BOX
- ☐ L. CYLINDER
- ☐ M. GLASS BOTTLE
- ☐ N. PLASTIC BOTTLE
- ☐ O. TOTE BIN
- ☐ P. TANK WAGON
- ☐ Q. RAIL CAR
- ☐ R. OTHER_____

STORAGE PRESSURE 224: ☒ A. AMBIENT ☐ B. ABOVE AMBIENT ☐ C. BELOW AMBIENT

STORAGE TEMPERATURE 225: ☒ A. AMBIENT ☐ B. ABOVE AMBIENT ☐ C. BELOW AMBIENT ☐ D. CRYOGENIC

	%WT	HAZARDOUS COMPONENT (for mixture or waste only)	EHS	CAS#
1	75 (226)	Refined Base Oils (227)	☐ YES ☒ NO (228)	64742-55-8 (229)
2	10 (230)	Additives (231)	☐ YES ☒ NO (232)	68649-42-3 (233)
3	10 (234)	Dirt/Fuels/Water (235)	☐ YES ☒ NO (236)	Mixture (237)
4	(238)	(239)	☐ YES ☐ NO (240)	(241)
5	(242)	(243)	☐ YES ☐ NO (244)	(245)

If more hazardous components are present at greater than 1% by weight if non-carcinogenic, or 0.1% by weight if carcinogenic, attach additional sheets of paper capturing the required information.

ADDITIONAL LOCALLY COLLECTED INFORMATION 246

If EPCRA, Please Sign Here.

IED PROGRAM CONSOLIDATED FOR

HAZARDOUS MATERIALS

HAZARDOUS MATERIALS INVENTORY - CHEMICAL DESCRIPTION

(ONE PAGE PER MATERIAL PER BUILDING OR AREA)

☐ ADD ☐ DELETE ☐ REVISE 2002 PAGE 10 OF 10

I. FACILITY INFORMATION

BUSINESS NAME (same as FACILITY NAME or DBA - Doing Business As) 3: **Billings Chevrolet**

CHEMICAL LOCATION 201: **Service Area** | CONFIDENTIAL LOCATION 202 | CONFIDENTIAL (EPCRA) ☐ YES ☒ NO

FACILITY ID # 1 | MAP # (Optional) 203 | GRID # (Optional) 204

II. CHEMICAL INFORMATION

CHEMICAL NAME 205: **Mineral Spirits** | TRADE SECRET ☐ YES ☒ NO 206 | If subject to EPCRA, refer to instructions

COMMON NAME 207: **Stoddard Solvent** | EHS * ☐ YES ☒ NO 208

CAS # 209: **64741-41-9** | * If EHS is "Yes", all amounts below must be in lbs.

FIRE CODE HAZARD CLASSES (Complete if required by CUPA) 210

HAZARDOUS MATERIAL TYPE (Check one item only) 211: ☒ PURE ☐ MIXTURE ☐ WASTE | RADIOACTIVE 212: ☐ YES ☒ NO | CURIES 213

PHYSICAL STATE (Check one item only) 214: ☐ SOLID ☒ LIQUID ☐ GAS | LARGEST CONTAINER 215: **30**

FEDERAL HAZARD CATEGORIES (Check all that apply) 216: ☒ FIRE ☐ REACTION ☐ PRESSURE RELEASE ☒ ACUTE HEALTH ☐ CHRONIC HEALTH

AVG DAILY AMOUNT 217	MAX DAILY AMOUNT 218	ANNUAL WASTE AMOUNT 219	STATE WASTE CODE 220
15	**80**	**N/A**	**213**

UNITS * (Check one item only) 221: ☒ GAL ☐ CU FT ☐ LBS ☐ TONS — * If EHS, Amount must be reported in pounds | DAYS ON SITE 222: **365**

STORAGE CONTAINER 223

- ☐ A. ABOVEGROUND TANK
- ☐ B. UNDERGROUND TANK
- ☐ C. TANK INSIDE BUILDING
- ☒ D. STEEL DRUM
- ☐ E. PLASTIC/NONMETALLIC DRUM
- ☐ F. CAN
- ☐ G. CARBOY
- ☐ H. SILO
- ☐ I. FIBER DRUM
- ☐ J. BAG
- ☐ K. BOX
- ☐ L. CYLINDER
- ☐ M. GLASS BOTTLE
- ☐ N. PLASTIC BOTTLE
- ☐ O. TOTE BIN
- ☐ P. TANK WAGON
- ☐ Q. RAIL CAR
- ☐ R. OTHER_____

STORAGE PRESSURE 224: ☒ A. AMBIENT ☐ B. ABOVE AMBIENT ☐ C. BELOW AMBIENT

STORAGE TEMPERATURE 225: ☒ A. AMBIENT ☐ B. ABOVE AMBIENT ☐ C. BELOW AMBIENT ☐ D. CRYOGENIC

	%WT	HAZARDOUS COMPONENT (for mixture or waste only)	EHS	CAS#
1	226: **85**	227: **C9-C13-Hyrdocarbons**	228: ☐ YES ☒ NO	229: **64741-41-9**
2	230: **12**	231: **C9 Aromatics**	232: ☐ YES ☒ NO	233: **Mixture**
3	234: **1**	235: **Xylene**	236: ☐ YES ☒ NO	237: **1330-20-7**
4	238:	239:	240: ☐ YES ☐ NO	241:
5	242:	243:	244: ☐ YES ☐ NO	245:

If more hazardous components are present at greater than 1% by weight if non-carcinogenic, or 0.1% by weight if carcinogenic, attach additional sheets of paper capturing the required information.

ADDITIONAL LOCALLY COLLECTED INFORMATION 246

If EPCRA, Please Sign Here

UNIFIED PROGRAM CONSOLIDATED FORM
HAZARDOUS MATERIALS

HAZARDOUS MATERIALS INVENTORY – CHEMICAL DESCRIPTION

(one page per material per building or area)

☒ ADD ☐ DELETE ☐ REVISE 200. Page ___ of ___

I. FACILITY INFORMATION

BUSINESS NAME (Same as FACILITY NAME or DBA – Doing Business As) 3.
Billings Chevrolet

CHEMICAL LOCATION 201.
Service Area

CHEMICAL LOCATION CONFIDENTIAL EPCRA 202.
☐ YES ☒ NO

FACILITY ID # (Agency Use Only) 1.

MAP # 203.

GRID # 204.

II. CHEMICAL INFORMATION

CHEMICAL NAME 205.

TRADE SECRET ☐ Yes ☐ No 206.
If Subject to EPCRA, refer to instructions

COMMON NAME 207.
Mirachem 500 Cleaner/Degreaser

EHS* ☐ Yes ☒ No 208.

CAS# 209.
NA

*If EHS is "Yes," all amounts below must be in lbs.

FIRE CODE HAZARD CLASSES (Complete if required by local agency) 210.
CLIIIB, Irr

HAZARDOUS MATERIAL TYPE (Check one item only) ☐ a. PURE ☒ b. MIXTURE ☐ c. WASTE 211.

RADIOACTIVE ☐ Yes ☒ No 212.

CURIES 213.

PHYSICAL STATE (Check one item only) ☐ a. SOLID ☒ b. LIQUID ☐ c. GAS 214.

LARGEST CONTAINER 30 215.

FED HAZARD CATEGORIES (Check all that apply) ☒ a. FIRE ☐ b. REACTIVE ☐ c. PRESSURE RELEASE ☐ d. ACUTE HEALTH ☐ e. CHRONIC HEALTH 216.

AVERAGE DAILY AMOUNT 217.	MAXIMUM DAILY AMOUNT 218.	ANNUAL WASTE AMOUNT 219.	STATE WASTE CODE 220.
15	80		

UNITS* (Check one item only) ☒ a. GALLONS ☐ b. CUBIC FEET ☐ c. POUNDS ☐ d. TONS 221.
* If EHS, amount must be in pounds.

DAYS ON SITE 222.
365

STORAGE CONTAINER 223.
☐ a. ABOVEGROUND TANK ☒ e. PLASTIC/NONMETALLIC DRUM ☐ i. FIBER DRUM ☐ m. GLASS BOTTLE ☐ q. RAIL CAR
☐ b. UNDERGROUND TANK ☐ f. CAN ☐ j. BAG ☐ n. PLASTIC BOTTLE ☐ r. OTHER
☐ c. TANK INSIDE BUILDING ☐ g. CARBOY ☐ k. BOX ☐ o. TOTE BIN
☐ d. STEEL DRUM ☐ h. SILO ☐ l. CYLINDER ☐ p. TANK WAGON

STORAGE PRESSURE ☒ a. AMBIENT ☐ b. ABOVE AMBIENT ☐ c. BELOW AMBIENT 224.

STORAGE TEMPERATURE ☒ a. AMBIENT ☐ b. ABOVE AMBIENT ☐ c. BELOW AMBIENT ☐ d. CRYOGENIC 225.

% WT	HAZARDOUS COMPONENT (For mixture or waste only)	EHS	CAS #
1. 226.	227.	☐ Yes ☐ No 228.	229.
2. 230.	231.	☐ Yes ☐ No 232.	233.
3. 234.	235.	☐ Yes ☐ No 236.	237.
4. 238.	239.	☐ Yes ☐ No 240.	241.
5. 242.	243.	☐ Yes ☐ No 244.	245.

If more hazardous components are present at greater than 1% by weight if non-carcinogenic, or 0.1% by weight if carcinogenic, attach additional sheets of paper capturing the required information.

ADDITIONAL LOCALLY COLLECTED INFORMATION 246.
DOT Hazard Class: ____

If EPCRA, Please Sign Here.

WASTE INVENTORY FORM

Please complete the following information :

Identify all waste streams generated by your facility. For each waste stream, identify the California Waste Code, annual quantities produced and the current method of disposal for all waste manifested off site (i.e. Recycle is (01), Incineration is (07), etc.). See the attached table for reference in selecting proper numerical codes for waste streams and disposal methods.

Two common examples are provided.

Waste Stream	CA Waste Code	Annual Quantity Generated	Current Disposal Method	
Example: Paint Waste	*461*	*300 Gallons*	*01*	
Example 2 : Waste Motor Oil	*221*	*110 Gallons*	*01*	
WASTE MOTOR OIL	221	(1700 GAL)	01	
WASTE ANTIFREEZE (COOLENT)	134	(1015 GAL)	01	8465 lbs
SOLVENT (COLD TANKS)	741	(3000 LBS)	01	
WASTE CARB. CLEANER	221	(20 GAL)	01	166 lbs
RQ HAZARDOUS WASTE SOLID	352	(Ø)	07	
NON-RCRA HAZARDOUS WASTE LIQUID	223	(110 GAL)	01	917 lbs

6.2 ton

Add a seperate sheet as an attachment if you should need more space.

✓ 60C

County of Santa Clara
Health Department
Office of Toxics Enforcement
(408) 299 - 6930
2220 Moorpark Avenue
San Jose, California 95128

BC: 22133
WA: 608
LC: 08
CT: 4698
PS: 1
KG: 12148

503407AB
5-13-94
62696
5-31-95

RECEIVED BY ENVIRONMENTAL HEALTH HMCD
MAR 22 2 17 PM '94

HAZARDOUS WASTE GENERATOR PERMIT APPLICATION

Business Name (DBA) : Billings Chevrolet, Inc.

DBA Location Address : 600 Barber Lane Milpitas, CA 95035

Mailing Address (if different) :

Proprietor/Billing Name : Billings Chevrolet, Inc.

Billing Address (if different from mailing address) :

Business Phone: (408) 453-8200 Hours of Operation : Mon - Fri 8:00 a.m. 6:00 p.m.

Contact Person : William Allan Contact Phone : (408) 453-8200

Type of Business : Auto Dealership FAX 473-9995

EPA ID Number : CA0000005918 SIC Code (if known) : 5511

List any other permits you currently have for the storage, treatment and/or disposal of hazardous waste : City of Milpitas #820-323019, 820-323020
State Board of Equalization HA HQ 36-024686

The annual permit fee is determined by the quantity of hazardous waste generated per year. Check [X] the **one** line below that best describes the amount and kind of waste generated by your business over the past year.

Hazardous Waste Generated		Hazardous Waste Business Code
[ ]	Recycles Waste Oil Only - any amount.	2212 A
[ ]	Generates less than100 kg/yr *(Approx. 27 gallons).*	2212 B
[ ]	Generates less than 5 tons/year.	2213 A
[X]	Generates 5 to less than 25 tons/year.	2213 B
[ ]	Generates 25 to less than 50 tons/year.	2213 C
[ ]	Generates 50 to less than 250 tons/year.	2213 D
[ ]	Generates 250 to less than 500 tons/year.	2213 E
[ ]	Generates 500 to less than 1,000 tons/year.	2213 F
[ ]	Generates 1,000 to less than 2,000 tons/year.	2213 G
[ ]	Generates 2,000 or more tons/year.	2213 H

The undersigned hereby applies for a hazardous waste generator permit from the County of Santa Clara and agrees to comply with all applicable hazardous waste regulations and with inspectional procedures needed to insure compliance.

William D. Allan SERVICE MGR. 3/11/94

Signature of Owner/Operator, Title — Date

Board of Supervisors: Michael M. Honda, Zoe Lofgren, Ron Gonzales, Rod Diridon, Dianne McKenna
County Executive: Sally R. Reed

County of Santa Clara
Environmental Resources Agency
Department of Environmental Health
2220 Moorpark Avenue
San Jose, California 95128
(408) 299-6930
FAX (408) 280-6479

☐ **HAZARDOUS MATERIALS STORAGE**
☒ **HAZARDOUS WASTE GENERATOR**
OFFICIAL NOTICE OF INSPECTION

DATE Aug 3 '94

DBA/NAME Billing Chevolet, Inc

Comments: (see marked violations on page 1)

66265.16 · Unable to determine if the haz. waste mgmt & emergency procedure training meet the Title 22 HAZ WASTE requirement. Submit summary of video tape.

66265.16(1) &(2) Provide job title & job description for all employees who handle or manage haz. waste.

66265.174 Implement & document weekly inspection of all haz. waste storage containers/~~area~~ tank area etc. Area

66265.33 Implement & document monthly inspection of emergency equipment.

Within 30 days, you must submit a letter explaining how the above violation were corrected. In addition submit the Certificate of Compliance with your compliance letter.

Received by: Willi D All

Inspected by: Wayne Yip
Hazardous Materials Compliance Division

Samples taken? Yes (No)

Photos taken? Yes (No)

(06) TRAINING

- [x] 66265.16 Training Program not provided
- [ ] 66265.16(b) Personnel untrained and unsupervised
- [ ] 66265.16(b) Hazardous waste personnel not trained within 6 months of hire date
- [ ] 66265.16(d) Training records not kept on site
- [x] 66265.16(1) Training records missing job title/names of hazardous waste employees
- [x] 66265.16(2) Training records missing description of position
- [ ] 66265.16(e) Training records not maintained until closure of facility or at least 3 years (for former employees)

(07) CONTINGENCY PLAN/BUSINESS PLAN

- [ ] 66265.53(b) Contingency/Business Plan not submitted/made
- [ ] 66265.52(a) Plan does not describe personnel response in emergencies
- [ ] 66265.52(b) Plan missing agreements with local emergency response agencies/hospitals
- [ ] 66265.52(d) Plan missing names/addresses/phone numbers of emergency coordinators
- [ ] 66265.52(e) Plan missing list of emergency equipment/locations
- [ ] 66265.52(f) Plan does not contain evacuation procedures/routes
- [ ] 66265.53 Copy of Plan not maintained on site
- [ ] 66265.54 Plan not amended as necessary
- [ ] 66265.55 Emergency coordinator not familiar with facility/Contingency Plan

(08) PREPAREDNESS AND PREVENTION

- [ ] 66265.32(a) Internal communications or alarm system not provided
- [ ] 66265.32 A device capable of calling outside emergency help not provided
- [ ] 66265.34 No access to communication/alarm system during waste handling
- [ ] 66265.32(c) No fire/spill control or decontamination system
- [x] 66265.33 Emergency equipment not tested/maintained
- [ ] 66265.35 Required aisle space not maintained

(09) MANIFEST/RECEIPTS

- [ ] 66262.20 Waste shipped without a manifest
- [ ] 66263.42 Modified manifest/receipt not kept/not available/incomplete
- [ ] 25250.8 Waste oil modified manifest/receipt not kept/not available/incomplete
- [ ] 66262.23 Manifest copies not sent to DOHS within 30 days
- [ ] 66262.23 Applicable sections of manifest not properly filed out
- [ ] 66262.23 Manifest missing GENERATOR information
- [ ] 66262.20 Manifest missing TRANSPORTER information
- [ ] 66262.23 Manifest missing TSDF information
- [ ] 66262.23 Manifest missing waste description/quantity
- [ ] 66262.23 Manifest unsigned/undated by GENERATOR
- [ ] 66262.23 Manifest unsigned/undated by TRANSPORTER
- [ ] 66262.42 No attempt to determine status of waste when no TSDF manifest copy received within 35 days of shipment
- [ ] 66262.42 Exception Report not sent to DOHS within 45 days
- [ ] 66262.40 Manifest copy not kept for 3 years from shipment

(10) TRANSPORT

- [ ] 66262.12 Waste offered to transporter without EPA ID No.
- [ ] 66262.12 Waste offered to TSD facility without EPA ID No.
- [ ] 66263.17 Waste transported by unregistered hauler

(11) EMERGENCY PROCEDURES

- [ ] 66265.56 Character/source/extent of emergency not determined
- [ ] 66265.56 Proper agencies not notified of health/environmental hazards
- [ ] 66265.56 Emergency data not logged/submitted to DTSC and Santa Clara County within 15 days of accident
- [ ] 66265.56 Released waste/contaminated equipment improperly treated, handled, stored, or disposed

(12) OTHER

- [ ] _____
- [ ] _____

DBA/NAME Billings Chevrolet, Inc Address 600 Barber Lane, MI 95035

Received by: Willie D. Allen Inspected by: WAYNE YIP Page 2 of 3

5184-A REV 5/92

Rd forfw

County of Santa Clara

Environmental Resources Agency
Department of Environmental Health

Hazardous Materials Compliance Division
2220 Moorpark, Avenue, East Wing, Room 204
San Jose, California 95128-2690
(408) 299-6930 FAX 280-6479

HAZARDOUS WASTE GENERATOR OFFICIAL NOTICE OF INSPECTION

DBA/NAME Billings Chevrolet, INC	EPA # CAD 008 005 918					COMPUTER # 503407
ADDRESS 600 Barber Lane, MI 95035						DATE 8/3/94 SC 01
CONTACT PERSON Willie D. Allan, Service Mgr.						HOURS 3.0 WORK AREA 608
COMPANY PRESIDENT/OWNER ETC.						EMP # 634 DAYS GIVEN
COMPANY MAILING ADDRESS		1	2	3	4	ENTERED 9-8-94 BY WT

VIOLATIONS: Item(s) checked below represent a violation of referenced sections of Title 22 of Calif. Code of Regulations, and/or Chapter 6.5 of the Health & Safety Code or which there are civil and criminal penalties in addition to fines ranging from $2,000 to $250,000 per day per violation. Time granted for correction of violations does not preclude any enforcement action by this department or other agencies.

(01) HAZARDOUS WASTE DETERMINATION

☐ 66262.11 Hazardous waste determination not made

(02) DISPOSAL

☐ 25189.5 Disposal of hazardous waste and/or extremely hazardous waste to trash/dumpster/ground
☐ 25189.5 Disposal of hazardous waste and/or extremely hazardous waste to storm drain
☐ 25189.5 Disposal of hazardous waste and/or extremely hazardous waste to sewer/septic system without permit
☐ 25189.5 Disposal of hazardous waste and/or extremely hazardous waste to an unpermitted facility

(03) EPA NUMBER/PERMITS

☐ 66262.12 Waste generator operating without EPA ID No.
☐ 66270.1 On-site waste treatment/disposal without permit
☐ 67430.1 Handling/disposal of extremely hazardous waste without permit

(04) ACCUMULATION TIME AND MANAGEMENT OF CONTAINERS/TANKS

☐ 66262.34(c) Waste accumulated on site greater than 90 days without an extension from Dept. of Health Services
☐ 66262.34(f) Accumulation start date on waste container not marked/legible
☐ 66262.34(f) Description of contents/hazardous property of waste/generator name and address not marked on container
☐ 66265.171 Hazardous waste container not in good condition
☐ 66265.172 Waste incompatible with container
☐ 66265.173 Waste containers not closed/sealed during storage
☐ 66265.177(c) Waste containers not handled/stored/segregated to minimize waste release/reaction
☒ 66265.174 Container storage area not inspected weekly
☐ 66266.130 Improper management of used oil filters

☐ 66262.34(f) "HAZARDOUS WASTE" not clearly marked on containers/tank
☐ 66262.34(d) Tank greater than 5000 gallons of hazardous waste without permit
☐ 66256.194(3) Open tank less than 2 ft. freeboard without double containment
☐ 66265.199 Incompatibles in same tank
☐ 66265.195 Tank and tank equipment not inspected daily/not documented in operating record of the facility

(05) RECORDKEEPING AND REPORTING

☐ 66262.11 Waste analysis/test records not kept for at least 3 years
☐ 66262.41 Biennial Report not sent to Dept. of Health Services
☐ 66262.41 Biennial Report incomplete/incorrect
☐ 66262.40 Biennial Report copy/Exception Report not retained

Received by: William D. Allan Inspected by: Wayne YIP

5184

Evergreen Environmental Services

dedicated to the protection of the environment

Bill of Lading / Invoice

To schedule a pickup, call
800-972-5284

6880 Smith Ave., Newark, CA EPA# CAD982413262
16540 S. San Pedro St., Carson, CA EPA# CAD982413262

Send payment to:
Evergreen
P.O. Box 49065
San Jose, CA 95161-9065

INVOICE 687532

Date 4-16-98

JOB LOCATION

NAME	ADDRESS	CITY	STATE	ZIP	CO	PHONE NO.
Billings Chevrolet	7000 Border (W.	Milpitas	CA	95035		408 453-8200

BILLING INFORMATION

NAME	ADDRESS	CITY	STATE	ZIP	CO	PHONE NO.	PROFILE NO.
						( )	

CASH ☐ CHECK ☐ #

CUSTOMER CODE NO. BICH83

PO # 72579

CUSTOMER EPA ID NO. CAL000005915

PRODUCT	WASTE CODE	MANIFEST NUMBER	QUANTITY	UNITS	PRICE	AMOUNT
Used oil, Non-RCRA Hazardous Waste, Liquid — Lubricating	CA 221	97458123	740	Gal	F&P	65-
Used oil, Non-RCRA Hazardous Waste, Liquid — Industrial	CA 221			Gal		
Used Automotive Antifreeze, Non-RCRA Hazardous Waste, Liquid	CA 134	97458121	110	Gal	1.40	154-
RQ Waste Combustible Liquid, N.O.S. NA 1993 III (Oil contaminated with halogens)	CA 221 F001/F002			Gal		
Oil & Water, Non-RCRA Hazardous Waste, Liquid	CA221			Gal		
Waste Solids and Sludges				Gal		
Wash-out				Each		
Drained Used Oil Filters				Drum		
Non-RCRA Hazardous Waste Solids (oily debris)	CA 223			Drum		
Empty Drums				Drum		
Transportation				Hrs.		
Other:						
Other:						
Other:						
Other:						
Other:						
Other:						
Other:						
Other:						

TEST Flame PASS ☐ FAIL ☐ PPM Test

☐ Collection Station ☐ Agricultural Source
☐ Government Source ☐ Industrial Source
☐ Marine Source

POSTED APR 21 1998

RECEIVED MAY 20 1998

Service PO # 72579 #770 ALL .69 4-16

NET 7 DAYS TOTAL CHARGES 219-

Accounting Office 949-757-7770 **Please Pay From This Invoice**

TSDF: Evergreen Oil, Inc.
6880 Smith Avenue
Newark, CA 94560
EPA# CAD980887418

I hereby certify that all information submitted in this and all attached document contains true and accurate descriptions of the waste. All relevant information regarding known or suspected hazards associated with the waste has been disclosed. This further serves as notification that the above liquid wastes are banned from land disposal pursuant to Title 22 Section 66268.7 (a) (10). I also acknowledge that I have read and agree to the terms on the reverse side of this form. Pursuant to Title 22, Section 66264.12, Evergreen Oil, Inc. has the appropriate permits for, and will accept the wastes manifested to Evergreen facilities.

DRIVER	ROUTE #	DRIVER SIGNATURE	GENERATOR'S SIGNATURE	PRINT NAME
M Hunsaker	09	M Hunsaker	R Larson	

Evergreen Environmental Services

dedicated to the protection of the environment

Bill of Lading / Invoice

To schedule a pickup, call
800-972-5284

180 Smith Ave., Newark, CA EPA# CAD982413262
3540 S. San Pedro St., Carson, CA EPA# CAD982413262

Send payment to:
Evergreen
P.O. Box 49065
San Jose, CA 95161-9065

INVOICE 678183

Date 3-24-98

JOB LOCATION

NAME: Billings Chevrolet
ADDRESS: 600 Border Ln.
CITY: Milpitas STATE: CA ZIP: 95035 CO:
PHONE NO.: (408) 453-8200

BILLING INFORMATION

NAME:
ADDRESS:
CITY: STATE: ZIP: CO:
PHONE NO.: ( )
PROFILE NO.:

CASH ☐ CHECK ☐ #
CUSTOMER CODE NO.: BICH03
PO #: BC71511
CUSTOMER EPA ID NO.: CAL000005948

PRODUCT	WASTE CODE	MANIFEST NUMBER	QUANTITY	UNITS	PRICE	AMOUNT
Used oil, Non-RCRA Hazardous Lubricating	CA 221	97210977	490	Gal	.25	122.50
Waste, Liquid Industrial	CA 221			Gal		
Used Automotive Antifreeze, Non-RCRA Hazardous Waste, Liquid	CA 134			Gal		
RQ Waste Combustible Liquid, N.O.S. NA 1993 III (Oil contaminated with halogens)	CA 221 RDIAH02			Gal		
Oil & Water, Non-RCRA Hazardous Waste, Liquid	CA221			Gal		
Waste Solids and Sludges				Gal		
Wash-out				Each		
Drained Used Oil Filters				Drum		
Non-RCRA Hazardous Waste Solids (oily debris)	CA 223			Drum		
Empty Drums				Drum		
Transportation				Hrs.		
Other:						
Other:						
Other:						
Other:						
Other:						
Other:						
Other:						
Other:						

PO # 71311 3-24-98

RECEIVED
MAY 20 1998

TEST Flame PASS ☐ FAIL ☐ PPM Test

☐ Collection Station ☐ Agricultural Source
☐ Government Source ☐ Industrial Source
☐ Marine Source

NET 7 DAYS TOTAL CHARGES 122.50

Accounting Office 714-757-7770 **POSTED** Please Pay From This Invoice

MAR 31 1998

TSDF: Evergreen Oil, Inc.
6880 Smith Avenue
Newark, CA 94560
EPA# CAD980887418

I hereby certify that all information submitted in this and all attached documents contains true and accurate description of the waste. All relevant information regarding known or suspected hazards associated with the waste has been disclosed. This further serves as notification that the above liquid wastes are banned from land disposal pursuant to Title 22 Section 66268.7 (a)(10). I also acknowledge that I have read and agree to the terms on the reverse side of this form.

Nuisance 09 — R Corona

DRIVER | ROUTE # | DRIVER SIGNATURE | GENERATOR'S SIGNATURE | PRINT NAME

Evergreen Environmental Services

dedicated to the protection of the environment

Bill of Lading / Invoice

To schedule a pickup, call
800-972-5284

6880 Smith Ave., Newark, CA EPA# CAD982413262
16540 S. San Pedro St., Carson, CA EPA# CAD982413262

Send payment to:
Evergreen
P.O. Box 49065
San Jose, CA 95161-9065

INVOICE 669873

Date 2-10-98

JOB LOCATION

NAME	ADDRESS	CITY	STATE	ZIP	CO	PHONE NO.
B. Hughes Chevrolet	600 Barber Ln	Milpitas	CA	95035		408 453-8200

BILLING INFORMATION

NAME	ADDRESS	CITY	STATE	ZIP	CO	PHONE NO.	PROFILE NO.
						( )	

POSTED
FEB 12 1998

CASH ☐ CHECK ☐ #

CUSTOMER CODE NO. BICH03

PO # 70922

CUSTOMER EPA ID NO. CA0000059[illegible]

PRODUCT	WASTE CODE	MANIFEST NUMBER	QUANTITY	UNITS	PRICE	AMOUNT
Used oil, Non-RCRA Hazardous Lubricating	CA 221	97202070	275	Gal	.25	68 75
Waste, Liquid Industrial	CA 221			Gal		
Used Automotive Antifreeze, Non-RCRA Hazardous Waste, Liquid	CA 134	97201383	50	Gal	1.40	70 —
RQ Waste Combustible Liquid, N.O.S. NA 1993 III (Oil contaminated with halogens)	CA 221 RD01A002			Gal		
Oil & Water, Non-RCRA Hazardous Waste, Liquid	CA221			Gal		
Waste Solids and Sludges				Gal		
Wash-out				Each		
Drained Used Oil Filters				Drum		
Non-RCRA Hazardous Waste Solids (oily debris)	CA 223	6918		Drum		
Empty Drums				Drum		
Transportation				Hrs.		
Other:						
Other:						
Other:						
Other						
Other						
Other						
Other:						
Other						
TEST Flame	PASS ☐	FAIL ☐	PPM	Test		

RECEIVED
MAY 20 1998

☐ Collection Station ☐ Agricultural Source
☐ Government Source ☐ Industrial Source
☐ Marine Source

NET 7 DAYS TOTAL CHARGES 138 75

Accounting Office 510-795-4400 **Please Pay From This Invoice**

TSDF: Evergreen Oil, Inc.
6880 Smith Avenue
Newark, CA 94560
EPA# CAD980887418

I hereby certify that all information submitted in this and all attached document contains true and accurate descriptions of the waste. All relevant information regarding known or suspected hazards associated with the waste has been disclosed. This further serves as notification that the above liquid wastes are banned from land disposal pursuant to Title 22 Section 66268.7 (a)(10). I also acknowledge that I have read and agree to the terms on the reverse side of this form

DRIVER Mansour Of ROUTE # DRIVER SIGNATURE GENERATOR'S SIGNATURE PRINT NAME

Evergreen Environmental Services

dedicated to the protection of the environment

Bill of Lading / Invoice

To schedule a pickup, call
800-972-5284

6880 Smith Ave., Newark, CA EPA# CAD982413262
3540 S. San Pedro St., Carson, CA EPA# CAD982413262

Send payment to:
Evergreen
P.O. Box 49065
San Jose, CA 95161-9065

INVOICE 665905
9624528 9

Date 1-14-98

JOB LOCATION

NAME: Billings Chevrolet
ADDRESS: 600 Barber Ln
CITY: Milpitas STATE: CA ZIP: 95035 CO:
PHONE NO.: 408 953-8200

BILLING INFORMATION

POSTED
JAN 15 1998

NAME:
ADDRESS:
CITY: STATE: ZIP: CO:
PHONE NO.: ( )
PROFILE NO.:

CASH ☐ CHECK ☐ #
CUSTOMER CODE NO.: BICH03
PO #: 8 70304
CUSTOMER EPA ID NO.: CALOOOOO5948

PRODUCT	WASTE CODE	MANIFEST NUMBER	QUANTITY	UNITS	PRICE	AMOUNT
Used oil, Non-RCRA Hazardous Lubricating	CA 221	9623652	260	Gal	F/P	65=
Waste, Liquid Industrial	CA 221			Gal		
Used Automotive Antifreeze, Non-RCRA Hazardous Waste, Liquid	CA 134			Gal		
RQ Waste Combustible Liquid, N.O.S. NA 1993 III (Oil contaminated with halogens)	CA 221 HOI/HOO2			Gal		
Oil & Water, Non-RCRA Hazardous Waste, Liquid	CA221			Gal		
Waste Solids and Sludges				Gal		
Wash-out				Each		
Drained Used Oil Filters				Drum		
Non-RCRA Hazardous Waste Solids (oily debris)	CA 223			Drum		
Empty Drums				Drum		
Transportation				Hrs.		
Other:						
Other:						
Other:						
Other:						
Other:						
Other:						
Other:						
TEST Flame PASS ☒ FAIL ☐		PPM		Test		

RECEIVED
MAY 20 1998

☐ Collection Station ☐ Agricultural Source
☐ Government Source ☐ Industrial Source
☐ Marine Source

NET 7 DAYS **TOTAL CHARGES** 65=

Accounting Office 510-795-4400 **Please Pay From This Invoice**

TSDF: Evergreen Oil, Inc.
6880 Smith Avenue
Newark, CA 94560
EPA# CAD980887418

I hereby certify that all information submitted in this and all attached documents contains true and accurate descriptions of the waste. All relevant information regarding known or suspected hazards associated with the waste has been disclosed. This further serves as notification that the above liquid wastes are banned from land disposal pursuant to Title 22 Section 66268.7 (a)(10). I also acknowledge that I have read and agree to the terms on the reverse side of this form

DRIVER: Hernandez ROUTE #: 09 DRIVER SIGNATURE: [signature] GENERATOR'S SIGNATURE: [signature] PRINT NAME: K Corona

Evergreen Environmental Services

dedicated to the protection of the environment

To schedule a pickup, call
800-972-5284

7200 Central Ave., Newark, CA EPA# CAD982413262
10712 Vernon Ave., Ontario CA EPA# CAL000027724

Send payment to:
Evergreen
P.O. Box 49065
San Jose, CA 95161-9065

Bill of Lading / Invoice

INVOICE 654918

Date 12-17-97

JOB LOCATION

NAME	ADDRESS	CITY	STATE	ZIP	CO	PHONE NO.
Billings Chevrolet	600 Barber LN	Milpitas	CA	95035		(408) 453-8200

BILLING INFORMATION

NAME	ADDRESS	CITY	STATE	ZIP	CO	PHONE NO.	PROFILE NO.
						( )	

CASH ☐ CHECK ☐ #

CUSTOMER CODE NO. Bichas

PO # 70116

CUSTOMER EPA ID NO. CAL000005918

PRODUCT	WASTE CODE	MANIFEST NUMBER	QUANTITY	UNITS	PRICE	AMOUNT
Used oil, Non RCRA Hazardous Waste, Liquid — Lubricating	CA 221	90721980	375	Gal	.25	93.75
Used oil, Non RCRA Hazardous Waste, Liquid — Industrial	CA 221			Gal		
Used Automotive Antifreeze, Non-RCRA Hazardous Waste, Liquid	CA 134	97209366	50	Gal	1.40	70.-
RQ Waste Petroleum Oil NOS Combustible Liquid UN 1270 III (Oil contaminated with halogens)	CA 221 H01/H02			Gal		
Oil & Water, Non-RCRA Hazardous Waste, Liquid	CA221			Gal		
Waste Solids and Sludges				Gal		
Wash-out				Each		
Drained Used Oil Filters				Drum		
Non-RCRA Hazardous Waste Solids (oily debris)	CA 223			Drum		
Empty Drums				Drum		
Transportation				Hrs.		
Other:						
Other:						
Other:						
Other:						
Other:						
Other:						
Other:						

POSTED
DEC 16 1997

RECEIVED
MAY 20 1998

TEST Flame PASS ☑ FAIL ☐ PPM Test

☐ Collection Station ☐ Agricultural Source
☐ Government Source ☐ Industrial Source
☐ Marine Source

NET 7 DAYS **TOTAL CHARGES** 163.75

Accounting Office 510-795-4400 **Please Pay From This Invoice**

TSDF: Evergreen Oil, Inc.
6880 Smith Avenue
Newark, CA 94560
EPA# CAD980887418

I hereby certify that all information submitted in this and all attached documer contains true and accurate descriptions of the waste. All relevant informatic regarding known or suspected hazards associated with the waste has been disclosed. This further serves as notification that the above liquid wastes are banned from land disposal pursuant to Title 22 Section 66268.7 (a)(10). I also acknowledge that I hav read and agree to the terms on the reverse side of this form.

Al Guerrero 09

DRIVER ROUTE # DRIVER SIGNATURE GENERATOR'S SIGNATURE PRINT NAME

Evergreen Environmental Services

dedicated to the protection of the environment

To schedule a pickup, call
800-972-5284

7200 Central Ave., Newark, CA EPA# CAD982413262
10712 Vernon Ave., Ontario CA EPA# CAL000027724

Send payment to:
Evergreen
P.O. Box 49065
San Jose, CA 95161 9065

Bill of Lading / Invoice
644815

INVOICE

Date 11-11-97

JOB LOCATION	BILLING INFORMATION	
NAME: Billings Chevrolet	NAME:	CASH ☐ CHECK ☐ #
ADDRESS: 600 Barber Ln	ADDRESS:	CUSTOMER CODE NO: BICH03
CITY: Milpitas STATE: CA ZIP: 95035 CO:	CITY: STATE: ZIP: CO:	PO#: 70020
PHONE NO: 408 453-8200	PHONE NO: ( ) PROFILE NO:	CUSTOMER EPA ID NO: CAL000005918

PRODUCT	WASTE CODE	MANIFEST NUMBER	QUANTITY	UNITS	PRICE	AMOUNT
Used oil, Non-RCRA Hazardous Lubricating	CA 221	9671641 7	200	Gal	F/P	65
Waste, Liquid Industrial	CA 221			Gal		
Used Automotive Antifreeze, Non-RCRA Hazardous Waste, Liquid	CA 134	96718120	115	Gal	1.40	161
RQ Waste Petroleum Oil NOS Combustible Liquid UN 1270 III (Oil contaminated with halogens)	CA 221 1001 1002			Gal		
Oil & Water, Non-RCRA Hazardous Waste, Liquid	CA221			Gal		
Waste Solids and Sludges				Gal		
Wash-out				Each		
Drained Used Oil Filters				Drum		
Non-RCRA Hazardous Waste Solids (oily debris)	CA 223	25083		Drum		
Empty Drums				Drum		
Transportation				Hrs.		
Other:						
Other:						
Other:						
Other:						
Other:						
Other:						
Other:						
Other:						
TEST None PASS ☐ FAIL ☐ PPM			Test			

RECEIVED
MAY 20 1998

POSTED
DEC 03 1997

☐ Collection Station ☐ Agricultural Source
☐ Government Source ☐ Industrial Source
☐ Marine Source

NET 7 DAYS **TOTAL CHARGES** 226

Accounting Office 510-795-4400 **Please Pay From This Invoice**

TSDF: Evergreen Oil, Inc.
6880 Smith Avenue
Newark, CA 94560
EPA# CAD980887418

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DRIVER ROUTE # DRIVER SIGNATURE GENERATOR'S SIGNATURE PRINT NAME

Evergreen Environmental Services

dedicated to the protection of the environment

To schedule a pickup, call
800-972-5284

7200 Central Ave., Newark, CA EPA# CAD982413262
10712 Vernon Ave., Ontario CA EPA# CAL000027724

Send payment to:
Evergreen
P.O. Box 49065
San Jose, CA 95161-9065

Bill of Lading / Invoice
624005

INVOICE

Date 10-14-97

JOB LOCATION	BILLING INFORMATION	
NAME: Billings Chevrolet	NAME:	CASH ☐ CHECK ☐ #:
ADDRESS: 600 Barber Ln	ADDRESS:	CUSTOMER CODE NO.: BILL03
CITY: Milpitas STATE: CA ZIP: 95035 CO:	CITY: STATE: ZIP: CO:	PO#: 68377
PHONE NO.: (408) 653-8200	PHONE NO.: ( ) PROFILE NO.:	CUSTOMER EPA ID NO.: CALUR0[illegible]

PRODUCT	WASTE CODE	MANIFEST NUMBER	QUANTITY	UNITS	PRICE	AMOUNT
Used oil, Non-RCRA Hazardous Lubricating	CA 221	26716451		Gal	FP	65=
Waste, Liquid Industrial	CA 221			Gal		
Used Automotive Antifreeze, Non-RCRA Hazardous Waste, Liquid	CA 134			Gal		
RQ Waste Petroleum Oil NOS Combustible Liquid UN 1270 III (Oil contaminated with halogens)	CA 221 RCRA002			Gal		
Oil & Water, Non-RCRA Hazardous Waste, Liquid	CA221			Gal		
Waste Solids and Sludges				Gal		
Wash-out				Each		
Drained Used Oil Filters				Drum		
Non-RCRA Hazardous Waste Solids (oily debris)	CA 223			Drum		
Empty Drums				Drum		
Transportation				Hrs.		
Other:						
Other:						
Other:						
Other:						
Other:						
Other:						
Other:						
Other:						
TEST Flame — PASS ☐ FAIL ☐		PPM		Test		

RECEIVED
MAY 20 1998

7D
Used oil pickup

POSTED
OCT 27 1997

☐ Collection Station ☐ Agricultural Source
☐ Government Source ☐ Industrial Source
☐ Marine Source

NET 7 DAYS TOTAL CHARGES 65=

Accounting Office 510-795-4400 **Please Pay From This Invoice**

TSDF: Evergreen Oil, Inc.
6880 Smith Avenue
Newark, CA 94560
EPA# CAD980887418

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Alvarez — — — R Larsen

DRIVER ROUTE # DRIVER SIGNATURE GENERATOR'S SIGNATURE PRINT NAME

Evergreen Environmental Services

dedicated to the protection of the environment

To schedule a pickup, call
800-972-5284

7200 Central Ave., Newark, CA EPA# CAD982413262
10712 Vernon Ave., Ontario CA EPA# CAL000027724

Send payment to:
Evergreen
P.O. Box 49065
San Jose, CA 95161-9065

INVOICE

Bill of Lading / Invoice
621435

Date 9-22-97

JOB LOCATION

NAME	ADDRESS	CITY	STATE	ZIP	CO	PHONE NO.
Billings Chevrolet	600 Barber Ln	Milpitas	CA	95035		(408) 452-8200

BILLING INFORMATION

NAME	ADDRESS	CITY	STATE	ZIP	CO	PHONE NO.	PROFILE NO.
						( )	

CASH ☐ CHECK ☐ #

CUSTOMER CODE NO: BICH03

PO #: 69006

CUSTOMER EPA ID NO.: CALOOOOO5[illegible]

PRODUCT		WASTE CODE	MANIFEST NUMBER	QUANTITY	UNITS	PRICE	AMOUNT
Used oil, Non-RCRA Hazardous Waste, Liquid	Lubricating Industrial	CA 221 CA 221	96717779	265	Gal Gal	.16	65
Used Automotive Antifreeze, Non-RCRA Hazardous Waste, Liquid		CA 221			Gal		
RQ Waste Petroleum Oil NOS Combustible Liquid UN 1270 III (Oil contaminated with halogens)		CA 221			Gal		
Oil & Water, Non-RCRA Hazardous Waste, Liquid		CA 221			Gal		
Waste Solids and Sludges					Gal		
Wash-out					Each		
Drained Used Oil Filters					Drum		
Non-RCRA Hazardous Waste Solids (oily debris)		CA 221			Drum		
Empty Drums					Drum		
Transportation					Hrs.		
Other:							
Other:							
Other:							
Other:							
Other:							
Other:							
Other:							
Other:							

POSTED
SEP 29 1997

Acct 7D

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MAY 20 1998

TEST Flame PASS ☐ FAIL ☐ PPM Test

☐ Collection Station ☐ Agricultural Source
☐ Government Source ☐ Industrial Source
☐ Marine Source

NET 7 DAYS TOTAL CHARGES 65

Accounting Office 510-795-4400 **Please Pay From This Invoi**

TSDF: Evergreen Oil, Inc.
6880 Smith Avenue
Newark, CA 94560
EPA# CAD980887418

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Alvarez 09 [illegible] R Lerer

DRIVER ROUTE # DRIVER SIGNATURE GENERATOR'S SIGNATURE PRINT NAME

Evergreen Environmental Services

dedicated to the protection of the environment

To schedule a pickup, call
800-972-5284

7200 Central Ave., Newark, CA EPA# CAD982413262
10712 Vernon Ave., Ontario CA EPA# CAL000027724

Send payment to:
Evergreen
P.O. Box 45987
San Francisco, CA 94145

Bill of Lading / Invoice
618154

INVOICE
9612432

Date 9-4-97

JOB LOCATION

NAME: Billings Chevrolet
ADDRESS: 600 Border Ln.
CITY: Milpitas STATE: Ca. ZIP: 95035 CO:
PHONE NO.: 408 953-8200

BILLING INFORMATION

NAME: BILLED
ADDRESS:
CITY: STATE: ZIP: CO:
PHONE NO.: PROFILE NO.:

CASH ☐ CHECK ☐ #
CUSTOMER CODE NO.: BICH03
PO #: 67465
CUSTOMER EPA ID NO.: CA0000065918

PRODUCT	WASTE CODE	MANIFEST NUMBER	QUANTITY	UNITS	PRICE	AMOUNT
Used oil, Non-RCRA Hazardous Lubricating	CA 221	96717813	150	Gal	FW	65-
Waste, Liquid Industrial	CA 221			Gal		
Used Automotive Antifreeze, Non-RCRA Hazardous Waste, Liquid	CA 134			Gal		
RQ Waste Petroleum Oil NOS Combustible Liquid UN 1270 III (Oil contaminated with halogens)	CA 221 R001,R002			Gal		
Oil & Water, Non-RCRA Hazardous Waste, Liquid	CA221			Gal		
Waste Solids and Sludges				Gal		
Wash-out				Each		
Drained Used Oil Filters				Drum		
Non-RCRA Hazardous Waste Solids (oily debris)	CA 223			Drum		
Empty Drums				Drum		
Transportation				Hrs.		
Other:						
Other:						
Other:						
Other						
Other:						
Other:						
Other:						
Other:						

7D

RECEIVED
MAY 20 1998

TEST Flame RAGS ☐ TAIL ☐ PPM Test

☐ Collection Station ☐ Agricultural Source
☐ Government Source ☐ Industrial Source
☐ Marine Source

NET 7 DAYS TOTAL CHARGES 65-

Accounting Office 510-795-4400 **Please Pay From This Invoice**

TSDF: Evergreen Oil, Inc.
6880 Smith Avenue
Newark, CA 94560
EPA# CAD980887418

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DRIVER Alvarez ROUTE # 09 DRIVER SIGNATURE GENERATOR'S SIGNATURE PRINT NAME

Evergreen Environmental Services

dedicated to the protection of the environment

To schedule a pickup, call
800-972-5284

7200 Central Ave., Newark, CA EPA# CAD982413262
10712 Vernon Ave., Ontario CA EPA# CAL000027724

Send payment to:
Evergreen
P.O. Box 45987
San Francisco, CA 94145

Bill of Lading / Invoice
616734

INVOICE
9670906[illegible]

Date 8-18-97

JOB LOCATION

NAME: Billings Chevrolet
ADDRESS: 600 Barber LN
CITY: Milpitas STATE: CA ZIP: 95035 CO:
PHONE NO.: 408 453-8200

BILLING INFORMATION

NAME:
ADDRESS:
CITY: STATE: ZIP: CO:
PHONE NO.: ( )
PROFILE NO.:

CASH ☐ CHECK ☐ #
CUSTOMER CODE NO.: BKH03
PO #: 06733
CUSTOMER EPA ID NO.: CAlexxx5918

PRODUCT	WASTE CODE	MANIFEST NUMBER	QUANTITY	UNITS	PRICE	AMOUNT
Used oil, Non-RCRA Hazardous Lubricating	CA 221	9671847	495	Gal	.25	106 25
Waste, Liquid Industrial	CA 221			Gal		
Used Automotive Antifreeze, Non-RCRA Hazardous Waste, Liquid	CA 134	95355911	60	Gal	1.40	84
RQ Waste Petroleum Oil NOS Combustible Liquid UN 1270 III (Oil contaminated with halogens)	CA 221 RQ1.TO2			Gal		
Oil & Water, Non-RCRA Hazardous Waste, Liquid	CA221			Gal		
Waste Solids and Sludges				Gal		
Wash-out				Each		
Drained Used Oil Filters				Drum		
Non-RCRA Hazardous Waste Solids (oily debris)	CA 223			Drum		
Empty Drums				Drum		
Transportation				Hrs.		
Other						
Other						
Other						
Other						
Other						
Other						
Other						
Other						

TEST: Flame PASS ☐ FAIL ☐ PPM: Test:

RECEIVED
MAY 20 1998

AUG 20 1997
POSTED

☐ Collection Station ☐ Agricultural Source
☐ Government Source ☐ Industrial Source
☐ Marine Source

NET 7 DAYS TOTAL CHARGES 190 25

Accounting Office 510-795-4400 **Please Pay From This Invoice**

TSDF: Evergreen Oil, Inc.
6880 Smith Avenue
Newark, CA 94560
EPA# CAD980887418

I hereby certify that all information submitted in this and all attached documents contains true and accurate descriptions of the waste. All relevant information regarding known or suspected hazards associated with the waste has been disclosed. This further serves as notification that the above liquid wastes are banned from land disposal pursuant to Title 22 Section 66268.7(a)(10). I also acknowledge that I have read and agree to the terms on the reverse side of this form.

M Hernandez 09 | R Corona | Richard Corona

DRIVER | ROUTE # | DRIVER SIGNATURE | GENERATOR'S SIGNATURE | PRINT NAME

Evergreen Environmental Services

dedicated to the protection of the environment

To schedule a pickup, call
800-972-5284

7200 Central Ave., Newark, CA EPA# CAD982413262
10712 Vernon Ave., Ontario CA EPA# CAL000027724

Send payment to:
Evergreen
P.O. Box 45987
San Francisco, CA 94145

Bill of Lading / Invoice
612546

INVOICE
9613587

Date 5-16-97

JOB LOCATION

NAME	ADDRESS	CITY	STATE	ZIP	CO
Billings Chevrolet	600 Barber Ln.	Milpitas	CA.	95035	

PHONE NO. (408) 943-8200

BILLING INFORMATION

NAME	ADDRESS	CITY	STATE	ZIP	CO

PHONE NO. ( ) PROFILE NO.

CASH ☐ CHECK ☐ #

CUSTOMER CODE NO. BICH03

PO # 68057

CUSTOMER EPA ID NO. CAXXXXXX518

POSTED JUN 2 1998

PRODUCT	WASTE CODE	MANIFEST NUMBER	QUANTITY	UNITS	PRICE	AMOUNT
Used oil, Non-RCRA Hazardous Lubricating	CA 221	96613245	350	Gal	.25	87.50
Waste, Liquid Industrial	CA 221			Gal		
Used Automotive Antifreeze, Non-RCRA Hazardous Waste, Liquid	CA 134	95335693	170	Gal	1.40	238.-
RQ Waste Petroleum Oil NOS Combustible Liquid UN 1270 III (Oil contaminated with halogens)	CA 221 RDI 1002			Gal		
Oil & Water, Non-RCRA Hazardous Waste, Liquid	CA221			Gal		
Waste Solids and Sludges				Gal		
Wash-out				Each		
Drained Used Oil Filters				Drum		
Non-RCRA Hazardous Waste Solids (oily debris)	CA 223			Drum		
Empty Drums				Drum		
Transportation				Hrs		
Other:						
Other:						
Other:						
Other:						
Other:						
Other:						
Other:						
TEST Flame	PASS ☑	FAIL ☐	PPM		Test	

RECEIVED
MAY 20 1998

☐ Collection Station ☐ Agricultural Source
☐ Government Source ☐ Industrial Source
☐ Marine Source

NET 7 DAYS **TOTAL CHARGES** 325.50

Accounting Office 510-795-4400 **Please Pay From This Invoice**

TSDF: Evergreen Oil, Inc.
6880 Smith Avenue
Newark, CA 94560
EPA# CAD980887418

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M. MARQUEZ 09 | | | |
DRIVER | ROUTE # | DRIVER SIGNATURE | GENERATOR'S SIGNATURE | PRINT NAME

Evergreen Environmental Services

dedicated to the protection of the environment

To schedule a pickup, call
800-972-5284

7200 Central Ave., Newark, CA EPA# CAD982413262
10712 Vernon Ave., Ontario CA EPA# CAL000027724

Send payment to:
Evergreen
P.O. Box 45987
San Francisco, CA 94145

Bill of Lading / Invoice
608784

INVOICE

Date 6-25-97

JOB LOCATION	BILLING INFORMATION	
NAME: Billings Chevrolet	NAME:	CASH ☐ CHECK ☐ #
ADDRESS: 600 Barber Ln.	ADDRESS:	CUSTOMER CODE NO.: Bich03
CITY: Milpitas STATE: CA ZIP: 95035 CO:	CITY: STATE: ZIP: CO:	PO #: 66669
PHONE NO.: 408 453-8200	PHONE NO.: ( ) PROFILE NO.:	CUSTOMER EPA ID NO.: CALxxxxx59[illegible]

PRODUCT	WASTE CODE	MANIFEST NUMBER	QUANTITY	UNITS	PRICE	AMOUNT
Used oil, Non-RCRA Hazardous Waste, Liquid — Lubricating	CA 221	9661465-8	300	Gal	.25	75-
Used oil, Non-RCRA Hazardous Waste, Liquid — Industrial	CA 221			Gal		
Used Automotive Antifreeze, Non-RCRA Hazardous Waste, Liquid	CA 134			Gal		
RQ Waste Petroleum Oil NOS Combustible Liquid UN 1270 III (Oil contaminated with halogens)	CA 221 HDLH02			Gal		
Oil & Water, Non-RCRA Hazardous Waste, Liquid	CA221			Gal		
Waste Solids and Sludges				Gal		
Wash-out				Each		
Drained Used Oil Filters				Drum		
Non-RCRA Hazardous Waste Solids (oily debris)	CA 223			Drum		
Empty Drums				Drum		
Transportation				Hrs.		
Other:						
Other:						
Other:						
Other:						
Other:						
Other:						
Other:						
Other:						

RECEIVED
MAY 20 1998

POSTED JUL 01 1997

TEST Flame PASS ☐ FAIL ☐ Test

☐ Collection Station ☐ Agricultural Source
☐ Government Source ☐ Industrial Source
☐ Marine Source

NET 7 DAYS TOTAL CHARGES 75-

Accounting Office 510-795-4400 **Please Pay From This Invoic**

TSDF: Evergreen Oil, Inc.
6880 Smith Avenue
Newark, CA 94560
EPA# CAD980887418

I hereby certify that all information submitted in this and all attached documer contains true and accurate descriptions of the waste. All relevant informati regarding known or suspected hazards associated with the waste has been disclos This further serves as notification that the above liquid wastes are banned from la disposal pursuant to Title 22 Section 66268.7 (a)(10). I also acknowledge that I ha read and agree to the terms on the reverse side of this form.

M Chavez 09 — DRIVER — ROUTE # — DRIVER SIGNATURE

GENERATOR'S SIGNATURE

J. GARCIA — PRINT NAME

Evergreen Environmental Services

dedicated to the protection of the environment

To schedule a pickup, call
800-972-5284

7200 Central Ave., Newark, CA EPA# CAD982413262
10712 Vernon Ave., Ontario CA EPA# CAL000027724

Send payment to:
Evergreen
P.O. Box 45987
San Francisco, CA 94145

Bill of Lading / Invoice

INVOICE 604020

Date 5-29-97

JOB LOCATION	BILLING INFORMATION	
NAME: Billings Chevrolet	NAME:	CASH ☐ CHECK ☐ #
ADDRESS: 600 Barber Ln	ADDRESS:	CUSTOMER CODE NO.: Bich03
CITY: Milpitas STATE: CA ZIP: CO:	CITY: STATE: ZIP: CO:	PO #:
PHONE NO.: 408	PHONE NO.: ( ) PROFILE NO.:	CUSTOMER EPA ID NO.: CAL000005915

PRODUCT	WASTE CODE	MANIFEST NUMBER	QUANTITY	UNITS	PRICE	AMOUNT
Used oil, Non-RCRA Hazardous Lubricating	CA 221	96614111	200	Gal	F/P	65=
Waste, Liquid Industrial	CA 221			Gal		
Used Automotive Antifreeze, Non-RCRA Hazardous Waste, Liquid	CA 134			Gal		
RQ Waste Petroleum Oil NOS Combustible Liquid UN 1270 III (Oil contaminated with halogens)	CA 221 RD14002			Gal		
Oil & Water, Non-RCRA Hazardous Waste, Liquid	CA221			Gal		
Waste Solids and Sludges				Gal		
Wash-out				Each		
Drained Used Oil Filters				Drum		
Non-RCRA Hazardous Waste Solids (oily debris)	CA 223			Drum		
Empty Drums				Drum		
Transportation				Hrs.		
Other:						
Other:						
Other:						
Other:						
Other:						
Other:						
Other:						
TEST Flame PASS ☒ FAIL ☐		PPM		Test		

RECEIVED
MAY 20 1998

POSTED
JUN 02 1997

☐ Collection Station ☐ Agricultural Source
☐ Government Source ☐ Industrial Source
☐ Marine Source

NET 7 DAYS TOTAL CHARGES 65-

Accounting Office 510-795-4400 **Please Pay From This Invo..**

TSDF: Evergreen Oil, Inc.
6880 Smith Avenue
Newark, CA 94560
EPA# CAD980887418

I hereby certify that all information submitted in this and all attached docum contains true and accurate descriptions of the waste. All relevant informa regarding known or suspected hazards associated with the waste has been disclo This further serves as notification that the above liquid wastes are banned from la disposal pursuant to Title 22 Section 66268.7 (a)(10). I also acknowledge that I ha read and agree to the terms on the reverse side of this form.

Al Vasquez [illegible] R Lopez

DRIVER ROUTE # DRIVER SIGNATURE GENERATOR'S SIGNATURE PRINT NAME

Evergreen Environmental Services

dedicated to the protection of the environment

Bill of Lading / Invoice

To schedule a pickup, call
800-972-5284

7200 Central Ave., Newark, CA EPA# CAD982413262
10712 Vernon Ave., Ontario CA EPA# CAL000027724

Send payment to:
Evergreen
P.O. Box 45987
San Francisco, CA 94145

INVOICE 597037

Date 5-12-97

JOB LOCATION

NAME: Bellows Chevrolet
ADDRESS: 600 Barber Ln
CITY: Milpitas STATE: Ca. ZIP: 95035 CO:
PHONE NO.: 408 453-8200

BILLING INFORMATION

NAME:
ADDRESS:
CITY: STATE: ZIP: CO:
PHONE NO.: ( ) PROFILE NO.:

CASH ☐ CHECK ☐ #
CUSTOMER CODE NO.: (
PO #: 66120
CUSTOMER EPA ID NO.: CALOOOOO5918

PRODUCT		WASTE CODE	MANIFEST NUMBER	QUANTITY	UNITS	PRICE	AMOUNT
Used oil, Non RCRA Hazardous	Lubricating	CA 221	96611780	400	Gal	.25	100-
Waste, Liquid	Industrial	CA 221			Gal		
Used Automotive Antifreeze, Non-RCRA Hazardous Waste, Liquid		CA 134	96382153	100	Gal	1.40	140-
RQ Waste Petroleum Oil NOS Combustible Liquid UN 1270 III (Oil contaminated with halogens)		CA 221 RDI R02			Gal		
Oil & Water, Non-RCRA Hazardous Waste, Liquid		CA221			Gal		
Waste Solids and Sludges					Gal		
Wash-out					Each		
Drained Used Oil Filters					Drum		
Non RCRA Hazardous Waste Solids (oily debris)		CA 223			Drum		
Empty Drums					Drum		
Transportation							
Other:							
Other:							
Other:							
Other:							
Other:							
Other:							
Other:							
TEST: Flame	PASS ☒	FAIL ☐	PPM:	Test:			

Net 7D

POSTED MAY 2 3 1997

RECEIVED MAY 30 1998

POSTED MAY 28 1997

POSTED MAY 28 1997

☐ Collection Station ☐ Agricultural Source
☐ Government Source ☐ Industrial Source
☐ Marine Source

NET 7 DAYS TOTAL CHARGES 240

Accounting Office 510-795-4400 **Please Pay From This Invoice**

TSDF: Evergreen Oil, Inc.
6880 Smith Avenue
Newark, CA 94560
EPA# CAD980887418

I hereby certify that all information submitted in this and all attached documents contains true and accurate descriptions of the waste. All relevant information regarding known or suspected hazards associated with the waste has been disclosed. This further serves as notification that the above liquid wastes are banned from land disposal pursuant to Title 22 Section 66268.7 (a)(10). I also acknowledge that I have read and agree to the terms on the reverse side of this form

Alvarez 09 [illegible] R Lee

RIVER ROUTE # DRIVER SIGNATURE GENERATOR'S SIGNATURE PRINT NAME

Evergreen Environmental Services

dedicated to the protection of the environment

Bill of Lading / Invoice

To schedule a pickup, call
800-972-5284

7200 Central Ave., Newark, CA EPA# CAD982413262
10712 Vernon Ave., Ontario CA EPA# CAL000027724

Send payment to:
Evergreen
P.O. Box 45987
San Francisco, CA 94145

INVOICE 592980

Date 4-23-97

JOB LOCATION	BILLING INFORMATION	
NAME: MARX CHEVROLET	NAME	CASH ☐ CHECK ☐ #
ADDRESS: 600 BARBER	ADDRESS	CUSTOMER CODE NO. MACH10
CITY MILPITAS STATE CA ZIP 95035 CO	CITY STATE ZIP CO	PO #
PHONE NO. (408 453-8200	PHONE NO ( ) / PROFILE NO.	CUSTOMER EPA ID NO. CA6000025915

PRODUCT		WASTE CODE	MANIFEST NUMBER	QUANTITY	UNITS	PRICE	AMOUNT
Used oil, Non-RCRA Hazardous	Lubricating	CA 221	96780529	350	Gal	.25	87.50
Waste, Liquid	Industrial	CA 221			Gal		
Used Automotive Antifreeze, Non-RCRA Hazardous Waste, Liquid		CA 134	96382194	65	Gal	1.40	91 -
RQ Waste Petroleum Oil NOS Combustible Liquid UN 1270 III (Oil contaminated with halogens)		CA 221 R01 R02			Gal		
Oil & Water, Non-RCRA Hazardous Waste, Liquid		CA221			Gal		
Waste Solids and Sludges					Gal		
Wash-out					Each		
Drained Used Oil Filters					Drum		
Non-RCRA Hazardous Waste Solids (oily debris)		CA 223			Drum		
Empty Drums					Drum		
Transportation					Hrs.		
Other:							
Other:							
Other:							
Other:							
Other:							
Other:							
Other:							
Other:							

TTD

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MAY 20 1998

POSTED
MAY 02 1997

TEST Flame PASS ☒ FAIL ☐ PPM Test

☐ Collection Station ☐ Agricultural Source
☐ Government Source ☐ Industrial Source
☐ Marine Source

NET 7 DAYS **TOTAL CHARGES** 178.50

Accounting Office 510-795-4400 **Please Pay From This Invoice**

TSDF: Evergreen Oil, Inc.
6880 Smith Avenue
Newark, CA 94560
EPA# CAD980887418

I hereby certify that all information submitted in this and all attached documents contains true and accurate descriptions of the waste. All relevant information regarding known or suspected hazards associated with the waste has been disclosed. This further serves as notification that the above liquid wastes are banned from land disposal pursuant to Title 22 Section 66268.7 (a)(10). I also acknowledge that I have read and agree to the terms on the reverse side of this form.

DRIVER	ROUTE #	DRIVER SIGNATURE	GENERATOR'S SIGNATURE	PRINT NAME
Al Uusquez	09	[signature]	[signature]	

Evergreen Environmental Services

dedicated to the protection of the environment

Bill of Lading / Invoice

To schedule a pickup, call
800-972-5284

7200 Central Ave., Newark, CA EPA# CAD982413262
10712 Vernon Ave., Ontario CA EPA# CAL000027724

Send payment to:
Evergreen
P.O. Box 45987
San Francisco, CA 94145

INVOICE 585838

Date 3-25-97

JOB LOCATION

NAME: MARX Chevrolet
ADDRESS: 600 Barber
CITY: Walnuts STATE: ZIP: CO:
PHONE NO: ( )

BILLING INFORMATION

NAME:
ADDRESS:
CITY: STATE: ZIP: CO:
PHONE NO: ( ) PROFILE NO:

CASH ☐ CHECK ☐ #
CUSTOMER CODE NO.
PO #
CUSTOMER EPA ID NO.

PRODUCT	WASTE CODE	MANIFEST NUMBER	QUANTITY	UNITS	PRICE	AMOUNT
Used oil, Non RCRA Hazardous Lubricating	CA 221	96530063	300	Gal	.25	75
Waste, Liquid Industrial	CA 221			Gal		
Used Automotive Antifreeze, Non-RCRA Hazardous Waste, Liquid	CA 134			Gal		
RQ Waste Petroleum Oil NOS Combustible Liquid UN 1270 III (Oil contaminated with halogens)	CA 221 HOI HO2			Gal		
Oil & Water, Non-RCRA Hazardous Waste, Liquid	CA221			Gal		
Waste Solids and Sludges				Gal		
Wash-out				Each		
Drained Used Oil Filters				Drum		
Non RCRA Hazardous Waste Solids (oily debris)	CA 223			Drum		
Empty Drums				Drum		
Transportation				Hrs.		
Other:						
Other:						
Other:						
Other:						
Other:						
Other:						
Other:						
Other:						

TEST Flame PASS ☒ FAIL ☐ PPM Test

RECEIVED
MAY 20 1998

☐ Collection Station ☐ Agricultural Source
☐ Government Source ☐ Industrial Source
☐ Marine Source

NET 7 DAYS TOTAL CHARGES 75

POSTMARKED
MAR 28 1997

Accounting Office 510-795-4400 **Please Pay From This Invoice**

TSDF: Evergreen Oil, Inc.
6880 Smith Avenue
Newark, CA 94560
EPA# CAD980887418

I hereby certify that the information submitted in this and all attached document contains true and accurate descriptions of the waste. All relevant information regarding known or suspected hazards associated with the waste has been disclosed. This further serves as notification that the above liquid wastes are banned from land disposal pursuant to Title 22 Section 66268.7 (a)(10). I also acknowledge that I have read and agree to the terms on the reverse side of this form.

M Marquez 09 M Magl
DRIVER ROUTE # DRIVER SIGNATURE

R Corona Richard Corona
GENERATOR'S SIGNATURE PRINT NAME

Evergreen Environmental Services

dedicated to the protection of the environment

[illegible] / Invoice

To schedule a pickup, call
800-972-5284

7200 Central Ave., Newark, CA EPA# CAD982413262
10712 Vernon Ave., Ontario CA EPA# CAL000027724

Send payment to:
Evergreen
P.O. Box 15987
San Francisco, CA 94115

INVOICE 580670

Date 2-20-97

JOB LOCATION	BILLING INFORMATION	
NAME: Billings Chevrolet	NAME:	CASH ☐ CHECK ☐ #
ADDRESS: 600 Barber LN.	ADDRESS:	CUSTOMER CODE NO.: BICH03
CITY: Milpitas STATE: CA ZIP: 95035 CO:	CITY: STATE: ZIP: CO:	PO#: 64460
PHONE NO.: (408) 953-8200	PHONE NO.: ( ) PROFILE NO.:	CUSTOMER EPA ID NO.: CAL000005971

PRODUCT		WASTE CODE	MANIFEST NUMBER	QUANTITY	UNITS	PRICE	AMOUNT
Used oil, Non-RCRA Hazardous	Lubricating	CA 221	96580250	475	Gal	.25	118.75
Waste, Liquid	Industrial	CA 221			Gal		
Used Automotive Antifreeze, Non-RCRA Hazardous Waste, Liquid		CA 134	96340337	340	Gal	1.40	476
RQ Waste Petroleum Oil NOS Combustible Liquid UN 1270 III (Oil contaminated with halogens)		CA 221 RD1 RD2			Gal		
Oil & Water, Non-RCRA Hazardous Waste, Liquid		CA221			Gal		
Waste Solids and Sludges					Gal		
Wash-out					Each		
Drained Used Oil Filters					Drum		
Non-RCRA Hazardous Waste Solids (oily debris)		CA 223			Drum		
Empty Drums					Drum		
Transportation					Hrs.		
Other:							
Other:							
Other:							
Other:							
Other:							
Other:							
Other:							
Other:							

Act 770

RECEIVED
MAY 20 1998

POSTED
FEB 26 1997

TEST Flame PASS ☑ FAIL ☐ PPM

☐ Collection Station ☐ Agricultural Source
☐ Government Source ☐ Industrial Source
☐ Marine Source

NET 7 DAYS **TOTAL CHARGES** [illegible]

Accounting Office 510-795-4400 **Please Pay From This Invoice**

TSDF: Evergreen Oil, Inc.
6880 Smith Avenue
Newark, CA 94560
EPA# CAD980887418

I hereby certify that all information submitted in this and all attached documents contains true and accurate descriptions of the waste. All relevant information regarding known or suspected hazards associated with the waste has been disclosed. This further serves as notification that the above liquid wastes are banned from land disposal pursuant to Title 22 Section 66268.7 (a)(10). I also acknowledge that I have read and agree to the terms on the reverse side of this form.

Al Mesquez 09 [signature]

DRIVER ROUTE # DRIVER SIGNATURE GENERATOR'S SIGNATURE PRINT NAME

UNIFORM HAZARDOUS WASTE MANIFEST

Generator's US EPA ID No. CAO 000005918 | Manifest Document No. 28017 | 2. Page 1 of 1 | Information in the shaded areas is not required by Federal law.

3. Generator's Name and Mailing Address: BILLINGS CHEVROLET
600 BARBER LN
MILPITAS CA 95035
4. Generator's Phone: (408) 453-8200

A. Manifest Document Number: 96851295

5. Transporter 1 Company Name: SAFETY-KLEEN CORP.
6. US EPA ID Number: ILD 984908202

7. Transporter 2 Company Name:
8. US EPA ID Number:

9. Designated Facility Name and Site Address: SAFETY-KLEEN CORP. 000636
1000 SOUTH I STREET
REEDLEY, CA 93654
10. US EPA ID Number: CAD 093459485

11. US DOT Description (including Proper Shipping Name, Hazard Class, and ID Number)	12. Containers No.	12. Containers Type	13. Total Quantity	14. Unit Wt/Vol	I. Waste Number
a. HAZARDOUS WASTE, LIQUID, N.O.S. 9 NA3082 PG III (D039, D006, D040) (ERG#171) AQUEOUS BRAKE SOLUTION(8.68/GAL)	001	DF	00055	G	State: CA 214; EPA/Other: D039
b.					State: ; EPA/Other:
c.					State: ; EPA/Other:
d.					State: ; EPA/Other:

Post-it™ brand fax transmittal memo 7671 | # of pages ▸ 2

To	Richard	From	Barbara
Co.		Co.	Safety Klean
Dept.		Phone #	
Fax #		Fax #	

J. Additional Descriptions for Materials Listed Above

K. Handling Codes for Wastes Listed Above: a. T01 b.

15. Special Handling Instructions and Additional Information: 9741 94183578 128017 7-178-02-2371 05
EMERGENCY RESP#800-468-1760 24HR

A: 10086 B: C: D:

16. GENERATOR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by proper shipping name and are classified, packed, marked, and labeled, and are in all respects in proper condition for transport by highway according to applicable international and national governmental regulations.

If I am a large quantity generator, I certify that I have a program in place to reduce the volume and toxicity of waste generated to the degree I have determined to be economically practicable and that I have selected the practicable method of treatment, storage, or disposal currently available to me which minimizes the present and future threat to human health and the environment; OR, if I am a small quantity generator, I have made a good faith effort to minimize my waste generation and select the best waste management method that is available to me and that I can afford.

Printed/Typed Name	Signature	Month	Day	Year
[illegible]	[signature]	10	06	97

TRANSPORTER

17. Transporter 1 Acknowledgement of Receipt of Materials

Printed/Typed Name	Signature	Month	Day	Year
ESTHER	[signature]	10	06	97

18. Transporter 2 Acknowledgement of Receipt of Materials

Printed/Typed Name	Signature	Month	Day	Year

FACILITY

19. Discrepancy Indication Space

20. Facility Owner or Operator Certification of receipt of hazardous materials covered by this manifest except as noted in Item 19.

Printed/Typed Name	Signature	Month	Day	Year
Virginia Trevino	[signature]	10	14	97

DO NOT WRITE BELOW THIS LINE.

TSC 8022A (4/97)
EPA 8700—22

White: TSDF RETAINS

GENERATOR

IN CASE OF EMERGENCY INVOLVING THIS SHIPMENT CONTACT CHEMTREC 1-800-424-9300; WITHIN CALIFORNIA, CALL 1-800-852-7550

Phone	Contact	Date			Number
408-294-8778	SCOTT GIVENS	12/06/97	97-41	05	128017

BILLINGS CHEVROLET
HARBER LN
GILROY? CA 95035

CREDIT CODE	PREVIOUS BALANCE	BAL. OVER 60 DAYS
9	522.99	

BUSINESS TYPE	CHAIN	OUTER COUNTY	SVC. P/C	PROD. P/C
02	0914	NO	364	001

LOCATION	TAX EXEMPTION NO.
717832	

SALES REP NO.	CUSTOMER ... NUMBER	CUSTOMER PHONE	TAX CODE	HANDLING CODE	ASSOC. CODE	SERVICE TAX	C.O.M.S. TAX	PRODUCT TAX
1500		...1200	05-215-5319			.0825		.0825

SERVICE/PRODUCT	SERIAL NUMBER	CHARGE	SALES TAX	TOTAL CHARGE	WASTE MIN.	CLEAN	SPENT	# OF CONT.	SK DOT	CC	SERVICE TERM	CHANGE SERVICE TERM (WEEKS/INITIAL)	CHANGE SCH DATE	INV. CODE	PROMO NO.	RELEASE NO.	MSDS GIVEN
	0000ALN	81.75	1.74	83.49	0.00		4	1	10086		8						☐

WE CARE

TOTAL SERVICE/PRODUCTS 81.75 1.74

CHECK APPROPRIATE BOXES →

	GOOD	POOR		YES	NO		YES	NO
MACHINE CONDITION & CLEANLINESS	☑	☐	DECALS IN PLACE AND LEGIBLE	☐	☑	MACHINE PROPERLY GROUNDED	☐	☑
LAMP ASSEMBLY CONDITION	☐	☐	FUSIBLE LINK INSTALLED	☐	☑	LOCAL PHONE NO. STICKER AFFIXED TO MACHINE	☐	☐
			EMERGENCY CLOSING OF LID UNOBSTRUCTED	☐	☑	SPENT SOLVENT MEETS ACCEPTANCE CRITERIA	☑	☐

DESCRIPTION (INCLUDING ...)
...OUS WASTE, LIQUID ...
...(DBL, D040)(ER...) ...(GAL)

12. CONTAINERS NO.	TYPE	13. TOTAL QUANTITY	14. UNIT WT/VOL	SK DOT NUMBER	5668055
1	DF	4	G	10086	1

I CERTIFY THAT MY TOTAL WASTE STREAMS ARE WITHIN ONE OF THE FOLLOWING CATEGORIES:
0 TO 220 LBS./MONTH ______ INITIALS
220 LBS. TO 2,200 LBS./MONTH JG INITIALS
GREATER THAN 2,200 LBS./MONTH ______ INITIALS

DESIGNATED FACILITY NAME AND ADDRESS SAFETY-KLEEN CORP.
... SOUTH I STREET ... REEDLEY, CA 93654

USA EPA ID NO. CAD093459485
STATE ID NO. CAD093459485

CHECK NUMBER | TOTAL RECEIVED | APPLY PAYMENT TO: TODAY'S SERVICE/SALES / PREVIOUS INVOICE(S) | INVOICE | AMOUNT

I AGREE TO PAY THE ABOVE CHARGES AND TO BE BOUND BY THE TERMS AND CONDITIONS SET FORTH ABOVE AND ON THE REVERSE SIDE OF THIS DOCUMENT. PLEASE CHARGE MY ACCOUNT FOR THIS TRANSACTION UNLESS OTHERWISE INDICATED IN THE PAYMENT RECEIVED SECTION. THE INDIVIDUAL SIGNING THIS DOCUMENT IS DULY AUTHORIZED TO SIGN AND BIND CUSTOMER TO ITS TERMS.

This is to certify that the above-named materials are properly classified, packaged, marked and labeled, and are in proper condition for transportation according to the applicable regulations of the Department of Transportation.

J. GARCIA
Print Customer Name
Signature of Authorized Representative

TOTAL CHARGE (FROM ABOVE)	
WASTE MIN. (FROM ABOVE)	
TOTAL DUE	

DO NOT WRITE IN THE AREA BELOW
128017

7-178-02-2371-5

SERVICE AND SALES ACKNOWLEDGMENT
PART 1367 (Rev. 8/97)

LAND DISPOSAL RESTRICTION AND WASTE ANALYSIS CRITERIA FORM

Safety-Kleen

UHC NOTICE: GENERATORS NOT REQUIRED TO LIST UNDERLYING CONSTITUENTS BECAUSE TREATER WILL MONITOR FOR ALL REGULATED CONSTITUENTS PRIOR TO DISPOSAL.

TO: SAFETY-KLEEN CORP. (DESIGNATED FACILITY) EPA ID NO. CAD093459485

7-178-02-2371 05 (DESIGNATED FACILITY) 128617 1997-41

ADDRESS: 1000 SOUTH I STREET REEDLEY, CA 93654

Order manifest/sales service number 960851895 the generator noted below is shipping to you a waste determined to be restricted under 40 CFR Part 268. In accordance with 40 CFR Part 268.7, the generator hereby provides notice that the waste is restricted from land disposal. A copy of this form must be kept by the generator and facility for five (5) years from the date of waste shipment.

PLEASE THE APPROPRIATE BOXES

WASTE NAME (FOR NON-WASTE WATER)	WASTE CODE	THE WASTE MAY CONTAIN THE FOLLOWING RESTRICTED CONSTITUENTS	TREATMENT STANDARD OR METHOD
☐ Waste Petroleum Naphtha 105	D001	Ignitable Liquid (High TOC Subcategory)	Combustion (CMBST)
		Halogenated Organic Compounds (HOC's)≥1000 mg/l	or recovery (RORGS)(40 CFR 268.42)(non-waste water)
	D006	Cadmium	1.0 (non-waste water) MG/L
	D008	Lead	5.0 (non-waste water) MG/L
	D018	Benzene	10 (non-waste water) MG/KG
	D027	1, 4-Dichlorobenzene	6.0 (non-waste water) MG/KG
	D039	Tetrachloroethylene	6.0 (non-waste water) MG/KG
	D040	Trichloroethylene	6.0 (non-waste water) MG/KG
☐ Waste Petroleum Naphtha 140	D001	Ignitable Liquid (High TOC Subcategory)	CMBST, or RORGS (40 CFR 268.42)(non-waste water)
	D006	Cadmium	1.0 (non-waste water) MG/L
	D008	Lead	5.0 (non-waste water) MG/L
	D018	Benzene	10 (non-waste water) MG/KG
	D039	Tetrachloroethylene	6.0 (non-waste water) MG/KG
☐ Actrel Solvent (If customer specific TCLP is not available)	D006	Cadmium	1.0 (non-waste water) MG/L
	D008	Lead	5.0 (non-waste water) MG/L
	D018	Benzene	10 (non-waste water) MG/KG
	D039	Tetrachloroethylene	6.0 (non-waste water) MG/KG
	D040	Trichloroethylene	6.0 (non-waste water) MG/KG
☐ Aqueous Parts Washer	D006	Cadmium	1.0 (non-waste water) MG/L
	D039	Tetrachloroethylene	6.0 (non-waste water) MG/KG
☐ Waste Petroleum Naphtha 150	D008	Lead	5.0 (non-waste water) MG/L
	D018	Benzene	10 (non-waste water) MG/KG
	D039	Tetrachloroethylene	6.0 (non-waste water) MG/KG
	D040	Trichloroethylene	6.0 (non-waste water) MG/KG
☒ Aqueous Brake Cleaner	D006	Cadmium	1.0 (non-waste water) MG/L
	D039	Tetrachloroethylene	6.0 (non-waste water) MG/KG
	D040	Trichloroethylene	6.0 (non-waste water) MG/KG
☐ Waste Petroleum Naphtha (sludges from Safety-Kleen Service Center Operations)	D001	Ignitable Liquid (High TOC Subcategory)	CMBST, or RORGS (40 CFR 268.42)(non-waste water)
	D006	Cadmium	1.0 (non-waste water) MG/L
	D008	Lead	5.0 (non-waste water) MG/L
	D039	Tetrachloroethylene	6.0 (non-waste water) MG/KG
☐ Photo Imaging	D011	Silver	5.0 (non-waste water) MG/L
☐ Waste Compound Cleaning Liquid/ Immersion cleaner 699	D006	Cadmium	1.0 (non-waste water) MG/L
	D008	Lead	5.0 (non-waste water) MG/L
	D018	Benzene	10 (non-waste water) MG/KG
	D027	1, 4-Dichlorobenzene	6.0 (non-waste water) MG/KG
	D039	Tetrachloroethylene	6.0 (non-waste water) MG/KG
	D040	Trichloroethylene	6.0 (non-waste water) MG/KG
☐ Waste Gasoline Filters	D001	Ignitable Liquid (High TOC Subcategory)	CMBST, or RORGS (40 CFR 268.42)(non-waste water)
	D018	Benzene	10 (non-waste water) MG/KG

OPTIONAL STATE INFO

MACHINE NUMBER	SPECIFIC GRAVITY	EXCESS FLUID IN DRUM? (MS>2/3)(C>1/3)(Y/N)	OFF-COLOR? (Y/N)	MORE THAN 30% SOLIDS? (Y/N)	UNUSUAL ODOR? (Y/N)	UNUSUAL MATERIALS INCLUDED/ADDED? (Y/N)
26700						

SPECIFIC GRAVITY ACCEPTANCE GUIDELINES

SALES REPRESENTATIVE SIGNATURE (FOR OPTIONAL STATE INFORMATION) ** NO SIGNATURE REQUIRED **

The constituent composition is based on knowledge of the waste (via Material Safety Data Sheets for the chemical(s) used, and the process which created the waste).

***These treatment standards do not preclude reclamation prior to final disposition.**

Generator Company BILLINGS CHEVROLET EPA ID NO.: CA0000005918

Safety-Kleen Corp. manages the above waste through its recycling and fuels programs in accordance with all applicable elements of the land disposal restriction.

Elgin, Illinois 60123-7857

CUSTOMER NO.

7	-	1	7	6	-	0	E	-	E	3	7	1

GENERATOR

BILLINGS CHEVROLET
800 BARBER LN
MILPITAS CA 95035

BILL TO

FOR SERVICE CALL	BRANCH MANAGER	DOC. EXP.	SERVICE WEEK	TERRITORY	NUMBER
408-254-[illegible]	SCOTT GIVENS	[illegible]	[illegible]	[illegible]	[illegible]

CREDIT CODE	PREVIOUS BALANCE	BAL. OVER 60 DAYS
[illegible]	[illegible]	

BUSINESS TYPE	CHAIN	OUTER COUNTY	SVC. P/C	PROD. P/C
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]

LOCATION	TAX EXEMPTION NO.
[illegible]	

SERVICE DATE	SALES REP NO.	CUSTOMER P.O. NUMBER	CUSTOMER PHONE #	TAX CODE	HANDLING CODE		ASSOC CODE	SERVICE TAX	C.O.M.S. TAX	PRODUCT TAX
10-8-97	1522	068325	408-[illegible]	08-[illegible]				[illegible]		[illegible]

DEPT	SERVICE/ PRODUCT	SERIAL NUMBER / REMARKS	QUAN.	CHARGE	SALES TAX	TOTAL CHARGE	WASTE MIN.	SOLVENT/DRUMS CLEAN	SPENT	# OF CONT	SK DOT	CC	SERVICE TERM	CHANGE SERVICE TERM (WEEKS)	(INITIAL)	CHANGE SCH. DATE (YY WW)	INV. CODE	PROMO NO.	RELEASE NO.	MSDS GIVEN
00	E6700	00004864	1	81.75	6.74	88.49	0.00		4	1	1[illegible]		2							☐
																				☐
																				☐
																				☐
																				☐
																				☐
																				☐
																				☐
																				☐
																				☐
TOTAL-SERVICE/PRODUCTS				81.75	6.74	88.49	0.00													

CHECK APPROPRIATE BOXES →

	GOOD	POOR
MACHINE CONDITION & CLEANLINESS	☑	☐
LAMP ASSEMBLY CONDITION	☐	☐

	YES	NO
DECALS IN PLACE AND LEGIBLE	☐	☑
FUSIBLE LINK INSTALLED	☐	☑
EMERGENCY CLOSING OF LID UNOBSTRUCTED	☐	☑
MACHINE PROPERLY GROUNDED	☐	☐
LOCAL PHONE NO. STICKER AFFIXED TO MACHINE	☐	☐
SPENT SOLVENT MEETS ACCEPTANCE CRITERIA	☐	☐

MANIFEST NO.	USEPA TRANSPORTER ID NO.	GENERATOR USEPA ID NO.	GENERATOR STATE ID NO.
96851295	ILD[illegible]	CAD[illegible]	

11. US DOT DESCRIPTION (INCLUDING PROPER SHIPPING NAME, HAZARD CLASS, AND ID.)	12. CONTAINERS NO	TYPE	13. TOTAL QUANTITY	14. UNIT WT/VOL	SK DOT NUMBER
HAZARDOUS WASTE, LIQUID, N.O.S. * NA8868 PG III (D039, D035, D040) (BROMITE) ACIDIC BRAKE SOLUTION (A.E.A./AL)	1	DF	4		

I CERTIFY THAT MY TOTAL WASTE STREAMS ARE WITHIN ONE OF THE FOLLOWING CATEGORIES

- 0 TO 220 LBS./MONTH — INITIALS
- 220 LBS. TO 2,200 LBS./MONTH — INITIALS
- GREATER THAN 2,200 LBS./MONTH — INITIALS

DESIGNATED FACILITY NAME AND ADDRESS: SAFETY-KLEEN CORP. 1000 SOUTH I STREET RESOLEY, CA 9[illegible]

USA EPA ID NO. CAL[illegible]

STATE ID NO. CAL[illegible]

POSTED
OCT 1997

SERVICE AND SALES (NOWLEDGMENT
PART 1367 (Rev. 8/97)

PAYMENT RECEIVED SECTION

CASH ☐	TOTAL RECEIVED	APPLY PAYMENT TO:
CHECK NUMBER		☐ TODAY'S SERVICE/SALE ☐ PREVIOUS BALANCE AS FOLLOWS

INVOICE #	AMOUNT $	INVOICE #	AMOUNT $

PREVIOUS CREDIT CARD NO →

CREDIT CARD NO. | AMEX VISA MC | EXP. DATE

CUSTOMER REFERENCE

LDR MESSAGE

LDR RECD

MANIFEST CODE	SEQ #
CA	[illegible]

IN THE EVENT OF AN EMERGENCY CALL 1-[illegible]-1760 [illegible]urs)

I AGREE TO PAY THE ABOVE CHARGES AND TO BE BOUND BY THE TERMS AND CONDITIONS SET FORTH ABOVE AND ON THE REVERSE SIDE OF THIS DOCUMENT. PLEASE CHARGE MY ACCOUNT FOR THIS TRANSACTION UNLESS OTHERWISE INDICATED IN THE PAYMENT RECEIVED SECTION. THE INDIVIDUAL SIGNING THIS DOCUMENT IS DULY AUTHORIZED TO SIGN AND BIND CUSTOMER TO ITS TERMS.

"This is to certify that the above-named materials are properly classified, packaged, marked and labeled, and are in proper condition for transportation according to the applicable regulations of the Department of Transportation."

J GARCIA
Print Customer Name

By: [signature]
Customer's Authorized Representative

TOTAL CHARGE (FROM ABOVE)	88.49
WASTE MIN. (FROM ABOVE)	
TOTAL DUE	

DO NOT WRITE IN THE AREA BELOW

[illegible]

7-178-02-2371-1

State of California—Environmental Protection Agency
Form Approved OMB No. 2050-0039 (Expires 9-30-99)
Please print or type. Form designed for use on elite (12-pitch) typewriter.

7-178-02 See Instructions on back of page 6.

Department of Toxic Substances Control
Sacramento, California

UNIFORM HAZARDOUS WASTE MANIFEST

1. Generator's US EPA ID No.	Manifest Document No.	2. Page 1 of 1	Information in the shaded areas is not required by Federal law.
CAO 000005918	28017		

GENERATOR

3. Generator's Name and Mailing Address
BILLINGS CHEVROLET
600 BARBER LN
MILPITAS CA 95035

4. Generator's Phone (408) 453-8200

5. Transporter 1 Company Name: SAFETY-KLEEN CORP.
6. US EPA ID Number: ILD 984908202

7. Transporter 2 Company Name
8. US EPA ID Number

9. Designated Facility Name and Site Address: SAFETY-KLEEN CORP. 000636
1000 SOUTH I STREET
REEDLEY, CA 93654
10. US EPA ID Number: CAD 093459485

11. US DOT Description (including Proper Shipping Name, Hazard Class, and ID Number)	12. Containers No.	12. Containers Type	13. Total Quantity	14. Unit Wt/Vol
a. HAZARDOUS WASTE, LIQUID, N.O.S. 9 NA3082 PG III (D039, D006, D040)(ERG#171) AQUEOUS BRAKE SOLUTION(8.6#/GAL)	001	DF	000004	G
b.				
c.				
d.				

RECEIVED
MAY 20 1998

15. Special Handling Instructions and Additional Information
9741 94183578 128017 7-178-02-2371 05
EMERGENCY RESP#800-468-1760 24HR

A: 10086 B: C: D:

SKCORP AUTHORIZED TO RETAIN LICENSED SUBSEQUENT CARRIER, AS NECESSARY.

16. GENERATOR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by proper shipping name and are classified, packed, marked, and labeled, and are in all respects in proper condition for transport by highway according to applicable international and national government regulations.

If I am a large quantity generator, I certify that I have a program in place to reduce the volume and toxicity of waste generated to the degree I have determined to be economically practicable and that I have selected the practicable method of treatment, storage, or disposal currently available to me which minimizes the present and future threat to human health and the environment; OR, if I am a small quantity generator, I have made a good faith effort to minimize my waste generation and select the best waste management method that is available to me and that I can afford.

Printed/Typed Name	Signature	Month	Day	Year
J GARCIA		10	08	97

TRANSPORTER

17. Transporter 1 Acknowledgement of Receipt of Materials

Printed/Typed Name	Signature	Month	Day	Year
R SPINA		10	8	97

18. Transporter 2 Acknowledgement of Receipt of Materials

Printed/Typed Name	Signature	Month	Day	Year
	RECEIVED			

MAY 20 1998

FACILITY

19. Discrepancy Indication Space

20. Facility Owner or Operator Certification of receipt of hazardous materials covered by this manifest except as noted in Item 19.

Printed/Typed Name	Signature	Month	Day	Year

DO NOT WRITE BELOW THIS LINE.

DTSC 8022A (4/97)
EPA 8700—22

Yellow: GENERATOR RETAINS

State of California—Environmental Protection Agency
Form Approved OMB No. 2050-0039 (Expires 9-30-98)
Please print or type. Form designed for use on elite (12-pitch) typewriter.

?-178-02 See Instructions on back of page 6.

Departure Secretary

UNIFORM HAZARDOUS WASTE MANIFEST

1. Generator's US EPA ID No. CAD 000065919 | Manifest Document No. 77806 | 2. Page 1 of 2 | Information in the shaded areas is not required by Federal law.

3. Generator's Name and Mailing Address: BILLINGS CHEVROLET
600 BARBER LN
MILPITAS CA 95035
4. Generator's Phone (408) 453-8200

A. State Manifest Document Number: 95[redacted]63

5. Transporter 1 Company Name: SAFETY-KLEEN CORP.
6. US EPA ID Number: ILD 984908202

7. Transporter 2 Company Name: SAFETY KLEEN
8. US EPA ID Number: ILD984908202

9. Designated Facility Name and Site Address: SAFETY-KLEEN CORP. 1000 SOUTH I STREET REEDLEY, CA 93654
10. US EPA ID Number: CAD 092459485

11. US DOT Description (Including Proper Shipping Name, Hazard Class, and ID Number)	12. Containers No.	12. Containers Type	13. Total Quantity	14. Unit Wt/Vol	Waste No.
a. HAZARDOUS WASTE, LIQUID, N.O.S. 9 NA3082 PG III (D039, D006) (ERG#31) AQUEOUS BRAKE SOLUTION(8.6#/GAL)	001	DF	00220	G	[redacted]
b.					
c.					
d.					

E. [redacted]
F. [redacted]

18. Special Handling Instructions and Additional Information: 9616 -1256925 07/806 ?-178-02-2371 05
EMERGENCY RESP#800-468-1760 24HR

SKDOT#: A: 935 B: C: D:
BOARD AUTHORIZED TO RETAIN LICENSED SUBSEQUENT CARRIER, AS NECESSARY.

16. GENERATOR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by proper shipping name and are classified, packed, marked, and labeled, and are in all respects in proper condition for transport by highway according to applicable international and national government regulations.

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Printed/Typed Name	Signature	Month	Day	Year
[redacted] Rich Carrera		02	06	96

17. Transporter 1 Acknowledgement of Receipt of Materials

Printed/Typed Name	Signature	Month	Day	Year
Matt Zimmerman		02	06	96

18. Transporter 2 Acknowledgement of Receipt of Materials

Printed/Typed Name	Signature	Month	Day	Year
PAICHOLL		02	07	96

19. Discrepancy Indication Space

20. Facility Owner or Operator Certification of receipt of hazardous materials covered by this manifest except as noted in Item 19.

Printed/Typed Name	Signature	Month	Day	Year
MARY PETERSON		02	14	96

DO NOT WRITE BELOW THIS LINE.

IN CASE OF EMERGENCY OR SPILL, CALL THE NATIONAL RESPONSE CENTER 1-800-424-8802. WITHIN CALIFORNIA, CALL 1-800-852-7550

DESIGNATED FACILITY

DTSC 8022A (1/98)
EPA 8700—22

White: TSDF RETAINS

State of California—Environmental Protection Agency
Form Approved OMB No. 2050-0039 (Expires 9-30-96)
Please print or type. Form designed for use on elite (12-pitch) typewriter.

7-178-02 See Instructions on back of page 6.

Department of Toxic Substances Control
Sacramento, California

UNIFORM HAZARDOUS WASTE MANIFEST

1. Generator's US EPA ID No.	Manifest Document No.	2. Page 1 of 1	Information in the shaded areas is not required by Federal law.
CAO 000005918	77806		

3. Generator's Name and Mailing Address
BILLINGS CHEVROLET
600 BARBER LN
MILPITAS CA 95035

4. Generator's Phone (408 453-8200

5. Transporter 1 Company Name	6. US EPA ID Number
SAFETY-KLEEN CORP.	ILD 984908202
7. Transporter 2 Company Name	8. US EPA ID Number

9. Designated Facility Name and Site Address
SAFETY-KLEEN CORP.
1000 SOUTH I STREET
REEDLEY. CA 93654

10. US EPA ID Number
000636 CAD 093459485

11. US DOT Description (including Proper Shipping Name, Hazard Class, and ID Number)	12. Containers No.	12. Containers Type	13. Total Quantity	14. Unit Wt/Vol
a. HAZARDOUS WASTE, LIQUID, N.O.S. 9 NA3082 PG III (D039, D006) (ERG#31) AQUEOUS BRAKE SOLUTION(B.6#/GAL)	001	DF	00004	D
b.				
c.				
d.				

RECEIVED
MAY 20 1998

15. Special Handling Instructions and Additional Information
9606 91256925 077806 7-178-02-2371 05
EMERGENCY RESP#800-468-1760 24HR

SKDOT# A: 995 B: C: D:
SKCORP AUTHORIZED TO RETAIN LICENSED SUBSEQUENT CARRIER, AS NECESSARY.

16. **GENERATOR'S CERTIFICATION:** I hereby declare that the contents of this consignment are fully and accurately described above by proper shipping name and are classified, packed, marked, and labeled, and are in all respects in proper condition for transport by highway according to applicable international and national government regulations.

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Printed/Typed Name	Signature	Month	Day	Year
[redacted] Rich Corona	R Corona	02	06	96

TRANSPORTER

17. Transporter 1 Acknowledgement of Receipt of Materials

Printed/Typed Name	Signature	Month	Day	Year
Matt Zimmermann		02	06	96

18. Transporter 2 Acknowledgement of Receipt of Materials

Printed/Typed Name	Signature	Month	Day	Year

FACILITY

19. Discrepancy Indication Space

RECEIVED
MAY 20 1998

20. Facility Owner or Operator Certification of receipt of hazardous materials covered by this manifest except as noted in Item 19.

Printed/Typed Name	Signature	Month	Day	Year

DO NOT WRITE BELOW THIS LINE.

DTSC-8022A (1/95)
EPA 8700—22

Yellow: GENERATOR RETAINS

GENERATOR

IN CASE OF EMERGENCY OR SPILL, CALL THE INTERNATIONAL RESPONSE CENTER 1-800-424-8802; WITHIN CALIFORNIA, CALL 1-800-852-7550

4495296.2

State of California—Environmental Protection Agency
Form Approved OMB No. 2050-0039 (Expires 9-30-96)
Please print or type. Form designed for use on elite (12-pitch) typewriter.

See Instructions on back of page 6.

Department of Toxic Substances Control
Sacramento, California

UNIFORM HAZARDOUS WASTE MANIFEST

1. Generator's US EPA ID No.	Manifest Document No.	2. Page 1	Information in the shaded areas is not required by Federal law.
CAL000005718	73181	1 of 1	EES4

3. Generator's Name and Mailing Address: BILLINGS CHEVROLET, 600 BARBER LANE, MILPITAS, CA 95035

4. Generator's Phone: 408-453-5200

A. State Manifest Document Number: 96173181

B. State Generator's ID:

5. Transporter 1 Company Name: EVERGREEN ENVIRONMENTAL SERVICES

6. US EPA ID Number: CAD982413262

C. State Transporter's ID:

D. Transporter's Phone: (800) 972-[illegible]

7. Transporter 2 Company Name:

8. US EPA ID Number:

E. State Transporter's ID:

F. Transporter's Phone:

9. Designated Facility Name and Site Address: EVERGREEN OIL, INC., 6880 Smith Avenue, Newark, CA 94560

10. US EPA ID Number: CAD980887418

G. State Facility's ID: CAD[illegible]

H. Facility's Phone: [illegible]

11. US DOT Description (Including Proper Shipping Name, Hazard Class, and ID Number)	12. Containers No.	12. Containers Type	13. Total Quantity	14. Unit Wt/Vol
a. USED AUTOMOTIVE ANTIFREEZE NON-RCRA HAZARDOUS WASTE, LIQUID	001	TT	00160	G
b.				
c.				
d.				

[illegible]

15. Special Handling Instructions and Additional Information
24 Hour Emergency Response Telephone No.: CHEMTREC 1-800-424-9300 Invoice # 529770
DOT ERG 31 WEAR PROTECTIVE EQUIPMENT

16. GENERATOR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by proper shipping name and are classified, packed, marked, and labeled, and are in all respects in proper condition for transport by highway according to applicable international and national government regulations.

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Printed/Typed Name	Signature	Month	Day	Year
Richard A Corona	R A Corona	05	30	96

17. Transporter 1 Acknowledgement of Receipt of Materials

Printed/Typed Name	Signature	Month	Day	Year
JEFF WARD	[signature]	05	30	96

18. Transporter 2 Acknowledgement of Receipt of Materials

Printed/Typed Name	Signature	Month	Day	Year

19. Discrepancy Indication Space

20. Facility Owner or Operator Certification of receipt of hazardous materials covered by this manifest except as noted in Item 19.

Printed/Typed Name	Signature	Month	Day	Year
MARIO SUAREZ	[signature]	07	30	96

DO NOT WRITE BELOW THIS LINE.

IN CASE OF EMERGENCY OR SPILL, CALL THE NATIONAL RESPONSE CENTER 1-800-424-8802; WITHIN CALIFORNIA, CALL 1-800-852-7550

GENERATOR — TRANSPORTER — FACILITY

White: TSDF SENDS THIS COPY TO DTSC WITHIN 30 DAYS.
Yellow: P.O. Box 3000, Sacramento, CA 95812

DTSC 8022A (1/95)
EPA 8700—22

State of California—Environmental Protection Agency
Form Approved OMB No. 2050-0039 (Expires 9-30-96)
Please print or type. Form designed for use on elite (12-pitch) typewriter.

See Instructions on back of page 6.

Department of Toxic Substances Control
Sacramento, California

UNIFORM HAZARDOUS WASTE MANIFEST

1. Generator's US EPA ID No. CAL 000 [illegible] Manifest Document No. [illegible]

2. Page 1 of 1

Information in the shaded areas is not required by Federal law.

EC84

3. Generator's Name and Mailing Address
[illegible]

4. Generator's Phone [illegible]

5. Transporter 1 Company Name
EVERGREEN ENVIRONMENTAL SERVICES

6. US EPA ID Number
CAD982413262

7. Transporter 2 Company Name

8. US EPA ID Number

9. Designated Facility Name and Site Address
EVERGREEN OIL, INC.
[illegible] Smith Avenue
Newark, CA 94560

10. US EPA ID Number
CAD980887418

11. US DOT Description (including Proper Shipping Name, Hazard Class, and ID Number)	12. Containers No.	12. Containers Type	13. Total Quantity	14. Unit Wt/Vol
a. USED AUTOMOTIVE [illegible] NON-RCRA HAZARDOUS WASTE, LIQUID	001	TT	[illegible]	G
b.				
c.				
d.				

RECEIVED
MAY 20 1998

15. Special Handling Instructions and Additional Information
24 Hour Emergency Response Telephone No.: CHEMTREC 1-800-424-9300 Invoice #
DOT ERG 31 WEAR PROTECTIVE EQUIPMENT

16. GENERATOR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by proper shipping name and are classified, packed, marked, and labeled, and are in all respects in proper condition for transport by highway according to applicable international and national government regulations.

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Printed/Typed Name	Signature	Month	Day	Year
Richard A Corona	[signature]	05	30	98

17. Transporter 1 Acknowledgement of Receipt of Materials

Printed/Typed Name	Signature	Month	Day	Year
JEFF WARD	[signature]	05	30	98

18. Transporter 2 Acknowledgement of Receipt of Materials

Printed/Typed Name	Signature	Month	Day	Year

RECEIVED
MAY 20 1998

19. Discrepancy Indication Space

20. Facility Owner or Operator Certification of receipt of hazardous materials covered by this manifest except as noted in Item 19.

Printed/Typed Name	Signature	Month	Day	Year

GENERATOR

TRANSPORTER

FACILITY

IN CASE OF EMERGENCY OR SPILL, CALL THE NATIONAL RESPONSE CENTER 1-800-424-8802; WITHIN CALIFORNIA, CALL 1-800-852-7550

FAX 510-796-2559

DO NOT WRITE BELOW THIS LINE.

CAD 00000 5918

Evergreen

Debra 510-795-4400

DTSC 8022A (1/95)
EPA 8700—22

Yellow: GENERATOR RETAINS

County of Santa Clara

Department of Environmental Health
Hazardous Materials Compliance Division
2220 Moorpark Avenue
P.O. Box 28070
San Jose, CA 95159-8070
(408) 299-6930 Fax (408) 280-6479

Program Record ID	E	SC	Time
~~202507/~~ 443	2706	01	~~1:00~~

OFFICIAL NOTICE OF INSPECTION

Facility Name: BILLINGS CHEVROLET	Inspection Date: 5/6/98
Site Address: 600 BARBER LN, MI CA 95035	Work Area: 608
Contact Person(s): BOB HANLEY, SERVICE MGR	Employee No.: 4 634
Inspection Type: ☐ Hazardous Materials ☒ Hazardous Waste ☐ Toxic Gas ☐ Cal-Accidental Release Prevention Program ☐ Medical Waste Storage/Treatment ☐ Medical Waste Generator	Samples Taken? ☐ Yes; ☒ No. Photographs Taken? ☐ Yes; ☒ No.

VIOLATIONS: Codes noted below in the "Violation Code" column represent specific violations of State law and/or local Ordinance. These codes are defined in the attached Violation Codes document(s). Time granted for correction of violations does not preclude any enforcement action by this Department or other agencies. This facility may be subject to reinspection at any time. Minor Violations:

Violation Codes	Summary of Violations, Notice to Comply, Observations, and Required Corrective Actions	Corrective Actions Taken
2219	66262.3 Manifest # 96473771 was not sent to DTSC w/in 30 days. Must Send immediately. ✓	HAS BEEN MAILED 5/6/98
2158	66262.42 Failed to determine the status of the following manifest w/in 35 days of shipment of waste & failed to file an Exception report w/in 45 days: ✓	Copies ENCLOSED
	96851295 10/8/97	SAFETY-KLEEN Corp
	95958563 2/6/96	~~and EVERGREEN Has~~
	96173181 7/30/96	HAS SENT Copies
	Must correct w/in 30 days.	for 96851295 & 95958563 AND EVERGREEN HAS SENT Copy of 96173181

All violations must be corrected within 30 days of the inspection date unless noted otherwise, above. Section 25187.8 of the State Health and Safety Code (H&SC) requires that you write a brief description of the corrective actions you have taken to bring this facility into compliance, and submit it to this Department within 5 days of achieving compliance, or within 35 days of the inspection date, whichever comes first. *(Note: Detailed instructions on actions you must take are printed on the reverse side of this page.)*

Received by: + R Healey Inspected by: Wayne Yip Entered by: ____

Certification: I certify under penalty of perjury that this facility has complied with directives specified in this Notice to Comply.

Signature of Owner/Operator: _____ Title: _____ Date: ___/___/___

FACILITY SENDS YELLOW COPY TO AGENCY, KEEPS PINK COPY.

County of Santa Clara
Department of Environmental Health
Hazardous Materials Compliance Division

2220 Moorpark Avenue
P.O. Box 28070
San Jose, CA 95159-8070
(408) 299-6930 Fax (408) 280-6479

RECEIVED
MAY 20 1998

OFFICIAL NOTICE OF INSPECTION

(Continuation Page)

Facility Name: Billings Chevrolet **Inspection Date:** 5/6/98

Violation Codes	Summary of Violations, Notice to Comply, Observations, and Required Corrective Actions	Corrective Actions Taken
25250.8 ✓	~~Waste~~ Failed to provide any Copies of Waste oil bill of lading for ~~this~~ inspection. Must provide copies for the last year w/in 30days	Copies from EVERGREEN ENCLOSED
66265.174 ✓	Must re-implement weekly Monitoring of haz. Waste Storage area.	TECH ASSIGNED TO PERFORM BOTH DUTIES
66265.33 ✓	Must re-implement monthly monitoring of emergency equipment e.g. eye wash, spill kit, absorbent first aid etc	
66265.16	Failed to provide training for employees that handle or manage haz. waste Must re-institute w/in 30days.	CALLED Kip PRAHL ASSOCIATES & SPOKE W/ERIC SCHMITZ & SCHEDULED TRAINING FOR
✓	Determine which EPA ID # is the correct one CAO 000005918 ~~or CAL 000005918~~ ~~or CAD 009 6 8555~~ (1-800-618-6942)	CORRECT NUMBER is CA 000005918
Kip	66265.16(1)(2) Provide job title & job description for all employees who handle or manage haz waste.	Kip PRAHL TO TAKE CARE OF AT JUNE MEETING
	~~66265.53(b) Must complete Contingency plan & maintain onsite.~~ (W Yip)	

Received by: [signature] Inspected by: Wayne Yip

FACILITY SENDS YELLOW COPY TO AGENCY, KEEPS PINK COPY.

County of Santa Clara

Environmental Resources Agency
Department of Environmental Health

Hazardous Materials Compliance Division
2220 Moorpark, Avenue, East Wing, Room 204
San Jose, California 95128-2690
(408) 299-6930 FAX 280-6479

RECEIVED
JUN 22 1998

CERTIFICATION OF COMPLIANCE

BUSINESS NAME: Billing Chevrolet, Inc INSPECTOR YIP

COUNTY I.D. NO. 503407 DATE OF INSP. 8/3/98

SITE ADDRESS: 600 Barber Lane, Mil 95035

I certify under penalty of law that:

This Business has corrected all violations marked on the official notice of inspection.

I have personally examined any documentation attached to this certification to establish that the violations have been corrected.

Based on my examination of the attached documentation and inquiry of the individuals who prepared or obtained it, I believe that the information is true, accurate, and complete.

I am authorized to file this certification for the Business.

I am aware that there are significant penalties for submitting false information.

Signed: Robert F. Hanley

Printed or Typed Name: ROBERT F. HANLEY

Title: SERVICE MANAGER Date: 6/19/98

Mail To: Deputy Director
Hazardous Materials Compliance Division
P.O. Box 28070
San Jose, CA 95159-8070

Board of Supervisors: Michael M. Honda, Zoe Lofgren, Ron Gonzales, Rod Diridon, Dianne McKenna

8-006

County of Santa Clara

Department of Environmental Health
Hazardous Materials Compliance Division
2220 Moorpark Avenue
P.O. Box 28070
San Jose, CA 95159-8070
(408) 299-6930 Fax (408) 280-6479

Program Record ID	FE	SC	Time
313423	2206	01	300

OFFICIAL NOTICE OF INSPECTION

Facility Name:	Billings Chevrolet		Inspection Date: March 27, 2001
Site Address:	600 Barbers Ln. Milpitas, CA		Work Area:
Contact Person(s):	Robert Hanley / Service Manager		Employee No.: 4677
Inspection Type:	☐ Hazardous Materials	☐ Cal-Accidental Release Prevention Program	Samples Taken? ☐ Yes; ☒ No.
	☑ Hazardous Waste	☐ Medical Waste Storage/Treatment	Photographs Taken? ☐ Yes; ☒ No.
	☐ Toxic Gas	☐ Medical Waste Generator	

VIOLATIONS: Codes noted below in the "Violation Code" column represent specific violations of State law and/or local Ordinance. These codes are defined in the ttached Violation Codes document(s). Time granted for correction of violations does not preclude any enforcement action by this Department or other agencies. This facility may be subject to reinspection at any time.

Violation Codes	Summary of Violations, Notice to Comply, Observations, and Required Corrective Actions	Corrective Actions Taken
2210 2245	Implement a daily inspection at the waste oil and waste coolant storage tank located behind the shop. Weekly inspection at the waste oil and waste coolant collection reservoirs, including waste oil filters storage area.	
2220 2258	The following manifests missing TSDF copies, exception report not submitted to DTSC after 35 days of shipment ~~manifest numbers~~, 97458101 (4/16/98) 99893500 (2/28/00), 98283597 (8/28/98) 20386693 (1/5/00), 20285369 (11/26/00) 98186793 (5/20/98). Submit a copy of the TSDF to this department in 30 days to verify proper disposal of the waste.	

All violations must be corrected within 30 days of the inspection date unless noted otherwise, above. Section 25187.8 of the State Health and Safety Code (H&SC) requires that you write a brief description of the corrective actions you have taken to bring this facility into compliance and submit it to this Department within 5 days of achieving compliance, or within 35 days of the inspection date, whichever comes first. *(Note: Detailed instructions on actions you must take are printed on the reverse side of this page.)*

Received by: Robert Hanley Inspected by: [signature] Entered by: 10086 6/07/01

Certification: I certify under penalty of perjury that this facility has complied with directives specified in this Notice to Comply.

Signature of Owner/Operator: _____ Title: _____ Date: ___/___/___

FACILITY SENDS YELLOW COPY TO AGENCY, KEEPS PINK COPY.

MD

County of Santa Clara
Department of Environmental Health
Hazardous Materials Compliance Division

2220 Moorpark Avenue
P.O. Box 28070
San Jose, CA 95159-8070
(408) 299-6930 Fax (408) 280-6479

OFFICIAL NOTICE OF INSPECTION

(Continuation Page)

Facility Name: Billing Chevrolet **Inspection Date:** Mar

Violation Codes	Summary of Violations, Notice to Comply, Observations, and Required Corrective Actions	Corrective Actions Taken
2222 2246	Observed Waste oil & Waste coolant collection reservoirs in the shop area without hazardous waste label and no accumulation start date. Label Containers	
2246	Mislabel Waste Oil and Waste Coolant tank. Hazardous waste label was deteriorated and information not legible. Hazardous Waste label must include generators name, address, accumulation start date, composition of the waste, Hazardous & physical properties.	
2250	Disposal records for the Waste Coolant indicated that last shipment made was 09/28/00. Waste coolant being stored on-site for over 90 days.	
2251	Provide a hazardous waste management training for personnel involved in waste handling. Submit training records to this department to verify compliance.	
2253	Prepare an Emergency Response Plan/ Contingency Plan for this facility!	
2262	No disposal records for Waste Oil & filters for 1998, 1999, 2000 & present. Must be on-site. Kept on-site for at least 3 years.	Corrected

Received by: [signature] Inspected by: [signature]

FACILITY SENDS YELLOW COPY TO AGENCY, KEEPS PINK COPY.

County of Santa Clar.
Department of Environmental Health
Hazardous Materials Compliance Division

2220 Moorpark Avenue
P.O. Box 28070
San Jose, CA 95159-8070
(408) 299-6930 Fax (408) 280-6479

OFFICIAL NOTICE OF INSPECTION

(Continuation Page)

Facility Name: Billing Chevrolet **Inspection Date:** March 27, 2001

Violation Codes	Summary of Violations, Notice to Comply, Observations, and Required Corrective Actions	Corrective Actions Taken
2206	Observe one 55 gal. plastic drum containing unknown liquid (appeared to be oil with water) stored behind the shop area unlabeled. Label drum properly to include all information required under Title 22.	
Note:	Label yellow drum containing Used Automotive Batteries as "Used Automotive Batteries".	

Received by: [signature] Inspected by: [signature]

FACILITY SENDS YELLOW COPY TO AGENCY, KEEPS PINK COPY.

County of Santa Clar

Environmental Resources Agency
Department of Environmental Health
Hazardous Materials Compliance Division
1555 Berger Drive, Suite 300
San Jose, CA 95112-2716
(408) 918-3400 Fax (408) 280-6479 www.EHinfo.org

CO/FR/TA ID	PE	SC	Time
112423	2206	01	270

OFFICIAL NOTICE OF INSPECTION

Facility Name: Billings Chevrolet	Inspection Date: June 18, 2002
Site Address: 1000 Barber Ln. Milpitas, CA	Employee No.:
Contact Person(s): Mike McClure / Asst. Serv. Mgr.	Samples Taken? ☐ Yes; ☒ No. Photographs Taken? ☐ Yes; ☒ No.
Inspection Type: ☐ Hazardous Materials ☒ Hazardous Waste ☐ Tiered Permit ☐ Toxic Gas ☐ Cal-Accidental Release Prevention Program ☐ Other	Hazardous Waste Generator Type: ☐ < 1,000 Kg./mo. ☒ ≥ 1,000 Kg./mo. ☐ CESQG ☐ Satellite Only

VIOLATIONS: Codes noted below in the "Violation Code" column represent specific violations of State law and/or local Ordinance. These codes are defined in the attached Violation Codes document(s). Time granted for correction of violations does not preclude any enforcement action by this Department or other agencies. This facility may be subject to reinspection at any time.

Violation Codes	Summary of Violations, Notice to Comply, Observations, and Required Corrective Actions	Corrective Actions Taken
2206	Observed three 30 gal. Waste oil drain buckets and two 30 gal. Waste coolant drain buckets unlabeled. Label containers as Hazardous Waste to include all information required in Title 22.	
2210	No indication that Waste oil, Waste coolant, Waste batteries and Waste oil filters storage area being inspected on a weekly basis. Implement a weekly inspection at the hazardous waste storage areas using inspection form provided by this department. Keep inspection records on-site for our review.	Corrected

All violations must be corrected within 30 days of the inspection date unless noted otherwise, above. Section 25187.8 of the State Health and Safety Code (H&SC) requires that you write a brief description of the corrective actions you have taken to bring this facility into compliance and submit it to this Department within 5 days of achieving compliance, or within 35 days of the inspection date, whichever comes first. *(Note: Detailed instructions on actions you must take are printed on the reverse side of this page.)*

Received by: Mike McClure Inspected by: [signature] Entered by: KH 7/08/0.

Certification: I certify under penalty of perjury that this facility has complied with directives specified in this Notice to Comply.

Signature of Owner/Operator: _____ Title: _____ Date: ___/___/___

FACILITY SENDS YELLOW COPY TO AGENCY, KEEPS PINK COPY.

MB

County of Santa Clara
Environmental Resources Agency
Department of Environmental Health
Hazardous Materials Compliance Division

1555 Berger Drive, Suite 300
San Jose, CA 95112-2716
(408) 918-3400 Fax (408) 280-6479
www.EHinfo.org

OFFICIAL NOTICE OF INSPECTION

(Continuation Page)

Facility Name: Billing Chevrolet **Inspection Date:** June 18, 2003

Violation Codes	Summary of Violations, Notice to Comply, Observations, and Required Corrective Actions	Corrective Actions Taken
7220	Waste Coolant disposal records for year 2001, 2002 & 2003 not available at the time of inspection. Submit a copy of disposal records (TSDf) for the year indicated above with in 30 days, or call to schedule record review.	
-	Waste Brake fluid disposal record (manifest # 21315300 (11-30-01) filed without TSDf copy. Obtain TSDf copy and submit a copy to this department in 30 days to verify proper disposal of the waste.	
7251	Provide a Hazardous waste management training for all personnel involved in Waste handling. No records indicating that personnel involved are trained in Hazardous waste management. Submit a copy of training records to this dept. to verify compliance.	
7253	Contingency Plan not made. Prepare a Contingency Plan / Emergency Response Plan for the facility and Submit a copy to this department to verify compliance.	

Received by: Mike McCune Inspected by: [signature]

FACILITY SENDS YELLOW COPY TO AGENCY, KEEPS PINK COPY.

County of Santa Clara
Environmental Resources Agency
Department of Environmental Health
Hazardous Materials Compliance Division

1555 Berger Drive, Suite 300
San Jose, CA 95112-2716
(408) 918-3400 Fax (408) 280-6479
www.EHinfo.org

OFFICIAL NOTICE OF INSPECTION

(Continuation Page)

Facility Name: Billing Chevrolet **Inspection Date:** June 18, 200

Violation Codes	Summary of Violations, Notice to Comply, Observations, and Required Corrective Actions	Corrective Actions Taken
2269	Disposal records for waste oil,	
2274	waste oil filters, waste batteries	
2272	and soiled Rags for 2001, 2002	
2279	and 2003 not available at the	
	time of inspection. Provide a copy	
	to this department within 30 days	
	or call to schedule record review.	
2268	Observed one 55 gallon drum of	
	drained used oil filters with	
	missing accumulation start date.	
	Mark accumulation start date	
	when waste was first introduced	
	in the container.	

Received by: Mike McCune Inspected by: Jim Smith

FACILITY SENDS YELLOW COPY TO AGENCY, KEEPS PINK COPY.

County of Santa Clar
Environmental Resources Agency
Department of Environmental Health
Hazardous Materials Compliance Division
1555 Berger Drive, Suite 300
San Jose, CA 95112-2716
(408) 918-3400 Fax (408) 280-6479 www.EHinfo.org

CUPR/TA ID	PE	SC	Time
713423	2206	02	1.50

OFFICIAL NOTICE OF INSPECTION

Facility Name: Billings Chevrolet		Inspection Date: June 25, 2003
Site Address: 600 Barber Lane, Milpitas, CA		Employee No.: 4677
Contact Person(s): Mike McClure		Samples Taken? ☐ Yes; ☒ No. Photographs Taken? ☐ Yes; ☒ No.
Inspection Type: ☐ Hazardous Materials ☐ Hazardous Waste ☐ Tiered Permit	☐ Toxic Gas ☐ Cal-Accidental Release Prevention Program ☐ Other	Hazardous Waste Generator Type: ☐ < 1,000 Kg./mo. ☐ ≥ 1,000 Kg./mo. ☐ CESQG ☐ Satellite Only

VIOLATIONS: Codes noted below in the "Violation Code" column represent specific violations of State law and/or local Ordinance. These codes are defined in the attached Violation Codes document(s). Time granted for correction of violations does not preclude any enforcement action by this Department or other agencies. This facility may be subject to reinspection at any time.

Violation Codes	Summary of Violations, Notice to Comply, Observations, and Required Corrective Actions	Corrective Actions Taken
	Reviewed waste coolant, Waste oil, waste oil filters and waste Brake Solutions disposal records for 2000, 2001, 2002 and 2003. The following manifest	
2220	filed without TSD copy. Manifest # 21315300 (11/30/01), 22855915 (12/05/02) and 22431058 (2/12/03). Submit a signed TSD copy to this department to verify proper disposal of the wastes w/in 30 days.	
—	Reviewed Waste Rags & Waste Batteries disposal records.	

All violations must be corrected within 30 days of the inspection date unless noted otherwise, above. Section 25187.8 of the State Health and Safety Code (H&SC) requires that you write a brief description of the corrective actions you have taken to bring this facility into compliance and submit it to this Department within 5 days of achieving compliance, or within 35 days of the inspection date, whichever comes first. (*Note: Detailed instructions on actions you must take are printed on the reverse side of this page.*)

Received by: Mike McClure Inspected by: [signature] Entered by: 7/28/03

Certification: I certify under penalty of perjury that this facility has complied with directives specified in this Notice to Comply.

Signature of Owner/Operator: _____ Title: _____ Date: ___/___/___

FACILITY SENDS YELLOW COPY TO AGENCY, KEEPS PINK COPY.

See Instructions on back of page 6.

Department of Toxic Substances Control
Sacramento, California

UNIFORM HAZARDOUS WASTE MANIFEST

1. Generator's US EPA ID No. CA0000005918 | Manifest Document No. 95578 | 2. Page 1 of 1 | Information in the shaded areas is not required by Federal law.

3. Generator's Name and Mailing Address: BILLINGS CHEVROLET
600 BARBER LN
MILPITAS CA 95035
4. Generator's Phone (408) 453-8200

A. State Manifest Document Number: 21315300

5. Transporter 1 Company Name: SAFETY-KLEEN SYSTEMS, INC.
6. US EPA ID Number: SCA0000075150
E. Transporter's Phone: 800 669-9740

7. Transporter 2 Company Name
8. US EPA ID Number
F. Transporter's Phone

9. Designated Facility Name and Site Address: 00078C
SAFETY KLEEN SYSTEMS, INC.
6400 80TH STREET
SACRAMENTO CA 95828
10. US EPA ID Number: CAD000084517
G. State Facility's ID: CAD000084517
H. Facility's Phone: 916 386-4913

11. US DOT Description (including Proper Shipping Name, Hazard Class, and ID Number)	12. Containers No.	Type	13. Total Quantity	14. Unit Wt/Vol	I. Waste No.	J. Waste No.
a. HAZARDOUS WASTE, LIQUID, N.O.S. (NA3082, PG III (D039) (ERG#171) AQUEOUS BRAKE SOLUTION(8.3#/GAL)	001	DF	005	G	134	D039
b.						
c.						
d. CA0000005918 #3643-36						

K. Additional Descriptions for Materials Listed Above
TRK#10144236

L. Handling Codes for Wastes Listed Above

15. Special Handling Instructions and Additional Information
EMERGENCY RESPONSE (408) 720-2HR
SK AUTHORIZED TO RETAIN LICENSED SUBSEQUENT CARRIER, AS NECESSARY

A 839 B C D

16. GENERATOR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by proper shipping name and are classified, packed, marked, and labeled, and are in all respects in proper condition for transport by highway according to applicable international and national government regulations.

If I am a large quantity generator, I certify that I have a program in place to reduce the volume and toxicity of waste generated to the degree I have determined to be economically practicable and that I have selected the practicable method of treatment, storage, or disposal currently available to me which minimizes the present and future threat to human health and the environment; OR, if I am a small quantity generator, I have made a good faith effort to minimize my waste generation and select the best waste management method that is available to me and that I can afford.

11-30-2001

Printed/Typed Name	Signature	Month	Day	Year
		11	30	01

17. Transporter 1 Acknowledgement of Receipt of Materials

Printed/Typed Name	Signature	Month	Day	Year
		11	30	01

18. Transporter 2 Acknowledgement of Receipt of Materials

Printed/Typed Name	Signature	Month	Day	Year

19. Discrepancy Indication Space

20. Facility Owner or Operator Certification of receipt of hazardous materials covered by this manifest except as noted in Item 19.

Printed/Typed Name	Signature	Month	Day	Year
Summer Woldridge		12	05	01

DO NOT WRITE BELOW THIS LINE.

IN CASE OF EMERGENCY OR SPILL, CALL THE NATIONAL RESPONSE CENTER 1-800-424-8802: WITHIN CALIFORNIA, CALL 1-800-852-7550

GENERATOR | TRANSPORTER | FACILITY

DTSC 8022A (1/99)
EPA 8700—22

Yellow: GENERATOR RETAINS

State of California—Environmental Protection Agency
Form Approved OMB No. 2050-0039 (Expires 9-30-99)
Please print or type. Form designed for use on elite (12-pitch) typewriter.

See Instructions on back of page 6.

Department of Toxic Substances Control
Sacramento, California

UNIFORM HAZARDOUS WASTE MANIFEST

1. Generator's US EPA ID No. CA0000059818436 73 — Manifest Document No. — 2. Page 1 of — Information in the shaded areas is not required by Federal law.

3. Generator's Name and Mailing Address: Billings Chevrolet, 600 Barber Ln, Milpitas Ca. 95035
4. Generator's Phone (408) 453-8100

A. State Manifest Document Number: 2431058
B. State Generator's ID:

5. Transporter 1 Company Name: SAFETY KLEEN SYSTEMS, INC.
6. US EPA ID Number: SKEG010075150
C. State Transporter's ID (Reserved):
D. Transporter's Phone: 800 645-6745

7. Transporter 2 Company Name:
8. US EPA ID Number:
E. State Transporter's ID (Reserved):
F. Transporter's Phone:

9. Designated Facility Name and Site Address: SAFETY-KLEEN SYSTEMS, INC, 6000 EAST 14. STREET, SACRAMENTO, CA 95828
10. US EPA ID Number: CAD000104517
G. State Facility ID: CAD000084517
H. Facility's Phone: 916 383-4913

11. US DOT Description (including Proper Shipping Name, Hazard Class, and ID Number)	12. Containers No.	Type	13. Total Quantity	14. Unit Wt/Vol	I. Waste Number
a. HAZARDOUS WASTE LIQUID, N.O.S. (NA 3082, PG III (D039) ERG# 171) AQUEOUS BENKE SOLUTION (8.3# GAL)	001		00005		State 134 EPA/Other D039
b.					State EPA/Other
c.					State EPA/Other
d.					State EPA/Other

J. Additional Descriptions for Materials Listed Above
K. Handling Codes for Wastes Listed Above: a. b.

15. Special Handling Instructions and Additional Information: (D39 DET.) TRK# 103103572 Date 12-12-03

16. GENERATOR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by proper shipping name and are classified, packed, marked, and labeled, and are in all respects in proper condition for transport by highway according to applicable international and national government regulations.

If I am a large quantity generator, I certify that I have a program in place to reduce the volume and toxicity of waste generated to the degree I have determined to be economically practicable and that I have selected the practicable method of treatment, storage, or disposal currently available to me which minimizes the present and future threat to human health and the environment; OR, if I am a small quantity generator, I have made a good faith effort to minimize my waste generation and select the best waste management method that is available to me and that I can afford.

Printed/Typed Name	Signature	Month	Day	Year
Mike McCann	Mike McCann	12	12	03

17. Transporter 1 Acknowledgement of Receipt of Materials

Printed/Typed Name	Signature	Month	Day	Year
		12	12	03

18. Transporter 2 Acknowledgement of Receipt of Materials

Printed/Typed Name	Signature	Month	Day	Year

19. Discrepancy Indication Space

20. Facility Owner or Operator Certification of receipt of hazardous materials covered by this manifest except as noted in Item 19

Printed/Typed Name	Signature	Month	Day	Year
Summer Woldridge		02	14	03

DO NOT WRITE BELOW THIS LINE.

IN CASE OF EMERGENCY OR SPILL, CALL THE CHEMTREC EMERGENCY RESPONSE CENTER 1-800-424-9300. WITHIN CALIFORNIA, CALL 1-800-852-7550

GENERATOR — TRANSPORTER — FACILITY

DTSC 8022A (1/99)
EPA 8700-22

Yellow: GENERATOR RETAINS

State of California—Environmental Protection Agency
Form Approved OMB No. 2050-0039 (Expires 9-30-99)
Please print or type. Form designed for use on elite (12-pitch) typewriter.

7-178-02 See Instructions on back of page 6.

Department of Toxic Substances Control
Sacramento, California

UNIFORM HAZARDOUS WASTE MANIFEST

1. Generator's US EPA ID No.: CAL000065918 Manifest Document No.: 0972712
2. Page 1 of 1
Information in the shaded areas is not required by Federal law.

3. Generator's Name and Mailing Address: BILLINGS CHEVROLET
600 BAGGIO(?) LANE
4. Generator's Phone (408) 263 7700 MILPITAS CA 95035

5. Transporter 1 Company Name: SAFETY-KLEEN SYSTEMS INC.
6. US EPA ID Number: SCR000075150

7. Transporter 2 Company Name:
8. US EPA ID Number:

9. Designated Facility Name and Site Address: 050144
CLEAN HARBORS SAN JOSE, LL
1021 BERRYESSA RD
SAN JOSE CA 95133
10. US EPA ID Number: CAD059494310

11. US DOT Description (Including Proper Shipping Name, Hazard Class, and ID Number)	12. Containers No.	Type	13. Total Quantity	14. Unit Wt/Vol
a. NON-RCRA HAZARDOUS WASTE LIQUID OIL, WATER, SLUDGE(NOT DOT REGULATED)	001	TT	01245	G
b.				
c.				
d.				

J. Additional Descriptions for Materials Listed Above
[illegible] 221 [illegible]

15. Special Handling Instructions and Additional Information
MFST R/T4000000000 0-000 UO
EMERGENCY RESP 800-468-1760(24 HR). IF UNDELIVERABLE RETURN TO GENERATOR. SK CORP AUTHORIZED TO RETAIN LICENSED SUBSEQUENT CARRIERS AS NECESSARY.
SKDOT# A: 11250 B: C: D:

16. GENERATOR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by proper shipping name and are classified, packed, marked, and labeled, and are in all respects in proper condition for transport by highway according to applicable international and national government regulations.

If I am a large quantity generator, I certify that I have a program in place to reduce the volume and toxicity of waste generated to the degree I have determined to be economically practicable and that I have selected the practicable method of treatment, storage, or disposal currently available to me which minimizes the present and future threat to human health and the environment; OR, if I am a small quantity generator, I have made a good faith effort to minimize my waste generation and select the best waste management method that is available to me and that I can afford.

Printed/Typed Name: MIKE MCCLURE Signature: [signature] Month Day Year: 12 05 02

17. Transporter 1 Acknowledgement of Receipt of Materials
Printed/Typed Name: DALE FRANKS(?) Signature: [signature] Month Day Year: 12 05 02

18. Transporter 2 Acknowledgement of Receipt of Materials
Printed/Typed Name: Signature: Month Day Year:

19. Discrepancy Indication Space

20. Facility Owner or Operator Certification of receipt of hazardous materials covered by this manifest except as noted in Item 19.
Printed/Typed Name: FELIPO(?) TAVLEALES(?) Signature: [signature] Month Day Year:

DO NOT WRITE BELOW THIS LINE.

12-06-02

DTSC 8022A (1/99)
EPA 8700—22

Green: TRANSPORTER RETAINS

IN CASE OF EMERGENCY OR SPILL, CALL THE NATIONAL RESPONSE CENTER 1-800-424-8802; WITHIN CALIFORNIA, CALL 1-800-852-7550

County of Santa Clara

Environmental Resources Agency
Department of Environmental Health
Hazardous Materials Compliance Division
1555 Berger Drive, Suite 300
San Jose, CA 95112-2716
(408) 918-3400 Fax (408) 280-6479 www.EHinfo.org

CO/PR/TA ID	FE	SC	Time
Reg			

OFFICIAL NOTICE OF INSPECTION

Facility Name: Billings Chevrolet	Inspection Date: June 18, 2003
Site Address: 1000 Barber Ln. Milpitas, CA	Employee No.:
Contact Person(s): Mike McClure / Asst. Serv. Mgr.	Samples Taken? ☐ Yes; ☒ No. Photographs Taken? ☐ Yes; ☒ No.
Inspection Type: ☐ Hazardous Materials ☒ Hazardous Waste ☐ Tiered Permit ☐ Toxic Gas ☐ Cal-Accidental Release Prevention Program ☐ Other	Hazardous Waste Generator Type: ☐ < 1,000 Kg./mo. ☒ ≥ 1,000 Kg./mo. ☐ CESQG ☐ Satellite Only

VIOLATIONS: Codes noted below in the "Violation Code" column represent specific violations of State law and/or local Ordinance. These codes are defined in the attached Violation Codes document(s). Time granted for correction of violations does not preclude any enforcement action by this Department or other agencies. This facility may be subject to reinspection at any time.

Violation Codes	Summary of Violations, Notice to Comply, Observations, and Required Corrective Actions	Corrective Actions Taken
2206 M.	Observed three 30 gal. Waste oil drain buckets and two 30 gal. Waste coolant drain buckets unlabeled. Label containers as Hazardous Waste to include all information required in Title 22.	CORRECTED 6/24/03
2210 ✓	No indication that Waste oil, Waste coolant, Waste batteries and Waste oil filters storage area being inspected on a weekly basis. Implement a weekly inspection at the Hazardous Waste storage areas using inspection form provided by this department. Keep inspection records on-site for our review.	Cancelled

All violations must be corrected within 30 days of the inspection date unless noted otherwise, above. Section 25187.8 of the State Health and Safety Code (H&SC) requires that you write a brief description of the corrective actions you have taken to bring this facility into compliance and submit it to this Department within 5 days of achieving compliance, or within 35 days of the inspection date, whichever comes first. *(Note: Detailed instructions on actions you must take are printed on the reverse side of this page.)*

Received by: Mike McClure Inspected by: _____ Entered by: _____

Certification: I certify under penalty of perjury that this facility has complied with directives specified in this Notice to Comply.

Signature of Owner/Operator: _____ Title: _____ Date: ___/___/___

FACILITY SENDS YELLOW COPY TO AGENCY, KEEPS PINK COPY.

County of Santa Clara
Environmental Resources Agency
Department of Environmental Health
Hazardous Materials Compliance Division

1555 Berger Drive, Suite 300
San Jose, CA 95112-2716
(408) 918-3400 Fax (408) 280-6479
www.EHinfo.org

Rick
918-1981

JUL 31

OFFICIAL NOTICE OF INSPECTION
(Continuation Page)

Facility Name: Billing Chevrolet **Inspection Date:** June 18, 2003

Violation Codes	Summary of Violations, Notice to Comply, Observations, and Required Corrective Actions	Corrective Actions Taken
2220	Waste Coolant disposal records for years 2001, 2002 & 2003 not available at the time of inspection. Submit a copy of disposal records (TSDF) for the years indicated above with in 30 days, or call to schedule record review.	CORRECTED BY INSPECTOR 6/25/03
M		
-	Waste Brake fluid disposal record (manifest # 21315300 (11-30-01) filed without TSDF copy. Obtain TSDF copy and Submit a copy to this department in 30 days to verify proper disposal of the waste.	CORRECTED 7/18/03
M		
2251	Provide a Hazardous waste management training for all personnel involved in Waste handling. No records indicating that personnel involved are trained in Hazardous waste management. Submit a copy of training records to this dept. to verify compliance.	NEED COPIES SENT
8		
2253	Contingency Plan not made. Prepare a Contingency Plan / Emergency Response Plan for the facility and Submit a copy to this department to verify compliance.	CORRECTED 6/25/03
♡		

Received by: Mike McCann Inspected by:

FACILITY SENDS YELLOW COPY TO AGENCY, KEEPS PINK COPY.

County of Santa Clara
Environmental Resources Agency
Department of Environmental Health
Hazardous Materials Compliance Division

1555 Berger Drive, Suite 300
San Jose, CA 95112-2716
(408) 918-3400 Fax (408) 280-6479
www.EHinfo.org

JUL 31 9:35 AM '03

OFFICIAL NOTICE OF INSPECTION

(Continuation Page) Aug 8, 2003

Facility Name: Billing Chevrolet **Inspection Date:** June 18, 200

Violation Codes	Summary of Violations, Notice to Comply, Observations, and Required Corrective Actions	Corrective Actions Taken
2269	Disposal records for waste ~~oil~~,	
2274	Waste oil filters, waste batteries	
2272	and soiled Rags for 2001, 2002	CORRECTED 6/25/03
2279	and 2003 not available at the	
	time of inspection. Provide a copy	
M	to this department within 30 days	
	or call to schedule record review.	
2268	Observed one 55 gallon drum of	CORRECTED
	drained used oil filters with	
V	missing accumulation start date.	START DATE
	Mark accumulation start date	
	when waste was first introduced	
	in the container.	

Received by: Mike McCann Inspected by: Jim Sun

FACILITY SENDS YELLOW COPY TO AGENCY, KEEPS PINK COPY.

County of Santa Clara

Environmental Resources Agency
Department of Environmental Health
Hazardous Materials Compliance Division
1555 Berger Drive, Suite 300
San Jose, CA 95112-2716
(408) 918-3400 Fax (408) 280-6479 www.EHinfo.org

A

RECEIVED BY ENVIRONMENTAL HEALTH HMCD
Jul 31 7 56 AM '03

CO/PR/TA ID	E	SC	Time
Followed By			

OFFICIAL NOTICE OF INSPECTION

Facility Name:	Billings Chevrolet	Inspection Date:	June 25, 2003
Site Address:	600 Barber Lane, Milpitas CA	Employee No.:	4677
Contact Person(s):	Mike McClure	Samples Taken? ☐ Yes; ☒ No. Photographs Taken? ☐ Yes; ☒ No.	
Inspection Type:	☐ Hazardous Materials ☐ Hazardous Waste ☐ Tiered Permit ☐ Toxic Gas ☐ Cal-Accidental Release Prevention Program ☐ Other	Hazardous Waste Generator Type: ☐ < 1,000 Kg./mo. ☐ ≥ 1,000 Kg./mo. ☐ CESQG ☐ Satellite Only	

VIOLATIONS: Codes noted below in the "Violation Code" column represent specific violations of State law and/or local Ordinance. These codes are defined in th attached Violation Codes document(s). Time granted for correction of violations does not preclude any enforcement action by this Department or other agencie This facility may be subject to reinspection at any time.

Violation Codes	Summary of Violations, Notice to Comply, Observations, and Required Corrective Actions	Corrective Actions Taken
	Universal Waste Lamps, Waste oil, waste	
	oil filters and Waste Brake Shoes	
	disposal records for 2000, 2001, 2002	
	and 2003. The following manifest	
2220	filed without TSDF copy. Manifest #	
	21315300 (11/30/01), 22885915 (12/05/02)	
	and 22431058 (2/12/03).	
	Submit a signed TSDF copy to this	
	department to verify proper disposal	
	of the wastes in 30 days.	
—	Universal Waste Kegs & Waste Batteries	
	disposal records.	

All violations must be corrected within 30 days of the inspection date unless noted otherwise, above. Section 25187.8 of the State Health and Safety Code (H&SC) requires that you write a brief description of the corrective actions you have taken to bring this facility into compliance and submit it to this Department within 5 days of achieving compliance, or within 35 days of the inspection date, whichever comes first. *(Note: Detailed instructions on actions you must take are printed on the reverse side of this page.)*

X Received by: _____ Inspected by: _____ Entered by: _____

Certification: I certify under penalty of perjury that this facility has complied with directives specified in this Notice to Comply.

Signature of Owner/Operator: _____ Title: _____ Date: ___/___/___

FACILITY SENDS YELLOW COPY TO AGENCY, KEEPS PINK COPY.

TRC Lowney

APPENDIX H

VICINITY HAZARDOUS MATERIAL USERS SURVEY

October 15, 2006

Mr. Demetri Loukas
DAVID J. POWERS AND ASSOCIATES
1885 The Alameda, Suite 204
San Jose, California 95126

Re: Vicinity Hazardous Materials Users Survey, Proposed 600 Barber Lane Redevelopment Project, Milpitas, California

Dear Mr. Loukas:

This vicinity hazardous materials users survey was performed for David J. Powers and Associates, who is preparing an Initial Study for the proposed redevelopment of the property located at 600 Barber Lane in Milpitas, California.

Purpose
The purpose of this study was to identify facilities in the vicinity of the project site having reported hazardous substance usage, and to evaluate the significance of the identified hazardous substances to the proposed residential development if an accidental release were to occur. This letter was prepared in accordance with our agreement dated September 14, 2006.

Scope of Work
The scope of work performed for this study was the following.

- Performed a visual survey of the site vicinity to identify readily observable names and addresses of businesses, railroad tracks, and hazardous materials/waste pipelines located within a ½-mile radius of the project site (adjacent to site for pipelines), and appearing to have the potential to use, handle, and/or store significant quantities of toxic or hazardous materials and/or wastes (hazardous substances).

- Reviewed available hazardous materials files for the facilities identified through the first task at the Milpitas Fire Department (MFD).

- Obtained and reviewed a regulatory agency database report to identify government agency-recorded facilities having significant hazardous substance usage or having significant reported air emissions or hazardous substance releases.

Observed Vicinity Hazardous Materials Facilities
On October 6, 2006, a visual survey of the businesses within approximately ½-mile of the project site was performed, in an attempt to identify those currently appearing likely to use, handle, and/or store significant quantities of hazardous substances. A summary of the businesses identified is presented in the table on the following page.

BELINDA P. BLACKIE, P.E., R.E.A.
1355 POE LANE
SAN JOSE, CA 95130
PHONE/FAX: (408) 260-8627

OBSERVED BUSINESSES WITH POTENTIALLY SIGNIFICANT QUANTITIES OF HAZARDOUS SUBSTANCES

Facility Name	Facility Address	Observations
Elmwood Correctional Facility	701 South Abel Street	Multiple fuel ASTs visible along Abel Street
Serra Center – Walgreen's	342 West Calaveras Boulevard	Drug store likely with photo processing
Arco AM-PM/Smog Pros	43 South Abbott Avenue	Gas station with associated automotive repair facility. Hazardous materials placard with health rating of 1 and flammability rating of 3 visible.
76 Station and Auto Repair	97 South Abbott Avenue	Gas station with associated automotive repair facility. Hazardous materials placard with health rating of 2 and flammability rating of 3 visible.
Alliance Occupational Medicine	315 South Abbott Avenue	Office building
Nikos Media and Graphics, LLC	336 South Abbott Avenue	One business within Building A of Calaveras Center, a large commercial/light industrial business park.
Basenet.com	304 South Abbott Avenue	One business within Building A of Calaveras Center, a large commercial/light industrial business park.
BC Electric	304 and 308 South Abbott Avenue	One business within Building A of Calaveras Center, a large commercial/light industrial business park.
Wireless Dimension	306 South Abbott Avenue	One business within Building A of Calaveras Center, a large commercial/light industrial business park.
eGlobal Solutions	308 South Abbott Avenue	One business within Building A of Calaveras Center, a large commercial/light industrial business park.
NGXI – Network Gear Exchange, Inc.	312 South Abbott Avenue	One business within Building A of Calaveras Center, a large commercial/light industrial business park.
ACE	316 South Abbott Avenue	One business within Building A of Calaveras Center, a large commercial/light industrial business park.
Bitband	324 South Abbott Avenue	One business within Building A of Calaveras Center, a large commercial/light industrial business park.
American Soil	340 South Abbott Avenue	One business within Building A of Calaveras Center, a large commercial/light industrial business park.
NPhysics/NuForce	356 and 360 South Abbott Avenue	One business within Building B of Calaveras Center, a large commercial/light industrial business park.
Anime Forest	358 South Abbott Avenue	One business within Building B of Calaveras Center, a large commercial/light industrial business park.
Daisy's Connection	364 South Abbott Avenue	One business within Building B of Calaveras Center, a large commercial/light industrial business park.

(continued)

OBSERVED BUSINESSES WITH POTENTIALLY SIGNIFICANT QUANTITIES OF HAZARDOUS SUBSTANCES (CONTINUED)

Facility Name	Facility Address	Observations
Pacific Material, LLC	366 South Abbott Avenue	One business within Building B of Calaveras Center, a large commercial/light industrial business park.
Kyosemi	368 South Abbott Avenue	One business within Building B of Calaveras Center, a large commercial/light industrial business park.
Olexir Technology	370 South Abbott Avenue	One business within Building B of Calaveras Center, a large commercial/light industrial business park.
Gainward	384 South Abbott Avenue	One business within Building B of Calaveras Center, a large commercial/light industrial business park.
A&E Painting	386 South Abbott Avenue	One business within Building B of Calaveras Center, a large commercial/light industrial business park.
aProcom Electronics	388 South Abbott Avenue	One business within Building B of Calaveras Center, a large commercial/light industrial business park.
Tuff-Shed	404 and 410 South Abbott Avenue	One business within Building 2 of Calaveras Center, a large commercial/light industrial business park. Two hazardous materials placards, one with health rating of 3, flammability rating of 4, and special hazards of cryogens and oxygenators visible and one with health rating of 1 and flammability of 4 visible.
Creative Touch	418-A South Abbott Avenue	One business within Building 2 of Calaveras Center, a large commercial/light industrial business park.
Vishall California, Inc.	418-B South Abbott Avenue	One business within Building 2 of Calaveras Center, a large commercial/light industrial business park.
Professional Exhibits and Graphics	422 South Abbott Avenue	One business within Building 2 of Calaveras Center, a large commercial/light industrial business park.
KP Corporation	428 South Abbott Avenue	One business within Building 2 of Calaveras Center, a large commercial/light industrial business park.
Appro International/Uniwide/SPC Cluster Solutions	446 South Abbott Avenue	One business within Building 2 of Calaveras Center, a large commercial/light industrial business park.
The Stuart Rental Company	454 South Abbott Avenue	One business within Building 1 of Calaveras Center, a large commercial/light industrial business park. Two hazardous materials placards, one with health rating of 3 and flammability rating of 4 visible and one with health rating of 1 and flammability of 4 visible.
24.7 Workplace	472 South Abbott Avenue	One business within Building 1 of Calaveras Center, a large commercial/light industrial business park.

(continued)

OBSERVED BUSINESSES WITH POTENTIALLY SIGNIFICANT QUANTITIES OF HAZARDOUS SUBSTANCES (CONTINUED)

Facility Name	Facility Address	Observations
Stratex Networks	482 South Abbott Avenue	One business within Building 1 of Calaveras Center, a large commercial/light industrial business park.
Citation Press	496 South Abbott Avenue	One business within Building 1 of Calaveras Center, a large commercial/light industrial business park. Hazardous materials placard with health rating of 3 and flammability rating of 4 visible
Uniforce	550 Valley Way	One business within Building 4 of Calaveras Business Park, a multi-building commercial business park.
Able Project/ Paxcell	552 Valley Way	One business within Building 4 of Calaveras Business Park, a multi-building commercial business park.
Hillpeak Systems	554 Valley Way	One business within Building 4 of Calaveras Business Park, a multi-building commercial business park.
PG&E Milpitas Terminal	66 Ranch Drive	Large natural gas storage/distribution facility with multiple ASTs and other equipment visible. Danger sign on fence states "natural gas hazard area"
KLA Tencor	1 and 3 Technology Drive	Multi-building high-tech campus with visible generator and air handling equipment. Hazardous materials placard with flammability rating of 2 visible.
Maxtor	500 McCarthy Boulevard 900, 1000, 1101, and 1140 Sumac Drive	Multi-building high-tech campus with hazardous materials placard with health rating of 3 and additional hazard of cryogenic visible both outside a storage area and on a building.
SanDisk	900 Sumac Drive	One building (or portion of a building) within multi-building high-tech campus
Cisco Systems, Building 24	510 McCarthy Boulevard	One building of five-building high-tech campus
Cisco Systems, Building 23	560 McCarthy Boulevard	One building of five-building high-tech campus
SanDisk	601 McCarthy Boulevard	High-tech building
Philips	510 and 516 Alder Drive	Facility within one building of high-tech/commercial business complex. Hazardous materials placard with additional hazard of radiological material noted.
Meridian Tech Sales	520 Alder Drive	Facility within one building of high-tech/commercial business complex
Grace Semiconductor Manufacturing Corporation	530 Alder Drive	Facility within one building of high-tech/commercial business complex
Cisco Systems, Building 20	725 Alder Drive	One building of five-building high-tech campus with diesel generator observed. Hazardous materials placard with flammability hazard of 2 visible.

(continued)

OBSERVED BUSINESSES WITH POTENTIALLY SIGNIFICANT QUANTITIES OF HAZARDOUS SUBSTANCES (CONTINUED)

Facility Name	Facility Address	Observations
Cisco Systems, Building 22	821 Alder Drive	One building of five-building high-tech campus
Chevron/McCarthy Ranch Car Wash	367 Bellew Drive or 367 Cypress Drive	Gas station with associated car wash
Kathy's Cleaner	526 Barber Lane	Small dry cleaning facility within large retail center
Milpitas Fire Station #4	774 Barber Lane	Fire station with visible diesel generator and associated AST. Hazardous materials placard with flammability hazard of 2 visible.
Cisco Systems	800 Barber Lane	Office building

Vicinity Railroad Tracks

Railroad spurs or main lines were not observed within ½ mile of the project site at the time of this study.

Adjacent Hazardous Materials/Waste Pipelines

To obtain information on the presence of hazardous materials/waste pipelines adjacent to the project site, Mr. Val Catunao of the MFD was interviewed. Mr. Catunao stated that the Chevron fuel pipeline, which reportedly transports gasoline and diesel from the refineries in Richmond to the Chevron fuel terminal located in the vicinity of Montague Expressway and McCarthy Boulevard in San Jose (approximately 1.7 miles south of the site), might run beneath Interstate 880 adjacent east of the site. A detailed map of the Chevron pipeline, showing its pathway through Milpitas/San Jose, was not able to be obtained by the time this study was completed. Mr. Catunao had no knowledge of any other hazardous materials or waste pipelines in the site vicinity.

Based on information obtained from the San Jose Fire Department (SJFD), the Kinder Morgan San Jose Pipeline also may be present in the vicinity of the site. The San Jose Pipeline reportedly is a 10-inch diameter pipeline which transports gasoline, jet fuel, and diesel from Concord to the San Jose terminal located at 2150 Kruse Drive, approximately two miles south of the site. A detailed map of the San Jose Pipeline, showing its pathway through Milpitas, was not able to be obtained by the time this study was completed.

Due to the presence of the Pacific Gas and Electric Company (PG&E) natural gas facility located approximately ½-mile north by northwest of the site, significant natural gas pipelines also may exist in the immediate vicinity of the project site.

Registered Vicinity Hazardous Gas Facilities

According to Mr. Val Catunao of the MFD, the MFD does not have a database of registered toxic gas facilities located within the city of Milpitas.

Review of Available MFD Files

To evaluate the potential significance of the businesses identified during the visual survey discussed above, readily available information on hazardous materials usage and storage for the observed businesses was reviewed at the MFD. Information for previous businesses in the site vicinity was not reviewed, except in the case where the business type appeared similar to that of the current business and no information on the current business was available. Data on the chemical/waste inventories provided in the most recent hazardous materials business plans

(HMBPs) and most recent hazardous materials inspection reports primarily was reviewed. Many of the identified facilities had no hazardous materials files on record at the MFD and, if evidence of the presence of hazardous substances was not identified through other sources, these facilities were discounted as posing a potentially significant hazardous materials threat to the proposed development. The MFD information available for the facilities is summarized in the following table; key documents are included in an appendix to this letter.

AVAILABLE FILE REVIEW INFORMATION

Document Date	Business Name	Document Type	Information Obtained
701 South Abel Street			
9/12/05	Elmwood Correctional Facility	Hazardous Materials Inventory	Hazardous materials listed in inventory included 66 gallons gasoline, 1,094 gallons propane, 30 gallons mineral spirits, 9,630 gallons diesel, 654 gallons assorted paints/removers/thinners/fillers/hardeners/ stains, 900 cubic feet argon/carbon dioxide, 635 gallons bleach/sodium hypochlorite, 95 gallons detergents/surfactants, 150 gallons Sour Clean concentrate (bisulfites), 220 gallons caustic soda, 1,000 pounds assorted cleaners, 70 gallons assorted solvent sprays/paints, 20 gallons wax/dressings, 40 gallons various cleaners, 40 gallons maintenance coating, and 10 gallons Safety Kleen mineral spirits. Hazardous waste included 55 gallons paint sludge.
342 West Calaveras Boulevard			
3/17/06	Walgreen's #3671	Business Activities Form (BAF)	Form stated that hazardous materials above 55 gallons, 500 pounds, and/or 200 cubic feet were used at the facility and that hazardous waste was generated; no underground storage tanks (USTs) or aboveground storage tanks (ASTs) were reported. The maximum quantities of hazardous materials listed on the inventory included 220 cubic feet helium, 258 cubic feet Refrigerant R-22 (chlorodifluoromethane), 116 cubic feet refrigerant R-404a (1,1,1-trichloroethylene), and 130 gallons liquid photo chemicals. Hazardous waste was limited to 110 gallons spent photo solutions containing silver.
410 South Abbott Avenue			
5/3/06	Tuff Shed, Inc.	Hazardous Materials/Waste Registration Form	Hazardous materials included in inventory limited to 45 gallons propane. Hazardous waste not reported.
5/3/06	Tuff Shed	Record of Inspection (ROI)	Inspection notes indicated that individual containers (propane cylinder) needed appropriate labeling and that a revised HMBP was needed.

(continued)

AVAILABLE FILE REVIEW INFORMATION
(CONTINUED)

Document Date	Business Name	Document Type	Information Obtained
454 South Abbott Avenue			
3/9/06	The Stuart Rental Co.	BAF	Form stated that hazardous materials above 55 gallons, 500 pounds, and/or 200 cubic feet were used at the facility and that hazardous waste was not generated; no USTs or ASTs were reported. The maximum quantities of hazardous materials listed on the inventory included 280 gallons propane, 70 gallons unleaded gasoline, 125 gallons assorted soaps and detergents, 30 gallons ethylene glycol monobutyl ether, 65 gallons 2-butoxyethanol, 3,000 cubic feet helium, and 50 gallons diesel.
1/25/06	Stuart Rental Company	ROI	Inspection notes indicated that a sign was needed for empty propane containers and that a revised HMBP was needed for propane and soaps/detergents.
66 Ranch Drive			
5/24/06	Pacific Gas	ROI	Inspection noted that labels were needed for battery room.
June 2006	Milpitas Gas Terminal	HMBP	The facility was reported to be a natural gas pipeline terminal station. The maintenance station provided crew dispatching, shop, and equipment and materials storage facilities for maintenance of natural gas transmission facilities. The natural gas terminal distributed gas from PG&E's natural gas transmission pipelines 300A and 300B to smaller pipelines serving the peninsula and south and east bay areas, and was the control center for gas flowing from these pipelines to local distribution systems. The facility reportedly was upgraded in the 1980s and the upgraded facility has been operational since October 1990. The terminal facility consisted of two buildings and several smaller structures. Portions of the yard area included buried high-pressure gas piping and aboveground control equipment. Three compressed air storage receivers, two gas/liquid separators that separate liquids from natural gas and have associated pipeline liquid holding tanks, and one 3,000-gallon pipeline liquids storage AST were present. A hazardous materials/waste storage building houses oils, absorbents, solvents, detergents, and miscellaneous aerosol cans. A drum storage area for drums of pipeline liquids collected from pipeline drips also was present. Potential spill sources at the facility were identified to include hydraulic oil from hydraulic-operated equipment, release of pipeline liquids from high-pressure operating equipment and pipeline liquids storage tank, and a release of oil and petroleum by-products from 55-gallon drums. The hazardous materials inventory included 2 gallons

(continued)

AVAILABLE FILE REVIEW INFORMATION
(CONTINUED)

Document Date	Business Name	Document Type	Information Obtained
June 2006	Milpitas Gas Terminal	HMBP	charcoal lighter, 2 gallon gasoline/oil mixture, 2,410 gallons diesel, 3 quarts motor oil, 37 ounces grease,1 gallon Roundup herbicide, 72 ounces auto primer aerosol, 4 quarts lubricant, 1,529 cubic feet compressed acetylene, 10,704 cubic feet compressed air, 1,038 cubic feet compressed oxygen, 21 gallons gasoline, 27 gallons diesel, 67 gallon + 720 pounds wet cell batteries, 240 cubic feet compressed helium, 25 pounds wax tape, 60 pounds activated alumina, 24,000 grams Adhesive MA-440, 35 pounds sorbent, 500 pounds concrete mix, 4,500 grams (?) activator for filler, 3 gallons brushing grade hardener, 200 pounds Solid-a-Sorb, 94 cubic feet calibration check gas, 3,831 cubic feet compressed helium, 80 cubic feet compressed methane, 150 gallons mineral oil from transformers, 4,440 gallons pipeline liquids (aliphatic hydrocarbons/benzene, toluene, xylene), 80 cubic feet compressed hydrogen, 912 cubic feet compressed nitrogen, 72 ounces spray primer, 150 pounds sealant, 5 gallons rust converter, 1 quart air tool oil, 6 quarts automatic transmission fluid, 1 gallon paint, 2 gallons Bitumastic Projective Coat, 2 gallons sealing compound, 5 gallons Coil –rate, 54 ounces CT-205, 80 ounces curb marker adhesive, 432 ounces insulating film, 288 ounces Dr. Zyme, 90 ounces Drop Dead, 40 pounds Equa-Lube 80, 72 ounces Frost Away, 66 ounces Gas-9, 40 pounds gear lubricant, 1 gallon gear oil, 10 gallons Hydrofoil, 55 gallons LBT-101-C, 288 ounces Lexite, 84 ounces LG-34, 408 ounces marking paint, 5 gallons mineral spirits, 144 ounces NC-123, 84 ounces P-O-W, 3 gallons enamel paint, 4 cubic feet propane, 55 gallons solvent degreaser, 144 ounces primer + 5 quarts primer, 10 pounds sealing cement, 10 gallons SSR Ultra coolant, 4 gallons Step Safe, 250 pounds + 200 ounces Total Lube, 140 pounds + 200 ounces valve cleaner, 2 gallons valve flush, 220 ounces valve sealant, 110 gallons carbon vent-sorb, 2 gallons epoxy mastic, 100 pounds Powercrete, 40 gallons Stac Prime, and 1 gallon wax tape primer. Hazardous wastes included 40 pounds Idium vapor lamps, 115 pounds wet cell batteries, 55 gallons waste oil, 55 gallons waste antifreeze, 55 gallons gasoline/diesel/water mixture, 240 pounds oily rags, 140 pounds paint-related materials, and 250 pounds waste soil/debris with oil/diesel fuel, and TPH.

(continued)

AVAILABLE FILE REVIEW INFORMATION
(CONTINUED)

Document Date	Business Name	Document Type	Information Obtained
8/31/06	Milpitas Gas Terminal	BAF	Form stated that hazardous materials above 55 gallons, 500 pounds, and/or 200 cubic feet were not used at the facility but that hazardous waste was generated and consolidated at a remote site; both USTs or ASTs were reported. The types of hazardous materials listed on the inventory appeared generally similar to those reported in the June 2006 HMBP, however quantities appeared generally to be several gallons/ pounds/cubic feet larger than on the June 2006 inventory.
1 Technology Drive			
1/16/06	KLA-Corporation	BAF	Form stated that hazardous materials above 55 gallons, 500 pounds, and/or 200 cubic feet were used at the facility and that hazardous waste was generated; no USTs or ASTs were reported. The maximum quantities of hazardous materials listed on the inventory included 660 gallons diesel, 1,820 cubic feet compressed nitrogen gas, 18,270 cubic feet Innergen gas (argon/nitrogen/carbon dioxide), 175 gallons battery electrolyte solution, and 60 gallons propane. Hazardous wastes included 55 gallons waste oil, 5 gallons waste isopropyl alcohol (IPA), and 5 gallons waste methanol.
1/24/06	KLA Tencor	ROI	No hazardous materials violations noted.
3 Technology Drive			
1/16/06	KLA-Corporation	BAF	Form stated that hazardous materials above 55 gallons, 500 pounds, and/or 200 cubic feet were used at the facility and that hazardous waste was not generated; no USTs or ASTs were reported. The maximum quantities of hazardous materials listed on the inventory included 250 gallons diesel, 1,830 cubic feet compressed nitrogen gas, and 100 gallons propane.
1/24/06	KLA Tencor	ROI	No significant hazardous materials violations noted.
500 North McCarthy Boulevard, Building 2			
12/20/05	Maxtor Corporation	BAF	Form stated that hazardous materials above 55 gallons, 500 pounds, and/or 200 cubic feet were used at the facility and that hazardous waste was generated; no USTs or ASTs were reported. The maximum quantities of hazardous materials listed on the inventory included 8 gallons acetone, 20 gallons IPA, 13 gallons Vertrel XF (2,3-dihydroperfluoropentane), 4 gallons nitric acid, 2 gallons sulfuric acid, 248 gallons liquid nitrogen, 4 gallons acetonitrile, 9 gallons hexane, 9 gallons methanol, 4 gallons decane, 5 gallons cyclohexane, 7 gallons AK-225 (dichloropentafluoropropane isomers), 5 gallons methylene chloride, 7 gallons trichlorotrifluoroethane, and 1,746 cubic feet helium. No hazardous wastes were noted. Hazardous materials appeared to be stored indoors and outdoors in a chemical shed.

(continued)

AVAILABLE FILE REVIEW INFORMATION
(CONTINUED)

Document Date	Business Name	Document Type	Information Obtained
12/20/05	Maxtor Corporation	ROI	No hazardous materials violations noted.
510 North McCarthy Boulevard			
11/17/05	Cisco Systems	Hazardous Materials Online Inventory	Hazardous materials listed in the inventory included 30 gallons AA-315, 30 gallons AA-4015 (chloromethylisothiazolinone/copper nitrate trihydrate/magnesium chloride/magnesium nitrate), 30 gallons B-261, 30 gallons Bromex 11, 30 gallons C-366, 30 gallons C-480 (zinc chloride/sulfuric acid), 50 gallons HS-4230 (sodium hydroxide/sodium tolyltriazole), 180 gallons R-123, and 40 gallons battery electrolyte. No hazardous waste was noted.
2/7/06	Cisco Systems, Inc. (Bldg. 24)	ROI	No hazardous materials violations noted.
560 North McCarthy Boulevard, Building 22			
11/18/05	Cisco Systems	Hazardous Materials Online Inventory	Hazardous materials listed in the inventory included 30 gallons AA-315, 30 gallons AA-4015 (chloromethylisothiazolinone/copper nitrate trihydrate/magnesium chloride/magnesium nitrate), 30 gallons B-261, 30 gallons Bromex 11, 30 gallons C-366, 30 gallons C-480 (zinc chloride/sulfuric acid), 50 gallons HS-4230 (sodium hydroxide/sodium tolyltriazole), 180 gallons R-123, and 40 gallons battery electrolytes. No hazardous waste was noted.
2/7/06	Cisco Systems, Inc. (Bldg. 23)	ROI	Note that roof chemicals needed to be re-labeled. No other hazardous materials violations noted.
601 North McCarthy Boulevard			
3/13/06	Maxtor Corporation	Closure Application for Aboveground Hazardous Materials Storage Facilities	Full facility closure for a building that had been non-operations but for which a hazardous materials permit was required due to an emergency generator using diesel fuel. Maxtor was to relinquish the hazardous materials permit responsibility to SanDisk, who will be the future tenant, on March 15, 2006.
8/1/06	SanDisk Corporation	BAF	Form stated that hazardous materials above 55 gallons, 500 pounds, and/or 200 cubic feet were used at the facility and that hazardous waste was generated; no USTs or ASTs were reported. The maximum quantities of hazardous materials listed on the inventory included 2,500 gallons diesel fuel and 24,320 pounds lead/acid batteries. No hazardous wastes were noted.

(continued)

AVAILABLE FILE REVIEW INFORMATION
(CONTINUED)

Document Date	Business Name	Document Type	Information Obtained
900 Sumac Drive			
6/29/06	SanDisk Corporation	BAF	Form stated that hazardous materials above 55 gallons, 500 pounds, and/or 200 cubic feet were used at the facility and that hazardous waste was generated; no USTs or ASTs were reported. The maximum quantities of hazardous materials listed on the inventory included 5.8 gallons compressed nitrogen, 0.25 gallons master polish suspension, 0.35 gallons contact cleaner, 5.81 gallons Freon 14, 0.5 gallons screen ad keyboard cleaner, 4 gallons ammonium fluoride, 3 gallons IPA, 380 pounds Freon 22, 0.25 gallons Liquinox, 1 gallons methanol, 0.25 gallons mechanical pump fluid, 5 gallons colloidal silica suspension, 0.25 gallons soldering flux paste, 0.12 gallons flux remover, 12 gallons argon, 5.81 gallons oxygen, 2.5 gallons post-etch residue remover, 1 gallons positive photoresist remover, 1 gallons ammonium fluoride/hydrofluoric acid, 1 gallon hydrogen peroxide, 1 gallons potassium hydroxide, 3 gallons acetone, 0.08 gallons tetrafluoroethane, 0.07 gallons WD-40, 0.65 gallons nitric acid, 1 pound alumina powder, 0.25 gallons glacial acetic acid, 1 gallon sulfuric acid, 1 gallons hydrofluoric acid, 174 gallons liquid nitrogen, 0.13 gallons diamond suspension, 0.25 gallons isocut fluid, 1 gallons propylene glycol, 2 gallons Galden HT 110, and 0.53 gallons Galden HT90. Hazardous waste included 2 gallons waste corrosive liquid acid, 5 gallons waste corrosive liquid base, and 100 pounds waste flammable solids.
516 Alder Drive, Bldg. #3			
4/5/04	ADAC Laboratories, Inc.	BAF	Form stated that hazardous materials above 55 gallons, 500 pounds, and/or 200 cubic feet were not used at the facility but that hazardous waste was generated; no USTs or ASTs were reported. The maximum quantities of hazardous materials listed on the inventory included 90 ounces spray paint, 5 ounces butane fuel, 32 ounces IPA, 1 liter rosin flux, 1 quart non-acid flux, 1 gallon A-side 314 resin, 64 ounces B-site hardener, 32 ounces contact cement, 2 gallons carpenters glue, 1 gallon metal primer, 1 gallons Rust Mort, 1 gallon spindle oil, 1 gallon heavy way lube, 10 gallons synthetic Teressitic, 2 quarts synthetic gear and bearing oil, 2 pounds various radioactive sources, 140 cubic feet argon, 15 cubic feet oxygen, and 8 cubic feet acetylene.
3/31/06	Phillips ADAC	ROI	Inspection notes included need to have storage cabinets for flammable or combustible liquids with self-closing doors.

(continued)

AVAILABLE FILE REVIEW INFORMATION
(CONTINUED)

Document Date	Business Name	Document Type	Information Obtained
725 Alder Drive			
11/17/05	Cisco Systems Building 20	Hazardous Materials Online Inventory	Hazardous materials listed in the inventory included 660 gallons diesel fuel #2, 30 gallons AA-315, 30 gallons AA-4015 (chloromethylisothiazolinone/copper nitrate trihydrate/magnesium chloride/magnesium nitrate), 30 gallons B-261, 30 gallons Bromex 11, 30 gallons C-366, 30 gallons C-480 (zinc chloride/sulfuric acid), 50 gallons HS-4230 (sodium hydroxide/sodium tolyltriazole), 180 gallons R-123, and 10 gallons MF-62 (sodium hydroxide/sodium nitrite). No hazardous waste was noted.
1/31/06	Cisco Systems (Bldg. 20)	ROI	Testing of the "diesel ford tank monitor" reportedly passed. No hazardous materials violations noted.
771 Alder Drive, Building 21			
1/31/06	Cisco Systems (Bldg. 21)	ROI	Only inspection note was to state that a revised HMBP needed to be submitted.
4/11/06	Cisco Systems	Hazardous Materials Online Inventory	Hazardous materials listed in the inventory included 250 cubic feet helium 30 gallons AA-315, 30 gallons AA-4015 (chloromethylisothiazolinone/copper nitrate trihydrate/magnesium chloride/magnesium nitrate), 30 gallons B-261, 30 gallons C-480 (zinc chloride/sulfuric acid), and 40 gallons battery electrolytes. No hazardous waste was noted.
821 Alder Drive, Building 22			
11/17/05	Cisco Systems	Hazardous Materials Online Inventory	Hazardous materials listed in the inventory included 30 gallons AA-315, 30 gallons AA-4015 (chloromethylisothiazolinone/copper nitrate trihydrate/magnesium chloride/magnesium nitrate), 30 gallons B-261, 30 gallons C-480 (zinc chloride/sulfuric acid), 180 gallons R-123, and 40 gallons sulfuric acid battery electrolyte. No hazardous waste was reported.
1/31/06	Cisco Systems (Bldg. 22)	ROI	No hazardous materials violations noted.

Regulatory Agency Database Review

A summary of the reported facilities identified in the regulatory agency database report appearing to be potentially significant to the project site, with respect to hazardous materials usage/hazardous waste generation, chemical releases to the environment, or significant air emissions, is presented in the table on the following page. The complete regulatory agency database report, including a list of the databases reviewed, the search distances, and a figure showing the business locations with respect to the project site (identified by map ID number), is included in an appendix to this letter.

POTENTIALLY SIGNIFICANT FACILITIES IDENTIFIED IN REGULATORY AGENCY DATABASE REPORT

Facility	Map ID No.	Address	Pertinent Information
Elmwood Men's Correctional Facility/County of Santa Clara	I48/ I49/ I50/ I51/ I52	701 South Abel Street	RCRA small quantity generator with no violations noted. Listed on Haznet database with four records for disposal of 0.003 to 0.863 tons photochemicals/photoprocessing waste, one record for disposal of 0.14 tons oxygenated solvents, one record for disposal of 0.33 tons latex waste, two records for disposal of 0.02 to 0.2 tons off-spec/aged/surplus organics, and one record for disposal of 1.0 ton other inorganic solid waste. Listed on emissions inventory database for 2004 (most recent year data is available) for emission of 2.04 tons total organic hydrocarbon gases, 1.65 tons reactive organic gasses, 0.026 tons carbon monoxide, 0.102 tons NOx, and 0.002 tons particulate matter with 0.001 tons less than 10 um in diameter.
Walgreen's #3671	K56	342 West Calaveras Boulevard	RCRA large quantity generator with no violations noted. Listed on Haznet database with four records for disposal of 3.27 to 13.27 tons photochemicals/photoprocessing waste.
Arco FAC #2121	J58/ J59	43 South Abbott Avenue	Listed on Haznet database with two records for disposal of 0.42 to 1.73 tons unspecified organic liquid mixture and three records for disposal of 0.06 to 2.06 tons unspecified oil-containing waste. Also had four listed CHMIRS incidents for releases in 1989 through 1994; 1994 release reported to be a release of gasoline from a customer drive-off.
Appro International, Inc.	B8	446 South Abbott Avenue	Listed on Haznet database with two records for disposal of 0.25 to 0.6 tons other organic solids, one record for disposal of 0.25 tons unspecified oil-containing waste, and one record for disposal of 0.35 tons waste oil/mixed oil.
KP Corporation	B9	482 South Abbott Avenue	Listed on Haznet database with one record for disposal of 0.43 tons photochemicals/photoprocessing waste.

(continued)

POTENTIALLY SIGNIFICANT FACILITIES IDENTIFIED IN REGULATORY AGENCY DATABASE REPORT (CONTINUED)

Facility	Map ID No.	Address	Pertinent Information
Milpitas Gas Terminal	L73/ L74/ L75/ L76/ orphan	66 Ranch Drive	Listed on AST database as having 4,000 gallons of ASTs. RCRA large quantity generator with no violations noted; generated 3,294 pounds RCRA-classified ignitable hazardous waste and 3,294 pounds RCRA-classified benzene waste in 2003 (most recent year data available). Listed on Haznet database with one record for disposal of 0.22 tons liquids with mercury greater than 20 mg/L, one record for disposal of 10.43 tons aqueous solutions with less than 10% total organic residues, one record for disposal of 0.005 tons liquids with pH less than 2 and containing metals, one record for disposal of 0.075 tons unspecified oil-containing waste, one record for disposal of 0.05 tons unspecified solvent mixture waste, one record for disposal of 0.45 tons other organic solids, one record for disposal of 0.01 tons paint sludge, one record for disposal of 1.25 tons hydrocarbon solvents, and one record for disposal of 0.75 tons unspecified organic liquid mixture. Listed on emissions inventory database for 2004 (most recent year data is available) for emission of 0.003 tons total organic hydrocarbon gases, 0.003 tons reactive organic gasses, 0.008 tons carbon monoxide, 0.036 tons NOx, 0.001 tons SOx and 0.003 tons particulate matter with 0.0029 tons less than 10 um in diameter.

(continued)

POTENTIALLY SIGNIFICANT FACILITIES IDENTIFIED IN REGULATORY AGENCY DATABASE REPORT (CONTINUED)

Facility	Map ID No.	Address	Pertinent Information
KLA-Tencor	C11/ C12	1 Technology Drive	Listed on Haznet database with one record for disposal of 0.13 tons unspecified oil-containing waste, one record for disposal of 0.35 tons waste oil/mixed oil, one record for disposal of 0.145 tons laboratory waste chemicals, and two records for disposal of 0.08 to 0.09 tons off-specification/surplus/aged organics. Listed on emissions inventory database for 2004 (most recent year data is available) for emission of 1.489 tons total organic hydrocarbon gases, 0.799 tons reactive organic gasses, 0.055 tons carbon monoxide, 0.206 tons NOx, and 0.007 tons particulate matter with 0.0068 tons less than 10 um in diameter.
Cisco Systems, Inc.	16	725 Alder Drive	Listed on emissions inventory database for 2004 (most recent year data is available) for emission of 0.01 tons total organic hydrocarbon gases, 0.008 tons reactive organic gasses, 0.029 tons carbon monoxide, 0.132 tons NOx, 0.004 tons SOx, and 0.009 tons particulate matter with 0.0088 tons less than 10 um in diameter.

Conclusions

Railroad Tracks – Railroad spurs or main lines were not observed within ½ mile of the project site at the time of this study.

Hazardous Materials/Waste Pipelines – Based on the data available for this study, the Chevron fuel pipeline, which reportedly transports gasoline and diesel from the refineries in Richmond to the Chevron fuel terminal located in the vicinity of Montague Expressway and McCarthy Boulevard in San Jose (approximately 1.7 miles south of the site), might run beneath Interstate 880 adjacent east of the site. In addition, the Kinder Morgan San Jose Pipeline reportedly terminates at the San Jose Terminal, located approximately 2 miles south of the site, and may be present in the vicinity of the site. We recommend that follow-up with Chevron and Kinder Morgan be performed to confirm the location of their pipelines with respect to the site. If located in the immediate vicinity of the site, evaluation of mitigative measures for potential impacts should be considered.

Due to the presence of the PG&E natural gas facility located approximately ½-mile north by northwest of the site, significant natural gas pipelines also may exist in the immediate vicinity of the project site. We recommend that follow-up with PG&E be performed to ascertain whether significant natural gas lines are present in the immediate vicinity of the project site; if so, evaluation of mitigative measures for potential impacts should be considered

Hazardous Gas Facilities –The MFD does not have a database of registered toxic gas facilities located within the city of Milpitas. Based on review of MFD documents, none appeared to be located within ½-mile radius of the site.

Significant Hazardous Substance Facilities – Of the facilities within an approximately ½-mile radius of the project site appearing likely to use, handle, and/or store significant quantities of hazardous substances, 16 reportedly use/handle/store quantities of hazardous substances requiring hazardous materials/waste oversight by the MFD, with three additional facilities (not having files available at the MFD) reported as generating hazardous wastes in the regulatory agency database report and one additional facility (with no available MFD file) observed to have hazardous materials placarding with values of 3 or greater. Based on the volume, type, and storage locations of materials reportedly present at the 20 facilities, as well as their distance from the project site, 11 appear unlikely to pose a significant threat to residents of the site if a release were to occur. A summary of the facilities for which additional evaluation is recommended is presented in the following table.

VICINITY FACILITIES FOR WHICH ADDITIONAL EVALUATION IS RECOMMENDED

Facility Name	Facility Address	Obtain Current Hazardous Materials Inventory*	T/IH Evaluate Hazardous Materials Inventory
Appro International, Inc.	446 South Abbott Avenue	✓	
KP Corporation	482 South Abbott Avenue	✓	
Citation Press	496 South Abbott Avenue	✓	
Milpitas Gas Terminal	66 Ranch Drive		✓
Cisco Systems	510 and 560 North McCarthy Boulevard and 725, 771, and 821 Alder Drive		✓

* Inventory unavailable at MFD; contact with facility likely needed to obtain current inventory.
T/IH – toxicologist/environmental hygienist

Limitations

The conclusions and recommendations made in this letter regarding potentially significant hazardous substance users within the site vicinity were based on business names/addresses readily observable from accessible public right-of-ways and review of readily available documents containing data collected and/or reported by others at the time this study was performed. Other businesses using hazardous materials may have been located within ½ mile of the site but were not observable or readily identifiable at the time this study was performed; data collected and/or reported by others may or may not have been accurate. The accuracy and completeness of hazardous materials information included in the available regulatory agency files is unknown; more accurate information on types, quantities, and storage conditions of hazardous materials used at vicinity facilities could be obtained through performance of a site reconnaissance and/or interview with the business operators.

The data and conclusions presented in this letter are applicable only to the time this study was performed. Businesses within the site vicinity likely will change over time and this study should be updated as appropriate, to ensure that the most currently available data has been included.

As with all hazardous materials surveys, the extent of information obtained was a function of client demands, time limitations, access limitations, and budgetary constraints.

This letter was prepared for the sole use of David J. Powers and Associates. No warranty, expressed or implied, has been made, except that the services have been performed in accordance with environmental principles generally accepted at this time and location.

Thank you for allowing me to assist you with this project. If you have any questions please do not hesitate to call me.

Sincerely,

Belinda P. Blackie, P.E., R.E.A.
P.E. Number C56448
R.E.A. Number REA-06746

UNIFIED PROGRAM CONSOLIDATED FORM
FACILITY INFORMATION

BUSINESS ACTIVITIES

I. FACILITY IDENTIFICATION

FACILITY ID # *(Agency Use Only)*	1.	EPA ID # (Hazardous Waste Only)	2.
		CAL000101065	

BUSINESS NAME (Same as Facility Name or DBA - Doing Business As) 3.

KLA-Corporation

II. ACTIVITIES DECLARATION

NOTE: If you check YES to any part of this list, please submit the Business Owner/Operator Identification page (OES Form 2730).

Does your facility…		If Yes, please complete these pages of the UPCF…
A. HAZARDOUS MATERIALS Have on site (for any purpose) hazardous materials at or above 55 gallons for liquids, 500 pounds for solids, or 200 cubic feet for compressed gases (include liquids in ASTs and USTs); or the applicable Federal threshold quantity for an extremely hazardous substance specified in 40 CFR Part 355, Appendix A or B; or handle radiological materials in quantities for which an emergency plan is required pursuant to 10 CFR Parts 30, 40 or 70?	☒ YES ☐ NO 4.	HAZARDOUS MATERIALS INVENTORY – CHEMICAL DESCRIPTION (OES 2731)
B. UNDERGROUND STORAGE TANKS (USTs) 1. Own or operate underground storage tanks?	☐ YES ☒ NO 5.	UST FACILITY (Formerly SWRCB Form A) UST TANK (one page per tank) (Formerly Form B)
2. Intend to upgrade existing or install new USTs?	☐ YES ☒ NO 6.	UST FACILITY UST TANK (one per tank) UST INSTALLATION - CERTIFICATE OF COMPLIANCE (one page per tank) (Formerly Form C)
3. Need to report closing a UST?	☐ YES ☒ NO 7.	UST TANK (closure portion – one page per tank)
C. ABOVE GROUND PETROLEUM STORAGE TANKS (ASTs) Own or operate ASTs above these thresholds: ---any tank capacity is greater than 660 gallons, or ---the total capacity for the facility is greater than 1,320 gallons?	☐ YES ☒ NO 8.	NO FORM REQUIRED TO CUPAs
D. HAZARDOUS WASTE 1. Generate hazardous waste?	☒ YES ☐ NO 9.	EPA ID NUMBER – provide at the top of this page
2. Recycle more than 100 kg/month of excluded or exempted recyclable materials (per H&SC §25143.2)?	☐ YES ☒ NO 10.	RECYCLABLE MATERIALS REPORT (one per recycler)
3. Treat hazardous waste on site?	☐ YES ☒ NO 11.	ONSITE HAZARDOUS WASTE TREATMENT – FACILITY (Formerly DTSC Forms 1772) ONSITE HAZARDOUS WASTE TREATMENT – UNIT (one page per unit) (Formerly DTSC Forms 1772 A,B,C,D and L)
4. Treatment subject to financial assurance requirements (for Permit by Rule and Conditional Authorization)?	☐ YES ☒ NO 12.	CERTIFICATION OF FINANCIAL ASSURANCE (Formerly DTSC Form 1232)
5. Consolidate hazardous waste generated at a remote site?	☐ YES ☒ NO 13.	REMOTE WASTE / CONSOLIDATION SITE ANNUAL NOTIFICATION (Formerly DTSC Form 1196)
6. Need to report the closure/removal of a tank that was classified as hazardous waste and cleaned onsite?	☐ YES ☒ NO 14.	HAZARDOUS WASTE TANK CLOSURE CERTIFICATION (Formerly DTSC Form 1249)

E. LOCAL REQUIREMENTS 15.

(You may also be required to provide additional information by your CUPA or local agency.)

UNIFIED PROGRAM CONSOLIDATED FORM
FACILITY INFORMATION

BUSINESS OWNER/OPERATOR IDENTIFICATION

I. IDENTIFICATION

FACILITY ID # (Agency Use Only)	1.	BEGINNING DATE 100.	ENDING DATE 101.
		January 16, 2006	January 16, 2007

BUSINESS NAME (Same as FACILITY NAME or DBA – Doing Business As) 3.	BUSINESS PHONE 102.
KLA-Tencor Corporation	(408) 875-3000

BUSINESS SITE ADDRESS 103.		
1 Technology Drive		
CITY 104.	CA	ZIP CODE 105.
Milpitas		95035
DUN & BRADSTREET 106.		SIC CODE (4 digit #) 107.
		3825
COUNTY 108.		
Santa Clara County		
BUSINESS OPERATOR NAME 109.		BUSINESS OPERATOR PHONE 110.
KLA-Tencor Corporation		(408) 875-3000

II. BUSINESS OWNER

OWNER NAME 111.	OWNER PHONE 112.
KLA-Tencor Corporation	(408) 875-3000
OWNER MAILING ADDRESS 113.	
160 Rio Robles	

CITY 114.	STATE 115.	ZIP CODE 116.
San Jose	CA	95134

III. ENVIRONMENTAL CONTACT

CONTACT NAME 117.	CONTACT PHONE 118.
Vince Staub	(408) 875-3008
CONTACT MAILING ADDRESS 119.	
160 Rio Robles	

CITY 120.	STATE 121.	ZIP CODE 122.
San Jose	CA	95134

IV. EMERGENCY CONTACTS

-PRIMARY-	-SECONDARY-
NAME 123.	NAME 128.
Vince Staub	Jeff Gurule
TITLE 124.	TITLE 129.
Corporate Environmental, Health & Safety Director	Security Manager
BUSINESS PHONE 125.	BUSINESS PHONE 130.
(408) 875-3008	(408) 875-6164
24-HOUR PHONE* 126.	24-HOUR PHONE* 131.
(408) 875-7980	(408) 875-7980
PAGER # 127.	PAGER # 132.
(408) 210-2181	

ADDITIONAL LOCALLY COLLECTED INFORMATION: 133.

Property Owner: **KLA-Tencor Corporation (Attn: Facilities Director)** Phone No.: **(408) 875-5500**

Billing Address: **160 Rio Robles, San Jose, CA 95134**

Certification: Based on my inquiry of those individuals responsible for obtaining the information, I certify under penalty of law that I have personally examined and am familiar with the information submitted and believe the information is true, accurate, and complete.

SIGNATURE OF OWNER/OPERATOR OR DESIGNATED REPRESENTATIVE	DATE 134.	NAME OF DOCUMENT PREPARER 135.
	1/16/06	Jim Peña, Environmental Engineer
NAME OF SIGNER (print) 136.	TITLE OF SIGNER	137.
VINCE STAUB, REA	SR. DIR. EHS & RISK	

* See Instructions on next page.

Date: 01/16/06

Non-Waste Hazardous Materials Inventory Statement

For use by Unidocs Member Agencies or where approved by your Local Jurisdiction

Business Name: KLA-Tencor Corporation (Same as Facility Name or DBA)

Type of Report on This Page: ☐ Add; ☐ Delete; ☒ Revise

Page 3 of 12 (One page per building or area)

Chemical Location: Bldg 1/ Area A & B (Building/Storage Area)

EPCRA Confidential Location? ☐ Yes; ☒ No
Trade Secret Information? ☐ Yes; ☒ No

Facility ID # (Agency Use Only)

1. Haz. Class	2. Map and Grid or Location Code	3. Common Name	4. Hazardous Components (For mixtures only) Chemical Name	% Wt.	EHS	CAS No.	5. Type and Physical State	6. Quantities Max. Daily	Average Daily	Largest Cont.	7. Units	8. Storage Codes Storage Pressure	Storage Temp.	9. Hazard Categories
CMBL, CL II	Map 2, Area A	Diesel Fuel	Diesel Fuel (Hydrocarbons & Additives)	100	☐	68334-30-5	☒ pure ☐ mixture	660	660	660	☒ gallons ☐ pounds ☐ cu. feet ☐ tons	☒ ambient ☐ > amb. ☐ < amb.	☒ ambient ☐ > amb. ☐ < amb. ☐ cryogenic	☒ fire ☐ reactive ☐ pressure ☐ acute he ☒ chronic h. ☐ radioactive
		CAS No.: 68334-30-5 ☐ EHS					☐ solid ☒ liquid ☐ gas	Curies: (If radioactive)	Days On Site: 365	Storage Container:* A				
Inert Non-FL Gas	Map 2, Area B	Nitrogen Gas	Nitrogen Gas, Compressed	>99	☐	7727-37-9	☒ pure ☐ mixture	1,820	1,216	A	☐ gallons ☐ pounds ☒ cu. feet ☐ tons	☒ ambient ☐ > amb. ☐ < amb.	☒ ambient ☐ > amb. ☐ < amb. ☐ cryogenic	☐ fire ☐ reactive ☒ pressure release ☒ acute health ☒ chronic health ☐ radioactive
		CAS No.: 7727-37-9 ☐ EHS					☐ solid ☐ liquid ☒ gas	Curies: (If radioactive)	Days On Site: 365	Storage Container:* L				
Inert Non-FL Gas	Map 2, Area C	Innergen Gas, Compressed	Argon Gas	39.4	☐	7440-37-1	☐ pure ☒ mixture	18,270	18,270	435	☐ gallons ☐ pounds ☒ cu. feet ☐ tons	☒ ambient ☐ > amb. ☐ < amb.	☒ ambient ☐ > amb. ☐ < amb. ☐ cryogenic	☐ fire ☐ reactive ☒ pressure release ☐ acute health ☐ chronic health ☐ radioactive
			Nitrogen Gas	52.2	☐	7727-37-9								
			Carbon Dioxide Gas	8.4	☐	7782-44-7	☐ solid ☐ liquid ☒ gas	Curies: (If radioactive)	Days On Site: 365	Storage Container:* L				
		CAS No.: ☐ EHS												
COR	Map 2, Area C	Electrolyte Solution (Battery)	Lead	60-75	☐	7439-92-1	☐ pure ☒ mixture	175	175	1.46	☒ gallons ☐ pounds ☐ cu. feet ☐ tons	☒ ambient ☐ > amb. ☐ < amb.	☒ ambient ☐ > amb. ☐ < amb. ☐ cryogenic	☐ fire ☒ reactive ☐ pressure release ☒ acute health ☒ chronic he ☐ radioact
			Sulfuric Acid	17-30	☒	7664-93-9								
		CAS No.: ☐ EHS					☐ solid ☒ liquid ☐ gas	Curies: (If radioactive)	Days On Site: 365	Storage Container:* R				
FL Liquid	Map 2, Area C	Propane	Propane	87-100	☐		☐ pure ☒ mixture	60	30	15	☒ gallons ☐ pounds ☐ cu. feet ☐ tons	☐ ambient ☒ > amb. ☐ < amb.	☒ ambient ☐ > amb. ☐ < amb. ☐ cryogenic	☒ fire ☐ reactive ☒ pressure release ☒ acute health ☒ chronic health ☐ radioactive
			Ethane	0-7	☐									
			Propylene	0-5	☐		☐ solid ☒ liquid ☐ gas	Curies: (If radioactive)	Days On Site: 365	Storage Container:* L				
		CAS No.: ☐ EHS	Butanes	0-2.5	☐									
			Ethyl Mercaptan	<0.1	☐									
					☐		☐ pure ☐ mixture				☐ gallons ☐ pounds ☐ cu. feet ☐ tons	☐ ambient ☐ > amb. ☐ < amb.	☐ ambient ☐ > amb. ☐ < amb. ☐ cryogenic	☐ fire ☐ reactive ☐ pressure release ☐ acute health ☐ chronic health ☐ radioactive
					☐									
					☐		☐ solid ☐ liquid ☐ gas	Curies: (If radioactive)	Days On Site:	Storage Container:*				
		CAS No.: ☐ EHS			☐									

* Storage Type Codes

Code	Storage Type	Code	Storage Type	Code	Storage Type	Code	Storage Type	Code	Storage Type	Code	Storage Type
A	Aboveground Tank	D	Steel Drum	G	Carboy	J	Bag	M	Glass Bottle or Jug	P	Tank Wagon
B	Belowground Tank	E	Plastic/Non-metallic Drum	H	Silo	K	Box	N	Plastic Bottle or Jug	Q	Rail Car
C	Tank Inside Building	F	Can	I	Fiber Drum	L	Cylinder	O	Tote Bin	R	Other

If EPCRA, sign below:

Date: 01/06/06

Hazardous Waste Inventory Statement

For use by Unidocs Member Agencies or where approved by your Local Jurisdiction

Business Name: KLA-Tencor Corporation (Same as Facility Name or DBA)

Type of Report on This Page: ☐ Add; ☐ Delete; ☒ Revise

Chemical Location: Bldg 1/Area A (Building/Storage Area)

EPCRA Confidential Location? ☐ Yes; ☒ No

Trade Secret Information? ☐ Yes; ☒ No

Facility ID # (Agency Use Only)

1. Haz. Class	2. Map and Grid or Location Code	3. Waste Stream Name	4. Hazardous Components: Chemical Name	% Wt.	EHS	CAS No.	5. Type and Physical State	6. Quantities: Max. Daily	Average Daily	Largest Cont.	7. Annual Waste Amount	8. Units	9. Storage Codes: Storage Pressure	Storage Temp.	10. Hazard Categories
CL	Map 2, Area D	Waste Oil	Waste Oil	100	☐		☒ waste	55	15	55	115	☒ gallons ☐ pounds ☐ cu. feet ☐ tons	☒ ambient ☐ > amb. ☐ < amb.	☒ ambient ☐ > amb. ☐ < amb. ☐ cryogenic	☒ fire ☐ reactive ☐ pressure ☐ acute hea ☒ chronic heath ☐ radioactive
		Management Method: ☒ Shipped Off-site ☐ Recycled On-site ☐ Treated On-site					☐ solid ☒ liquid ☐ gas	Curies: (If radioactive)	Days On Site: 365	Storage Container:* D	State Waste Code: 221				
FL	Map 2, Area D	Waste Isopropyl Alcohol	Waste Isopropyl Alcohol	99	☐	67-630	☒ waste	5	1	5	5	☒ gallons ☐ pounds ☐ cu. feet ☐ tons	☒ ambient ☐ > amb. ☐ < amb.	☒ ambient ☐ > amb. ☐ < amb. ☐ cryogenic	☒ fire ☐ reactive ☐ pressure release ☐ acute health ☒ chronic health ☐ radioactive
		Management Method: ☒ Shipped Off-site ☐ Recycled On-site ☐ Treated On-site					☐ solid ☒ liquid ☐ gas	Curies: (If radioactive)	Days On Site: 365	Storage Container:* D	State Waste Code: 213				
FL	Map 2, Area D	Waste Methanol	Waste Methanol	99	☐	67-56-1	☒ waste	5	1	5	5	☒ gallons ☐ pounds ☐ cu. feet ☐ tons	☒ ambient ☐ > amb. ☐ < amb.	☒ ambient ☐ > amb. ☐ < amb. ☐ cryogenic	☒ fire ☐ reactive ☐ pressure release ☐ acute health ☒ chronic health ☐ radioactive
		Management Method: ☒ Shipped Off-site ☐ Recycled On-site ☐ Treated On-site					☐ solid ☒ liquid ☐ gas	Curies: (If radioactive)	Days On Site: 365	Storage Container:* D	State Waste Code:				
					☐		☒ waste					☐ gallons ☐ pounds ☐ cu. feet ☐ tons	☐ ambient ☐ > amb. ☐ < amb.	☐ ambient ☐ > amb. ☐ < amb. ☐ cryogenic	☐ fire ☐ reactive ☐ pressure release ☐ acute health ☐ chronic h ☐ radioact
		Management Method: ☐ Shipped Off-site ☐ Recycled On-site ☐ Treated On-site					☐ solid ☐ liquid ☐ gas	Curies: (If radioactive)	Days On Site:	Storage Container:*	State Waste Code:				
					☐		☒ waste					☐ gallons ☐ pounds ☐ cu. feet ☐ tons	☐ ambient ☐ > amb. ☐ < amb.	☐ ambient ☐ > amb. ☐ < amb. ☐ cryogenic	☐ fire ☐ reactive ☐ pressure release ☐ acute health ☐ chronic health ☐ radioactive
		Management Method: ☐ Shipped Off-site ☐ Recycled On-site ☐ Treated On-site					☐ solid ☐ liquid ☐ gas	Curies: (If radioactive)	Days On Site:	Storage Container:*	State Waste Code:				
					☐		☒ waste					☐ gallons ☐ pounds ☐ cu. feet ☐ tons	☐ ambient ☐ > amb. ☐ < amb.	☐ ambient ☐ > amb. ☐ < amb. ☐ cryogenic	☐ fire ☐ reactive ☐ pressure release ☐ acute health ☐ chronic health ☐ radioactive
		Management Method: ☐ Shipped Off-site ☐ Recycled On-site ☐ Treated On-site					☐ solid ☐ liquid ☐ gas	Curies: (If radioactive)	Days On Site:	Storage Container:*	State Waste Code:				

* Storage Type Codes

Code	Storage Type	Code	Storage Type	Code	Storage Type	Code	Storage Type	Code	Storage Type	Code	Storage Type
A	Aboveground Tank	D	Steel Drum	G	Carboy	J	Bag	M	Glass Bottle or Jug	P	Tank Wagon
B	Belowground Tank	E	Plastic/Nonmetallic Drum	H	Silo	K	Box	N	Plastic Bottle or Jug	Q	Rail Car
C	Tank Inside Building	F	Can	I	Fiber Drum	L	Cylinder	O	Tote Bin	R	Other

If EPCRA, sign below:

MILPITAS FIRE DEPARTMENT
HAZARDOUS MATERIALS & ENVIRONMENTAL SERVICES UNIT
HAZARDOUS MATERIALS INSPECTION REPORT
CALIFORNIA FIRE CODE, 2001
MILPITAS MUNICIPAL CODE, TITLE V, CHAPTER 300

Fire Department Number
96-0620

Inspection Date 01/24/06

KLA TENCOR
00001 Technology Dr
Milpitas, Ca 95035

Vince Staub (408) 875 - 3008 ext.
Contact Phone Number

Permitted Activities:

HM	CG										

MRI	KX	EL	FA	HS	HD	OS	SS
	KX	EL				OS	SS

The Milpitas Fire Department conducted a Hazardous Materials inspection at the above address. This notice identifies code violations and the minimum requirements necessary to comply. Items marked with an "X" below will require your attention to come into compliance. Additional information may be written on this notice by the Inspector to provide you with direction for compliance.

		Date Abated
☐	1. Storage cabinets for flammable or combustible liquids shall have well fitted, self closing doors with a latching device; labeled "FLAMMABLE-KEEP FIRE AWAY"; bottom 2 inches liquid tight. [CFC 7902.5.9.3]	
☐	2. All flammable and combustible liquids in excess of maintenance and work station amounts (10 gallons) shall be located in an approved storage cabinet. Volumes stored shall not exceed those permitted by the Fire Code. [CFC 7902.5.8]	
☐	3. Empty tanks and containers previously used for flammable and combustible liquids unless free from explosive vapors, shall be stored as full with cover or plugs in place. [CFC 7902.5.3]	
☐	4. Storage of class I, II, or IIIA liquids shall not be near exit doorways, stairways or a location which may impede egress. [CFC 7902.5.5]	
☐	5. Dispensing of class I liquids is only allowed from approved safety cans or original containers. [CFC 7903.1.3.5]	
☐	6. Class IA flammable liquids shall not be dispensed by gravity from tanks. [CFC 7903.1.3.5]	
☐	7. When a flammable mixture is transferred from one container to another one shall be grounded. Piping systems shall be permanently grounded. [CFC 7903.2.1.3]	
☐	8. Storage cabinets for hazardous materials liquids shall have well fitted, self closing doors equipped with a self latching device; bottom 2 inches liquid tight and labeled "HAZARDOUS-KEEP FIRE AWAY". [CFC 8001.10.6.2]	
☐	9. Secondary containment is required for areas where hazardous materials are stored. [CFC 8001.11.11 as amended by MMC V-300-2.81]	
☐	10. Individual storage areas shall have dedicated drainage to prevent mixing of incompatible materials. [CFC 8003.1.3.3]	
☐	11. Containers previously containing a regulated material shall not be used to store a different material unless container is cleaned in an approved manner and properly labeled for new contents. [CFC 8001.4.6]	
☐	12. All containers in storage shall be arranged in an approved manner, non-compatibles separated (flammables, corrosives, oxidizers, etc.). [CFC 8001.11.8]	
☐	13. Signs prohibiting smoking shall be provided in storage areas and within 25 feet of outdoor storage areas. [CFC 8001.8; 8003.1.2]	
☐	14. Gas cylinders shall be properly identified, located, and secured. [CFC 7401.5.1; 7401.6.4]	
☐	15. Empty containers and tanks previously used for the storage of hazardous materials shall be free from residual materials and vapor as defined by DOT, RCRA or other regulating authority or maintained as specified for the storage of hazardous materials. [CFC 8001.4.6]	
☐	16. Open flames & high-temperature devices shall not be used in a manner which creates a hazardous condition. [CFC 8001.9]	

Fire Department Number 96-0620

17. Material Safety Data Sheets (MSDS) shall be available at the facility for all materials present. [CFC 8001.6] _____

☐ 18. All regulated material waste shall be disposed of in an approved manner. Hazardous materials shall not be released into the sewer, storm drain, ditch, drainage canal, lake, river, or tidal waterway, or upon the ground, sidewalk, street, highway or into the atmosphere. [CFC 8001.5.1] _____

☐ 19. Individual containers, cartons, packages shall be conspicuously marked or labeled in accordance with nationally recognized standards. [CFC 8001.8] _____

☐ 20. Entrances to areas where hazardous materials are stored, and stationary above ground tanks shall be placarded with NFPA 704 Hazard Signal System for the material(s) contained. [CFC 8001.7 , 8003.1.2] _____

☐ 21. All above ground piping shall be properly secured and labeled identifying product and direction of flow every 20 feet. [CFC 8001.4.3.2 as amended by MMC-V-300-2.52] _____

☐ 22. Process equipment shall be maintained as designed to prevent accidental discharge of hazardous materials. [CFC 8001.4.7.1] _____

☐ 23. A (revised) Hazardous Materials Business Plan shall be submitted within 10 days.[CFC 8001.3.2] _____

☐ 24. A monitoring method capable of detecting hazardous material leakage from the primary containment into the secondary containment shall be provided. [CFC 8001.11.10 as amended by MMC-V-300-2.80] _____

☐ 25. Routine inspections of all hazardous materials storage areas and spills of hazardous materials shall be recorded, on a weekly basis, on a monitoring log. [CFC 8001.11.10] _____

☐ 26. All processes new to the facility shall have Fire Department approval prior to installation and use. [CFC 8001.3.1] _____

☐ 27. A permit is required to install, repair, abandon, remove, place temporarily out of service, close or substantially modify a storage facility. [CFC 8001.3.1] _____

DDITIONAL VIOLATIONS:

☐ See supplemental sheet for additional violations.

RDERS:

__ 1. _____ _____

__ 2. _____ _____

OMMENTS:

_____

_____

_____

EFERRALS:

our facility will be referred to the following agency(s) for items noted during this inspection which are beyond the scope of this inspection:

_____

☒ **No Hazardous Material violations were observed during the initial inspection.**

r your information: If your business handles hazardous waste, Santa Clara County Hazardous Materials Compliance Division may perform inspection of your business. For more information, contact 918-3400.

necessary, a 1st and 2nd re-inspection shall be conducted on or about 30 days from the initial inspection and 15 days from the 1st inspection respectively to determine if violation(s) noted above have been corrected and/or orders have been complied with.

ilure to comply with orders and correct violations may render you liable to the penalties as set forth by law, including, but not ited to, administrative, civil and/or criminal citations.

e Fire Department prefers compliance be obtained through the willingness of an individual to comply, and as always, remains ready to assist his process. If you have any questions or wish to discuss this matter, please contact this office at (408) 586-3365.

ceived By: _____ Inspector: Clare Conlon

Milpitas Fire Department, Bureau of Fire Prevention, 455 E. Calaveras Blvd., Milpitas, CA 95035
Phone (408) 586-3365 FAX (408) 586-3378

Distribution: WHITE - Fire Department Address File
YELLOW - Business Responsible

UNIFIED PROGRAM CONSOLIDATED FORM
FACILITY INFORMATION

BUSINESS ACTIVITIES

I. FACILITY IDENTIFICATION

FACILITY ID # *(Agency Use Only)*	1.	EPA ID # (Hazardous Waste Only)	2.
		CAL000101065	

BUSINESS NAME (Same as Facility Name or DBA - Doing Business As) 3.

KLA-Corporation

II. ACTIVITIES DECLARATION

NOTE: If you check YES to any part of this list, please submit the Business Owner/Operator Identification page (OES Form 2730).

Does your facility...		If Yes, please complete these pages of the UPCF...
A. HAZARDOUS MATERIALS Have on site (for any purpose) hazardous materials at or above 55 gallons for liquids, 500 pounds for solids, or 200 cubic feet for compressed gases (include liquids in ASTs and USTs); or the applicable Federal threshold quantity for an extremely hazardous substance specified in 40 CFR Part 355, Appendix A or B; or handle radiological materials in quantities for which an emergency plan is required pursuant to 10 CFR Parts 30, 40 or 70?	☒ YES ☐ NO 4.	HAZARDOUS MATERIALS INVENTORY – CHEMICAL DESCRIPTION (OES 2731)
B. UNDERGROUND STORAGE TANKS (USTs) 1. Own or operate underground storage tanks?	☐ YES ☒ NO 5.	UST FACILITY (Formerly SWRCB Form A) UST TANK (one page per tank) (Formerly Form B)
2. Intend to upgrade existing or install new USTs?	☐ YES ☒ NO 6.	UST FACILITY UST TANK (one per tank) UST INSTALLATION - CERTIFICATE OF COMPLIANCE (one page per tank) (Formerly Form C)
3. Need to report closing a UST?	☐ YES ☒ NO 7.	UST TANK (closure portion – one page per tank)
C. ABOVE GROUND PETROLEUM STORAGE TANKS (ASTs) Own or operate ASTs above these thresholds: ---any tank capacity is greater than 660 gallons, or ---the total capacity for the facility is greater than 1,320 gallons?	☐ YES ☒ NO 8.	NO FORM REQUIRED TO CUPAs
D. HAZARDOUS WASTE 1. Generate hazardous waste?	☐ YES ☒ NO 9.	EPA ID NUMBER – provide at the top of this page
2. Recycle more than 100 kg/month of excluded or exempted recyclable materials (per H&SC §25143.2)?	☐ YES ☒ NO 10.	RECYCLABLE MATERIALS REPORT (one per recycler)
3. Treat hazardous waste on site?	☐ YES ☒ NO 11.	ONSITE HAZARDOUS WASTE TREATMENT – FACILITY (Formerly DTSC Forms 1772) ONSITE HAZARDOUS WASTE TREATMENT – UNIT (one page per unit) (Formerly DTSC Forms 1772 A,B,C,D and L)
4. Treatment subject to financial assurance requirements (for Permit by Rule and Conditional Authorization)?	☐ YES ☒ NO 12.	CERTIFICATION OF FINANCIAL ASSURANCE (Formerly DTSC Form 1232)
5. Consolidate hazardous waste generated at a remote site?	☐ YES ☒ NO 13.	REMOTE WASTE / CONSOLIDATION SITE ANNUAL NOTIFICATION (Formerly DTSC Form 1196)
6. Need to report the closure/removal of a tank that was classified as hazardous waste and cleaned onsite?	☐ YES ☒ NO 14.	HAZARDOUS WASTE TANK CLOSURE CERTIFICATION (Formerly DTSC Form 1249)

E. LOCAL REQUIREMENTS 15.

(You may also be required to provide additional information by your CUPA or local agency.)

UNIFIED PROGRAM CONSOLIDATED FORM

FACILITY INFORMATION

BUSINESS OWNER/OPERATOR IDENTIFICATION

I. IDENTIFICATION

FACILITY ID # (Agency Use Only)	1.	BEGINNING DATE 100.	ENDING DATE 101.
		January 16, 2006	January 16, 2007

BUSINESS NAME (Same as FACILITY NAME or DBA – Doing Business As) 3.	BUSINESS PHONE 102.
KLA-Tencor Corporation	(408) 875-3000

BUSINESS SITE ADDRESS 103.		
3 Technology Drive		
CITY 104.	CA	ZIP CODE 105.
Milpitas		95035
DUN & BRADSTREET 106.		SIC CODE (4 digit #) 107.
		3825
COUNTY 108.		
Santa Clara County		
BUSINESS OPERATOR NAME 109.		BUSINESS OPERATOR PHONE 110.
KLA-Tencor Corporation		(408) 875-3000

II. BUSINESS OWNER

OWNER NAME 111.	OWNER PHONE 112.
KLA-Tencor Corporation	(408) 875-3000
OWNER MAILING ADDRESS 113.	
160 Rio Robles	

CITY 114.	STATE 115.	ZIP CODE 116.
San Jose	CA	95134

III. ENVIRONMENTAL CONTACT

CONTACT NAME 117.	CONTACT PHONE 118.
Vince Staub	(408) 875-3008
CONTACT MAILING ADDRESS 119.	
160 Rio Robles	

CITY 120.	STATE 121.	ZIP CODE 122.
San Jose	CA	95134

IV. EMERGENCY CONTACTS

-PRIMARY-	-SECONDARY-
NAME 123.	NAME 128.
Vince Staub	Jeff Gurule
TITLE 124.	TITLE 129.
Corporate Environmental, Health & Safety Director	Security Manager
BUSINESS PHONE 125.	BUSINESS PHONE 130.
(408) 875-3008	(408) 875-6164
24-HOUR PHONE* 126.	24-HOUR PHONE* 131.
(408) 875-7980	(408) 875-7980
PAGER # 127.	PAGER # 132.
(408) 210-2181	

ADDITIONAL LOCALLY COLLECTED INFORMATION: 133.

Property Owner: **KLA-Tencor Corporation (Attn: Facilities Director)** Phone No.: **(408) 875-5500**

Billing Address: **160 Rio Robles, San Jose, CA 95134**

Certification: Based on my inquiry of those individuals responsible for obtaining the information, I certify under penalty of law that I have personally examined and am familiar with the information submitted and believe the information is true, accurate, and complete.

SIGNATURE OF OWNER/OPERATOR OR DESIGNATED REPRESENTATIVE	DATE 134.	NAME OF DOCUMENT PREPARER 135.
[signature]	1/16/06	Jim Peña, Environmental Engineer
NAME OF SIGNER (print) 136.	TITLE OF SIGNER	137.
VINCE STAUB, REA	SR. DIR. EHS & RISK	

* See Instructions on next page.

Date: 01/16/07

Non-Waste Hazardous Materials Inventory Statement

For use by Unidocs Member Agencies or where approved by your Local Jurisdiction

Business Name: KLA-Tencor Corporation (Same as Facility Name or DBA)

Type of Report on This Page: ☐ Add; ☐ Delete; ☒ Revise

Chemical Location: Bldg 3/ Area A, B & C (Building/Storage Area)

EPCRA Confidential Location? ☐ Yes; ☒ No

Trade Secret Information? ☐ Yes; ☒ No

Facility ID # (Agency Use Only)

1. Haz. Class	2. Map and Grid or Location Code	3. Common Name	4. Hazardous Components (For mixtures only) Chemical Name	% Wt.	EHS	CAS No.	5. Type and Physical State	6. Quantities Max. Daily	Average Daily	Largest Cont.	7. Units	8. Storage Codes Storage Pressure	Storage Temp.	9. Hazard Categori
CMBL, CL II	Storage Map, Area A	Diesel Fuel	Diesel Fuel (Hydrocarbons & Additives)	100	☐	68334-30-5	☒ pure ☐ mixture	250	250	660	☒ gallons ☐ pounds ☐ cu. feet ☐ tons	☒ ambient ☐ > amb. ☐ < amb.	☒ ambient ☐ > amb. ☐ < amb. ☐ cryogenic	☒ fire ☐ reactive ☐ pressure ☒ chronic he ☐ radioactive
		CAS No.: 68334-30-5 ☐ EHS					☐ solid ☒ liquid ☐ gas	Curies: (If radioactive)	Days On Site: 365	Storage Container:* A				
Inert	Storage Map, Area B	Nitrogen Gas	Nitrogen Gas, Compressed	>99	☐	7727-37-9	☒ pure ☐ mixture	1,600	1,200	300	☐ gallons ☐ pounds ☒ cu. feet ☐ tons	☐ ambient ☒ > amb. ☐ < amb.	☒ ambient ☐ > amb. ☐ < amb. ☐ cryogenic	☐ fire ☐ reactive ☒ pressure re ☒ acute healt ☒ chronic he ☐ radioactive
		CAS No.: 7727-37-9 ☐ EHS					☐ solid ☐ liquid ☒ gas	Curies: (If radioactive)	Days On Site: 365	Storage Container:* L				
FL Liquid	Storage Map, Area C	Propane	Propane	87-100	☐	74-98-6	☐ pure ☒ mixture	100	80	10	☒ gallons ☐ pounds ☐ cu. feet ☐ tons	☐ ambient ☒ > amb. ☐ < amb.	☒ ambient ☐ > amb. ☐ < amb. ☐ cryogenic	☐ fire ☐ reactive ☒ pressure re ☒ acute healt ☒ chronic he ☐ radioactive
		CAS No.: ☐ EHS	Ethane	0-7	☐	74-84-0								
			Propylene	0-5	☐	115-07-1	☐ solid ☒ liquid ☐ gas	Curies: (If radioactive)	Days On Site: 365	Storage Container:* L				
			Butanes	0-2.5	☐	106-97-8								
			Ethyl Mercaptan	< 0.1	☐	75-08								
Inert	Storage Map, Area D	Nitrogen Gas	Nitrogen Gas, Compressed	>99	☐	7727-37-9	☒ pure ☐ mixture	230	230	230	☐ gallons ☐ pounds ☒ cu. feet ☐ tons	☐ ambient ☒ > amb. ☐ < amb.	☐ ambient ☐ > amb. ☐ < amb. ☐ cryogenic	☐ fire ☐ reactive ☒ pressure re ☒ acute healt ☒ chronic ☐ radioact
		CAS No.: 7727-37-9 ☐ EHS					☐ solid ☐ liquid ☐ gas	Curies: (If radioactive)	Days On Site: 365	Storage Container:* L				
					☐		☐ pure ☐ mixture				☐ gallons ☐ pounds ☐ cu. feet ☐ tons	☐ ambient ☐ > amb. ☐ < amb.	☐ ambient ☐ > amb. ☐ < amb. ☐ cryogenic	☐ fire ☐ reactive ☐ pressure re ☐ acute healt ☐ chronic he ☐ radioactiv
		CAS No.: ☐ EHS					☐ solid ☐ liquid ☐ gas	Curies: (If radioactive)	Days On Site:	Storage Container:*				
					☐		☐ pure ☐ mixture				☐ gallons ☐ pounds ☐ cu. feet ☐ tons	☐ ambient ☐ > amb. ☐ < amb.	☐ ambient ☐ > amb. ☐ < amb. ☐ cryogenic	☐ fire ☐ reactive ☐ pressure re ☐ acute healt ☐ chronic he ☐ radioactiv
		CAS No.: ☐ EHS					☐ solid ☐ liquid ☐ gas	Curies: (If radioactive)	Days On Site:	Storage Container:*				

* Storage Container Codes

Code	Storage Type	Code	Storage Type	Code	Storage Type	Code	Storage Type	Code	Storage Type	Code	Storage Type
A	Aboveground Tank	D	Steel Drum	G	Carboy	J	Bag	M	Glass Bottle or Jug	P	Tank Wagon
B	Belowground Tank	E	Plastic/Non-metallic Drum	H	Silo	K	Box	N	Plastic Bottle or Jug	Q	Rail Car
C	Tank Inside Building	F	Can	I	Fiber Drum	L	Cylinder	O	Tote Bin	R	Other

If EPCRA, sign below:

Date: 01/16/07

Hazardous Waste Inventory Statement

For use by Unidocs Member Agencies or where approved by your Local Jurisdiction

Business Name: KLA-Tencor Corporation
(Same as Facility Name or DBA)

Type of Report on This Page: ☐ Add; ☐ Delete; ☒ Revise

Page 4 of 12
(One page per building or area)

Chemical Location:
(Building/Storage Area)

EPCRA Confidential Location? ☐ Yes; ☒ No
Trade Secret Information? ☐ Yes; ☒ No

Facility ID #
(Agency Use Only)

1. Haz. Class	2. Map and Grid or Location Code	3. Waste Stream Name	4. Hazardous Components: Chemical Name	% Wt.	EHS	CAS No.	5. Type and Physical State	6. Quantities: Max. Daily	Average Daily	Largest Cont.	7. Annual Waste Amount	8. Units	9. Storage Codes: Storage Pressure	Storage Temp.	10. Hazard Categories
					☐		☒ waste					☒ gallons ☐ pounds ☐ cu. feet ☐ tons	☒ ambient ☐ > amb. ☐ < amb.	☒ ambient ☐ > amb. ☐ < amb. ☐ cryogenic	☒ fire ☐ reactive ☐ pressure ☐ acute hea ☒ chronic health ☐ radioactive
		Management Method: ☐ Shipped Off-site ☐ Recycled On-site ☐ Treated On-site			☐		☐ solid ☒ liquid ☐ gas	Curies: (If radioactive)	Days On Site: 365	Storage Container:*	State Waste Code:				
					☐		☒ waste				5	☒ gallons ☐ pounds ☐ cu. feet ☐ tons	☒ ambient ☐ > amb. ☐ < amb.	☒ ambient ☐ > amb. ☐ < amb. ☐ cryogenic	☒ fire ☐ reactive ☐ pressure release ☐ acute health ☒ chronic health ☐ radioactive
		Management Method: ☒ Shipped Off-site ☐ Recycled On-site ☐ Treated On-site			☐		☐ solid ☒ liquid ☐ gas	Curies: (If radioactive)	Days On Site: 365	Storage Container:* D	State Waste Code: 213				
					☐		☒ waste	5	1	5	5	☒ gallons ☐ pounds ☐ cu. feet ☐ tons	☒ ambient ☐ > amb. ☐ < amb.	☒ ambient ☐ > amb. ☐ < amb. ☐ cryogenic	☒ fire ☐ reactive ☐ pressure release ☐ acute health ☒ chronic health ☐ radioactive
		Management Method: ☒ Shipped Off-site ☐ Recycled On-site ☐ Treated On-site			☐		☐ solid ☒ liquid ☐ gas	Curies: (If radioactive)	Days On Site: 365	Storage Container:* D	State Waste Code:				
					☐		☒ waste					☐ gallons ☐ pounds ☐ cu. feet ☐ tons	☐ ambient ☐ > amb. ☐ < amb.	☐ ambient ☐ > amb. ☐ < amb. ☐ cryogenic	☐ fire ☐ reactive ☐ pressure release ☐ acute health ☐ chronic health ☐ radioact
		Management Method: ☐ Shipped Off-site ☐ Recycled On-site ☐ Treated On-site			☐		☐ solid ☐ liquid ☐ gas	Curies: (If radioactive)	Days On Site:	Storage Container:*	State Waste Code:				
					☐		☒ waste					☐ gallons ☐ pounds ☐ cu. feet ☐ tons	☐ ambient ☐ > amb. ☐ < amb.	☐ ambient ☐ > amb. ☐ < amb. ☐ cryogenic	☐ fire ☐ reactive ☐ pressure release ☐ acute health ☐ chronic health ☐ radioactive
		Management Method: ☐ Shipped Off-site ☐ Recycled On-site ☐ Treated On-site			☐		☐ solid ☐ liquid ☐ gas	Curies: (If radioactive)	Days On Site:	Storage Container:*	State Waste Code:				
					☐		☒ waste					☐ gallons ☐ pounds ☐ cu. feet ☐ tons	☐ ambient ☐ > amb. ☐ < amb.	☐ ambient ☐ > amb. ☐ < amb. ☐ cryogenic	☐ fire ☐ reactive ☐ pressure release ☐ acute health ☐ chronic health ☐ radioactive
		Management Method: ☐ Shipped Off-site ☐ Recycled On-site ☐ Treated On-site			☐		☐ solid ☐ liquid ☐ gas	Curies: (If radioactive)	Days On Site:	Storage Container:*	State Waste Code:				

* Storage Container Codes

Code	Storage Type	Code	Storage Type	Code	Storage Type	Code	Storage Type	Code	Storage Type	Code	Storage Type
A	Aboveground Tank	D	Steel Drum	G	Carboy	J	Bag	M	Glass Bottle or Jug	P	Tank Wagon
B	Belowground Tank	E	Plastic/Nonmetallic Drum	H	Silo	K	Box	N	Plastic Bottle or Jug	Q	Rail Car
C	Tank Inside Building	F	Can	I	Fiber Drum	L	Cylinder	O	Tote Bin	R	Other

If EPCRA, sign below:

MILPITAS FIRE DEPARTMENT
HAZARDOUS MATERIALS & ENVIRONMENTAL SERVICES UNIT
HAZARDOUS MATERIALS INSPECTION REPORT
CALIFORNIA FIRE CODE, 2001
MILPITAS MUNICIPAL CODE, TITLE V, CHAPTER 300

Fire Department Number
96-0621

Inspection Date 01/24/06

KLA TENCOR
00003 Technology Dr
Milpitas, Ca 95035

Vince Staub (408) 875 - 3008 ext.
Contact Phone Number

Permitted Activities:

HM	MRI	KX	EL	FA	HS	HD	OS	SS
X		KX	EL				OS	SS

The Milpitas Fire Department conducted a Hazardous Materials inspection at the above address. This notice identifies code violations and the minimum requirements necessary to comply. Items marked with an "X" below will require your attention to come into compliance. Additional information may be written on this notice by the Inspector to provide you with direction for compliance.

Date Abated

- ☐ 1. Storage cabinets for flammable or combustible liquids shall have well fitted, self closing doors with a latching device; labeled "FLAMMABLE-KEEP FIRE AWAY"; bottom 2 inches liquid tight. [CFC 7902.5.9.3] _____
- ☐ 2. All flammable and combustible liquids in excess of maintenance and work station amounts (10 gallons) shall be located in an approved storage cabinet. Volumes stored shall not exceed those permitted by the Fire Code. [CFC 7902.5.8] _____
- ☐ 3. Empty tanks and containers previously used for flammable and combustible liquids unless free from explosive vapors, shall be stored as full with cover or plugs in place. [CFC 7902.5.3] _____
- ☐ 4. Storage of class I, II, or IIIA liquids shall not be near exit doorways, stairways or a location which may impede egress. [CFC 7902.5.5] _____
- ☐ 5. Dispensing of class I liquids is only allowed from approved safety cans or original containers. [CFC 7903.1.3.5] _____
- ☐ 6. Class IA flammable liquids shall not be dispensed by gravity from tanks. [CFC 7903.1.3.5] _____
- ☐ 7. When a flammable mixture is transferred from one container to another one shall be grounded. Piping systems shall be permanently grounded. [CFC 7903.2.1.3] _____
- ☐ 8. Storage cabinets for hazardous materials liquids shall have well fitted, self closing doors equipped with a self latching device; bottom 2 inches liquid tight and labeled "HAZARDOUS-KEEP FIRE AWAY". [CFC 8001.10.6.2] _____
- ☐ 9. Secondary containment is required for areas where hazardous materials are stored. [CFC 8001.11.11 as amended by MMC V-300-2.81] _____
- ☐ 10. Individual storage areas shall have dedicated drainage to prevent mixing of incompatible materials. [CFC 8003.1.3.3] _____
- ☐ 11. Containers previously containing a regulated material shall not be used to store a different material unless container is cleaned in an approved manner and properly labeled for new contents. [CFC 8001.4.6] _____
- ☐ 12. All containers in storage shall be arranged in an approved manner, non-compatibles separated (flammables, corrosives, oxidizers, etc.). [CFC 8001.11.8] _____
- ☐ 13. Signs prohibiting smoking shall be provided in storage areas and within 25 feet of outdoor storage areas. [CFC 8001.8; 8003.1.2] _____
- ☐ 14. Gas cylinders shall be properly identified, located, and secured. [CFC 7401.5.1; 7401.6.4] _____
- ☐ 15. Empty containers and tanks previously used for the storage of hazardous materials shall be free from residual materials and vapor as defined by DOT, RCRA or other regulating authority or maintained as specified for the storage of hazardous materials. [CFC 8001.4.6] _____
- ☐ 16. Open flames & high-temperature devices shall not be used in a manner which creates a hazardous condition. [CFC 8001.9] _____

Fire Department Number 96-0621

☐ 17. Material Safety Data Sheets (MSDS) shall be available at the facility for all materials present. [CFC 8001.6]

☐ 18. All regulated material waste shall be disposed of in an approved manner. Hazardous materials shall not be released into the sewer, storm drain, ditch, drainage canal, lake, river, or tidal waterway, or upon the ground, sidewalk, street, highway or into the atmosphere. [CFC 8001.5.1]

☐ 19. Individual containers, cartons, packages shall be conspicuously marked or labeled in accordance with nationally recognized standards. [CFC 8001.8]

☐ 20. Entrances to areas where hazardous materials are stored, and stationary above ground tanks shall be placarded with NFPA 704 Hazard Signal System for the material(s) contained. [CFC 8001.7 , 8003.1.2]

☐ 21. All above ground piping shall be properly secured and labeled identifying product and direction of flow every 20 feet. [CFC 8001.4.3.2 as amended by MMC-V-300-2.52]

☐ 22. Process equipment shall be maintained as designed to prevent accidental discharge of hazardous materials. [CFC 8001.4.7.1]

☐ 23. A (revised) Hazardous Materials Business Plan shall be submitted within 10 days.[CFC 8001.3.2]

☐ 24. A monitoring method capable of detecting hazardous material leakage from the primary containment into the secondary containment shall be provided. [CFC 8001.11.10 as amended by MMC-V-300-2.80] - tested diesel tank leak monitr- pass

☐ 25. Routine inspections of all hazardous materials storage areas and spills of hazardous materials shall be recorded, on a weekly basis, on a monitoring log. [CFC 8001.11.10]

☐ 26. All processes new to the facility shall have Fire Department approval prior to installation and use. [CFC 8001.3.1]

☐ 27. A permit is required to install, repair, abandon, remove, place temporarily out of service, close or substantially modify a storage facility. [CFC 8001.3.1]

DDITIONAL VIOLATIONS:

☐ See supplemental sheet for additional violations.

RDERS:

☒ 1. certify 2 Fire Extinguisher by diesel tank 3-13-06

☐ 2.

OMMENTS:

Add Assembly permit-
need certification on Ansul Fire Suppression System in cafeteria

EFERRALS:

5/23/06

Your facility will be referred to the following agency(s) for items noted during this inspection:

☐ **No Hazardous Material violations were observed during the initial inspection.**

or your information: If your business handles hazardous waste, Santa Clara County Hazardous Materials Compliance Division may perform n inspection of your business. For more information, contact 918-3400.

f necessary, a 1st and 2nd re-inspection shall be conducted on or about 30 days from the initial inspection and 15 days from the 1st e-inspection respectively to determine if violation(s) noted above have been corrected and/or orders have been complied with.

ailure to comply with orders and correct violations may render you liable to the penalties as set forth by law, including, but not mited to, administrative, civil and/or criminal citations.

he Fire Department prefers compliance be obtained through the willingness of an individual to comply, and as always, remains ready to assist this process. If you have any questions or wish to discuss this matter, please contact this office at (408) 586-3365.

Received By: _____ Inspector: Clarence

Milpitas Fire Department, Bureau of Fire Prevention, 455 E. Calaveras Blvd., Milpitas, CA 95035
Phone (408) 586-3365 FAX (408) 586-3378

Distribution: WHITE - Fire Department Address File
YELLOW - Business Responsible

UNIFIED PROGRAM CONSOLIDATED FORM
FACILITY INFORMATION
BUSINESS OWNER/OPERATOR IDENTIFICATION

I. IDENTIFICATION

FACILITY ID #	1	BEGINNING DATE	100	ENDING DATE	101
05-0104 TUFF SHED INC		11/1/03		PRESENT	

BUSINESS NAME (Same as FACILITY NAME or DBA - Doing Business As) 3 — BUSINESS PHONE 102
tuff shed

BUSINESS SITE ADDRESS 103
00410 S ABBOTT AVE

CITY	104	CA	ZIP CODE	105
Milpitas			95035	

DUN & BRADSTREET	106	SIC CODE (4 digit #)	107
		2452	

COUNTY 108
Santa Clara

BUSINESS OPERATOR NAME	109	BUSINESS OPERATOR PHONE	110
ROD MILLER		935-8833	

II. BUSINESS OWNER

OWNER NAME	111	OWNER PHONE	112
TOM SAUREY		(303) 153-8833	

OWNER MAILING ADDRESS 113
1777 So HARRISON ST

CITY	114	STATE	115	ZIP CODE	116
DENVER		CO		80120	

III. ENVIRONMENTAL CONTACT

CONTACT NAME	117	CONTACT PHONE	118
Rod Miller		408-935-8833	

CONTACT MAILING ADDRESS 119
410 S. ABBOTT

CITY	120	STATE	121	ZIP CODE	122
MILPITAS		CA		95035	

IV. EMERGENCY CONTACTS

-PRIMARY-		-SECONDARY-	
NAME: ROD MILLER	123	NAME: KEITH HYLTON	128
TITLE: MGR	124	TITLE: ASST MGR	129
BUSINESS PHONE: 935-8833	125	BUSINESS PHONE: 935-8835	130
24-HOUR PHONE*: 209-4277	126	24-HOUR PHONE*: 209-2751	131
PAGER #: —	127	PAGER #: —	132

ADDITIONAL LOCALLY COLLECTED INFORMATION: 133
Property Owner: _____ Phone No.: _____
Billing Address: _____

Certification: Based on my inquiry of those individuals responsible for obtaining the information, I certify under penalty of law that I have personally examined and am familiar eith the information submitted and believe the information is true, accurate, and complete.

SIGNATURE OF OWNER/OPERATOR OR DESIGNATED REPRESENTATIVE	DATE	134	NAME OF DOCUMENT PREPARER	135
Rod Miller	5/3/04		R Miller	
NAME OF SIGNER (print): ROD MILLER	136	TITLE OF SIGNER: MGR		137

HAZARDOUS MATERIALS/WASTE REGISTRATION FORM

(Individual quantities less than state Hazardous Materials Business Plan reporting requirements)
For use by Unidocs Member Agencies or where approved by your Local Jurisdiction
Authority Cited: California Fire Code; Hazardous Materials Storage Ordinance

A. General Information

This registration form is to be completed and returned to the appropriate local agency if your facility has hazardous materials and none of the individual hazardous materials quantities equals or exceeds 55 gallons for liquids, 500 pounds for solids, or 200 cubic feet for gases. If, at any time, any of your individual hazardous materials quantities equals or exceeds the above amounts, a Hazardous Materials Business Plan (HMBP) may be required (pursuant to Chapter 6.95 of the California Health & Safety Code). If you must submit a HMBP, this registration form is not required.

B. Facility Information

Business Name: TUFF SHED
Type of Business: CONST ASSEM
Site Address: 410 S ABBOTT AVE
City: MILPITAS Zip: 95035
Mailing/Billing Address: _____ (If different from site address)
City: _____ Zip: _____
Business Owner/Contact Person: ROD MILLER
Phone No.: (___) _____
Property Owner: SCHOOL DISTRICT
Phone No.: (___) _____
~~EPA ID Number (if applicable):~~ _____
~~SIC Code:~~ _____

C. Non-Waste Inventory Information

Complete the table below for all non-waste inventory. Use additional pages if necessary.

Hazard Class	Chemical/Common Name	Max. Qty. (at any one time)	Container Size (single largest container)	Location(s) (see section D)
4	PROPANE	45 ☒ gal. ☐ lbs. ☐ cu. ft.	15 ☒ gal. ☐ lbs. ☐ cu. ft.	AREA A
		☐ gal. ☐ lbs. ☐ cu. ft.	☐ gal. ☐ lbs. ☐ cu. ft.	
		☐ gal. ☐ lbs. ☐ cu. ft.	☐ gal. ☐ lbs. ☐ cu. ft.	
		☐ gal. ☐ lbs. ☐ cu. ft.	☐ gal. ☐ lbs. ☐ cu. ft.	
		☐ gal. ☐ lbs. ☐ cu. ft.	☐ gal. ☐ lbs. ☐ cu. ft.	
		☐ gal. ☐ lbs. ☐ cu. ft.	☐ gal. ☐ lbs. ☐ cu. ft.	
		☐ gal. ☐ lbs. ☐ cu. ft.	☐ gal. ☐ lbs. ☐ cu. ft.	
		☐ gal. ☐ lbs. ☐ cu. ft.	☐ gal. ☐ lbs. ☐ cu. ft.	
		☐ gal. ☐ lbs. ☐ cu. ft.	☐ gal. ☐ lbs. ☐ cu. ft.	
		☐ gal. ☐ lbs. ☐ cu. ft.	☐ gal. ☐ lbs. ☐ cu. ft.	

Additional Information Required On Back

D. Hazardous Waste Inventory Information (Hazardous Waste Generator Permit Application/Amendment)

Complete the table below for all waste inventory. Use additional pages if needed.

Hazard Class	Name of Hazardous Waste	Treatment/Disposal Method(s) (Definitions provided at bottom of page)	Max. Qty. (at any one time)	Annual Qty. Generated	Location(s) (see Section F)
	N/A	☐ Recycled on-site. ☐ Treated on-site. ☐ Shipped off-site for recycling/treatment/disposal	☐ gal. ☐ lbs. ☐ cu. ft.	☐ gal. ☐ lbs. ☐ cu. ft.	
		☐ Recycled on-site. ☐ Treated on-site. ☐ Shipped off-site for recycling/treatment/disposal	☐ gal. ☐ lbs. ☐ cu. ft.	☐ gal. ☐ lbs. ☐ cu. ft.	
		☐ Recycled on-site. ☐ Treated on-site. ☐ Shipped off-site for recycling/treatment/disposal	☐ gal. ☐ lbs. ☐ cu. ft.	☐ gal. ☐ lbs. ☐ cu. ft.	
		☐ Recycled on-site. ☐ Treated on-site. ☐ Shipped off-site for recycling/treatment/disposal	☐ gal. ☐ lbs. ☐ cu. ft.	☐ gal. ☐ lbs. ☐ cu. ft.	
		☐ Recycled on-site. ☐ Treated on-site. ☐ Shipped off-site for recycling/treatment/disposal	☐ gal. ☐ lbs. ☐ cu. ft.	☐ gal. ☐ lbs. ☐ cu. ft.	
		☐ Recycled on-site. ☐ Treated on-site. ☐ Shipped off-site for recycling/treatment/disposal	☐ gal. ☐ lbs. ☐ cu. ft.	☐ gal. ☐ lbs. ☐ cu. ft.	

E. Additional Disposal Information

For the following questions, check the appropriate box:

1. Does this facility discharge process waste waters to sanitary sewer? ☐ Yes; ☑ No
2. Does this facility generate infectious/biomedical wastes? ☐ Yes; ☑ No
3. Does this facility store/handle radioactive materials? ☐ Yes; ☑ No

F. Facility Site Plan/Storage Map

Prepare and submit with this Registration Form a simple site map (see next page) which shows the following information:

- North direction • Street(s) adjacent to facility • Location of storm drains • Electrical, water, and gas shutoff valves
- Basic floor plan for each building containing hazardous materials/wastes which indicates building entrance(s) and hazardous material/waste storage locations (use grid locations or assign a code - A, B, C, etc. - to clearly identify each storage location for use in the above inventories).

I declare that the above information is true and correct to the best of my knowledge. I agree to comply with all applicable regulations regarding storage, handling, and disposal of hazardous materials and hazardous or biomedical wastes.

ROD MILLER — Owner/Operator's Name (Print)

Rod Miller — Owner/Operator's Signature

4/6/05 — Date

Definitions of Treatment/Disposal Methods

Recycled on-site - The facility takes the waste or any constituent of the waste, treated or not, and reuses it on-site or ships it off-site as an Excluded Recyclable Material.

Treated on-site - The facility employs any method, technique, or process which changes or is designed to change the physical, chemical, or biological character or composition of the hazardous waste or any material contained therein, or removes or reduces its harmful properties or characteristics for any purpose including, but not limited to, energy recovery, material recovery, or reduction in volume. (e.g. pH adjustment, evaporation, precipitation, filtration, distillation, compacting, etc.) If, after treatment, the material is reused at the facility, the "Recycled on-site" box in the waste inventory table should be checked.

Shipped off-site for recycling/treatment/disposal - The facility sends the waste, or any hazardous treatment residual, to an off-site permitted treatment, storage, or disposal facility (TSDF).

Note: Depending on how a waste or its constituents are recycled and/or treated, more than one treatment/disposal category may apply. All applicable boxes in column 2 of the waste inventory table should be checked.

6/13
WAITING FOR SIGN
WILL CALL

MILPITAS FIRE DEPARTMENT
HAZARDOUS MATERIALS & ENVIRONMENTAL SERVICES UNIT
HAZARDOUS MATERIALS INSPECTION REPORT
CALIFORNIA FIRE CODE, 2001
MILPITAS MUNICIPAL CODE, TITLE V, CHAPTER 300

Fire Department Number
05-0104

Inspection Date 05/03/06

TUFF SHED
00410 S Abbott Ave
Milpitas, Ca 95035

Rod Miller (408) 935 - 8833 ext.
Contact Phone Number

Permitted Activities:

HM											

MRI	KX	EL	FA	HS	HD	OS	SS
			FA			OS	SS

The Milpitas Fire Department conducted a Hazardous Materials inspection at the above address. This notice identifies code violations and the minimum requirements necessary to comply. Items marked with an "X" below will require your attention to come into compliance. Additional information may be written on this notice by the Inspector to provide you with direction for compliance.

Date Abated

☐ 1. Storage cabinets for flammable or combustible liquids shall have well fitted, self closing doors with a latching device; labeled "FLAMMABLE-KEEP FIRE AWAY"; bottom 2 inches liquid tight. [CFC 7902.5.9.3]

☐ 2. All flammable and combustible liquids in excess of maintenance and work station amounts (10 gallons) shall be located in an approved storage cabinet. Volumes stored shall not exceed those permitted by the Fire Code. [CFC 7902.5.8]

☐ 3. Empty tanks and containers previously used for flammable and combustible liquids unless free from explosive vapors, shall be stored as full with cover or plugs in place. [CFC 7902.5.3]

☐ 4. Storage of class I, II, or IIIA liquids shall not be near exit doorways, stairways or a location which may impede egress. [CFC 7902.5.5]

☐ 5. Dispensing of class I liquids is only allowed from approved safety cans or original containers. [CFC 7903.1.3.5]

☐ 6. Class IA flammable liquids shall not be dispensed by gravity from tanks. [CFC 7903.1.3.5]

☐ 7. When a flammable mixture is transferred from one container to another one shall be grounded. Piping systems shall be permanently grounded. [CFC 7903.2.1.3]

☐ 8. Storage cabinets for hazardous materials liquids shall have well fitted, self closing doors equipped with a self latching device; bottom 2 inches liquid tight and labeled "HAZARDOUS-KEEP FIRE AWAY". [CFC 8001.10.6.2]

☐ 9. Secondary containment is required for areas where hazardous materials are stored. [CFC 8001.11.11 as amended by MMC V-300-2.81]

☐ 10. Individual storage areas shall have dedicated drainage to prevent mixing of incompatible materials. [CFC 8003.1.3.3]

☐ 11. Containers previously containing a regulated material shall not be used to store a different material unless container is cleaned in an approved manner and properly labeled for new contents. [CFC 8001.4.6]

☐ 12. All containers in storage shall be arranged in an approved manner, non-compatibles separated (flammables, corrosives, oxidizers, etc.). [CFC 8001.11.8]

☐ 13. Signs prohibiting smoking shall be provided in storage areas and within 25 feet of outdoor storage areas. [CFC 8001.8; 8003.1.2]

☐ 14. Gas cylinders shall be properly identified, located, and secured. [CFC 7401.5.1; 7401.6.4]

☐ 15. Empty containers and tanks previously used for the storage of hazardous materials shall be free from residual materials and vapor as defined by DOT, RCRA or other regulating authority or maintained as specified for the storage of hazardous materials. [CFC 8001.4.6]

☐ 16. Open flames & high-temperature devices shall not be used in a manner which creates a hazardous condition. [CFC 8001.9]

combustible material permit – check on next door

Fire Department Number 05-0104

- ☐ 17. Material Safety Data Sheets (MSDS) shall be available at the facility for all materials present. [CFC 8001.6]
- ☐ 18. All regulated material waste shall be disposed of in an approved manner. Hazardous materials shall not be released into the sewer, storm drain, ditch, drainage canal, lake, river, or tidal waterway, or upon the ground, sidewalk, street, highway or into the atmosphere. [CFC 8001.5.1]
- ☒ 19. Individual containers, cartons, packages shall be conspicuously marked or labeled in accordance with nationally recognized standards. [CFC 8001.8] Propane cage
- ☐ 20. Entrances to areas where hazardous materials are stored, and stationary above ground tanks shall be placarded with NFPA 704 Hazard Signal System for the material(s) contained. [CFC 8001.7 , 8003.1.2]
- ☐ 21. All above ground piping shall be properly secured and labeled identifying product and direction of flow every 20 feet. [CFC 8001.4.3.2 as amended by MMC-V-300-2.52]
- ☐ 22. Process equipment shall be maintained as designed to prevent accidental discharge of hazardous materials. [CFC 8001.4.7.1]
- ☒ 23. A (revised) Hazardous Materials Business Plan shall be submitted within ~~10~~ 30 days.[CFC 8001.3.2]
- ☐ 24. A monitoring method capable of detecting hazardous material leakage from the primary containment into the secondary containment shall be provided. [CFC 8001.11.10 as amended by MMC-V-300-2.80]
- ☐ 25. Routine inspections of all hazardous materials storage areas and spills of hazardous materials shall be recorded, on a weekly basis, on a monitoring log. [CFC 8001.11.10]
- ☐ 26. All processes new to the facility shall have Fire Department approval prior to installation and use. [CFC 8001.3.1]
- ☐ 27. A permit is required to install, repair, abandon, remove, place temporarily out of service, close or substantially modify a storage facility. [CFC 8001.3.1]

ADDITIONAL VIOLATIONS:

☐ See supplemental sheet for additional violations.

ORDERS:

1. REPAIR EXIT LIGHTS
2. PROVIDE UNOBSTRUCTED ACCESS TO EXITS

COMMENTS:

3. PROVIDE 5' CLEARANCE OF COMBUSTIBLE MATERIAL FROM BATTERY CHARGER
4. REPLACE EXTENSION CORD WITH APPROVED SURGE PROTECTED EXTENSION – CHECK - WOODWORKING REQUIREMENTS

REFERRALS: ✱ CHECK ON DISPLAY STORAGE UNITS & NUMBER OF WOOD CUTTING STATIONS.

Your facility will be referred to the following agency(s) for items noted during this inspection which are beyond the scope of this inspection:

☐ **No Hazardous Material violations were observed during the initial inspection.**

For your information: If your business handles hazardous waste, Santa Clara County Hazardous Materials Compliance Division may perform an inspection of your business. For more information, contact 918-3400.

If necessary, a 1st and 2nd re-inspection shall be conducted on or about 30 days from the initial inspection and 15 days from the 1st re-inspection respectively to determine if violation(s) noted above have been corrected and/or orders have been complied with.

Failure to comply with orders and correct violations may render you liable to the penalties as set forth by law, including, but not limited to, administrative, civil and/or criminal citations.

The Fire Department prefers compliance be obtained through the willingness of an individual to comply, and as always, remains ready to assist in this process. If you have any questions or wish to discuss this matter, please contact this office at (408) 586-3365.

Received By: _____ Inspector: _____

Milpitas Fire Department, Bureau of Fire Prevention, 455 E. Calaveras Blvd., Milpitas, CA 95035
Phone (408) 586-3365 FAX (408) 586-3378

Distribution: WHITE - Fire Department Address File
YELLOW - Business Responsible

UNIFIED PROGRAM CONSOLIDATED FORM
FACILITY INFORMATION
BUSINESS ACTIVITIES

I. FACILITY IDENTIFICATION

FACILITY ID # *(Agency Use Only)*	1.	EPA ID # (Hazardous Waste Only)	2.

BUSINESS NAME (Same as Facility Name or DBA - Doing Business As) 3.

The Stuart Rental Co.

II. ACTIVITIES DECLARATION

NOTE: If you check YES to any part of this list, please submit the Business Owner/Operator Identification page (OES Form 2730).

Does your facility...	If Yes, please complete these pages of the UPCF...	
A. HAZARDOUS MATERIALS		
Have on site (for any purpose) hazardous materials at or above 55 gallons for liquids, 500 pounds for solids, or 200 cubic feet for compressed gases (include liquids in ASTs and USTs); or the applicable Federal threshold quantity for an extremely hazardous substance specified in 40 CFR Part 355, Appendix A or B; or handle radiological materials in quantities for which an emergency plan is required pursuant to 10 CFR Parts 30, 40 or 70?	☒ YES ☐ NO 4.	HAZARDOUS MATERIALS INVENTORY – CHEMICAL DESCRIPTION (OES 2731)
B. UNDERGROUND STORAGE TANKS (USTs)		
1. Own or operate underground storage tanks?	☐ YES ☒ NO 5.	UST FACILITY (Formerly SWRCB Form A) UST TANK (one page per tank) (Formerly Form B)
2. Intend to upgrade existing or install new USTs?	☐ YES ☒ NO 6.	UST FACILITY UST TANK (one per tank) UST INSTALLATION - CERTIFICATE OF COMPLIANCE (one page per tank) (Formerly Form C)
3. Need to report closing a UST?	☐ YES ☒ NO 7.	UST TANK (closure portion – one page per tank)
C. ABOVE GROUND PETROLEUM STORAGE TANKS (ASTs)		
Own or operate ASTs above these thresholds: ---any tank capacity is greater than 660 gallons, or ---the total capacity for the facility is greater than 1,320 gallons?	☐ YES ☒ NO 8.	NO FORM REQUIRED TO CUPAs
D. HAZARDOUS WASTE		
1. Generate hazardous waste?	☐ YES ☒ NO 9.	EPA ID NUMBER – provide at the top of this page
2. Recycle more than 100 kg/month of excluded or exempted recyclable materials (per H&SC §25143.2)?	☐ YES ☒ NO 10.	RECYCLABLE MATERIALS REPORT (one per recycler)
3. Treat hazardous waste on site?	☐ YES ☒ NO 11.	ONSITE HAZARDOUS WASTE TREATMENT – FACILITY (Formerly DTSC Forms 1772) ONSITE HAZARDOUS WASTE TREATMENT – UNIT (one page per unit) (Formerly DTSC Forms 1772 A,B,C,D and L)
4. Treatment subject to financial assurance requirements (for Permit by Rule and Conditional Authorization)?	☐ YES ☒ NO 12.	CERTIFICATION OF FINANCIAL ASSURANCE (Formerly DTSC Form 1232)
5. Consolidate hazardous waste generated at a remote site?	☐ YES ☒ NO 13.	REMOTE WASTE / CONSOLIDATION SITE ANNUAL NOTIFICATION (Formerly DTSC Form 1196)
6. Need to report the closure/removal of a tank that was classified as hazardous waste and cleaned onsite?	☐ YES ☒ NO 14.	HAZARDOUS WASTE TANK CLOSURE CERTIFICATION (Formerly DTSC Form 1249)

E. LOCAL REQUIREMENTS 15.

(You may also be required to provide additional information by your CUPA or local agency.)

RECEIVED
MAR 14 2006
MILPITAS FIRE PREVENTION

UNIFIED PROGRAM CONSOLIDATED FORM

FACILITY INFORMATION

BUSINESS OWNER/OPERATOR IDENTIFICATION

I. IDENTIFICATION

FACILITY ID # (Agency Use Only) 1.

BEGINNING DATE 100.: 3-09-06

ENDING DATE 101.: 3-9-07

BUSINESS NAME (Same as FACILITY NAME or DBA – Doing Business As) 3.: The Stuart Rental Co.

BUSINESS PHONE 102.: 408-856-3232

BUSINESS SITE ADDRESS 103.: 454 So. Abbott Ave

CITY 104.: Milpitas

CA

ZIP CODE 105.: 95035

DUN & BRADSTREET 106.:

SIC CODE (4 digit #) 107.:

COUNTY 108.: Santa Clara

BUSINESS OPERATOR NAME 109.: Ohana Partners Inc

BUSINESS OPERATOR PHONE 110.: 408-856-3232

II. BUSINESS OWNER

OWNER NAME 111.: Ohana Partners Inc D.B.A The Stuart Rental Co.

OWNER PHONE 112.: 408-856-3232

OWNER MAILING ADDRESS 113.: same as above

CITY 114.:

STATE 115.:

ZIP CODE 116.:

III. ENVIRONMENTAL CONTACT

CONTACT NAME 117.:

CONTACT PHONE 118.:

CONTACT MAILING ADDRESS 119.:

CITY 120.:

STATE 121.:

ZIP CODE 122.:

IV. EMERGENCY CONTACTS

-PRIMARY-	-SECONDARY-
NAME 123.: Pablo Campos	NAME 128.: Jim Healy
TITLE 124.: Operations Manager	TITLE 129.: Production Manager
BUSINESS PHONE 125.: 408 856 3232	BUSINESS PHONE 130.: 408 856-3238
24-HOUR PHONE* 126.: 510-557-7044	24-HOUR PHONE* 131.: 510 364-8073
PAGER # 127.:	PAGER # 132.:

ADDITIONAL LOCALLY COLLECTED INFORMATION: 133.

Property Owner: Menlo Equities Mgmt Co. Alan Weber RPA Phone No.: 408 567-9900

Billing Address: 2901 Tasman Drive Suite 220 Santa Clara, CA. 95054

Certification: Based on my inquiry of those individuals responsible for obtaining the information, I certify under penalty of law that I have personally examined and am familiar with the information submitted and believe the information is true, accurate, and complete.

SIGNATURE OF OWNER/OPERATOR OR DESIGNATED REPRESENTATIVE: James Healy for The Stuart Rental Co.

DATE 134.: 3-9-06

NAME OF DOCUMENT PREPARER 135.: James Healy

NAME OF SIGNER (print) 136.: James Healy

TITLE OF SIGNER 137.: Production Manager

* See Instructions on next page.

UNIFIED PROGRAM CONSOLIDATED FORM
HAZARDOUS MATERIALS

HAZARDOUS MATERIALS INVENTORY – CHEMICAL DESCRIPTION

(one page per material per building or area)

☐ ADD ☐ DELETE ☐ REVISE 200. Page 3 of 15

I. FACILITY INFORMATION

BUSINESS NAME (Same as FACILITY NAME or DBA – Doing Business As) 3.
The Stuart Rental Co.

CHEMICAL LOCATION 201.
Inside Warehouse

CHEMICAL LOCATION CONFIDENTIAL EPCRA 202.
☐ YES ☒ NO

FACILITY ID # (Agency Use Only) 1.

MAP # 203.
3-9-06

GRID # 204.
G-16 N-23

II. CHEMICAL INFORMATION

CHEMICAL NAME 205.
C_3H_8

TRADE SECRET ☐ Yes ☒ No 206.
If Subject to EPCRA, refer to instructions

COMMON NAME 207.
Propane

EHS* ☐ Yes ☒ No 208.

CAS# 209.
74-98-6

*If EHS is "Yes," all amounts below must be in lbs.

FIRE CODE HAZARD CLASSES (Complete if required by local agency) 210.

HAZARDOUS MATERIAL TYPE (Check one item only) ☐ a. PURE ☒ b. MIXTURE ☐ c. WASTE 211.

RADIOACTIVE ☐ Yes ☒ No 212.

CURIES 213.
N/A

PHYSICAL STATE (Check one item only) ☐ a. SOLID ☒ b. LIQUID ☐ c. GAS 214.

LARGEST CONTAINER 215.
100 lb. Cylinder

FED HAZARD CATEGORIES (Check all that apply) 216.
☒ a. FIRE ☐ b. REACTIVE ☒ c. PRESSURE RELEASE ☐ d. ACUTE HEALTH ☐ e. CHRONIC HEALTH

AVERAGE DAILY AMOUNT 217.	MAXIMUM DAILY AMOUNT 218.	ANNUAL WASTE AMOUNT 219.	STATE WASTE CODE 220.
140 Gallons	280 Gallons		

UNITS* (Check one item only) ☒ a. GALLONS ☐ b. CUBIC FEET ☐ c. POUNDS ☐ d. TONS 221.
* If EHS, amount must be in pounds.

DAYS ON SITE 222.
365

STORAGE CONTAINER 223.
☐ a. ABOVEGROUND TANK ☐ b. UNDERGROUND TANK ☐ c. TANK INSIDE BUILDING ☐ d. STEEL DRUM ☐ e. PLASTIC/NONMETALLIC DRUM ☐ f. CAN ☐ g. CARBOY ☐ h. SILO ☐ i. FIBER DRUM ☐ j. BAG ☐ k. BOX ☒ l. CYLINDER ☐ m. GLASS BOTTLE ☐ n. PLASTIC BOTTLE ☐ o. TOTE BIN ☐ p. TANK WAGON ☐ q. RAIL CAR ☐ r. OTHER

STORAGE PRESSURE 224.
☐ a. AMBIENT ☒ b. ABOVE AMBIENT ☐ c. BELOW AMBIENT

STORAGE TEMPERATURE 225.
☒ a. AMBIENT ☐ b. ABOVE AMBIENT ☐ c. BELOW AMBIENT ☐ d. CRYOGENIC

	% WT	HAZARDOUS COMPONENT (For mixture or waste only)	EHS	CAS #
1.	226.	227.	☐ Yes ☐ No 228.	229.
2.	230.	231.	☐ Yes ☐ No 232.	233.
3.	234.	235.	☐ Yes ☐ No 236.	237.
4.	238.	239.	☐ Yes ☐ No 240.	241.
5.	242.	243.	☐ Yes ☐ No 244.	245.

If more hazardous components are present at greater than 1% by weight if non-carcinogenic, or 0.1% by weight if carcinogenic, attach additional sheets of paper capturing the required information.

ADDITIONAL LOCALLY COLLECTED INFORMATION 246.
DOT Hazard Class: 2.1
UN 1978

If EPCRA, Please Sign Here.

UNIFIED PROGRAM CONSOLIDATED FORM
HAZARDOUS MATERIALS

HAZARDOUS MATERIALS INVENTORY – CHEMICAL DESCRIPTION

(one page per material per building or area)

☐ ADD ☐ DELETE ☐ REVISE 200. Page 5 of 15

I. FACILITY INFORMATION

BUSINESS NAME (Same as FACILITY NAME or DBA – Doing Business As) 3.
The Stuart Rental Co

CHEMICAL LOCATION 201.
Inside Warehouse

CHEMICAL LOCATION CONFIDENTIAL EPCRA 202.
☐ YES ☒ NO

FACILITY ID # (Agency Use Only) 1.

MAP # 203. 3-09-06

GRID # 204. I-22

II. CHEMICAL INFORMATION

CHEMICAL NAME 205.

TRADE SECRET ☐ Yes ☐ No 206.
If Subject to EPCRA, refer to instructions

COMMON NAME 207. Unleaded Gasoline

EHS* ☐ Yes ☐ No 208.

CAS# 209. 86290-81-5

*If EHS is "Yes," all amounts below must be in lbs.

FIRE CODE HAZARD CLASSES (Complete if required by local agency) 210.

HAZARDOUS MATERIAL TYPE (Check one item only) ☐ a. PURE ☒ b. MIXTURE ☐ c. WASTE 211.

RADIOACTIVE ☐ Yes ☒ No 212.

CURIES 213.

PHYSICAL STATE (Check one item only) ☐ a. SOLID ☒ b. LIQUID ☐ c. GAS 214.

LARGEST CONTAINER 215. 30 Gallons

FED HAZARD CATEGORIES (Check all that apply) 216.
☒ a. FIRE ☐ b. REACTIVE ☐ c. PRESSURE RELEASE ☐ d. ACUTE HEALTH ☐ e. CHRONIC HEALTH

AVERAGE DAILY AMOUNT 217.	MAXIMUM DAILY AMOUNT 218.	ANNUAL WASTE AMOUNT 219.	STATE WASTE CODE 220.
50 Gallons	70 Gallons		

UNITS* (Check one item only) 221. ☒ a. GALLONS ☐ b. CUBIC FEET ☐ c. POUNDS ☐ d. TONS
* If EHS, amount must be in pounds.

DAYS ON SITE 222. 365

STORAGE CONTAINER 223.
☐ a. ABOVEGROUND TANK ☐ b. UNDERGROUND TANK ☐ c. TANK INSIDE BUILDING ☐ d. STEEL DRUM ☐ e. PLASTIC/NONMETALLIC DRUM ☒ f. CAN ☐ g. CARBOY ☐ h. SILO ☐ i. FIBER DRUM ☐ j. BAG ☐ k. BOX ☐ l. CYLINDER ☐ m. GLASS BOTTLE ☐ n. PLASTIC BOTTLE ☐ o. TOTE BIN ☐ p. TANK WAGON ☐ q. RAIL CAR ☐ r. OTHER

STORAGE PRESSURE 224. ☒ a. AMBIENT ☐ b. ABOVE AMBIENT ☐ c. BELOW AMBIENT

STORAGE TEMPERATURE 225. ☒ a. AMBIENT ☐ b. ABOVE AMBIENT ☐ c. BELOW AMBIENT ☐ d. CRYOGENIC

	% WT	HAZARDOUS COMPONENT (For mixture or waste only)	EHS	CAS #
1.	226.	227.	☐ Yes ☐ No 228.	229.
2.	230.	231.	☐ Yes ☐ No 232.	233.
3.	234.	235.	☐ Yes ☐ No 236.	237.
4.	238.	239.	☐ Yes ☐ No 240.	241.
5.	242.	243.	☐ Yes ☐ No 244.	245.

If more hazardous components are present at greater than 1% by weight if non-carcinogenic, or 0.1% by weight if carcinogenic, attach additional sheets of paper capturing the required information.

ADDITIONAL LOCALLY COLLECTED INFORMATION 246.
DOT Hazard Class: 3 UN 1203

If EPCRA, Please Sign Here.

UNIFIED PROGRAM CONSOLIDATED FORM
HAZARDOUS MATERIALS

HAZARDOUS MATERIALS INVENTORY – CHEMICAL DESCRIPTION

(one page per material per building or area)

☐ ADD ☐ DELETE ☐ REVISE 200. Page 6 of 15

I. FACILITY INFORMATION

BUSINESS NAME (Same as FACILITY NAME or DBA – Doing Business As) 3.
The Stuart Rental Co.

CHEMICAL LOCATION 201. Inside Warehouse

CHEMICAL LOCATION CONFIDENTIAL EPCRA 202. ☐ YES ☒ NO

FACILITY ID # (Agency Use Only) 1.

MAP# 203. 3-9-06

GRID # 204. G-18, H-18, G-20

II. CHEMICAL INFORMATION

CHEMICAL NAME 205. Various Soaps, Detergents,

TRADE SECRET ☐ Yes ☒ No 206. If Subject to EPCRA, refer to instructions

COMMON NAME 207. Cleaning Agents, Corrosives,

EHS* ☐ Yes ☒ No 208.

CAS# 209. Rinses for Washing Linens + Dishes

*If EHS is "Yes," all amounts below must be in lbs.

FIRE CODE HAZARD CLASSES (Complete if required by local agency) 210.

HAZARDOUS MATERIAL TYPE (Check one item only) ☐ a. PURE ☒ b. MIXTURE ☐ c. WASTE 211.

RADIOACTIVE ☐ Yes ☒ No 212.

CURIES 213.

PHYSICAL STATE (Check one item only) ☐ a. SOLID ☒ b. LIQUID ☐ c. GAS 214.

LARGEST CONTAINER 215.

FED HAZARD CATEGORIES (Check all that apply) 216. ☐ a. FIRE ☐ b. REACTIVE ☐ c. PRESSURE RELEASE ☐ d. ACUTE HEALTH ☐ e. CHRONIC HEALTH

AVERAGE DAILY AMOUNT 217.	MAXIMUM DAILY AMOUNT 218.	ANNUAL WASTE AMOUNT 219.	STATE WASTE CODE 220.
100 Gallons	125 Gallons		

UNITS* (Check one item only) 221. ☒ a. GALLONS ☐ b. CUBIC FEET ☐ c. POUNDS ☐ d. TONS * If EHS, amount must be in pounds.

DAYS ON SITE 222. 365

STORAGE CONTAINER 223.
☐ a. ABOVEGROUND TANK ☒ e. PLASTIC/NONMETALLIC DRUM ☐ i. FIBER DRUM ☒ m. GLASS BOTTLE ☐ q. RAIL CAR
☐ b. UNDERGROUND TANK ☒ f. CAN ☐ j. BAG ☒ n. PLASTIC BOTTLE ☐ r. OTHER
☐ c. TANK INSIDE BUILDING ☐ g. CARBOY ☒ k. BOX ☐ o. TOTE BIN
☐ d. STEEL DRUM ☐ h. SILO ☐ l. CYLINDER ☐ p. TANK WAGON

STORAGE PRESSURE 224. ☒ a. AMBIENT ☒ b. ABOVE AMBIENT ☐ c. BELOW AMBIENT

STORAGE TEMPERATURE 225. ☒ a. AMBIENT ☐ b. ABOVE AMBIENT ☐ c. BELOW AMBIENT ☐ d. CRYOGENIC

	% WT	HAZARDOUS COMPONENT (For mixture or waste only)	EHS	CAS #
1.	226.	227.	☐ Yes ☐ No 228.	229.
2.	230.	231.	☐ Yes ☐ No 232.	233.
3.	234.	235.	☐ Yes ☐ No 236.	237.
4.	238.	239.	☐ Yes ☐ No 240.	241.
5.	242.	243.	☐ Yes ☐ No 244.	245.

If more hazardous components are present at greater than 1% by weight if non-carcinogenic, or 0.1% by weight if carcinogenic, attach additional sheets of paper capturing the required information.

ADDITIONAL LOCALLY COLLECTED INFORMATION 246.
DOT Hazard Class: ____ Non Hazardous Liquids

If EPCRA, Please Sign Here.

UNIFIED PROGRAM CONSOLIDATED FORM
HAZARDOUS MATERIALS

HAZARDOUS MATERIALS INVENTORY – CHEMICAL DESCRIPTION

(one page per material per building or area)

☐ ADD ☐ DELETE ☐ REVISE 200. Page 7 of 15

I. FACILITY INFORMATION

BUSINESS NAME (Same as FACILITY NAME or DBA – Doing Business As) 3.
The Stuart Rental Co.

CHEMICAL LOCATION 201.
Inside Warehouse

CHEMICAL LOCATION CONFIDENTIAL EPCRA 202.
☐ YES ☒ NO

FACILITY ID # (Agency Use Only) 1.

MAP # 203. 3-09-06

GRID # 204. 6-20

II. CHEMICAL INFORMATION

CHEMICAL NAME 205.
Ethylene Glycol Monobutyl Ether

TRADE SECRET ☐ Yes ☒ No 206.
If Subject to EPCRA, refer to instructions

COMMON NAME 207.
Zepride E Cleaner-Degreaser

EHS* ☐ Yes ☒ No 208.

CAS# 209.
111-76-2

*If EHS is "Yes," all amounts below must be in lbs.

FIRE CODE HAZARD CLASSES (Complete if required by local agency) 210.

HAZARDOUS MATERIAL TYPE (Check one item only) ☐ a. PURE ☒ b. MIXTURE ☐ c. WASTE 211.

RADIOACTIVE ☐ Yes ☒ No 212.

CURIES 213. N/A

PHYSICAL STATE (Check one item only) ☐ a. SOLID ☒ b. LIQUID ☐ c. GAS 214.

LARGEST CONTAINER 30 Gallon

FED HAZARD CATEGORIES (Check all that apply) 216.
☐ a. FIRE ☐ b. REACTIVE ☐ c. PRESSURE RELEASE ☐ d. ACUTE HEALTH ☐ e. CHRONIC HEALTH

AVERAGE DAILY AMOUNT 217.	MAXIMUM DAILY AMOUNT 218.	ANNUAL WASTE AMOUNT 219.	STATE WASTE CODE 220.
20 Gallon	30 Gallon	0	N/A

UNITS* (Check one item only) 221. ☒ a. GALLONS ☐ b. CUBIC FEET ☐ c. POUNDS ☐ d. TONS
* If EHS, amount must be in pounds.

DAYS ON SITE 222. 365

STORAGE CONTAINER 223.
☐ a. ABOVEGROUND TANK ☒ e. PLASTIC/NONMETALLIC DRUM ☐ i. FIBER DRUM ☐ m. GLASS BOTTLE ☐ q. RAIL CAR
☐ b. UNDERGROUND TANK ☐ f. CAN ☐ j. BAG ☐ n. PLASTIC BOTTLE ☐ r. OTHER
☐ c. TANK INSIDE BUILDING ☐ g. CARBOY ☐ k. BOX ☐ o. TOTE BIN
☐ d. STEEL DRUM ☐ h. SILO ☐ l. CYLINDER ☐ p. TANK WAGON

STORAGE PRESSURE 224. ☒ a. AMBIENT ☐ b. ABOVE AMBIENT ☐ c. BELOW AMBIENT

STORAGE TEMPERATURE 225. ☒ a. AMBIENT ☐ b. ABOVE AMBIENT ☐ c. BELOW AMBIENT ☐ d. CRYOGENIC

% WT	HAZARDOUS COMPONENT (For mixture or waste only)	EHS	CAS #
1. 226.	227.	☐ Yes ☐ No 228.	229.
2. 230.	231.	☐ Yes ☐ No 232.	233.
3. 234.	235.	☐ Yes ☐ No 236.	237.
4. 238.	239.	☐ Yes ☐ No 240.	241.
5. 242.	243.	☐ Yes ☐ No 244.	245.

If more hazardous components are present at greater than 1% by weight if non-carcinogenic, or 0.1% by weight if carcinogenic, attach additional sheets of paper capturing the required information.

ADDITIONAL LOCALLY COLLECTED INFORMATION 246.
DOT Hazard Class: ____
Non Hazardous Liquid

If EPCRA, Please Sign Here.

UNIFIED PROGRAM CONSOLIDATED FORM
HAZARDOUS MATERIALS

HAZARDOUS MATERIALS INVENTORY – CHEMICAL DESCRIPTION

(one page per material per building or area)

☐ ADD ☐ DELETE ☐ REVISE 200. Page 8 of 15

I. FACILITY INFORMATION

BUSINESS NAME (Same as FACILITY NAME or DBA – Doing Business As) 3.
The Stuart Rental Co.

CHEMICAL LOCATION 201. Inside Warehouse East Side

CHEMICAL LOCATION CONFIDENTIAL EPCRA 202. ☐ YES ☒ NO

FACILITY ID # (Agency Use Only) 1.

MAP # 203. 3-9-06

GRID # 204. G-20

II. CHEMICAL INFORMATION

CHEMICAL NAME 205. 2-Butoxyethanol

TRADE SECRET ☐ Yes ☒ No 206. If Subject to EPCRA, refer to instructions

COMMON NAME 207. Tent + Tarp Cleaner

EHS* ☐ Yes ☒ No 208.

CAS# 209. 111-76-2

*If EHS is "Yes," all amounts below must be in lbs.

FIRE CODE HAZARD CLASSES (Complete if required by local agency) 210.

HAZARDOUS MATERIAL TYPE (Check one item only) ☐ a. PURE ☒ b. MIXTURE ☐ c. WASTE 211.

RADIOACTIVE ☐ Yes ☒ No 212.

CURIES 213. N/A

PHYSICAL STATE (Check one item only) ☐ a. SOLID ☒ b. LIQUID ☐ c. GAS 214.

LARGEST CONTAINER 65 Gallon

FED HAZARD CATEGORIES (Check all that apply) 216. ☐ a. FIRE ☐ b. REACTIVE ☐ c. PRESSURE RELEASE ☐ d. ACUTE HEALTH ☐ e. CHRONIC HEALTH

AVERAGE DAILY AMOUNT 217.	MAXIMUM DAILY AMOUNT 218.	ANNUAL WASTE AMOUNT 219.	STATE WASTE CODE 220.
30 Gallons	65 Gallons	0	N/A

UNITS* (Check one item only) 221. ☒ a. GALLONS ☐ b. CUBIC FEET ☐ c. POUNDS ☐ d. TONS * If EHS, amount must be in pounds.

DAYS ON SITE 222. 365

STORAGE CONTAINER 223.
☐ a. ABOVEGROUND TANK ☒ e. PLASTIC/NONMETALLIC DRUM ☐ l. FIBER DRUM ☐ m. GLASS BOTTLE ☐ q. RAIL CAR
☐ b. UNDERGROUND TANK ☐ f. CAN ☐ j. BAG ☐ n. PLASTIC BOTTLE ☐ r. OTHER
☐ c. TANK INSIDE BUILDING ☐ g. CARBOY ☐ k. BOX ☐ o. TOTE BIN
☐ d. STEEL DRUM ☐ h. SILO ☐ i. CYLINDER ☐ p. TANK WAGON

STORAGE PRESSURE 224. ☒ a. AMBIENT ☐ b. ABOVE AMBIENT ☐ c. BELOW AMBIENT

STORAGE TEMPERATURE 225. ☒ a. AMBIENT ☐ b. ABOVE AMBIENT ☐ c. BELOW AMBIENT ☐ d. CRYOGENIC

% WT	HAZARDOUS COMPONENT (For mixture or waste only)	EHS	CAS #
1. 226.	227.	☐ Yes ☐ No 228.	229.
2. 230.	231.	☐ Yes ☐ No 232.	233.
3. 234.	235.	☐ Yes ☐ No 236.	237.
4. 238.	239.	☐ Yes ☐ No 240.	241.
5. 242.	243.	☐ Yes ☐ No 244.	245.

If more hazardous components are present at greater than 1% by weight if non-carcinogenic, or 0.1% by weight if carcinogenic, attach additional sheets of paper capturing the required information.

ADDITIONAL LOCALLY COLLECTED INFORMATION 246.
DOT Hazard Class: Non Hazardous Liquid

If EPCRA, Please Sign Here.

UNIFIED PROGRAM CONSOLIDATED FORM
HAZARDOUS MATERIALS

HAZARDOUS MATERIALS INVENTORY – CHEMICAL DESCRIPTION

(one page per material per building or area)

☐ ADD ☐ DELETE ☐ REVISE 200. Page 9 of 15

I. FACILITY INFORMATION

BUSINESS NAME (Same as FACILITY NAME or DBA – Doing Business As) 3.
The Stuart Rental Co

CHEMICAL LOCATION 201.
Inside Warehouse

CHEMICAL LOCATION CONFIDENTIAL EPCRA 202.
☐ YES ☒ NO

FACILITY ID # (Agency Use Only) 1.

MAP # 203.
3-9-06

GRID # 204.
N-21

II. CHEMICAL INFORMATION

CHEMICAL NAME 205.

TRADE SECRET ☐ Yes ☒ No 206.
If Subject to EPCRA, refer to instructions

COMMON NAME 207.
Helium

EHS* ☐ Yes ☒ No 208.

CAS# 209.
7440-59-7

*If EHS is "Yes," all amounts below must be in lbs.

FIRE CODE HAZARD CLASSES (Complete if required by local agency) 210.

HAZARDOUS MATERIAL TYPE (Check one item only) ☒ a. PURE ☐ b. MIXTURE ☐ c. WASTE 211.

RADIOACTIVE ☐ Yes ☒ No 212.

CURIES 213.

PHYSICAL STATE (Check one item only) ☐ a. SOLID ☐ b. LIQUID ☒ c. GAS 214.

LARGEST CONTAINER 244 Cu. ft. 215.

FED HAZARD CATEGORIES (Check all that apply) ☐ a. FIRE ☐ b. REACTIVE ☒ c. PRESSURE RELEASE ☐ d. ACUTE HEALTH ☐ e. CHRONIC HEALTH 216.

AVERAGE DAILY AMOUNT 217.	MAXIMUM DAILY AMOUNT 218.	ANNUAL WASTE AMOUNT 219.	STATE WASTE CODE 220.
1,500 Cu ft.	3,000 Cu.ft.		

UNITS* (Check one item only) ☐ a. GALLONS ☒ b. CUBIC FEET ☐ c. POUNDS ☐ d. TONS 221.
* If EHS, amount must be in pounds.

DAYS ON SITE 222.
365

STORAGE CONTAINER
☐ a. ABOVEGROUND TANK ☐ b. UNDERGROUND TANK ☐ c. TANK INSIDE BUILDING ☐ d. STEEL DRUM ☐ e. PLASTIC/NONMETALLIC DRUM ☐ f. CAN ☐ g. CARBOY ☐ h. SILO ☐ i. FIBER DRUM ☐ j. BAG ☐ k. BOX ☒ l. CYLINDER ☐ m. GLASS BOTTLE ☐ n. PLASTIC BOTTLE ☐ o. TOTE BIN ☐ p. TANK WAGON ☐ q. RAIL CAR ☐ r. OTHER 223.

STORAGE PRESSURE ☐ a. AMBIENT ☒ b. ABOVE AMBIENT ☐ c. BELOW AMBIENT 224.

STORAGE TEMPERATURE ☒ a. AMBIENT ☐ b. ABOVE AMBIENT ☐ c. BELOW AMBIENT ☐ d. CRYOGENIC 225.

	% WT	HAZARDOUS COMPONENT (For mixture or waste only)	EHS	CAS #
1.	226.	227.	☐ Yes ☐ No 228.	229.
2.	230.	231.	☐ Yes ☐ No 232.	233.
3.	234.	235.	☐ Yes ☐ No 236.	237.
4.	238.	239.	☐ Yes ☐ No 240.	241.
5.	242.	243.	☐ Yes ☐ No 244.	245.

If more hazardous components are present at greater than 1% by weight if non-carcinogenic, or 0.1% by weight if carcinogenic, attach additional sheets of paper capturing the required information.

ADDITIONAL LOCALLY COLLECTED INFORMATION 246.
DOT Hazard Class: 2.2
UN 1046

If EPCRA, Please Sign Here.

UNIFIED PROGRAM CONSOLIDATED FORM
HAZARDOUS MATERIALS

HAZARDOUS MATERIALS INVENTORY – CHEMICAL DESCRIPTION

(one page per material per building or area)

☐ ADD ☐ DELETE ☐ REVISE 200. Page 4 of 15

I. FACILITY INFORMATION

BUSINESS NAME (Same as FACILITY NAME or DBA – Doing Business As) 3. The Stuart Rental Co.

CHEMICAL LOCATION 201. Inside Warehouse

CHEMICAL LOCATION CONFIDENTIAL EPCRA 202. ☐ YES ☒ NO

FACILITY ID # (Agency Use Only) 1.

MAP # 203. 3-09-06

GRID # 204. I-22

II. CHEMICAL INFORMATION

CHEMICAL NAME 205.

TRADE SECRET ☐ Yes ☒ No 206. If Subject to EPCRA, refer to instructions

COMMON NAME 207. Diesel Fuel #2

EHS* ☐ Yes ☒ No 208.

CAS# 209. 68 476-34-6

*If EHS is "Yes," all amounts below must be in lbs.

FIRE CODE HAZARD CLASSES (Complete if required by local agency) 210.

HAZARDOUS MATERIAL TYPE (Check one item only) ☐ a. PURE ☒ b. MIXTURE ☐ c. WASTE 211.

RADIOACTIVE ☐ Yes ☒ No 212.

CURIES 213.

PHYSICAL STATE (Check one item only) ☐ a. SOLID ☒ b. LIQUID ☐ c. GAS 214.

LARGEST CONTAINER 215. 30 Gallons

FED HAZARD CATEGORIES (Check all that apply) 216. ☒ a. FIRE ☐ b. REACTIVE ☐ c. PRESSURE RELEASE ☐ d. ACUTE HEALTH ☐ e. CHRONIC HEALTH

AVERAGE DAILY AMOUNT 217.	MAXIMUM DAILY AMOUNT 218.	ANNUAL WASTE AMOUNT 219.	STATE WASTE CODE
30 Gallons	50 Gallons		

UNITS* (Check one item only) 221. ☒ a. GALLONS ☐ b. CUBIC FEET ☐ c. POUNDS ☐ d. TONS * If EHS, amount must be in pounds.

DAYS ON SITE 222. 365

STORAGE CONTAINER 223.
☐ a. ABOVEGROUND TANK ☐ b. UNDERGROUND TANK ☐ c. TANK INSIDE BUILDING ☐ d. STEEL DRUM ☐ e. PLASTIC/NONMETALLIC DRUM ☒ f. CAN ☐ g. CARBOY ☐ h. SILO ☐ i. FIBER DRUM ☐ j. BAG ☐ k. BOX ☐ l. CYLINDER ☐ m. GLASS BOTTLE ☐ n. PLASTIC BOTTLE ☐ o. TOTE BIN ☐ p. TANK WAGON ☐ q. RAIL CAR ☐ r. OTHER

STORAGE PRESSURE 224. ☒ a. AMBIENT ☐ b. ABOVE AMBIENT ☐ c. BELOW AMBIENT

STORAGE TEMPERATURE 225. ☒ a. AMBIENT ☐ b. ABOVE AMBIENT ☐ c. BELOW AMBIENT ☐ d. CRYOGENIC

	% WT	HAZARDOUS COMPONENT (For mixture or waste only)	EHS	CAS #
1.	226.	227.	☐ Yes ☐ No 228.	229.
2.	230.	231.	☐ Yes ☐ No 232.	233.
3.	234.	235.	☐ Yes ☐ No 236.	237.
4.	238.	239.	☐ Yes ☐ No 240.	241.
5.	242.	243.	☐ Yes ☐ No 244.	245.

If more hazardous components are present at greater than 1% by weight if non-carcinogenic, or 0.1% by weight if carcinogenic, attach additional sheets of paper capturing the required information.

ADDITIONAL LOCALLY COLLECTED INFORMATION 246.
DOT Hazard Class: 3 UN 1202

If EPCRA, Please Sign Here.

MILPITAS FIRE DEPARTMENT
HAZARDOUS MATERIALS & ENVIRONMENTAL SERVICES UNIT
HAZARDOUS MATERIALS INSPECTION REPORT
CALIFORNIA FIRE CODE, 2001
MILPITAS MUNICIPAL CODE, TITLE V, CHAPTER 300

Fire Department Number
01-0454

Inspection Date 01/25/06

STUART RENTAL COMPANY
00454 S Abbott Ave
Milpitas, Ca 95035

Pablo Campos (408) 856 - 3232 ext.
Contact Phone Number

Permitted Activities:

HM	FL	HP									

MRI	KX	EL	FA	HS	HD	OS	SS
			FA			OS	SS

The Milpitas Fire Department conducted a Hazardous Materials inspection at the above address. This notice identifies code violations and the minimum requirements necessary to comply. Items marked with an "X" below will require your attention to come into compliance. Additional information may be written on this notice by the Inspector to provide you with direction for compliance.

Date Abated

☐ 1. Storage cabinets for flammable or combustible liquids shall have well fitted, self closing doors with a latching device; labeled "FLAMMABLE-KEEP FIRE AWAY"; bottom 2 inches liquid tight. [CFC 7902.5.9.3] _____

☐ 2. All flammable and combustible liquids in excess of maintenance and work station amounts (10 gallons) shall be located in an approved storage cabinet. Volumes stored shall not exceed those permitted by the Fire Code. [CFC 7902.5.8] _____

☐ 3. Empty tanks and containers previously used for flammable and combustible liquids unless free from explosive vapors, shall be stored as full with cover or plugs in place. [CFC 7902.5.3] _____

☐ 4. Storage of class I, II, or IIIA liquids shall not be near exit doorways, stairways or a location which may impede egress. [CFC 7902.5.5] _____

☐ 5. Dispensing of class I liquids is only allowed from approved safety cans or original containers. [CFC 7903.1.3.5] _____

☐ 6. Class IA flammable liquids shall not be dispensed by gravity from tanks. [CFC 7903.1.3.5] _____

☐ 7. When a flammable mixture is transferred from one container to another one shall be grounded. Piping systems shall be permanently grounded. [CFC 7903.2.1.3] _____

☐ 8. Storage cabinets for hazardous materials liquids shall have well fitted, self closing doors equipped with a self latching device; bottom 2 inches liquid tight and labeled "HAZARDOUS-KEEP FIRE AWAY". [CFC 8001.10.6.2] _____

☐ 9. Secondary containment is required for areas where hazardous materials are stored. [CFC 8001.11.11 as amended by MMC V-300-2.81] _____

☐ 10. Individual storage areas shall have dedicated drainage to prevent mixing of incompatible materials. [CFC 8003.1.3.3] _____

☐ 11. Containers previously containing a regulated material shall not be used to store a different material unless container is cleaned in an approved manner and properly labeled for new contents. [CFC 8001.4.6] _____

☐ 12. All containers in storage shall be arranged in an approved manner, non-compatibles separated (flammables, corrosives, oxidizers, etc.). [CFC 8001.11.8] _____

☐ 13. Signs prohibiting smoking shall be provided in storage areas and within 25 feet of outdoor storage areas. [CFC 8001.8; 8003.1.2] _____

☐ 14. Gas cylinders shall be properly identified, located, and secured. [CFC 7401.5.1; 7401.6.4] _____

☐ 15. Empty containers and tanks previously used for the storage of hazardous materials shall be free from residual materials and vapor as defined by DOT, RCRA or other regulating authority or maintained as specified for the storage of hazardous materials. [CFC 8001.4.6] _____

☐ 16. Open flames & high-temperature devices shall not be used in a manner which creates a hazardous condition. [CFC 8001.9] _____

Fire Department Number 01-0454

☐ 17. Material Safety Data Sheets (MSDS) shall be available at the facility for all materials present. [CFC 8001.6]

☐ 18. All regulated material waste shall be disposed of in an approved manner. Hazardous materials shall not be released into the sewer, storm drain, ditch, drainage canal, lake, river, or tidal waterway, or upon the ground, sidewalk, street, highway or into the atmosphere. [CFC 8001.5.1]

☐ 19. Individual containers, cartons, packages shall be conspicuously marked or labeled in accordance with nationally recognized standards. [CFC 8001.8]

☐ 20. Entrances to areas where hazardous materials are stored, and stationary above ground tanks shall be placarded with NFPA 704 Hazard Signal System for the material(s) contained. [CFC 8001.7 , 8003.1.2]

☐ 21. All above ground piping shall be properly secured and labeled identifying product and direction of flow every 20 feet. [CFC 8001.4.3.2 as amended by MMC-V-300-2.52]

☐ 22. Process equipment shall be maintained as designed to prevent accidental discharge of hazardous materials. [CFC 8001.4.7.1]

☒ 23. A (revised) Hazardous Materials Business Plan shall be submitted within ~~10~~ 30 days. (PROPANE & SOAPS/DETERGENTS) [CFC 8001.3.2]

☐ 24. A monitoring method capable of detecting hazardous material leakage from the primary containment into the secondary containment shall be provided. [CFC 8001.11.10 as amended by MMC-V-300-2.80]

☐ 25. Routine inspections of all hazardous materials storage areas and spills of hazardous materials shall be recorded, on a weekly basis, on a monitoring log. [CFC 8001.11.10]

☐ 26. All processes new to the facility shall have Fire Department approval prior to installation and use. [CFC 8001.3.1]

☐ 27. A permit is required to install, repair, abandon, remove, place temporarily out of service, close or substantially modify a storage facility. [CFC 8001.3.1]

ADDITIONAL VIOLATIONS:

☐ See supplemental sheet for additional violations.

ORDERS:

1. SUBMIT APPLICATION FOR (HIGH PILED COMBUSTIBLE STORAGE
2. PROVIDE SIGN FOR EMPTY PROPANE CONTAINERS

COMMENTS:

* 5 YEAR TEST DUE THIS YEAR

3. REMOVE STORAGE FROM EXIT

REFERRALS:

Your facility will be referred to the following agency(s) for items noted during this inspection which are beyond the scope of this inspection:

☐ **No Hazardous Material violations were observed during the initial inspection.**

For your information: If your business handles hazardous waste, Santa Clara County Hazardous Materials Compliance Division may perform an inspection of your business. For more information, contact 918-3400.

If necessary, a 1st and 2nd re-inspection shall be conducted on or about 30 days from the initial inspection and 15 days from the 1st re-inspection respectively to determine if violation(s) noted above have been corrected and/or orders have been complied with.

Failure to comply with orders and correct violations may render you liable to the penalties as set forth by law, including, but not limited to, administrative, civil and/or criminal citations.

The Fire Department prefers compliance be obtained through the willingness of an individual to comply, and as always, remains ready to assist in this process. If you have any questions or wish to discuss this matter, please contact this office at (408) 586-3365.

Received By: _____ Inspector: _____

Milpitas Fire Department, Bureau of Fire Prevention, 455 E. Calaveras Blvd., Milpitas, CA 95035
Phone (408) 586-3365 FAX (408) 586-3378

Distribution: WHITE - Fire Department Address File
YELLOW - Business Responsible

UNIFIED PROGRAM CONSOLIDATED FORM
FACILITY INFORMATION

BUSINESS OWNER/OPERATOR IDENTIFICATION

I. IDENTIFICATION

FACILITY ID # (Agency Use Only)	1.	BEGINNING DATE 100.: 9/12/2005	ENDING DATE 101.: 9/12/2008
BUSINESS NAME (Same as FACILITY NAME or DBA – Doing Business As) 3.: Elmwood Correctional Facility			BUSINESS PHONE 102.: (408) 957-5440
BUSINESS SITE ADDRESS 103.: 701 S. Abel Street			
CITY: Milpitas		CA	ZIP CODE 105.: 95035
DUN & BRADSTREET: N/A		106.	SIC CODE (4 digit #) 107.: 9223-03 (NAICS)
COUNTY 108.: Santa Clara			
BUSINESS OPERATOR NAME 109.: County of Santa Clara Department of Correction			BUSINESS OPERATOR PHONE 110.: (408) 957-5300
OWNER NAME 111.: County of Santa Clara Department of Corrections			OWNER PHONE 112.: (408) 957-5300
OWNER MAILING ADDRESS 113.: 701 S. Abel Street			
CITY 114.: Milpitas	STATE 115.: Ca.		ZIP CODE 116.: 95035

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SEP 2 6 2005
MILPITAS
FIRE PREVENTION

III. ENVIRONMENTAL CONTACT

CONTACT NAME 117.: George Carson	CONTACT PHONE 118.: (408) 918-2713
CONTACT MAILING ADDRESS 119.: 1555 Berger Drive Bldg #3	

CITY 120.: San Jose	STATE 121.: Ca.	ZIP CODE 122.: 95112

IV. EMERGENCY CONTACTS

-PRIMARY-	-SECONDARY-
NAME 123.: MAC Room	NAME 128.: John Payne
TITLE 124.: Operations Center Response Call-Out	TITLE 129.: Facility Operations Manager
BUSINESS PHONE 125.: (408) 299-3682	BUSINESS PHONE 130.: (408) 957-5440
24-HOUR PHONE* 126.: (408) 299-3682	24-HOUR PHONE* 131.: (408) 593-7669 (cell)
PAGER # 127.:	PAGER # 132.: (877) 670-4810 (George Carson's Pager)

ADDITIONAL LOCALLY COLLECTED INFORMATION: 133.

Property Owner: County of Santa Clara Department of Corrections Phone (408) 957-5300

Billing Address: _____

FAF Building Operations Attn: George Carson 1555 Berger Drive Bldg #3 San Jose, Ca 95112

Certification: Based on my inquiry of those individuals responsible for obtaining the information, I certify under penalty of law that I have personally examined and am familiar with the information submitted and believe the information is true, accurate, and complete.

SIGNATURE OF OWNER/OPERATOR OR DESIGNATED REPRESENTATIVE	DATE 134.: 9/12/05	NAME OF DOCUMENT PREPARER 135.: George Carson
NAME OF SIGNER (print) 136.: John Payne	TITLE OF SIGNER 137.: Facilities Operations Manager	

* See Instructions on next page.

FV

Date: 09/12/2005

Non-Waste Hazardous Materials Inventory Statement

For use by Unidocs Member Agencies or where approved by your Local Jurisdiction

Business Name: Elmwood Correctional Facility (Same as Facility Name or DBA)

Type of Report on This Page: ☐ Add; ☐ Delete; ☒ Revise

Page 16 **of** 28 (One page per building or area)

Chemical Location: Shops (Building/Storage Area) FLAMMABLE SHED

EPCRA Confidential Location? ☐ Yes; ☒ No

Trade Secret Information? ☐ Yes; ☒ No

Facility ID # (Agency Use Only)

1. Haz. Class	2. Map and Grid or Location Code	3. Common Name	4. Hazardous Components (For mixtures only) Chemical Name	% Wt.	EHS	CAS No.	5. Type and Physical State	6. Quantities Max. Daily	Average Daily	Largest Cont.	7. Units	8. Storage Codes Storage Pressure	Storage Temp.	9. Hazard Categories
3	Haz Mat Shed	Gasoline			☐		☒ pure ☐ mixture	35	12	5	☒ gallons ☐ pounds ☐ cu. feet ☐ tons	☒ ambient ☐ > amb. ☐ < amb.	☒ ambient ☐ > amb. ☐ < amb. ☐ cryogenic	☒ fire ☐ reactive ☐ pressure ☐ acute health ☒ chronic health ☐ radioactive
		CAS No.: 8006-61-9 ☐ EHS			☐		☐ solid ☒ liquid ☐ gas	Curies: (If radioactive)	Days On Site: 365	Storage Container:* F/N				
3	Haz Mat Shed	Propane			☐		☒ pure ☐ mixture	24	12	7	☒ gallons ☐ pounds ☐ cu. feet ☐ tons	☐ ambient ☒ > amb. ☐ < amb.	☒ ambient ☐ > amb. ☐ < amb. ☐ cryogenic	☒ fire ☐ reactive ☐ pressure release ☐ acute health ☒ chronic health ☐ radioactive
		CAS No.: 74-98-6 ☐ EHS			☐		☐ solid ☐ liquid ☒ gas	Curies: (If radioactive)	Days On Site: 365	Storage Container:* L				
3	Haz Mat Shed	Mineral Spirits			☐		☒ pure ☐ mixture	30	20	5	☒ gallons ☐ pounds ☐ cu. feet ☐ tons	☒ ambient ☐ > amb. ☐ < amb.	☒ ambient ☐ > amb. ☐ < amb. ☐ cryogenic	☒ fire ☐ reactive ☐ pressure release ☐ acute health ☒ chronic health ☐ radioactive
		CAS No.: 64742-47-8 ☐ EHS			☐		☐ solid ☒ liquid ☐ gas	Curies: (If radioactive)	Days On Site: 365	Storage Container:* N				
3	Haz Mat Shed	Diesel Fuel			☐		☒ pure ☐ mixture	30	20	5	☒ gallons ☐ pounds ☐ cu. feet ☐ tons	☒ ambient ☐ > amb. ☐ < amb.	☒ ambient ☐ > amb. ☐ < amb. ☐ cryogenic	☒ fire ☐ reactive ☐ pressure release ☐ acute health ☒ chronic he... ☐ radioacti...
		CAS No.: 68476-34-6 ☐ EHS			☐		☐ solid ☒ liquid ☐ gas	Curies: (If radioactive)	Days On Site: 365	Storage Container:* F/N				
					☐		☐ pure ☐ mixture				☐ gallons ☐ pounds ☐ cu. feet ☐ tons	☐ ambient ☐ > amb. ☐ < amb.	☐ ambient ☐ > amb. ☐ < amb. ☐ cryogenic	☐ fire ☐ reactive ☐ pressure release ☐ acute health ☐ chronic health ☐ radioactive
		CAS No.: ☐ EHS			☐		☐ solid ☐ liquid ☐ gas	Curies: (If radioactive)	Days On Site:	Storage Container:*				
					☐		☐ pure ☐ mixture				☐ gallons ☐ pounds ☐ cu. feet ☐ tons	☐ ambient ☐ > amb. ☐ < amb.	☐ ambient ☐ > amb. ☐ < amb. ☐ cryogenic	☐ fire ☐ reactive ☐ pressure release ☐ acute health ☐ chronic health ☐ radioactive
		CAS No.: ☐ EHS			☐		☐ solid ☐ liquid ☐ gas	Curies: (If radioactive)	Days On Site:	Storage Container:*				

* Storage Container Codes

Code	Storage Type	Code	Storage Type	Code	Storage Type	Code	Storage Type	Code	Storage Type	Code	Storage Type
A	Aboveground Tank	D	Steel Drum	G	Carboy	J	Bag	M	Glass Bottle or Jug	P	Tank Wagon
B	Belowground Tank	E	Plastic/Non-metallic Drum	H	Silo	K	Box	N	Plastic Bottle or Jug	Q	Rail Car
C	Tank Inside Building	F	Can	I	Fiber Drum	L	Cylinder	O	Tote Bin	R	Other

If EPCRA, sign below:

_____

Date: 09/12/2005

Non-Waste Hazardous Materials Inventory Statement

For use by Unidocs Member Agencies or where approved by your Local Jurisdiction

Business Name: Elmwood Correctional Facility (Same as Facility Name or DBA)

Type of Report on This Page: ☐ Add; ☐ Delete; ☒ Revise

Page 18 **of** 28 (One page per building or area)

Chemical Location: Correction Center for Women (Building/Storage Area)

EPCRA Confidential Location? ☐ Yes; ☒ No
Trade Secret Information? ☐ Yes; ☒ No

Facility ID # (Agency Use Only)

1. Haz. Class	2. Map and Grid or Location Code	3. Common Name	4. Hazardous Components (For mixtures only) Chemical Name	% Wt.	EHS	CAS No.	5. Type and Physical State	6. Quantities Max. Daily	Average Daily	Largest Cont.	7. Units	8. Storage Codes Storage Pressure	Storage Temp.	9. Hazard Categories
3	F Pad Also Main Map F Pad	DIESEL FUEL			☐		☒ pure ☐ mixture	1000	650	1000	☒ gallons ☐ pounds ☐ cu. feet ☐ tons	☒ ambient ☐ > amb. ☐ < amb.	☒ ambient ☐ > amb. ☐ < amb. ☐ cryogenic	☒ fire ☐ reactive ☐ pressure r ☐ acute health ☒ chronic health ☐ radioactive
		CAS No.: 68476-34-6			☐ EHS		☐ solid ☒ liquid ☐ gas	Curies: (If radioactive)	Days On Site: 365	Storage Container:* A				
3	SHED	GASOLINE			☐		☒ pure ☐ mixture	11	5	5	☒ gallons ☐ pounds ☐ cu. feet ☐ tons	☒ ambient ☐ > amb. ☐ < amb.	☒ ambient ☐ > amb. ☐ < amb. ☐ cryogenic	☒ fire ☐ reactive ☐ pressure release ☐ acute health ☒ chronic health ☐ radioactive
		CAS No.: 8006-61-9			☐ EHS		☐ solid ☒ liquid ☐ gas	Curies: (If radioactive)	Days On Site: 365	Storage Container:* F				
3	SHED	VARIOUS PAINTS			☐		☐ pure ☒ mixture	15	10	1	☒ gallons ☐ pounds ☐ cu. feet ☐ tons	☒ ambient ☒ > amb. ☐ < amb.	☒ ambient ☐ > amb. ☐ < amb. ☐ cryogenic	☒ fire ☐ reactive ☐ pressure release ☐ acute health ☒ chronic health ☐ radioactive
		CAS No.:			☐ EHS		☒ solid ☐ liquid ☐ gas	Curies: (If radioactive)	Days On Site: 365	Storage Container:* F/N				
					☐		☐ pure ☐ mixture				☐ gallons ☐ pounds ☐ cu. feet ☐ tons	☐ ambient ☐ > amb. ☐ < amb.	☐ ambient ☐ > amb. ☐ < amb. ☐ cryogenic	☐ fire ☐ reactive ☐ pressure release ☐ acute health ☐ chronic hea ☐ radioactiv
		CAS No.:			☐ EHS		☐ solid ☐ liquid ☐ gas	Curies: (If radioactive)	Days On Site:	Storage Container:*				
					☐		☐ pure ☐ mixture				☐ gallons ☐ pounds ☐ cu. feet ☐ tons	☐ ambient ☐ > amb. ☐ < amb.	☐ ambient ☐ > amb. ☐ < amb. ☐ cryogenic	☐ fire ☐ reactive ☐ pressure release ☐ acute health ☐ chronic health ☐ radioactive
		CAS No.:			☐ EHS		☐ solid ☐ liquid ☐ gas	Curies: (If radioactive)	Days On Site:	Storage Container:*				
					☐		☐ pure ☐ mixture				☐ gallons ☐ pounds ☐ cu. feet ☐ tons	☐ ambient ☐ > amb. ☐ < amb.	☐ ambient ☐ > amb. ☐ < amb. ☐ cryogenic	☐ fire ☐ reactive ☐ pressure release ☐ acute health ☐ chronic health ☐ radioactive
		CAS No.:			☐ EHS		☐ solid ☐ liquid ☐ gas	Curies: (If radioactive)	Days On Site:	Storage Container:*				

* Storage Container Codes

Code	Storage Type	Code	Storage Type	Code	Storage Type	Code	Storage Type	Code	Storage Type	Code	Storage Type
A	Aboveground Tank	D	Steel Drum	G	Carboy	J	Bag	M	Glass Bottle or Jug	P	Tank Wagon
B	Belowground Tank	E	Plastic/Non-metallic Drum	H	Silo	K	Box	N	Plastic Bottle or Jug	Q	Rail Car
C	Tank Inside Building	F	Can	I	Fiber Drum	L	Cylinder	O	Tote Bin	R	Other

If EPCRA, sign below:

_____

Date: 09/12/2005

Non-Waste Hazardous Materials Inventory Statement

For use by Unidocs Member Agencies or where approved by your Local Jurisdiction

Business Name: Elmwood Correctional Facility (Same as Facility Name or DBA)

Type of Report on This Page: ☐ Add; ☐ Delete; ☒ Revise

Page 5 **of** 28 (One page per building or area)

Chemical Location: M8 Facility Map (Building/Storage Area)

EPCRA Confidential Location? ☐ Yes; ☒ No
Trade Secret Information? ☐ Yes; ☒ No

Facility ID # (Agency Use Only)

1. Haz. Class	2. Map and Grid or Location Code	3. Common Name	4. Hazardous Components (For mixtures only) Chemical Name	% Wt.	EHS	CAS No.	5. Type and Physical State	6. Quantities Max. Daily	Average Daily	Largest Cont.	7. Units	8. Storage Codes Storage Pressure	Storage Temp.	9. Hazard Categories
3	M8 AST E Pad	DIESEL FUEL			☐		☒ pure ☐ mixture	2000	1500	2000	☒ gallons ☐ pounds ☐ cu. feet ☐ tons	☒ ambient ☐ > amb. ☐ < amb.	☒ ambient ☐ > amb. ☐ < amb. ☐ cryogenic	☒ fire ☐ reactive ☐ pressure r ☐ acute health ☒ chronic health ☐ radioactive
		CAS No.: 68476-34-6 ☐ EHS			☐		☐ solid ☒ liquid ☐ gas	Curies: (If radioactive)	Days On Site: 365	Storage Container:* A				
					☐		☐ pure ☐ mixture				☐ gallons ☐ pounds ☐ cu. feet ☐ tons	☐ ambient ☐ > amb. ☐ < amb.	☐ ambient ☐ > amb. ☐ < amb. ☐ cryogenic	☐ fire ☐ reactive ☐ pressure release ☐ acute health ☐ chronic health ☐ radioactive
		CAS No.: ☐ EHS			☐		☐ solid ☐ liquid ☐ gas	Curies: (If radioactive)	Days On Site:	Storage Container:*				
					☐		☐ pure ☐ mixture				☐ gallons ☐ pounds ☐ cu. feet ☐ tons	☐ ambient ☐ > amb. ☐ < amb.	☐ ambient ☐ > amb. ☐ < amb. ☐ cryogenic	☐ fire ☐ reactive ☐ pressure release ☐ acute health ☐ chronic health ☐ radioactive
		CAS No.: ☐ EHS			☐		☐ solid ☐ liquid ☐ gas	Curies: (If radioactive)	Days On Site:	Storage Container:*				
					☐		☐ pure ☐ mixture				☐ gallons ☐ pounds ☐ cu. feet ☐ tons	☐ ambient ☐ > amb. ☐ < amb.	☐ ambient ☐ > amb. ☐ < amb. ☐ cryogenic	☐ fire ☐ reactive ☐ pressure release ☐ acute health ☐ chronic he ☐ radioactive
		CAS No.: ☐ EHS			☐		☐ solid ☐ liquid ☐ gas	Curies: (If radioactive)	Days On Site:	Storage Container:*				
					☐		☐ pure ☐ mixture				☐ gallons ☐ pounds ☐ cu. feet ☐ tons	☐ ambient ☐ > amb. ☐ < amb.	☐ ambient ☐ > amb. ☐ < amb. ☐ cryogenic	☐ fire ☐ reactive ☐ pressure release ☐ acute health ☐ chronic health ☐ radioactive
		CAS No.: ☐ EHS			☐		☐ solid ☐ liquid ☐ gas	Curies: (If radioactive)	Days On Site:	Storage Container:*				
					☐		☐ pure ☐ mixture				☐ gallons ☐ pounds ☐ cu. feet ☐ tons	☐ ambient ☐ > amb. ☐ < amb.	☐ ambient ☐ > amb. ☐ < amb. ☐ cryogenic	☐ fire ☐ reactive ☐ pressure release ☐ acute health ☐ chronic health ☐ radioactive
		CAS No.: ☐ EHS			☐		☐ solid ☐ liquid ☐ gas	Curies: (If radioactive)	Days On Site:	Storage Container:*				

* Storage Container Codes

Code	Storage Type	Code	Storage Type	Code	Storage Type	Code	Storage Type	Code	Storage Type	Code	Storage Type
A	Aboveground Tank	D	Steel Drum	G	Carboy	J	Bag	M	Glass Bottle or Jug	P	Tank Wagon
B	Belowground Tank	E	Plastic/Non-metallic Drum	H	Silo	K	Box	N	Plastic Bottle or Jug	Q	Rail Car
C	Tank Inside Building	F	Can	I	Fiber Drum	L	Cylinder	O	Tote Bin	R	Other

If EPCRA, sign below:

_____

Date: 09/12/2005

Non-Waste Hazardous Materials Inventory Statement

For use by Unidocs Member Agencies or where approved by your Local Jurisdiction

Business Name: Elmwood Correctional Facility (Same as Facility Name or DBA)

Type of Report on This Page: ☐ Add; ☐ Delete; ☒ Revise

Page 6 of 28 (One page per building or area)

Chemical Location: M 2 AST's Facility Map (Building/Storage Area)

EPCRA Confidential Location? ☐ Yes; ☒ No

Trade Secret Information? ☐ Yes; ☒ No

Facility ID # (Agency Use Only)

1. Haz. Class	2. Map and Grid or Location Code	3. Common Name	4. Hazardous Components (For mixtures only) Chemical Name	% Wt.	EHS	CAS No.	5. Type and Physical State	6. Quantities Max. Daily	Average Daily	Largest Cont.	7. Units	8. Storage Codes Storage Pressure	Storage Temp.	9. Hazard Categories
3	M2 AST A (1) A Pad	DIESEL			☐		☒ pure ☐ mixture	1000	750	1000	☒ gallons ☐ pounds ☐ cu. feet ☐ tons	☒ ambient ☐ > amb. ☐ < amb.	☒ ambient ☐ > amb. ☐ < amb. ☐ cryogenic	☒ fire ☐ reactive ☐ pressure release ☐ acute health ☒ chronic health ☐ radioactive
		CAS No.: 68476-34-6 ☐ EHS					☐ solid ☒ liquid ☐ gas	Curies: (If radioactive)	Days On Site: 365	Storage Container:* A				
3	M2 AST A (2) A Pad	DIESEL			☐		☒ pure ☐ mixture	1000	750	1000	☒ gallons ☐ pounds ☐ cu. feet ☐ tons	☒ ambient ☐ > amb. ☐ < amb.	☒ ambient ☐ > amb. ☐ < amb. ☐ cryogenic	☒ fire ☐ reactive ☐ pressure release ☐ acute health ☒ chronic health ☐ radioactive
		CAS No.: 68476-34-6 ☐ EHS					☐ solid ☒ liquid ☐ gas	Curies: (If radioactive)	Days On Site: 365	Storage Container:* A				
3	M2 AST A (3) A Pad	DIESEL			☐		☒ pure ☐ mixture	300	300	300	☒ gallons ☐ pounds ☐ cu. feet ☐ tons	☒ ambient ☐ > amb. ☐ < amb.	☒ ambient ☐ > amb. ☐ < amb. ☐ cryogenic	☒ fire ☐ reactive ☐ pressure release ☐ acute health ☒ chronic health ☐ radioactive
		CAS No.: 68476-34-6 ☐ EHS					☐ solid ☒ liquid ☐ gas	Curies: (If radioactive)	Days On Site: 365	Storage Container:* A				
3	M2 AST B (1) B Pad	DIESEL			☐		☒ pure ☐ mixture	1000	750	1000	☒ gallons ☐ pounds ☐ cu. feet ☐ tons	☒ ambient ☐ > amb. ☐ < amb.	☒ ambient ☐ > amb. ☐ < amb. ☐ cryogenic	☒ fire ☐ reactive ☐ pressure release ☐ acute health ☒ chronic health ☐ radioactive
		CAS No.: 68476-34-6 ☐ EHS					☐ solid ☒ liquid ☐ gas	Curies: (If radioactive)	Days On Site: 365	Storage Container:* A				
3	M2 AST B (2) B Pad	DIESEL			☐		☒ pure ☐ mixture	1000	750	1000	☒ gallons ☐ pounds ☐ cu. feet ☐ tons	☒ ambient ☐ > amb. ☐ < amb.	☒ ambient ☐ > amb. ☐ < amb. ☐ cryogenic	☒ fire ☐ reactive ☐ pressure release ☐ acute health ☒ chronic health ☐ radioactive
		CAS No.: 68476-34-6 ☐ EHS					☐ solid ☒ liquid ☐ gas	Curies: (If radioactive)	Days On Site: 365	Storage Container:* A				
					☐		☐ pure ☐ mixture				☐ gallons ☐ pounds ☐ cu. feet ☐ tons	☐ ambient ☐ > amb. ☐ < amb.	☐ ambient ☐ > amb. ☐ < amb. ☐ cryogenic	☐ fire ☐ reactive ☐ pressure release ☐ acute health ☐ chronic health ☐ radioactive
		CAS No.: ☐ EHS					☐ solid ☐ liquid ☐ gas	Curies: (If radioactive)	Days On Site:	Storage Container:*				

* Storage Container Codes

Code	Storage Type	Code	Storage Type	Code	Storage Type	Code	Storage Type	Code	Storage Type	Code	Storage Type
A	Aboveground Tank	D	Steel Drum	G	Carboy	J	Bag	M	Glass Bottle or Jug	P	Tank Wagon
B	Belowground Tank	E	Plastic/Non-metallic Drum	H	Silo	K	Box	N	Plastic Bottle or Jug	Q	Rail Car
C	Tank Inside Building	F	Can	I	Fiber Drum	L	Cylinder	O	Tote Bin	R	Other

If EPCRA, sign below:

_____

Date: 9/12/2005

Non-Waste Hazardous Materials Inventory Statement

For use by Unidocs Member Agencies or where approved by your Local Jurisdiction

Business Name: Elmwood Correctional Facility (Same as Facility Name or DBA)

Type of Report on This Page: ☐ Add; ☐ Delete; ☒ Revise

Page 8 **of** 28 (One page per building or area)

Chemical Location: INDUSTRIES (Building/Storage Area)

EPCRA Confidential Location? ☐ Yes; ☒ No

Trade Secret Information? ☐ Yes; ☒ No

Facility ID # (Agency Use Only)

1. Haz. Class	2. Map and Grid or Location Code	3. Common Name	4. Hazardous Components (For mixtures only) Chemical Name	% Wt.	EHS	CAS No.	5. Type and Physical State	6. Quantities Max. Daily	Average Daily	Largest Cont.	7. Units	8. Storage Codes Storage Pressure	Storage Temp.	9. Hazard Categories
3	Inside Flammable Storage Industries Map	Gasoline			☐		☒ pure ☐ mixture	20	12	5	☒ gallons ☐ pounds ☐ cu. feet ☐ tons	☒ ambient ☐ > amb. ☐ < amb.	☒ ambient ☐ > amb. ☐ < amb. ☐ cryogenic	☒ fire ☐ reactive ☐ pressure r ☒ acute health ☒ chronic health ☐ radioactive
		CAS No.: 80006-61-9 ☐ EHS					☐ solid ☒ liquid ☐ gas	Curies: (If radioactive)	Days On Site: 365	Storage Container:* F/N				
2.1	Inside Flammable Storage Industries Map	Propane			☐		☒ pure ☐ mixture	70	34	11	☒ gallons ☐ pounds ☐ cu. feet ☐ tons	☐ ambient ☒ > amb. ☐ < amb.	☒ ambient ☐ > amb. ☐ < amb. ☐ cryogenic	☒ fire ☐ reactive ☒ pressure release ☐ acute health ☐ chronic health ☐ radioactive
		CAS No.: 74-98-6 ☐ EHS					☐ solid ☒ liquid ☒ gas	Curies: (If radioactive)	Days On Site: 365	Storage Container:* L				
3	Outside Flammable Storage Industries Map	Paint/remover/thinner	Petroleum Distillates		☐	8008-20-6	☐ pure ☒ mixture	55	30	55	☒ gallons ☐ pounds ☐ cu. feet ☐ tons	☒ ambient ☐ > amb. ☐ < amb.	☒ ambient ☐ > amb. ☐ < amb. ☐ cryogenic	☒ fire ☐ reactive ☐ pressure release ☒ acute health ☒ chronic health ☐ radioactive
			Toluene		☐	108-88-3								
			Methly- n-Amyl Ketone		☐	110-43-0								
		CAS No.: ☐ EHS					☐ solid ☒ liquid ☐ gas	Curies: (If radioactive)	Days On Site: 365	Storage Container:* F/N				
2.2	Shops Area Map Temp Area	Argon/CO2 75%-25%	Argon	75%	☐	7440-37-1	☐ pure ☒ mixture	900	600	225	☐ gallons ☐ pounds ☒ cu. feet ☐ tons	☐ ambient ☒ > amb. ☐ < amb.	☐ ambient ☐ > amb. ☐ < amb. ☐ cryogenic	☐ fire ☐ reactive ☒ pressure release ☒ acute health ☐ chronic hea ☐ radioactive
			Carbon Dioxide	25%	☐	124-38-9								
		CAS No.: ☐ EHS					☐ solid ☐ liquid ☒ gas	Curies: (If radioactive)	Days On Site: 365	Storage Container:* L				
2.1	Shops Area Map Temp Area	Oxygen			☐		☒ pure ☐ mixture	2250	1800	225	☐ gallons ☐ pounds ☒ cu. feet ☐ tons	☐ ambient ☒ > amb. ☐ < amb.	☒ ambient ☐ > amb. ☐ < amb. ☐ cryogenic	☒ fire ☒ reactive ☒ pressure release ☐ acute health ☐ chronic health ☐ radioactive
		CAS No.: 7782-44-7 ☐ EHS					☐ solid ☐ liquid ☒ gas	Curies: (If radioactive)	Days On Site: 365	Storage Container:* L				
2.1	Shops Area Map Temp Area	Acetylene			☐		☒ pure ☐ mixture	672	400	112	☐ gallons ☐ pounds ☒ cu. feet ☐ tons	☐ ambient ☒ > amb. ☐ < amb.	☒ ambient ☐ > amb. ☐ < amb. ☐ cryogenic	☒ fire ☒ reactive ☒ pressure release ☒ acute health ☐ chronic health ☐ radioactive
		CAS No.: 75-05-8 ☐ EHS					☐ solid ☐ liquid ☒ gas	Curies: (If radioactive)	Days On Site: 365	Storage Container:* L				

* Storage Container Codes

Code	Storage Type	Code	Storage Type	Code	Storage Type	Code	Storage Type	Code	Storage Type	Code	Storage Type
A	Aboveground Tank	D	Steel Drum	G	Carboy	J	Bag	M	Glass Bottle or Jug	P	Tank Wagon
B	Belowground Tank	E	Plastic/Non-metallic Drum	H	Silo	K	Box	N	Plastic Bottle or Jug	Q	Rail Car
C	Tank Inside Building	F	Can	I	Fiber Drum	L	Cylinder	O	Tote Bin	R	Other

If EPCRA, sign below:

_____

Date: 09/12/2005

Non-Waste Hazardous Materials Inventory Statement

For use by Unidocs Member Agencies or where approved by your Local Jurisdiction

Business Name: Elmwood Correctional Facility (Same as Facility Name or DBA)

Type of Report on This Page: ☐ Add; ☐ Delete; ☒ Revise

Page 9 **of** 28 (One page per building or area)

Chemical Location: Industries (Building/Storage Area)

EPCRA Confidential Location? ☐ Yes; ☒ No
Trade Secret Information? ☐ Yes; ☒ No

Facility ID # (Agency Use Only)

1. Haz. Class	2. Map and Grid or Location Code	3. Common Name	4. Hazardous Components (For mixtures only) Chemical Name	% Wt.	EHS	CAS No.	5. Type and Physical State	6. Quantities Max. Daily	Average Daily	Largest Cont.	7. Units	8. Storage Codes Storage Pressure	Storage Temp.	9. Hazard Categories
3	Industries AST D D-Pad **Main Map**	Diesel Fuel			☐		☒ pure ☐ mixture	300	250	300	☒ gallons ☐ pounds ☐ cu. feet ☐ tons	☒ ambient ☐ > amb. ☐ < amb.	☒ ambient ☐ > amb. ☐ < amb. ☐ cryogenic	☒ fire ☐ reactive ☐ pressure r ☐ acute health ☒ chronic health ☐ radioactive
		CAS No.: 68476-34-6 ☐ EHS					☐ solid ☒ liquid ☐ gas	Curies: (If radioactive)	Days On Site: 365	Storage Container:* A				
3	Industries Upholstery Shop	Paint/stain/sealer	Xylene		☐	1330-20-7	☐ pure ☒ mixture	15	10	1	☒ gallons ☐ pounds ☐ cu. feet ☐ tons	☒ ambient ☐ > amb. ☐ < amb.	☒ ambient ☐ > amb. ☐ < amb. ☐ cryogenic	☒ fire ☐ reactive ☐ pressure release ☒ acute health ☒ chronic health ☐ radioactive
			Toluene		☐	108-88-3								
			Petroleum Distillates		☐	8008-20-6	☐ solid ☒ liquid ☐ gas	Curies: (If radioactive)	Days On Site: 365	Storage Container:* F/N				
		CAS No.: ☐ EHS												
8	Industries Refinishing Shop	Bleach	Sodium Hypochlorite	5.75	☐	7681-52-9	☐ pure ☒ mixture	5	2	1	☒ gallons ☐ pounds ☐ cu. feet ☐ tons	☒ ambient ☐ > amb. ☐ < amb.	☒ ambient ☐ > amb. ☐ < amb. ☐ cryogenic	☐ fire ☒ reactive ☐ pressure release ☐ acute health ☒ chronic health ☐ radioactive
		CAS No.: ☐ EHS					☐ solid ☒ liquid ☐ gas	Curies: (If radioactive)	Days On Site: 365	Storage Container:* N				
3	Industries Refinishing Shop Flamm Cabinets	Paint/Primer/Thinner	Toluene		☐	108-88-3	☐ pure ☒ mixture	25	10	5	☒ gallons ☐ pounds ☐ cu. feet ☐ tons	☒ ambient ☐ > amb. ☐ < amb.	☒ ambient ☐ > amb. ☐ < amb. ☐ cryogenic	☒ fire ☐ reactive ☐ pressure release ☒ acute health ☒ chronic hea ☐ radioactive
			Petroleum Distillates		☐	8008-20-6								
			Methly- n-Amyl Ketone		☐	110-43-0								
		CAS No.: ☐ EHS	Xylene		☐	1330-20-7	☒ solid ☒ liquid ☐ gas	Curies: (If radioactive)	Days On Site: 365	Storage Container:* F/M/N				
			MEK		☐	110-43-0								
8	Industries Refinishing Shop Flamm Cabinets	Bleach	Sodium Hypochlorite	5.75	☐	7681-52-9	☐ pure ☒ mixture	4	5	1	☒ gallons ☐ pounds ☐ cu. feet ☐ tons	☒ ambient ☐ > amb. ☐ < amb.	☐ ambient ☐ > amb. ☐ < amb. ☐ cryogenic	☐ fire ☒ reactive ☐ pressure release ☐ acute health ☒ chronic health ☐ radioactive
		CAS No.: ☐ EHS					☐ solid ☐ liquid ☒ gas	Curies: (If radioactive)	Days On Site: 365	Storage Container:* n				
9	Industries Refinishing Shop Flamm Cabinets	Sealers/Catalysts			☐		☐ pure ☒ mixture	10	8	1	☒ gallons ☐ pounds ☐ cu. feet ☐ tons	☒ ambient ☐ > amb. ☐ < amb.	☒ ambient ☐ > amb. ☐ < amb. ☐ cryogenic	☐ fire ☐ reactive ☐ pressure release ☒ acute health ☒ chronic health ☐ radioactive
		CAS No.: ☐ EHS					☒ solid ☒ liquid ☐ gas	Curies: (If radioactive)	Days On Site: 365	Storage Container:* F/N				

* Code — Storage Type

Code	Storage Type	Code	Storage Type	Code	Storage Type	Code	Storage Type	Code	Storage Type	Code	Storage Type
A	Aboveground Tank	D	Steel Drum	G	Carboy	J	Bag	M	Glass Bottle or Jug	P	Tank Wagon
B	Belowground Tank	E	Plastic/Non-metallic Drum	H	Silo	K	Box	N	Plastic Bottle or Jug	Q	Rail Car
C	Tank Inside Building	F	Can	I	Fiber Drum	L	Cylinder	O	Tote Bin	R	Other

If EPCRA, sign below:

_____

Date: 09/12/2005

Non-Waste Hazardous Materials Inventory Statement

For use by Unidocs Member Agencies or where approved by your Local Jurisdiction

Business Name: Elmwood Correctional Facility (Same as Facility Name or DBA)

Type of Report on This Page: ☐ Add; ☐ Delete; ☒ Revise

Page 11 **of** 28 (One page per building or area)

Chemical Location: Support Services Building (Building/Storage Area) Support Services Map

EPCRA Confidential Location? ☐ Yes; ☒ No

Trade Secret Information? ☐ Yes; ☒ No

Facility ID # (Agency Use Only)

1. Haz. Class	2. Map and Grid or Location Code	3. Common Name	4. Hazardous Components (For mixtures only) Chemical Name	% Wt.	EHS	CAS No.	5. Type and Physical State	6. Quantities Max. Daily	Average Daily	Largest Cont.	7. Units	8. Storage Codes Storage Pressure	Storage Temp.	9. Hazard Categories
8	Kitchen C	Bleach	Sodium Hypochlorite	5.75	☐	7681-52-9	☐ pure ☒ mixture	30	20	1	☒ gallons ☐ pounds ☐ cu. feet ☐ tons	☒ ambient ☐ > amb. ☐ < amb.	☒ ambient ☐ > amb. ☐ < amb. ☐ cryogenic	☐ fire ☒ reactive ☐ pressure re ☐ acute health ☒ chronic health ☐ radioactive
		CAS No.: ☐ EHS					☐ solid ☒ liquid ☐ gas	Curies: (If radioactive)	Days On Site: 365	Storage Container:* N				
8	Kitchen C	Detergents/Surfactants	2-Butoxethanol		☐	111-76-2	☐ pure ☒ mixture	95	60	5	☒ gallons ☐ pounds ☐ cu. feet ☐ tons	☒ ambient ☐ > amb. ☐ < amb.	☒ ambient ☐ > amb. ☐ < amb. ☐ cryogenic	☐ fire ☐ reactive ☐ pressure release ☐ acute health ☐ chronic health ☐ radioactive
			Potassium Hydroxide		☐	1310-58-3								
			Dimethyl Benzyl Ammon-chloride		☐	68956 79-6	☒ solid ☒ liquid ☐ gas	Curies: (If radioactive)	Days On Site: 365	Storage Container:* N/K/E				
		CAS No.: ☐ EHS												
8	Laundry A & B	Bleach	Sodium Hypochlorite	5.75	☐	7681-52-9	☐ pure ☒ mixture	600	200	55	☒ gallons ☐ pounds ☐ cu. feet ☐ tons	☒ ambient ☐ > amb. ☐ < amb.	☒ ambient ☐ > amb. ☐ < amb. ☐ cryogenic	☐ fire ☒ reactive ☐ pressure release ☐ acute health ☐ chronic health ☐ radioactive
		CAS No.: ☐ EHS					☐ solid ☒ liquid ☐ gas	Curies: (If radioactive)	Days On Site: 365	Storage Container:* E				
8	Laundry A & B	Sour Clean Concentrate	Bisulfites		☐	7681-57-4	☐ pure ☒ mixture	150	100	30	☒ gallons ☐ pounds ☐ cu. feet ☐ tons	☒ ambient ☐ > amb. ☐ < amb.	☒ ambient ☐ > amb. ☐ < amb. ☐ cryogenic	☐ fire ☐ reactive ☐ pressure release ☐ acute health ☒ chronic heal ☐ radioactive
		CAS No.: ☐ EHS					☐ solid ☒ liquid ☐ gas	Curies: (If radioactive)	Days On Site: 365	Storage Container:* F				
8	Laundry A & B	Caustic Soda	Sodium Hydroxide	50	☐	1310-73-2	☐ pure ☒ mixture	220	110	55	☒ gallons ☐ pounds ☐ cu. feet ☐ tons	☒ ambient ☐ > amb. ☐ < amb.	☒ ambient ☐ > amb. ☐ < amb. ☐ cryogenic	☐ fire ☒ reactive ☐ pressure release ☐ acute health ☒ chronic health ☐ radioactive
		CAS No.: 1310-73-2 ☐ EHS					☐ solid ☒ liquid ☐ gas	Curies: (If radioactive)	Days On Site: 365	Storage Container:* E				
					☐		☐ pure ☐ mixture				☐ gallons ☐ pounds ☐ cu. feet ☐ tons	☐ ambient ☐ > amb. ☐ < amb.	☐ ambient ☐ > amb. ☐ < amb. ☐ cryogenic	☐ fire ☐ reactive ☐ pressure release ☐ acute health ☐ chronic health ☐ radioactive
		CAS No.: ☐ EHS					☐ solid ☐ liquid ☐ gas	Curies: (If radioactive)	Days On Site:	Storage Container:*				

* Storage Container Codes

Code	Storage Type	Code	Storage Type	Code	Storage Type	Code	Storage Type	Code	Storage Type	Code	Storage Type
A	Aboveground Tank	D	Steel Drum	G	Carboy	J	Bag	M	Glass Bottle or Jug	P	Tank Wagon
B	Belowground Tank	E	Plastic/Non-metallic Drum	H	Silo	K	Box	N	Plastic Bottle or Jug	Q	Rail Car
C	Tank Inside Building	F	Can	I	Fiber Drum	L	Cylinder	O	Tote Bin	R	Other

If EPCRA, sign below:

_____

Date: 9/12/2005

Non-Waste Hazardous Materials Inventory Statement

For use by Unidocs Member Agencies or where approved by your Local Jurisdiction

Business Name: Elmwood Correctional Facility (Same as Facility Name or DBA)

Type of Report on This Page: ☐ Add; ☐ Delete; ☒ Revise

Chemical Location: Support Services Building (Building/Storage Area) Warehouse and Pad C

EPCRA Confidential Location? ☐ Yes; ☒ No

Trade Secret Information? ☐ Yes; ☒ No

Facility ID # (Agency Use Only)

1. Haz. Class	2. Map and Grid or Location Code	3. Common Name	4. Hazardous Components (For mixtures only) Chemical Name	% Wt.	EHS	CAS No.	5. Type and Physical State	6. Quantities Max. Daily	Average Daily	Largest Cont.	7. Units	8. Storage Codes Storage Pressure	Storage Temp.	9. Hazard Categories
8	*Warehouse* **D**	*Various Cleaners*			☐		☐ pure ☒ mixture	1000	800	5	☐ gallons ☒ pounds ☐ cu. feet ☐ tons	☒ ambient ☐ > amb. ☐ < amb.	☒ ambient ☐ > amb. ☐ < amb. ☐ cryogenic	☐ fire ☒ reactive ☐ pressure r ☐ acute health ☒ chronic health ☐ radioactive
		CAS No.:			☐		☒ solid ☒ liquid ☐ gas	Curies: (If radioactive)	Days On Site: 365	Storage Container:* D/E/F/ N/M				
3	Warehouse **E**	Solvent Sprays/Paints			☐		☐ pure ☒ mixture	70	50	2.5	☒ gallons ☐ pounds ☐ cu. feet ☐ tons	☒ ambient ☒ > amb. ☐ < amb.	☒ ambient ☐ > amb. ☐ < amb. ☐ cryogenic	☒ fire ☐ reactive ☐ pressure release ☒ acute health ☒ chronic health ☐ radioactive
		CAS No.:			☐		☐ solid ☒ liquid ☒ gas	Curies: (If radioactive)	Days On Site: 365	Storage Container:* F				
3	Generator Pad C AST C-1 **Main Map**	DIESEL FUEL			☐		☒ pure ☐ mixture	1000	750	1000	☒ gallons ☐ pounds ☐ cu. feet ☐ tons	☒ ambient ☐ > amb. ☐ < amb.	☒ ambient ☐ > amb. ☐ < amb. ☐ cryogenic	☐ fire ☐ reactive ☐ pressure release ☐ acute health ☒ chronic health ☐ radioactive
		CAS No.: 68476-34-6			☐		☐ solid ☒ liquid ☐ gas	Curies: (If radioactive)	Days On Site: 365	Storage Container:* A				
3	Generator Pad AST C-2 **Main Map**	DIESEL FUEL			☐		☒ pure ☐ mixture	1000	750	1000	☒ gallons ☐ pounds ☐ cu. feet ☐ tons	☒ ambient ☐ > amb. ☐ < amb.	☒ ambient ☐ > amb. ☐ < amb. ☐ cryogenic	☒ fire ☐ reactive ☐ pressure release ☐ acute health ☒ chronic hea ☐ radioactiv
		CAS No.: 68476-34-6			☐		☐ solid ☒ liquid ☐ gas	Curies: (If radioactive)	Days On Site: 365	Storage Container:* A				
2.1	Generator Pad AST (1) **Main Map**	PROPANE			☐		☒ pure ☐ mixture	1000	750	1000	☒ gallons ☐ pounds ☐ cu. feet ☐ tons	☐ ambient ☒ > amb. ☐ < amb.	☒ ambient ☐ > amb. ☐ < amb. ☐ cryogenic	☒ fire ☐ reactive ☒ pressure release ☐ acute health ☒ chronic health ☐ radioactive
		CAS No.: 74-98-6			☐		☐ solid ☐ liquid ☒ gas	Curies: (If radioactive)	Days On Site: 365	Storage Container:* A/I				
					☐		☐ pure ☐ mixture				☐ gallons ☐ pounds ☐ cu. feet ☐ tons	☐ ambient ☐ > amb. ☐ < amb.	☐ ambient ☐ > amb. ☐ < amb. ☐ cryogenic	☐ fire ☐ reactive ☐ pressure release ☐ acute health ☐ chronic health ☐ radioactive
		CAS No.:			☐		☐ solid ☐ liquid ☐ gas	Curies: (If radioactive)	Days On Site:	Storage Container:*				

* Storage Type Codes

Code	Storage Type	Code	Storage Type	Code	Storage Type	Code	Storage Type	Code	Storage Type	Code	Storage Type
A	Aboveground Tank	D	Steel Drum	G	Carboy	J	Bag	M	Glass Bottle or Jug	P	Tank Wagon
B	Belowground Tank	E	Plastic/Non-metallic Drum	H	Silo	K	Box	N	Plastic Bottle or Jug	Q	Rail Car
C	Tank Inside Building	F	Can	I	Fiber Drum	L	Cylinder	O	Tote Bin	R	Other

If EPCRA, sign below:

_____

Date: 09/12/2005

Non-Waste Hazardous Materials Inventory Statement

For use by Unidocs Member Agencies or where approved by your Local Jurisdiction

Business Name: Elmwood Correctional Facility (Same as Facility Name or DBA)

Type of Report on This Page: ☐ Add; ☐ Delete; ☒ Revise

Page 14 **of** 28 (One page per building or area)

Chemical Location: SHOP AREA (Building/Storage Area) Auto Detailing Auto Body

EPCRA Confidential Location? ☐ Yes; ☒ No

Trade Secret Information? ☐ Yes; ☒ No

Facility ID # (Agency Use Only)

1. Haz. Class	2. Map and Grid or Location Code	3. Common Name	4. Hazardous Components (For mixtures only) Chemical Name	% Wt.	EHS	CAS No.	5. Type and Physical State	6. Quantities Max. Daily	Average Daily	Largest Cont.	7. Units	8. Storage Codes Storage Pressure	Storage Temp.	9. Hazard Categories
3	Auto Detailing Shops Area Map	Wax/dressings	Petroleum Distillates	20	☐	8008-20-6	☐ pure ☒ mixture	20	10	5	☒ gallons ☐ pounds ☐ cu. feet ☐ tons	☒ ambient ☐ > amb. ☐ < amb.	☒ ambient ☐ > amb. ☐ < amb. ☐ cryogenic	☒ fire ☐ reactive ☐ pressure re ☐ acute health ☒ chronic health ☐ radioactive
		CAS No.: ☐ EHS					☒ solid ☒ liquid ☐ gas	Curies: (If radioactive)	Days On Site: 365	Storage Container:* F				
8	Auto Detailing Shops Area Map	Various Cleaners	Alkaline Solutions		☐		☐ pure ☒ mixture	40	25	5	☒ gallons ☐ pounds ☐ cu. feet ☐ tons	☒ ambient ☐ > amb. ☐ < amb.	☒ ambient ☐ > amb. ☐ < amb. ☐ cryogenic	☐ fire ☒ reactive ☐ pressure release ☐ acute health ☒ chronic health ☐ radioactive
			Ammonia Glass Cleaner		☐									
		CAS No.: ☐ EHS			☐		☐ solid ☒ liquid ☐ gas	Curies: (If radioactive)	Days On Site: 365	Storage Container:* F,N,I				
3	Auto Body Shop B	Mineral Spirits Safety Kleen			☐		☒ pure ☐ mixture	10	10	10	☒ gallons ☐ pounds ☐ cu. feet ☐ tons	☒ ambient ☐ > amb. ☐ < amb.	☒ ambient ☐ > amb. ☐ < amb. ☐ cryogenic	☒ fire ☐ reactive ☐ pressure release ☐ acute health ☒ chronic health ☐ radioactive
		CAS No.: ☐ EHS 647442-47-8			☐		☐ solid ☒ liquid ☐ gas	Curies: (If radioactive)	Days On Site: 365	Storage Container:* C				
3	Auto Body Shop A	Various Paints/reducers Stains/hardeners/fillers	Butyl Acetate		☐	123-86-4	☐ pure ☒ mixture	200	150	1	☒ gallons ☐ pounds ☐ cu. feet ☐ tons	☒ ambient ☐ > amb. ☐ < amb.	☒ ambient ☐ > amb. ☐ < amb. ☐ cryogenic	☒ fire ☐ reactive ☐ pressure release ☒ acute health ☒ chronic health ☐ radioactive
			Xylene		☐	1330-20-7								
			Styrene		☐	100-42-5	☐ solid ☒ liquid ☐ gas	Curies: (If radioactive)	Days On Site: 365	Storage Container:*				
		CAS No.: ☐ EHS	Toluene		☐	108-80-3								
			Ethyl Benzene		☐	100-41-4								
3	Auto Body Shop A	Paints Rustproof	Petroleum Distillates		☐	8008-20-6	☐ pure ☒ mixture	5	3	.009	☒ gallons ☐ pounds ☐ cu. feet ☐ tons	☒ ambient ☒ > amb. ☐ < amb.	☒ ambient ☐ > amb. ☐ < amb. ☐ cryogenic	☒ fire ☐ reactive ☒ pressure release ☒ acute health ☒ chronic health ☐ radioactive
			Toluene		☐	108-80-3								
			Xylene		☐	1330-20-7	☐ solid ☒ liquid ☒ gas	Curies: (If radioactive)	Days On Site: 365	Storage Container:* L/F				
		CAS No.: ☐ EHS			☐									
					☐		☐ pure ☐ mixture				☐ gallons ☐ pounds ☐ cu. feet ☐ tons	☐ ambient ☐ > amb. ☐ < amb.	☐ ambient ☐ > amb. ☐ < amb. ☐ cryogenic	☐ fire ☐ reactive ☐ pressure release ☐ acute health ☐ chronic health ☐ radioactive
					☐									
		CAS No.: ☐ EHS			☐		☐ solid ☐ liquid ☐ gas	Curies: (If radioactive)	Days On Site:	Storage Container:*				

* Storage Type Codes

Code	Storage Type	Code	Storage Type	Code	Storage Type	Code	Storage Type	Code	Storage Type	Code	Storage Type
A	Aboveground Tank	D	Steel Drum	G	Carboy	J	Bag	M	Glass Bottle or Jug	P	Tank Wagon
B	Belowground Tank	E	Plastic/Non-metallic Drum	H	Silo	K	Box	N	Plastic Bottle or Jug	Q	Rail Car
C	Tank Inside Building	F	Can	I	Fiber Drum	L	Cylinder	O	Tote Bin	R	Other

If EPCRA, sign below:

_____

Date: 09/12/2005

Non-Waste Hazardous Materials Inventory Statement

For use by Unidocs Member Agencies or where approved by your Local Jurisdiction

Business Name: Elmwood Correctional Facility (Same as Facility Name or DBA)

Type of Report on This Page: ☐ Add; ☐ Delete; ☒ Revise

Page 15 of 28 (One page per building or area)

Chemical Location: SHOP AREA (Building/Storage Area) SIGN SHOP PAINT SHOP WAREHOUSE

EPCRA Confidential Location? ☐ Yes; ☒ No

Trade Secret Information? ☐ Yes; ☒ No

Facility ID # (Agency Use Only)

1. Haz. Class	2. Map and Grid or Location Code	3. Common Name	4. Hazardous Components (For mixtures only) Chemical Name	% Wt.	EHS	CAS No.	5. Type and Physical State	6. Quantities Max. Daily	Average Daily	Largest Cont.	7. Units	8. Storage Codes Storage Pressure	Storage Temp.	9. Hazard Categories
3	Paint/Toy Shop	Lettering Paints/cleaner	1,2,4, Trimethylbenzene		☐	95-63-6	☐ pure ☒ mixture	16	10	1	☒ gallons ☐ pounds ☐ cu. feet ☐ tons	☒ ambient ☐ > amb. ☐ < amb.	☒ ambient ☐ > amb. ☐ < amb. ☐ cryogenic	☒ fire ☐ reactive ☒ pressure rel ☐ acute health ☒ chronic health ☐ radioactive
			Chromium Oxide		☐	133-82-0								
			Mineral Spirits		☐	8008-20-6	☐ solid ☒ liquid ☐ gas	Curies: (If radioactive)	Days On Site: 365	Storage Container:* F/N				
		CAS No.: ☐ EHS	Xylene		☐	1330-20-7								
					☐									
3	Paint/Toy Shop	Maintenance Coating	Light Aliphatic Hydrocarbons	40	☐	64742-89-8	☐ pure ☒ mixture	40	40	1	☒ gallons ☐ pounds ☐ cu. feet ☐ tons	☒ ambient ☐ > amb. ☐ < amb.	☒ ambient ☐ > amb. ☐ < amb. ☐ cryogenic	☒ fire ☐ reactive ☐ pressure release ☐ acute health ☒ chronic health ☐ radioactive
					☐									
					☐									
		CAS No.: ☐ EHS			☐		☐ solid ☒ liquid ☐ gas	Curies: (If radioactive)	Days On Site: 365	Storage Container:* N				
					☐									
9	Paint/Toy Shop	Latex Paint	Acrylic Polymer	20	☐	112-34-5	☐ pure ☒ mixture	200	150	5	☒ gallons ☐ pounds ☐ cu. feet ☐ tons	☒ ambient ☐ > amb. ☐ < amb.	☒ ambient ☐ > amb. ☐ < amb. ☐ cryogenic	☐ fire ☐ reactive ☐ pressure release ☐ acute health ☒ chronic health ☐ radioactive
					☐									
					☐									
		CAS No.: ☐ EHS			☐		☐ solid ☒ liquid ☐ gas	Curies: (If radioactive)	Days On Site: 365	Storage Container:* E				
					☐									
3	Paint/Toy Shop	Rust Proof Paint	Xylene	7	☐	1330-20-7	☐ pure ☒ mixture	2.5	2.5	.13	☒ gallons ☐ pounds ☐ cu. feet ☐ tons	☐ ambient ☒ > amb. ☐ < amb.	☒ ambient ☐ > amb. ☐ < amb. ☐ cryogenic	☒ fire ☐ reactive ☒ pressure release ☐ acute health ☒ chronic health ☐ radioactive
					☐									
					☐									
		CAS No.: ☐ EHS			☐		☐ solid ☒ liquid ☐ gas	Curies: (If radioactive)	Days On Site: 365	Storage Container:* F				
					☐									
3	Warehouse	Various Paint/adhesives	Petroleum Distillates		☐	8008-20-6	☐ pure ☒ mixture	40	30	4	☒ gallons ☐ pounds ☐ cu. feet ☐ tons	☒ ambient ☒ > amb. ☐ < amb.	☐ ambient ☐ > amb. ☐ < amb. ☐ cryogenic	☒ fire ☐ reactive ☒ pressure release ☐ acute health ☒ chronic health ☐ radioactive
			Xylene		☐	1330-20-7								
			Terahydrofuran		☐	109-99-9	☐ solid ☒ liquid ☐ gas	Curies: (If radioactive)	Days On Site: 365	Storage Container:* F/N/E				
		CAS No.: ☐ EHS			☐									
					☐									
3	Warehouse	Latex Paint			☐		☐ pure ☒ mixture	80	40	5	☒ gallons ☐ pounds ☐ cu. feet ☐ tons	☒ ambient ☐ > amb. ☐ < amb.	☒ ambient ☐ > amb. ☐ < amb. ☐ cryogenic	☐ fire ☐ reactive ☐ pressure release ☐ acute health ☒ chronic health ☐ radioactive
					☐									
					☐									
		CAS No.: ☐ EHS			☐		☐ solid ☒ liquid ☐ gas	Curies: (If radioactive)	Days On Site: 365	Storage Container:* N				
					☐									

* Storage Container Codes

Code	Storage Type	Code	Storage Type	Code	Storage Type	Code	Storage Type	Code	Storage Type	Code	Storage Type
A	Aboveground Tank	D	Steel Drum	G	Carboy	J	Bag	M	Glass Bottle or Jug	P	Tank Wagon
B	Belowground Tank	E	Plastic/Non-metallic Drum	H	Silo	K	Box	N	Plastic Bottle or Jug	Q	Rail Car
C	Tank Inside Building	F	Can	I	Fiber Drum	L	Cylinder	O	Tote Bin	R	Other

If EPCRA, sign below:

_____

Date: 09/12/2005

Hazardous Waste Inventory Statement

For use by Unidocs Member Agencies or where approved by your Local Jurisdiction

Business Name: Elmwood Correctional Facility (Same as Facility Name or DBA)

Type of Report on This Page: ☐ Add; ☐ Delete; ☒ Revise

Page 19 of 28 (One page per building or area)

Chemical Location: Shops (Building/Storage Area)

EPCRA Confidential Location? ☐ Yes; ☒ No
Trade Secret Information? ☐ Yes; ☒ No

Facility ID # (Agency Use Only)

1. Haz. Class	2. Map and Grid or Location Code	3. Waste Stream Name	4. Hazardous Components: Chemical Name	% Wt.	EHS	CAS No.	5. Type and Physical State	6. Quantities: Max. Daily	Average Daily	Largest Cont.	7. Annual Waste Amount	8. Units	9. Storage Codes: Storage Pressure	Storage Temp.	10. Hazard Categories
3	**Shops** Auto Body C	Paint Sludge			☐		☒ waste	55	30	55	110	☒ gallons ☐ pounds ☐ cu. feet ☐ tons	☒ ambient ☐ > amb. ☐ < amb.	☒ ambient ☐ > amb. ☐ < amb. ☐ cryogenic	☒ fire ☐ reactive ☐ pressure ☒ acute health ☐ chronic health ☐ radioactive
		Management Method: ☒ Shipped Off-site ☐ Recycled On-site ☐ Treated On-site			☐		☒ solid ☒ liquid ☐ gas	Curies: (If radioactive)	Days On Site: 365	Storage Container:* D	State Waste Code: 461				
					☐		☐ waste					☐ gallons ☐ pounds ☐ cu. feet ☐ tons	☐ ambient ☐ > amb. ☐ < amb.	☒ ambient ☐ > amb. ☐ < amb. ☐ cryogenic	☐ fire ☐ reactive ☐ pressure release ☐ acute health ☐ chronic health ☐ radioactive
		Management Method: ☒ Shipped Off-site ☐ Recycled On-site ☐ Treated On-site			☐		☐ solid ☐ liquid ☐ gas	Curies: (If radioactive)	Days On Site:	Storage Container:*	State Waste Code:				
					☐		☐ waste					☐ gallons ☐ pounds ☐ cu. feet ☐ tons	☐ ambient ☐ > amb. ☐ < amb.	☐ ambient ☐ > amb. ☐ < amb. ☐ cryogenic	☐ fire ☐ reactive ☐ pressure release ☐ acute health ☐ chronic health ☐ radioactive
		Management Method: ☐ Shipped Off-site ☐ Recycled On-site ☐ Treated On-site			☐		☐ solid ☐ liquid ☐ gas	Curies: (If radioactive)	Days On Site:	Storage Container:*	State Waste Code:				
					☐		☒ waste					☐ gallons ☐ pounds ☐ cu. feet ☐ tons	☐ ambient ☐ > amb. ☐ < amb.	☐ ambient ☐ > amb. ☐ < amb. ☐ cryogenic	☐ fire ☐ reactive ☐ pressure release ☐ acute health ☐ chronic health ☐ radioactive
		Management Method: ☐ Shipped Off-site ☐ Recycled On-site ☐ Treated On-site			☐		☐ solid ☐ liquid ☐ gas	Curies: (If radioactive)	Days On Site:	Storage Container:*	State Waste Code:				
					☐		☒ waste					☐ gallons ☐ pounds ☐ cu. feet ☐ tons	☐ ambient ☐ > amb. ☐ < amb.	☐ ambient ☐ > amb. ☐ < amb. ☐ cryogenic	☐ fire ☐ reactive ☐ pressure release ☐ acute health ☐ chronic health ☐ radioactive
		Management Method: ☐ Shipped Off-site ☐ Recycled On-site ☐ Treated On-site			☐		☐ solid ☐ liquid ☐ gas	Curies: (If radioactive)	Days On Site:	Storage Container:*	State Waste Code:				
					☐		☒ waste					☐ gallons ☐ pounds ☐ cu. feet ☐ tons	☐ ambient ☐ > amb. ☐ < amb.	☐ ambient ☐ > amb. ☐ < amb. ☐ cryogenic	☐ fire ☐ reactive ☐ pressure release ☐ acute health ☐ chronic health ☐ radioactive
		Management Method: ☐ Shipped Off-site ☐ Recycled On-site ☐ Treated On-site			☐		☐ solid ☐ liquid ☐ gas	Curies: (If radioactive)	Days On Site:	Storage Container:*	State Waste Code:				

* Storage Container Codes

Code	Storage Type	Code	Storage Type	Code	Storage Type	Code	Storage Type	Code	Storage Type	Code	Storage Type
A	Aboveground Tank	D	Steel Drum	G	Carboy	J	Bag	M	Glass Bottle or Jug	P	Tank Wagon
B	Belowground Tank	E	Plastic/Nonmetallic Drum	H	Silo	K	Box	N	Plastic Bottle or Jug	Q	Rail Car
C	Tank Inside Building	F	Can	I	Fiber Drum	L	Cylinder	O	Tote Bin	R	Other

If EPCRA, sign below:

_____

UNIFIED PROGRAM CONSOLIDATED FORM
FACILITY INFORMATION
BUSINESS OWNER/OPERATOR IDENTIFICATION

I. IDENTIFICATION

FACILITY ID # *(Agency Use Only)* 1.		BEGINNING DATE 100. 03/15/2006	ENDING DATE 101. 03/15/2007
BUSINESS NAME (Same as FACILITY NAME or DBA - Doing Business As) 3. Walgreens # 3671		BUSINESS PHONE 102. (408) 263-3551	
BUSINESS SITE ADDRESS 103. 342 W Calaveras Blvd			
CITY 104. Milpitas	CA	ZIP CODE 105. 95035	
DUN & BRADSTREET 106. 93-103-6651		SIC CODE (4 digit #) 107. 5912, 7384	
COUNTY 108. Santa Clara			
BUSINESS OPERATOR NAME 109. Walgreens Corporation		BUSINESS OPERATOR PHONE 110. (847) 914-3853	

II. BUSINESS OWNER

OWNER NAME 111. Walgreens Corporation		OWNER PHONE 112. (847) 914-3853
OWNER MAILING ADDRESS 113. 200 Wilmot Road		
CITY 114. Deerfield	STATE 115. IL	ZIP CODE 116. 60015

III. ENVIRONMENTAL CONTACT

CONTACT NAME 117. Christina Chiappetta, Safety and Compliance Environmental Supervisor, MS2171		CONTACT PHONE 118. (847) 914-3195
CONTACT MAILING ADDRESS 119. 200 Wilmot Road		
CITY 120. Deerfield	STATE 121. IL	ZIP CODE 122. 60015

IV. EMERGENCY CONTACTS

-PRIMARY-	-SECONDARY-
NAME 123. Nadia Griffith	NAME 128. Jennifer Hicks
TITLE 124. Store Manager	TITLE 129. District Photo Supervisor
BUSINESS PHONE 125. (408) 263-3551	BUSINESS PHONE 130. (650) 533-2684
24-HOUR PHONE* 126. (408) 679-5660	24-HOUR PHONE* 131. (650) 533-2684
PAGER # 127. N/A	PAGER # 132. N/A

ADDITIONAL LOCALLY COLLECTED INFORMATION: 133.

Property Owner: M. Donavan, P. Donavan, P. Jelley, M. Corrigan, G. Donovan, M. Donavan, & M. Svarnicki Phone No.: N/A

Billing Address: c/o Margaret A. Donavan, 2 Lincoln Shire Dr., Oakland, CA 94618

Certification: Based on my inquiry of those individuals responsible for obtaining the information, I certify under penalty of law that I have personally examined and am familiar with the information submitted and believe the information is true, accurate, and complete.

SIGNATURE OF OWNER/OPERATOR OR DESIGNATED REPRESENTATIVE	DATE 134. 5-17-06	NAME OF DOCUMENT PREPARER 135. Megan Mettee, Agent for Walgreens Corporation
NAME OF SIGNER (print) 136. Dean Jarrett	TITLE OF SIGNER 137. Divisional Mechandise Manager	

* See Instructions on next page.

UNIFIED PROGRAM CONSOLIDATED FORM
FACILITY INFORMATION
BUSINESS ACTIVITIES

I. FACILITY IDENTIFICATION

FACILITY ID # *(Agency Use Only)*	1.	EPA ID # (Hazardous Waste Only)	2.
		CAR000042978	

BUSINESS NAME (Same as Facility Name or DBA - Doing Business As) 3.

Walgreens # 3671

II. ACTIVITIES DECLARATION

NOTE: If you check YES to any part of this list, please submit the Business Owner/Operator Identification page (OES Form 2730).

Does your facility...	If Yes, please complete these pages of the UPCF...	
A. HAZARDOUS MATERIALS Have on site (for any purpose) hazardous materials at or above 55 gallons for liquids, 500 pounds for solids, or 200 cubic feet for compressed gases (include liquids in ASTs and USTs); or the applicable Federal threshold quantity for an extremely hazardous substance specified in 40 CFR Part 355, Appendix A or B; or handle radiological materials in quantities for which an emergency plan is required pursuant to 10 CFR Parts 30, 40 or 70?	☒ YES ☐ NO 4.	HAZARDOUS MATERIALS INVENTORY – CHEMICAL DESCRIPTION (OES 2731)
B. UNDERGROUND STORAGE TANKS (USTs)		UST FACILITY (Formerly SWRCB Form A)
1. Own or operate underground storage tanks?	☐ YES ☒ NO 5.	UST TANK (one page per tank) (Formerly Form B)
2. Intend to upgrade existing or install new USTs?	☐ YES ☒ NO 6.	UST FACILITY UST TANK (one per tank) UST INSTALLATION - CERTIFICATE OF COMPLIANCE (one page per tank) (Formerly Form C)
3. Need to report closing a UST?	☐ YES ☒ NO 7.	UST TANK (closure portion - one page per tank)
C. ABOVE GROUND PETROLEUM STORAGE TANKS (ASTs) Own or operate ASTs above these thresholds: ---any tank capacity is greater than 660 gallons, or ---the total capacity for the facility is greater than 1,320 gallons?	☐ YES ☒ NO 8.	NO FORM REQUIRED TO CUPAs
D. HAZARDOUS WASTE		
1. Generate hazardous waste?	☒ YES ☐ NO 9.	EPA ID NUMBER – provide at the top of this page
2. Recycle more than 100 kg/month of excluded or exempted recyclable materials (per H&SC §25143.2)?	☐ YES ☒ NO 10.	RECYCLABLE MATERIALS REPORT (one per recycler)
3. Treat hazardous waste on site?	☐ YES ☒ NO 11.	ONSITE HAZARDOUS WASTE TREATMENT – FACILITY (Formerly DTSC Forms 1772) ONSITE HAZARDOUS WASTE TREATMENT – UNIT (one page per unit) (Formerly DTSC Forms 1772 A,B,C,D and L)
4. Treatment subject to financial assurance requirements (for Permit by Rule and Conditional Authorization)?	☐ YES ☒ NO 12.	CERTIFICATION OF FINANCIAL ASSURANCE (Formerly DTSC Form 1232)
5. Consolidate hazardous waste generated at a remote site?	☐ YES ☒ NO 13.	REMOTE WASTE / CONSOLIDATION SITE ANNUAL NOTIFICATION (Formerly DTSC Form 1196)
6. Need to report the closure/removal of a tank that was classified as hazardous waste and cleaned onsite?	☐ YES ☒ NO 14.	HAZARDOUS WASTE TANK CLOSURE CERTIFICATION (Formerly DTSC Form 1249)

E. LOCAL REQUIREMENTS 15.

(You may also be required to provide additional information by your CUPA or local agency.)

UNIFIED PROGRAM CONSOLIDATED FORM
HAZARDOUS MATERIALS

HAZARDOUS MATERIALS INVENTORY – CHEMICAL DESCRIPTION

(one page per material per building or area)

☒ ADD ☐ DELETE ☐ REVISE 200. Page 3 of 7

I. FACILITY INFORMATION

BUSINESS NAME (Same as FACILITY NAME or DBA – Doing Business As) 3.
Walgreens #3671

CHEMICAL LOCATION 201.
Retail Sales Floor

CHEMICAL LOCATION CONFIDENTIAL EPCRA 202.
☐ YES ☒ NO

FACILITY ID # (Agency Use Only) 1.

MAP # 203.
1

GRID # 204.
C-4

II. CHEMICAL INFORMATION

CHEMICAL NAME 205.
Helium

TRADE SECRET ☐ Yes ☒ No 206.
If Subject to EPCRA, refer to instructions

COMMON NAME 207.
Helium

EHS* ☐ Yes ☒ No 208.

CAS# 209.
7440-59-7

*If EHS is "Yes," all amounts below must be in lbs.

FIRE CODE HAZARD CLASSES (Complete if required by local agency) 210.
NFG, OHH

HAZARDOUS MATERIAL TYPE (Check one item only) ☒ a. PURE ☐ b. MIXTURE ☐ c. WASTE 211.

RADIOACTIVE ☐ Yes ☒ No 212.

CURIES 213.

PHYSICAL STATE (Check one item only) ☐ a. SOLID ☐ b. LIQUID ☒ c. GAS 214.

LARGEST CONTAINER 220 215.

FED HAZARD CATEGORIES (Check all that apply) 216.
☐ a. FIRE ☐ b. REACTIVE ☒ c. PRESSURE RELEASE ☐ d. ACUTE HEALTH ☒ e. CHRONIC HEALTH

AVERAGE DAILY AMOUNT 217.	MAXIMUM DAILY AMOUNT 218.	ANNUAL WASTE AMOUNT 219.	STATE WASTE CODE 220.
110	220	N/A	N/A

UNITS* (Check one item only) 221.
☐ a. GALLONS ☒ b. CUBIC FEET ☐ c. POUNDS ☐ d. TONS
* If EHS, amount must be in pounds.

DAYS ON SITE 222.
365

STORAGE CONTAINER 223.
☐ a. ABOVEGROUND TANK ☐ b. UNDERGROUND TANK ☐ c. TANK INSIDE BUILDING ☐ d. STEEL DRUM
☐ e. PLASTIC/NONMETALLIC DRUM ☐ f. CAN ☐ g. CARBOY ☐ h. SILO
☐ i. FIBER DRUM ☐ j. BAG ☐ k. BOX ☒ l. CYLINDER
☐ m. GLASS BOTTLE ☐ n. PLASTIC BOTTLE ☐ o. TOTE BIN ☐ p. TANK WAGON
☐ q. RAIL CAR ☐ r. OTHER

STORAGE PRESSURE 224.
☐ a. AMBIENT ☒ b. ABOVE AMBIENT ☐ c. BELOW AMBIENT

STORAGE TEMPERATURE 225.
☒ a. AMBIENT ☐ b. ABOVE AMBIENT ☐ c. BELOW AMBIENT ☐ d. CRYOGENIC

% WT	HAZARDOUS COMPONENT (For mixture or waste only)	EHS	CAS #
1. 226.	227.	☐ Yes ☐ No 228.	229.
2. 230.	231.	☐ Yes ☐ No 232.	233.
3. 234.	235.	☐ Yes ☐ No 236.	237.
4. 238.	239.	☐ Yes ☐ No 240.	241.
5. 242.	243.	☐ Yes ☐ No 244.	245.

If more hazardous components are present at greater than 1% by weight if non-carcinogenic, or 0.1% by weight if carcinogenic, attach additional sheets of paper capturing the required information.

ADDITIONAL LOCALLY COLLECTED INFORMATION 246.
DOT Hazard Class: 2.2

If EPCRA, Please Sign Here.

UNIFIED PROGRAM CONSOLIDATED FORM
HAZARDOUS MATERIALS

HAZARDOUS MATERIALS INVENTORY – CHEMICAL DESCRIPTION

(one page per material per building or area)

☒ ADD ☐ DELETE ☐ REVISE 200. Page 4 of 7

I. FACILITY INFORMATION

BUSINESS NAME (Same as FACILITY NAME or DBA – Doing Business As) 3.
Walgreens #3671

CHEMICAL LOCATION 201.
Retail Sales Floor (In Refrigeration/Cooler System)

CHEMICAL LOCATION CONFIDENTIAL EPCRA 202.
☐ YES ☒ NO

FACILITY ID # (Agency Use Only) 1.

MAP # 203.
1

GRID # 204.
C-5

II. CHEMICAL INFORMATION

CHEMICAL NAME 205.
Chlorodifluoromethane

TRADE SECRET ☐ Yes ☒ No 206.
If Subject to EPCRA, refer to instructions

COMMON NAME 207.
Refrigerant (R-22)

EHS* ☐ Yes ☒ No 208.

CAS# 209.
75-45-6

*If EHS is "Yes," all amounts below must be in lbs.

FIRE CODE HAZARD CLASSES (Complete if required by local agency) 210.
NFG, OHH, IRR

HAZARDOUS MATERIAL TYPE (Check one item only) ☒ a. PURE ☐ b. MIXTURE ☐ c. WASTE 211.

RADIOACTIVE ☐ Yes ☒ No 212.

CURIES 213.

PHYSICAL STATE (Check one item only) ☐ a. SOLID ☐ b. LIQUID ☒ c. GAS 214.

LARGEST CONTAINER 258 215.

FED HAZARD CATEGORIES (Check all that apply) ☐ a. FIRE ☐ b. REACTIVE ☒ c. PRESSURE RELEASE ☒ d. ACUTE HEALTH ☒ e. CHRONIC HEALTH 216.

AVERAGE DAILY AMOUNT 217.	MAXIMUM DAILY AMOUNT 218.	ANNUAL WASTE AMOUNT 219.	STATE WASTE CODE 220.
258	258	N/A	N/A

UNITS* (Check one item only) ☐ a. GALLONS ☒ b. CUBIC FEET ☐ c. POUNDS ☐ d. TONS 221.
* If EHS, amount must be in pounds.

DAYS ON SITE 222.
365

STORAGE CONTAINER
☐ a. ABOVEGROUND TANK ☐ e. PLASTIC/NONMETALLIC DRUM ☐ i. FIBER DRUM ☐ m. GLASS BOTTLE ☐ q. RAIL CAR
☐ b. UNDERGROUND TANK ☐ f. CAN ☐ j. BAG ☐ n. PLASTIC BOTTLE ☒ r. OTHER
☐ c. TANK INSIDE BUILDING ☐ g. CARBOY ☐ k. BOX ☐ o. TOTE BIN
☐ d. STEEL DRUM ☐ h. SILO ☐ l. CYLINDER ☐ p. TANK WAGON
In Refrigeration System 223.

STORAGE PRESSURE ☐ a. AMBIENT ☒ b. ABOVE AMBIENT ☐ c. BELOW AMBIENT 224.

STORAGE TEMPERATURE ☒ a. AMBIENT ☐ b. ABOVE AMBIENT ☐ c. BELOW AMBIENT ☐ d. CRYOGENIC 225.

% WT	HAZARDOUS COMPONENT (For mixture or waste only)	EHS	CAS #
1. 226.	227.	☐ Yes ☐ No 228.	229.
2. 230.	231.	☐ Yes ☐ No 232.	233.
3. 234.	235.	☐ Yes ☐ No 236.	237.
4. 238.	239.	☐ Yes ☐ No 240.	241.
5. 242.	243.	☐ Yes ☐ No 244.	245.

If more hazardous components are present at greater than 1% by weight if non-carcinogenic, or 0.1% by weight if carcinogenic, attach additional sheets of paper capturing the required information.

ADDITIONAL LOCALLY COLLECTED INFORMATION 246.
DOT Hazard Class: N/A

If EPCRA, Please Sign Here.

UNIFIED PROGRAM CONSOLIDATED FORM
HAZARDOUS MATERIALS

HAZARDOUS MATERIALS INVENTORY – CHEMICAL DESCRIPTION

(one page per material per building or area)

☒ ADD ☐ DELETE ☐ REVISE 200. Page 5 of 7

I. FACILITY INFORMATION

BUSINESS NAME (Same as FACILITY NAME or DBA – Doing Business As) 3.
Walgreens #3671

CHEMICAL LOCATION 201.
Retail Sales Floor (In Refrigeration/Cooler System)

CHEMICAL LOCATION CONFIDENTIAL EPCRA 202.
☐ YES ☒ NO

FACILITY ID # (Agency Use Only) 1.

MAP # 203.
1

GRID # 204.
C-4/5

II. CHEMICAL INFORMATION

CHEMICAL NAME 205.
1, 1, 1, Trichloroethylene

TRADE SECRET ☐ Yes ☒ No 206.
If Subject to EPCRA, refer to instructions

COMMON NAME 207.
Refrigerant (R-404a)

EHS* ☐ Yes ☒ No 208.

CAS# 209.
811-97-2

*If EHS is "Yes," all amounts below must be in lbs.

FIRE CODE HAZARD CLASSES (Complete if required by local agency) 210.
NFG, OHH, IRR

HAZARDOUS MATERIAL TYPE (Check one item only) ☒ a. PURE ☐ b. MIXTURE ☐ c. WASTE 211.

RADIOACTIVE ☐ Yes ☒ No 212.

CURIES 213.

PHYSICAL STATE (Check one item only) ☐ a. SOLID ☐ b. LIQUID ☒ c. GAS 214.

LARGEST CONTAINER 116 215.

FED HAZARD CATEGORIES (Check all that apply) ☐ a. FIRE ☐ b. REACTIVE ☒ c. PRESSURE RELEASE ☒ d. ACUTE HEALTH ☒ e. CHRONIC HEALTH 216.

AVERAGE DAILY AMOUNT 217.	MAXIMUM DAILY AMOUNT 218.	ANNUAL WASTE AMOUNT 219.	STATE WASTE CODE 220.
116	116	N/A	N/A

UNITS* (Check one item only) ☐ a. GALLONS ☒ b. CUBIC FEET ☐ c. POUNDS ☐ d. TONS 221.
* If EHS, amount must be in pounds.

DAYS ON SITE 222.
365

STORAGE CONTAINER
☐ a. ABOVEGROUND TANK ☐ b. UNDERGROUND TANK ☐ c. TANK INSIDE BUILDING ☐ d. STEEL DRUM
☐ e. PLASTIC/NONMETALLIC DRUM ☐ f. CAN ☐ g. CARBOY ☐ h. SILO
☐ i. FIBER DRUM ☐ j. BAG ☐ k. BOX ☐ l. CYLINDER
☐ m. GLASS BOTTLE ☐ n. PLASTIC BOTTLE ☐ o. TOTE BIN ☐ p. TANK WAGON
☐ q. RAIL CAR ☒ r. OTHER In Refrigeration System 223.

STORAGE PRESSURE ☐ a. AMBIENT ☒ b. ABOVE AMBIENT ☐ c. BELOW AMBIENT 224.

STORAGE TEMPERATURE ☒ a. AMBIENT ☐ b. ABOVE AMBIENT ☐ c. BELOW AMBIENT ☐ d. CRYOGENIC 225.

	% WT	HAZARDOUS COMPONENT (For mixture or waste only)	EHS	CAS #
1.	226.	227.	☐ Yes ☐ No 228.	229.
2.	230.	231.	☐ Yes ☐ No 232.	233.
3.	234.	235.	☐ Yes ☐ No 236.	237.
4.	238.	239.	☐ Yes ☐ No 240.	241.
5.	242.	243.	☐ Yes ☐ No 244.	245.

If more hazardous components are present at greater than 1% by weight if non-carcinogenic, or 0.1% by weight if carcinogenic, attach additional sheets of paper capturing the required information.

ADDITIONAL LOCALLY COLLECTED INFORMATION 246.
DOT Hazard Class: N/A

If EPCRA, Please Sign Here.

UNIFIED PROGRAM CONSOLIDATED FORM
HAZARDOUS MATERIALS

HAZARDOUS MATERIALS INVENTORY – CHEMICAL DESCRIPTION

(one page per material per building or area)

☒ ADD ☐ DELETE ☐ REVISE 200. Page 6 of 6

I. FACILITY INFORMATION

BUSINESS NAME (Same as FACILITY NAME or DBA – Doing Business As) 1.
Walgreens #5480

CHEMICAL LOCATION 201.
1-Hour Photo Lab

CHEMICAL LOCATION CONFIDENTIAL EPCRA 202.
☐ YES ☒ NO

FACILITY ID # (Agency Use Only) 1.

MAP # 203.
1

GRID # 204.
C-1

II. CHEMICAL INFORMATION

CHEMICAL NAME 205.

TRADE SECRET ☐ Yes ☒ No 206.
If Subject to EPCRA, refer to instructions

COMMON NAME 207.
Liquid Photo Chemicals

EHS* ☐ Yes ☒ No 208.

CAS# 209.

*If EHS is "Yes," all amounts below must be in lbs.

FIRE CODE HAZARD CLASSES (Complete if required by local agency) 210.
IRR, SENS, OHH, CORR

HAZARDOUS MATERIAL TYPE (Check one item only) ☐ a. PURE ☒ b. MIXTURE ☐ c. WASTE 211.

RADIOACTIVE ☐ Yes ☒ No 212.

CURIES 213.

PHYSICAL STATE (Check one item only) ☐ a. SOLID ☒ b. LIQUID ☐ c. GAS 214.

LARGEST CONTAINER 3 215.

FED HAZARD CATEGORIES (Check all that apply) 216.
☐ a. FIRE ☐ b. REACTIVE ☐ c. PRESSURE RELEASE ☒ d. ACUTE HEALTH ☒ e. CHRONIC HEALTH

AVERAGE DAILY AMOUNT 217.	MAXIMUM DAILY AMOUNT 218.	ANNUAL WASTE AMOUNT 219.	STATE WASTE CODE 220.
65	130	N/A	N/A

UNITS* (Check one item only) ☒ a. GALLONS ☐ b. CUBIC FEET ☐ c. POUNDS ☐ d. TONS 221.
* If EHS, amount must be in pounds.

DAYS ON SITE 222.
365

STORAGE CONTAINER 223.
☐ a. ABOVEGROUND TANK ☐ b. UNDERGROUND TANK ☐ c. TANK INSIDE BUILDING ☐ d. STEEL DRUM ☐ e. PLASTIC/NONMETALLIC DRUM ☐ f. CAN ☐ g. CARBOY ☐ h. SILO ☐ i. FIBER DRUM ☐ j. BAG ☐ k. BOX ☐ l. CYLINDER ☐ m. GLASS BOTTLE ☒ n. PLASTIC BOTTLE ☐ o. TOTE BIN ☐ p. TANK WAGON ☐ q. RAIL CAR ☐ r. OTHER

STORAGE PRESSURE 224. ☒ a. AMBIENT ☐ b. ABOVE AMBIENT ☐ c. BELOW AMBIENT

STORAGE TEMPERATURE 225. ☒ a. AMBIENT ☐ b. ABOVE AMBIENT ☐ c. BELOW AMBIENT ☐ d. CRYOGENIC

	% WT	HAZARDOUS COMPONENT (For mixture or waste only)	EHS	CAS #
1.	60 226.	Potassium Acetate 227.	☐ Yes ☒ No 228.	127-08-2 229.
2.	70 230.	Water 231.	☐ Yes ☒ No 232.	7732-18-5 233.
3.	15 234.	Potassium Hydroxide 235.	☐ Yes ☒ No 236.	1310-58-3 237.
4.	238.	239.	☐ Yes ☐ No 240.	241.
5.	242.	243.	☐ Yes ☐ No 244.	245.

If more hazardous components are present at greater than 1% by weight if non-carcinogenic, or 0.1% by weight if carcinogenic, attach additional sheets of paper capturing the required information.

ADDITIONAL LOCALLY COLLECTED INFORMATION 246.
DOT Hazard Class: N/A

If EPCRA, Please Sign Here.

UNIFIED PROGRAM CONSOLIDATED FORM
HAZARDOUS MATERIALS

HAZARDOUS MATERIALS INVENTORY – CHEMICAL DESCRIPTION

(one page per material per building or area)

☒ ADD ☐ DELETE ☐ REVISE 200. Page 7 of 7

I. FACILITY INFORMATION

BUSINESS NAME (Same as FACILITY NAME or DBA – Doing Business As) 3.
Walgreens #3671

CHEMICAL LOCATION 201.
1-Hour Photo Lab

CHEMICAL LOCATION CONFIDENTIAL EPCRA 202.
☐ YES ☒ NO

FACILITY ID # (Agency Use Only) 1.

MAP # 203.
1

GRID # 204.
D-6/7

II. CHEMICAL INFORMATION

CHEMICAL NAME 205.

TRADE SECRET ☐ Yes ☒ No 206.
If Subject to EPCRA, refer to instructions

COMMON NAME 207.
Spent Photo Solutions Containing Silver

EHS* ☐ Yes ☒ No 208.

CAS# 209.

*If EHS is "Yes," all amounts below must be in lbs.

FIRE CODE HAZARD CLASSES (Complete if required by local agency) 210.
IRR

HAZARDOUS MATERIAL TYPE (Check one item only) ☐ a. PURE ☐ b. MIXTURE ☒ c. WASTE 211.

RADIOACTIVE ☐ Yes ☒ No 212.

CURIES 213.

PHYSICAL STATE (Check one item only) ☐ a. SOLID ☒ b. LIQUID ☐ c. GAS 214.

LARGEST CONTAINER 215.
55 gallon

FED HAZARD CATEGORIES (Check all that apply) 216.
☐ a. FIRE ☐ b. REACTIVE ☐ c. PRESSURE RELEASE ☒ d. ACUTE HEALTH ☐ e. CHRONIC HEALTH

AVERAGE DAILY AMOUNT 217.	MAXIMUM DAILY AMOUNT 218.	ANNUAL WASTE AMOUNT 219.	STATE WASTE CODE 220.
55	110	1,320	541

UNITS* (Check one item only) ☒ a. GALLONS ☐ b. CUBIC FEET ☐ c. POUNDS ☐ d. TONS 221.
* If EHS, amount must be in pounds.

DAYS ON SITE 222.
365

STORAGE CONTAINER 223.
☐ a. ABOVEGROUND TANK ☒ e. PLASTIC/NONMETALLIC DRUM ☐ i. FIBER DRUM ☐ m. GLASS BOTTLE ☐ q. RAIL CAR
☐ b. UNDERGROUND TANK ☐ f. CAN ☐ j. BAG ☐ n. PLASTIC BOTTLE ☐ r. OTHER
☐ c. TANK INSIDE BUILDING ☐ g. CARBOY ☐ k. BOX ☐ o. TOTE BIN
☐ d. STEEL DRUM ☐ h. SILO ☐ l. CYLINDER ☐ p. TANK WAGON

STORAGE PRESSURE ☒ a. AMBIENT ☐ b. ABOVE AMBIENT ☐ c. BELOW AMBIENT 224.

STORAGE TEMPERATURE ☒ a. AMBIENT ☐ b. ABOVE AMBIENT ☐ c. BELOW AMBIENT ☐ d. CRYOGENIC 225.

	% WT	HAZARDOUS COMPONENT (For mixture or waste only)	EHS	CAS #
1.	100 226.	Spent Photo Solutions Containing Silver 227.	☐ Yes ☒ No 228.	Mixture 229.
2.	230.	231.	☐ Yes ☐ No 232.	233.
3.	234.	235.	☐ Yes ☐ No 236.	237.
4.	238.	239.	☐ Yes ☐ No 240.	241.
5.	242.	243.	☐ Yes ☐ No 244.	245.

If more hazardous components are present at greater than 1% by weight if non-carcinogenic, or 0.1% by weight if carcinogenic, attach additional sheets of paper capturing the required information.

ADDITIONAL LOCALLY COLLECTED INFORMATION 246.
DOT Hazard Class: N/A

If EPCRA, Please Sign Here.

Unidocs
The Uniform Documents Project

Hazardous Materials Online Inventory Project

Business Owner/Operator Report

After viewing the facility information below, click "Back to Site Menu" to view more reports.

I. IDENTIFICATION

FACILITY ID#: 000438
43-011-~~TMP040~~

BEGINNING DATE (MM/DD/YYYY)

ENDING DATE (MM/DD/YYYY)

BUSINESS NAME (Same as FACILITY NAME or DBA - Doing Business As)
Cisco Systems

BUSINESS PHONE (###) ###-####
408-526-4000

BUSINESS SITE ADDRESS:
821 Alder Drive Building 22

CITY: **Milpitas, CA**

STATE: **CA**

ZIP CODE: 95035

DUN & BRADSTREET:

SIC CODE (4 digit #):

COUNTY: Santa Clara

BUSINESS OPERATOR NAME: Cisco Systems

BUSINESS OPERATOR PHONE: (###) ####-#### 408-526-4000

II. BUSINESS OWNER

OWNER NAME: Cisco Systems, Inc

OWNER PHONE: (###) ###-#### 408-526-4000

OWNER MAILING ADDRESS: 170 West Tasman Drive M/S SJ-2-1

CITY: San Jose

STATE: CA

ZIP CODE: 95134

III. ENVIRONMENTAL CONTACT

CONTACT NAME: Justin Giampaoli

CONTACT PHONE: (###) ###-#### 858-526-1133

CONTACT MAILING ADDRESS: 170 West Tasman Drive M/S SJ-2-1

CITY: San Jose

STATE: CA

ZIP CODE: 95134

IV. EMERGENCY CONTACTS

-PRIMARY-

NAME: Justin Giampaoli

TITLE: Americas EHS Program Manager

-SECONDARY-

NAME: Teresa Larson

TITLE: Global EHS Program Manager

Non-Waste Hazardous Materials Inventory Statement

For use by Unidocs Member Agencies or where approved by your Local Jurisdiction

BUSINESS NAME: Cisco Systems | **DATE:** 11/17/2005 | **PAGE:** 1 of 2

LOCATION: Roof | **EPCRA CONFIDENTIAL:** NO | **TRADE SECRET:** NO | **FACILITY ID#:** 43-011-TMP040-SUBMITTED-17-NOVEMBER-05

1. Hazard Class	2. Grid Code	3. Common Name	4. Hazardous Components	5. Phys. State	6. Quantities	7. Units	8. Storage Codes	9. Haz. Categories
6.1	**Map:** NONE **Grid:** NONE	AA-315 **CAS#:** 111-30-8 **EHS:** NO	COMPONENT NAME: AA-315; EHS: N; %: 100; CAS#: 111-30-8	LIQUID (PURE)	**MAX:** 30 **LARGEST:** 30 **AVG:** 30 **CURIES:** 0 **DAYS:** 365 **CONTAINERS:** E	GAL	**Pressure** AMBIENT **Temp** AMBIENT	ACUTE HEALTH CHRONIC HEALTH
6.1	**Map:** NONE **Grid:** NONE	AA-4015 **CAS#:** 10031-43-3 **EHS:** NO	5-CHLORO-2-METHYL-4-ISOTH-IAZOLIN-3-ONE; N; 2; 26172-55-4 COPPER NITRATE TRIHYDRATE; N; 0.15; 10031-43-3 *MAGNESIUM CHLORIDE; N; 2.2; 7786-30-3 MAGNESIUM NITRATE; N; 2; 13446-18-9	LIQUID (MIXTURE)	**MAX:** 30 **LARGEST:** 30 **AVG:** 30 **CURIES:** 0 **DAYS:** 365 **CONTAINERS:** E	GAL	**Pressure** AMBIENT **Temp** AMBIENT	ACUTE HEALTH CHRONIC HEALTH
5.1	**Map:** NONE **Grid:** NONE	B-261 **CAS#:** 7632-00-0 **EHS:** NO	B-261; N; 100; 7632-00-0	LIQUID (PURE)	**MAX:** 30 **LARGEST:** 30 **AVG:** 30 **CURIES:** 0 **DAYS:** 365 **CONTAINERS:** E	GAL	**Pressure** AMBIENT **Temp** AMBIENT	ACUTE HEALTH
8	**Map:** NONE **Grid:** NONE	C-480 **CAS#:** 7664-93-9 **EHS:** NO	ZINC CHLORIDE; N; 5; 7646-85-7 SULFURIC ACID 50-91%; Y; 4; 7664-93-9	LIQUID (MIXTURE)	**MAX:** 30 **LARGEST:** 30 **AVG:** 30 **CURIES:** 0 **DAYS:** 365 **CONTAINERS:** E	GAL	**Pressure** AMBIENT **Temp** AMBIENT	ACUTE HEALTH CHRONIC HEALTH
9	**Map:** NONE **Grid:** NONE	R-123 **CAS#:** 306-83-2 **EHS:** NO	R-123; N; 100; 306-83-2	LIQUID (PURE)	**MAX:** 180 **LARGEST:** 180 **AVG:** 180 **CURIES:** 0 **DAYS:** 365 **CONTAINERS:** L	GAL	**Pressure** AMBIENT **Temp** AMBIENT	NONE

STORAGE CONTAINER CODES

A = Aboveground Tank, B = Belowground Tank, C = Tank Inside Building, D = Steel Drum, E = Plastic/Nonmetallic Drum, F = Can, G = Carboy, H = Silo, I = Fiber Drum, J = Bag, K = Box, L = Cylinder, M = Glass Bottle or Jug, N = Plastic Bottle or Jug, O = Tote Bin, P = Tank Wagon, Q = Rail Car, R = Other

OTHER ABBREVIATIONS

MAX = Max. Amount Daily, AVG = Avg. Amount Daily, DAYS = Days On Site, LARGEST = Largest Container, CURIES = Curies (in mCi), CONTAINERS = Storage Containers

If EPCRA, Please Sign Here: _____

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Non-Waste Hazardous Materials Inventory Statement

For use by Unidocs Member Agencies or where approved by your Local Jurisdiction

BUSINESS NAME: Cisco Systems		**DATE:** 11/17/2005	**PAGE:** 2 of 2
LOCATION: UPS Battery Storage Room	**EPCRA CONFIDENTIAL:** NO	**TRADE SECRET:** NO	**FACILITY ID#:** 43-011-TMP040-SUBMITTED-17-NOVEMBER-05

1. Hazard Class	2. Grid Code	3. Common Name	4. Hazardous Components	5. Phys. State	6. Quantities	7. Units	8. Storage Codes	9. Haz. Categories
8	**Map:** NONE **Grid:** NONE	BATTERY ELECTROLYTE **CAS#:** NONE **EHS:** NO	COMPONENT NAME: SULFURIC ACID 50-91% / EHS: Y / %: 93 / CAS#: 7664-93-9	LIQUID (MIXTURE)	**MAX:** 40 **LARGEST:** 40 **AVG:** 40 **CURIES:** 0 **DAYS:** 365 **CONTAINERS:** R	GAL	**Pressure** AMBIENT **Temp** AMBIENT	FIRE ACUTE HEALTH CHRONIC HEALTH

STORAGE CONTAINER CODES

A = Aboveground Tank; B = Belowground Tank; C = Tank Inside Building; D = Steel Drum; E = Plastic/Nonmetallic Drum; F = Can; G = Carboy; H = Silo; I = Fiber Drum; J = Bag; K = Box; L = Cylinder; M = Glass Bottle or Jug; N = Plastic Bottle or Jug; O = Tote Bin; P = Tank Wagon; Q = Rail Car; R = Other

OTHER ABBREVIATIONS

MAX = Max. Amount Daily; AVG = Avg. Amount Daily; DAYS = Days On Site; LARGEST = Largest Container; CURIES = Curies (in mCi); CONTAINERS = Storage Containers

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Hazardous Waste Materials Inventory Statement

For use by Unidocs Member Agencies or where approved by your Local Jurisdiction

BUSINESS NAME: Cisco Systems			**DATE:** 11/17/2005	**PAGE:** 1 of 0
LOCATION:	**EPCRA CONFIDENTIAL:** NO	**TRADE SECRET:** NO	**FACILITY ID#:** 43-011-TMP040-SUBMITTED-17-NOVEMBER-05	

1. Hazard Class	2. Grid Code	3. Common Name	4. Hazardous Components	5. Phys. State	6. Quantities	7. Units	8. Storage Codes	9. Haz. Categories

No Non-Waste Records found for this Facility in that Location

STORAGE CONTAINER CODES

A = Aboveground Tank	D = Steel Drum	G = Carboy	J = Bag	M = Glass Bottle or Jug	P = Tank Wagon
B = Belowground Tank	E = Plastic/Nonmetallic Drum	H = Silo	K = Box	N = Plastic Bottle or Jug	Q = Rail Car
C = Tank Inside Building	F = Can	I = Fiber Drum	L = Cylinder	O = Tote Bin	R = Other

OTHER ABBREVIATIONS

MAX = Max. Amount Daily	LARGEST = Largest Container
AVG = Avg. Amount Daily	CURIES = Curies (in mCi)
DAYS = Days On Site	CONTAINERS = Storage Containers

If EPCRA, Please Sign Here: _____

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MILPITAS FIRE DEPARTMENT
HAZARDOUS MATERIALS & ENVIRONMENTAL SERVICES UNIT
HAZARDOUS MATERIALS INSPECTION REPORT
CALIFORNIA FIRE CODE, 2001
MILPITAS MUNICIPAL CODE, TITLE V, CHAPTER 300

Fire Department Nun
00-0438

Inspection Date 01/31/06

CISCO SYSTEMS (BLDG. 22)
00821 Alder Dr
Milpitas, Ca 95035

Lance Lougee (408) 525 - 1921 ext.
Contact Phone Number

Permitted Activities:

HM											

MRI	KX	EL	FA	HS	HD	OS	SS
		EL					

The Milpitas Fire Department conducted a Hazardous Materials inspection at the above address. This notice identifies code violations and the minimum requirements necessary to comply. Items marked with an "X" below will require your attention to come into compliance. Additional information may be written on this notice by the Inspector to provide you with direction for compliance.

		Date Abated
☐	1. Storage cabinets for flammable or combustible liquids shall have well fitted, self closing doors with a latching device; labeled "FLAMMABLE-KEEP FIRE AWAY"; bottom 2 inches liquid tight. [CFC 7902.5.9.3]	
☐	2. All flammable and combustible liquids in excess of maintenance and work station amounts (10 gallons) shall be located in an approved storage cabinet. Volumes stored shall not exceed those permitted by the Fire Code. [CFC 7902.5.8]	
☐	3. Empty tanks and containers previously used for flammable and combustible liquids unless free from explosive vapors, shall be stored as full with cover or plugs in place. [CFC 7902.5.3]	
☐	4. Storage of class I, II, or IIIA liquids shall not be near exit doorways, stairways or a location which may impede egress. [CFC 7902.5.5]	
☐	5. Dispensing of class I liquids is only allowed from approved safety cans or original containers. [CFC 7903.1.3.5]	
☐	6. Class IA flammable liquids shall not be dispensed by gravity from tanks. [CFC 7903.1.3.5]	
☐	7. When a flammable mixture is transferred from one container to another one shall be grounded. Piping systems shall be permanently grounded. [CFC 7903.2.1.3]	
☐	8. Storage cabinets for hazardous materials liquids shall have well fitted, self closing doors equipped with a self latching device; bottom 2 inches liquid tight and labeled "HAZARDOUS-KEEP FIRE AWAY". [CFC 8001.10.6.2]	
☐	9. Secondary containment is required for areas where hazardous materials are stored. [CFC 8001.11.11 as amended by MMC V-300-2.81]	
☐	10. Individual storage areas shall have dedicated drainage to prevent mixing of incompatible materials. [CFC 8003.1.3.3]	
☐	11. Containers previously containing a regulated material shall not be used to store a different material unless container is cleaned in an approved manner and properly labeled for new contents. [CFC 8001.4.6]	
☐	12. All containers in storage shall be arranged in an approved manner, non-compatibles separated (flammables, corrosives, oxidizers, etc.). [CFC 8001.11.8]	
☐	13. Signs prohibiting smoking shall be provided in storage areas and within 25 feet of outdoor storage areas. [CFC 8001.8; 8003.1.2]	
☐	14. Gas cylinders shall be properly identified, located, and secured. [CFC 7401.5.1; 7401.6.4]	
☐	15. Empty containers and tanks previously used for the storage of hazardous materials shall be free from residual materials and vapor as defined by DOT, RCRA or other regulating authority or maintained as specified for the storage of hazardous materials. [CFC 8001.4.6]	
☐	16. Open flames & high-temperature devices shall not be used in a manner which creates a hazardous condition. [CFC 8001.9]	

Fire Department Number 00-0438

☐ 17. Material Safety Data Sheets (MSDS) shall be available at the facility for all materials present. [CFC 8001.6]

☐ 18. All regulated material waste shall be disposed of in an approved manner. Hazardous materials shall not be released into the sewer, storm drain, ditch, drainage canal, lake, river, or tidal waterway, or upon the ground, sidewalk, street, highway or into the atmosphere. [CFC 8001.5.1]

☐ 19. Individual containers, cartons, packages shall be conspicuously marked or labeled in accordance with nationally recognized standards. [CFC 8001.8]

☐ 20. Entrances to areas where hazardous materials are stored, and stationary above ground tanks shall be placarded with NFPA 704 Hazard Signal System for the material(s) contained. [CFC 8001.7 , 8003.1.2]

☐ 21. All above ground piping shall be properly secured and labeled identifying product and direction of flow every 20 feet. [CFC 8001.4.3.2 as amended by MMC-V-300-2.52]

☐ 22. Process equipment shall be maintained as designed to prevent accidental discharge of hazardous materials. [CFC 8001.4.7.1]

☐ 23. A (revised) Hazardous Materials Business Plan shall be submitted within 10 days.[CFC 8001.3.2]

☐ 24. A monitoring method capable of detecting hazardous material leakage from the primary containment into the secondary containment shall be provided. [CFC 8001.11.10 as amended by MMC-V-300-2.80]

☐ 25. Routine inspections of all hazardous materials storage areas and spills of hazardous materials shall be recorded, on a weekly basis, on a monitoring log. [CFC 8001.11.10]

☐ 26. All processes new to the facility shall have Fire Department approval prior to installation and use. [CFC 8001.3.1]

☐ 27. A permit is required to install, repair, abandon, remove, place temporarily out of service, close or substantially modify a storage facility. [CFC 8001.3.1]

ADDITIONAL VIOLATIONS:

☐ See supplemental sheet for additional violations.

ORDERS:

1. Provide documentation for sprinkler 5-year certification — 3/7/06
2. Service fire extinguisher (roof) — 3/7/06

COMMENTS:

REFERRALS:

Your facility will be referred to the following agency(s) for items noted during this inspection which are beyond the scope of this inspection:

☐ **No Hazardous Material violations were observed during the initial inspection.**

For your information: If your business handles hazardous waste, Santa Clara County Hazardous Materials Compliance Division may perform an inspection of your business. For more information, contact 918-3400.

If necessary, a 1st and 2nd re-inspection shall be conducted on or about 30 days from the initial inspection and 15 days from the 1st re-inspection respectively to determine if violation(s) noted above have been corrected and/or orders have been complied with.

Failure to comply with orders and correct violations may render you liable to the penalties as set forth by law, including, but not limited to, administrative, civil and/or criminal citations.

The Fire Department prefers compliance be obtained through the willingness of an individual to comply, and as always, remains ready to assist in this process. If you have any questions or wish to discuss this matter, please contact this office at (408) 586-3365.

Received By: W. Kim Gyuk

Inspector: [signature]

VC-K5

Milpitas Fire Department, Bureau of Fire Prevention, 455 E. Calaveras Blvd., Milpitas, CA 95035
Phone (408) 586-3365 FAX (408) 586-3378

Distribution: WHITE - Fire Department Address File
YELLOW - Business Responsible

Unidocs
The Uniform Documents Project

Hazardous Materials Online Inventory Project

Business Owner/Operator Report

After viewing the facility information below, click "Back to Site Menu" to view more reports.

I. IDENTIFICATION

FACILITY ID#: **43-011-~~TMP039~~ 000437**

BEGINNING DATE (MM/DD/YYYY):

ENDING DATE (MM/DD/YYYY):

BUSINESS NAME (Same as FACILITY NAME or DBA - Doing Business As): **Cisco Systems**

BUSINESS PHONE (###) ###-####: 408-526-4000

BUSINESS SITE ADDRESS: **771 Alder Drive-Building 21**

CITY: **Milpitas, CA**

STATE: **CA**

ZIP CODE: 95035

DUN & BRADSTREET:

SIC CODE (4 digit #):

COUNTY: Santa Clara

BUSINESS OPERATOR NAME: Cisco Systems, Inc.

BUSINESS OPERATOR PHONE: (###) ###-####: 408-526-4000

II. BUSINESS OWNER

OWNER NAME: Cisco Systems, Inc

OWNER PHONE: (###) ###-####: 408-526-4000

OWNER MAILING ADDRESS: 170 West Tasman Drive M/S SJ-2-1

CITY: San Jose

STATE: CA

ZIP CODE: 95134

III. ENVIRONMENTAL CONTACT

CONTACT NAME: Justin Giampaoli

CONTACT PHONE: (###) ###-####: 858-526-1133

CONTACT MAILING ADDRESS: 170 West Tasman Drive M/S SJ-2-1

CITY: San Jose

STATE: CA

ZIP CODE: 95134

IV. EMERGENCY CONTACTS

-PRIMARY-

NAME: Justin Giampaoli

TITLE: Americas EHS Program Manager

-SECONDARY-

NAME: Teresa Larson

TITLE: Global EHS Program Manager

Non-Waste Hazardous Materials Inventory Statement

For use by Unidocs Member Agencies or where approved by your Local Jurisdiction

BUSINESS NAME: Cisco Systems		**DATE:** 4/11/2006	**PAGE:** 1 of 3
LOCATION: Compressed Gas Storage Room	**EPCRA CONFIDENTIAL:** NO	**TRADE SECRET:** NO	**FACILITY ID#:** 43-011-TMP039-SUBMITTED-11-APRIL-06

1. Hazard Class	2. Grid Code	3. Common Name	4. Hazardous Components	5. Phys. State	6. Quantities	7. Units	8. Storage Codes	9. Haz. Categories
2.2	**Map:** NONE **Grid:** NONE	HELIUM **CAS#:** 7440-59-7 **EHS:** NO	COMPONENT NAME: HELIUM; EHS: N; %: 100; CAS#: 7440-59-7	GAS (PURE)	**MAX:** 250 **LARGEST:** 250 **AVG:** 250 **CURIES:** 0 **DAYS:** 365 **CONTAINERS:** L	CUFT	**Pressure** > AMB. **Temp** AMBIENT	PRESSURE RELEASE

STORAGE CONTAINER CODES

A = Aboveground Tank	D = Steel Drum	G = Carboy	J = Bag	M = Glass Bottle or Jug	P = Tank Wagon
B = Belowground Tank	E = Plastic/Nonmetallic Drum	H = Silo	K = Box	N = Plastic Bottle or Jug	Q = Rail Car
C = Tank Inside Building	F = Can	I = Fiber Drum	L = Cylinder	O = Tote Bin	R = Other

OTHER ABBREVIATIONS

MAX = Max. Amount Daily	LARGEST = Largest Container
AVG = Avg. Amount Daily	CURIES = Curies (in mCi)
DAYS = Days On Site	CONTAINERS = Storage Containers

If EPCRA, Please Sign Here: _____

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Non-Waste Hazardous Materials Inventory Statement

For use by Unidocs Member Agencies or where approved by your Local Jurisdiction

BUSINESS NAME: Cisco Systems | **DATE:** 4/11/2006 | **PAGE:** 2 of 3

LOCATION: Roof | **EPCRA CONFIDENTIAL:** NO | **TRADE SECRET:** NO | **FACILITY ID#:** 43-011-TMP039-SUBMITTED-11-APRIL-06

1. Hazard Class	2. Grid Code	3. Common Name	4. Hazardous Components	5. Phys. State	6. Quantities	7. Units	8. Storage Codes	9. Haz. Categories
6.1	**Map:** NONE **Grid:** NONE	AA-315 **CAS#:** 111-30-8 **EHS:** NO	COMPONENT NAME / EHS / % / CAS#: AA-315 / N / 100 / 111-30-8	LIQUID (PURE)	**MAX:** 30 **LARGEST:** 30 **AVG:** 30 **CURIES:** 0 **DAYS:** 365 **CONTAINERS:** E	GAL	**Pressure** AMBIENT **Temp** AMBIENT	ACUTE HEALTH CHRONIC HEALTH
6.1	**Map:** NONE **Grid:** NONE	AA-4015 **CAS#:** 10031-43-3 **EHS:** NO	5-CHLORO-2-METHYL-4-ISOTHIAZOLIN-3-ONE / N / 2 / 26172-55-4 COPPER NITRATE TRIHYDRATE / N / 0.15 / 10031-43-3 *MAGNESIUM CHLORIDE / N / 2.2 / 7786-30-3 MAGNESIUM NITRATE / N / 2 / 13446-18-9	LIQUID (MIXTURE)	**MAX:** 30 **LARGEST:** 30 **AVG:** 30 **CURIES:** 0 **DAYS:** 365 **CONTAINERS:** E	GAL	**Pressure** AMBIENT **Temp** AMBIENT	ACUTE HEALTH CHRONIC HEALTH
5.1	**Map:** NONE **Grid:** NONE	B-261 **CAS#:** 7632-00-0 **EHS:** NO	B-261 / N / 100 / 7632-00-0	LIQUID (PURE)	**MAX:** 30 **LARGEST:** 30 **AVG:** 30 **CURIES:** 0 **DAYS:** 365 **CONTAINERS:** E	GAL	**Pressure** AMBIENT **Temp** AMBIENT	ACUTE HEALTH
8	**Map:** NONE **Grid:** NONE	C-480 **CAS#:** 7664-93-9 **EHS:** NO	ZINC CHLORIDE / N / 5 / 7646-85-7 SULFURIC ACID 50-91% / Y / 4 / 7664-93-9	LIQUID (MIXTURE)	**MAX:** 30 **LARGEST:** 30 **AVG:** 30 **CURIES:** 0 **DAYS:** 365 **CONTAINERS:** E	GAL	**Pressure** AMBIENT **Temp** AMBIENT	ACUTE HEALTH CHRONIC HEALTH

STORAGE CONTAINER CODES

A = Aboveground Tank, B = Belowground Tank, C = Tank Inside Building, D = Steel Drum, E = Plastic/Nonmetallic Drum, F = Can, G = Carboy, H = Silo, I = Fiber Drum, J = Bag, K = Box, L = Cylinder, M = Glass Bottle or Jug, N = Plastic Bottle or Jug, O = Tote Bin, P = Tank Wagon, Q = Rail Car, R = Other

OTHER ABBREVIATIONS

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Non-Waste Hazardous Materials Inventory Statement

For use by Unidocs Member Agencies or where approved by your Local Jurisdiction

BUSINESS NAME: Cisco Systems		**DATE:** 4/11/2006	**PAGE:** 3 of 3
LOCATION: UPS Battery Storage Room	**EPCRA CONFIDENTIAL:** NO	**TRADE SECRET:** NO	**FACILITY ID#:** 43-011-TMP039-SUBMITTED-11-APRIL-06

1. Hazard Class	2. Grid Code	3. Common Name	4. Hazardous Components	5. Phys. State	6. Quantities	7. Units	8. Storage Codes	9. Haz. Categories
8	**Map:** NONE **Grid:** NONE	BATTERY ELECTROLYTES **CAS#:** NA **EHS:** NO	COMPONENT NAME: BATTERY ELECTROLYTES; EHS: N; %: 100; CAS#: NA	LIQUID (MIXTURE)	**MAX:** 40 **LARGEST:** 40 **AVG:** 40 **CURIES:** 0 **DAYS:** 365 **CONTAINERS:** R	GAL	**Pressure** AMBIENT **Temp** AMBIENT	NONE

STORAGE CONTAINER CODES

A = Aboveground Tank, B = Belowground Tank, C = Tank Inside Building, D = Steel Drum, E = Plastic/Nonmetallic Drum, F = Can, G = Carboy, H = Silo, I = Fiber Drum, J = Bag, K = Box, L = Cylinder, M = Glass Bottle or Jug, N = Plastic Bottle or Jug, O = Tote Bin, P = Tank Wagon, Q = Rail Car, R = Other

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If EPCRA, Please Sign Here: _____

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Hazardous Waste Materials Inventory Statement

For use by Unidocs Member Agencies or where approved by your Local Jurisdiction

BUSINESS NAME: Cisco Systems		**DATE:** 4/11/2006	**PAGE:** 1 of 0
LOCATION:	**EPCRA CONFIDENTIAL:** NO	**TRADE SECRET:** NO	**FACILITY ID#:** 43-011-TMP039-SUBMITTED-11-APRIL-06

1. Hazard Class	2. Grid Code	3. Common Name	4. Hazardous Components	5. Phys. State	6. Quantities	7. Units	8. Storage Codes	9. Haz. Categories

No Non-Waste Records found for this Facility in that Location

STORAGE CONTAINER CODES

A = Aboveground Tank	D = Steel Drum	G = Carboy	J = Bag	M = Glass Bottle or Jug	P = Tank Wagon
B = Belowground Tank	E = Plastic/Nonmetallic Drum	H = Silo	K = Box	N = Plastic Bottle or Jug	Q = Rail Car
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OTHER ABBREVIATIONS

MAX = Max. Amount Daily	LARGEST = Largest Container
AVG = Avg. Amount Daily	CURIES = Curies (in mCi)
DAYS = Days On Site	CONTAINERS = Storage Containers

If EPCRA, Please Sign Here: _____

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MILPITAS FIRE DEPARTMENT
HAZARDOUS MATERIALS & ENVIRONMENTAL SERVICES UNIT
HAZARDOUS MATERIALS INSPECTION REPORT
CALIFORNIA FIRE CODE, 2001
MILPITAS MUNICIPAL CODE, TITLE V, CHAPTER 300

Fire Department Number
00-0437

Inspection Date 01/31/06

CISCO SYSTEMS (BLDG. 21)
00771 Alder Dr
Milpitas, Ca 95035

Lance Lougee (408) 525 - 1921 ext.
Contact Phone Number

Permitted Activities:

HM											

MRI	KX	EL	FA	HS	HD	OS	SS
		EL					

The Milpitas Fire Department conducted a Hazardous Materials inspection at the above address. This notice identifies code violations and the minimum requirements necessary to comply. Items marked with an "X" below will require your attention to come into compliance. Additional information may be written on this notice by the Inspector to provide you with direction for compliance.

		Date Abated
☐	1. Storage cabinets for flammable or combustible liquids shall have well fitted, self closing doors with a latching device; labeled "FLAMMABLE-KEEP FIRE AWAY"; bottom 2 inches liquid tight. [CFC 7902.5.9.3]	
☐	2. All flammable and combustible liquids in excess of maintenance and work station amounts (10 gallons) shall be located in an approved storage cabinet. Volumes stored shall not exceed those permitted by the Fire Code. [CFC 7902.5.8]	
☐	3. Empty tanks and containers previously used for flammable and combustible liquids unless free from explosive vapors, shall be stored as full with cover or plugs in place. [CFC 7902.5.3]	
☐	4. Storage of class I, II, or IIIA liquids shall not be near exit doorways, stairways or a location which may impede egress. [CFC 7902.5.5]	
☐	5. Dispensing of class I liquids is only allowed from approved safety cans or original containers. [CFC 7903.1.3.5]	
☐	6. Class IA flammable liquids shall not be dispensed by gravity from tanks. [CFC 7903.1.3.5]	
☐	7. When a flammable mixture is transferred from one container to another one shall be grounded. Piping systems shall be permanently grounded. [CFC 7903.2.1.3]	
☐	8. Storage cabinets for hazardous materials liquids shall have well fitted, self closing doors equipped with a self latching device; bottom 2 inches liquid tight and labeled "HAZARDOUS-KEEP FIRE AWAY". [CFC 8001.10.6.2]	
☐	9. Secondary containment is required for areas where hazardous materials are stored. [CFC 8001.11.11 as amended by MMC V-300-2.81]	
☐	10. Individual storage areas shall have dedicated drainage to prevent mixing of incompatible materials. [CFC 8003.1.3.3]	
☐	11. Containers previously containing a regulated material shall not be used to store a different material unless container is cleaned in an approved manner and properly labeled for new contents. [CFC 8001.4.6]	
☐	12. All containers in storage shall be arranged in an approved manner, non-compatibles separated (flammables, corrosives, oxidizers, etc.). [CFC 8001.11.8]	
☐	13. Signs prohibiting smoking shall be provided in storage areas and within 25 feet of outdoor storage areas. [CFC 8001.8; 8003.1.2]	
☐	14. Gas cylinders shall be properly identified, located, and secured. [CFC 7401.5.1; 7401.6.4]	
☐	15. Empty containers and tanks previously used for the storage of hazardous materials shall be free from residual materials and vapor as defined by DOT, RCRA or other regulating authority or maintained as specified for the storage of hazardous materials. [CFC 8001.4.6]	
	16. Open flames & high-temperature devices shall not be used in a manner which creates a hazardous condition. [CFC 8001.9]	

Fire Department Number 00-04[illegible]

- ☐ 17. Material Safety Data Sheets (MSDS) shall be available at the facility for all materials present. [CFC 8001.6]
- ☐ 18. All regulated material waste shall be disposed of in an approved manner. Hazardous materials shall not be released into the sewer, storm drain, ditch, drainage canal, lake, river, or tidal waterway, or upon the ground, sidewalk, street, highway or into the atmosphere. [CFC 8001.5.1]
- ☐ 19. Individual containers, cartons, packages shall be conspicuously marked or labeled in accordance with nationally recognized standards. [CFC 8001.8]
- ☐ 20. Entrances to areas where hazardous materials are stored, and stationary above ground tanks shall be placarded with NFPA 704 Hazard Signal System for the material(s) contained. [CFC 8001.7 , 8003.1.2]
- ☐ 21. All above ground piping shall be properly secured and labeled identifying product and direction of flow every 20 feet. [CFC 8001.4.3.2 as amended by MMC-V-300-2.52]
- ☐ 22. Process equipment shall be maintained as designed to prevent accidental discharge of hazardous materials. [CFC 8001.4.7.1]
- ☒ 23. A (revised) Hazardous Materials Business Plan shall be submitted within 10 days.[CFC 8001.3.2] 4/11/06
- ☐ 24. A monitoring method capable of detecting hazardous material leakage from the primary containment into the secondary containment shall be provided. [CFC 8001.11.10 as amended by MMC-V-300-2.80]
- ☐ 25. Routine inspections of all hazardous materials storage areas and spills of hazardous materials shall be recorded, on a weekly basis, on a monitoring log. [CFC 8001.11.10]
- ☐ 26. All processes new to the facility shall have Fire Department approval prior to installation and use. [CFC 8001.3.1]
- ☐ 27. A permit is required to install, repair, abandon, remove, place temporarily out of service, close or substantially modify a storage facility. [CFC 8001.3.1]

ADDITIONAL VIOLATIONS:

☒ See supplemental sheet for additional violations.

ORDERS:

X 1. Post sign on gas cylinder door (in restaurant) 3/7/06

X 2. Provide documentation on sprinkler 5-year tests. 3/7/06

COMMENTS:

#23: Add He to HMBP.

REFERRALS:

Your facility will be referred to the following agency(s) for items noted during this inspection which are beyond the scope of this inspection:

☐ **No Hazardous Material violations were observed during the initial inspection.**

For your information: If your business handles hazardous waste, Santa Clara County Hazardous Materials Compliance Division may perform an inspection of your business. For more information, contact 918-3400.

If necessary, a 1st and 2nd re-inspection shall be conducted on or about 30 days from the initial inspection and 15 days from the 1st re-inspection respectively to determine if violation(s) noted above have been corrected and/or orders have been complied with.

Failure to comply with orders and correct violations may render you liable to the penalties as set forth by law, including, but not limited to, administrative, civil and/or criminal citations.

The Fire Department prefers compliance be obtained through the willingness of an individual to comply, and as always, remains ready to assist in this process. If you have any questions or wish to discuss this matter, please contact this office at (408) 586-3365.

Received By: W. Ken Cook

Inspector: [signature]

VC-K5

Milpitas Fire Department, Bureau of Fire Prevention, 455 E. Calaveras Blvd., Milpitas, CA 95035
Phone (408) 586-3365 FAX (408) 586-3378

Distribution: WHITE - Fire Department Address File
YELLOW - Business Responsible

Unidocs
The Uniform Documents Project

Hazardous Materials Online Inventory Project

Business Owner/Operator Report

After viewing the facility information below, click "Back to Site Menu" to view more reports.

I. IDENTIFICATION

FACILITY ID#: **43-011-TMP041**

BEGINNING DATE (MM/DD/YYYY):

ENDING DATE (MM/DD/YYYY):

BUSINESS NAME (Same as FACILITY NAME or DBA - Doing Business As): **Cisco Systems**

BUSINESS PHONE (###) ###-####: 408-526-4000

BUSINESS SITE ADDRESS: **560 McCarthy Blvd. Building 23**

CITY: **Milpitas, CA**

STATE: **CA**

ZIP CODE: 95035

DUN & BRADSTREET:

SIC CODE (4 digit #):

COUNTY: Santa Clara

BUSINESS OPERATOR NAME: Cisco Systems

BUSINESS OPERATOR PHONE: (###) ###-####: 408-526-4000

II. BUSINESS OWNER

OWNER NAME: Cisco Systems, Inc.

OWNER PHONE: (###) ###-####: 408-526-4000

OWNER MAILING ADDRESS: 170 West Tasman Drive M/S SJ-2-1

CITY: San Jose

STATE: CA

ZIP CODE: 95134

III. ENVIRONMENTAL CONTACT

CONTACT NAME: Justin Giampaoli

CONTACT PHONE: (###) ###-####: 858-526-1133

CONTACT MAILING ADDRESS: 170 West Tasman Drive M/S SJ-2-1

CITY: San Jose

STATE: CA

ZIP CODE: 95134

IV. EMERGENCY CONTACTS

-PRIMARY-

NAME: Justin Giampaoli

TITLE: Americas EHS Program Manager

-SECONDARY-

NAME: Teresa Larson

TITLE: Global EHS Program Manager

Non-Waste Hazardous Materials Inventory Statement

For use by Unidocs Member Agencies or where approved by your Local Jurisdiction

BUSINESS NAME: Cisco Systems | **DATE:** 11/18/2005 | **PAGE:** 1 of 3

LOCATION: Roof | **EPCRA CONFIDENTIAL:** NO | **TRADE SECRET:** NO | **FACILITY ID#:** 43-011-TMP041-SUBMITTED-18-NOVEMBER-05

1. Hazard Class	2. Grid Code	3. Common Name	4. Hazardous Components	5. Phys. State	6. Quantities	7. Units	8. Storage Codes	9. Haz. Categories
6.1	**Map:** NONE **Grid:** NONE	AA-315 **CAS#:** 111-30-8 **EHS:** NO	COMPONENT NAME: AA-315; EHS: N; %: 100; CAS#: 111-30-8	LIQUID (PURE)	**MAX:** 30 **LARGEST:** 30 **AVG:** 30 **CURIES:** 0 **DAYS:** 365 **CONTAINERS:** E	GAL	**Pressure** AMBIENT **Temp** AMBIENT	ACUTE HEALTH CHRONIC HEALTH
6.1	**Map:** NONE **Grid:** NONE	AA-4015 **CAS#:** 10031-43-3 **EHS:** NO	5-CHLORO-2-METHYL-4-ISOTHIAZOLIN-3-ONE: N; 2; 26172-55-4 COPPER NITRATE TRIHYDRATE: N; 0.15; 10031-43-3 *MAGNESIUM CHLORIDE: N; 2.2; 7786-30-3 MAGNESIUM NITRATE: N; 2; 13446-18-9	LIQUID (MIXTURE)	**MAX:** 30 **LARGEST:** 30 **AVG:** 30 **CURIES:** 0 **DAYS:** 365 **CONTAINERS:** E	GAL	**Pressure** AMBIENT **Temp** AMBIENT	ACUTE HEALTH CHRONIC HEALTH
5.1	**Map:** NONE **Grid:** NONE	B-261 **CAS#:** 7632-00-0 **EHS:** NO	B-261: N; 100; 7632-00-0	LIQUID (PURE)	**MAX:** 30 **LARGEST:** 30 **AVG:** 30 **CURIES:** 0 **DAYS:** 365 **CONTAINERS:** E	GAL	**Pressure** AMBIENT **Temp** AMBIENT	ACUTE HEALTH
8	**Map:** NONE **Grid:** NONE	BROMEX 11 **CAS#:** 1310-73-2 **EHS:** NO	BROMEX 11: N; 100; 1310-73-2	LIQUID (PURE)	**MAX:** 30 **LARGEST:** 30 **AVG:** 30 **CURIES:** 0 **DAYS:** 365 **CONTAINERS:** E	GAL	**Pressure** AMBIENT **Temp** AMBIENT	ACUTE HEALTH CHRONIC HEALTH
0	**Map:** NONE **Grid:** NONE	C-366 **CAS#:** NONE **EHS:** NO	C-366: N; 100;	LIQUID (MIXTURE)	**MAX:** 30 **LARGEST:** 30 **AVG:** 30 **CURIES:** 0 **DAYS:** 365 **CONTAINERS:** E	GAL	**Pressure** AMBIENT **Temp** AMBIENT	ACUTE HEALTH
8	**Map:** NONE **Grid:** NONE	C-480 **CAS#:** 7664-93-9 **EHS:** NO	ZINC CHLORIDE: N; 5; 7646-85-7 SULFURIC ACID 50-91%: Y; 4; 7664-93-9	LIQUID (MIXTURE)	**MAX:** 30 **LARGEST:** 30 **AVG:** 30 **CURIES:** 0 **DAYS:** 365 **CONTAINERS:** E	GAL	**Pressure** AMBIENT **Temp** AMBIENT	ACUTE HEALTH CHRONIC HEALTH

STORAGE CONTAINER CODES

A = Aboveground Tank, B = Belowground Tank, C = Tank Inside Building, D = Steel Drum, E = Plastic/Nonmetallic Drum, F = Can, G = Carboy, H = Silo, I = Fiber Drum, J = Bag, K = Box, L = Cylinder, M = Glass Bottle or Jug, N = Plastic Bottle or Jug, O = Tote Bin, P = Tank Wagon, Q = Rail Car, R = Other

OTHER ABBREVIATIONS

MAX = Max. Amount Daily, AVG = Avg. Amount Daily, DAYS = Days On Site, LARGEST = Largest Container, CURIES = Curies (in mCi), CONTAINERS = Storage Containers

If EPCRA, Please Sign Here: _____

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Non-Waste Hazardous Materials Inventory Statement

For use by Unidocs Member Agencies or where approved by your Local Jurisdiction

BUSINESS NAME: Cisco Systems | **DATE:** 11/18/2005 | **PAGE:** 2 of 3

LOCATION: Roof | **EPCRA CONFIDENTIAL:** NO | **TRADE SECRET:** NO | **FACILITY ID#:** 43-011-TMP041-SUBMITTED-18-NOVEMBER-05

1. Hazard Class	2. Grid Code	3. Common Name	4. Hazardous Components	5. Phys. State	6. Quantities	7. Units	8. Storage Codes	9. Haz. Categories
8	**Map:** NONE **Grid:** NONE	HS-4230 **CAS#:** 64665-57-2 **EHS:** NO	COMPONENT NAME / EHS / % / CAS#: SODIUM HYDROXIDE 50% / N / 10 / 1310-73-2; SODIUM TOLYLTRIAZOLE / N / 2 / 64665-57-2	LIQUID (MIXTURE)	**MAX:** 50 **LARGEST:** 50 **AVG:** 50 **CURIES:** 0 **DAYS:** 365 **CONTAINERS:** E	GAL	**Pressure** AMBIENT **Temp** AMBIENT	ACUTE HEALTH CHRONIC HEALTH
9	**Map:** NONE **Grid:** NONE	R-123 **CAS#:** 306-83-2 **EHS:** NO	COMPONENT NAME / EHS / % / CAS#: R-123 / N / 100 / 306-83-2	LIQUID (PURE)	**MAX:** 180 **LARGEST:** 30 **AVG:** 180 **CURIES:** 0 **DAYS:** 365 **CONTAINERS:** L	GAL	**Pressure** > AMB. **Temp** AMBIENT	NONE

STORAGE CONTAINER CODES

A = Aboveground Tank, B = Belowground Tank, C = Tank Inside Building, D = Steel Drum, E = Plastic/Nonmetallic Drum, F = Can, G = Carboy, H = Silo, I = Fiber Drum, J = Bag, K = Box, L = Cylinder, M = Glass Bottle or Jug, N = Plastic Bottle or Jug, O = Tote Bin, P = Tank Wagon, Q = Rail Car, R = Other

OTHER ABBREVIATIONS

MAX = Max. Amount Daily, AVG = Avg. Amount Daily, DAYS = Days On Site, LARGEST = Largest Container, CURIES = Curies (in mCi), CONTAINERS = Storage Containers

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Non-Waste Hazardous Materials Inventory Statement

For use by Unidocs Member Agencies or where approved by your Local Jurisdiction

BUSINESS NAME: Cisco Systems		**DATE:** 11/18/2005	**PAGE:** 3 of 3
LOCATION: UPS Battery Storage	**EPCRA CONFIDENTIAL:** NO	**TRADE SECRET:** NO	**FACILITY ID#:** 43-011-TMP041-SUBMITTED-18-NOVEMBER-05

1. Hazard Class	2. Grid Code	3. Common Name	4. Hazardous Components	5. Phys. State	6. Quantities	7. Units	8. Storage Codes	9. Haz. Categories
8	**Map:** NONE **Grid:** NONE	BATTERY ELECTROLYTES **CAS#:** NA **EHS:** NO	COMPONENT NAME: BATTERY ELECTROLYTES; EHS: N; %: 100; CAS#: NA	LIQUID (MIXTURE)	**MAX:** 40 **LARGEST:** 30 **AVG:** 40 **CURIES:** 0 **DAYS:** 365 **CONTAINERS:** R	GAL	**Pressure** AMBIENT **Temp** AMBIENT	NONE

STORAGE CONTAINER CODES

A = Aboveground Tank, B = Belowground Tank, C = Tank Inside Building, D = Steel Drum, E = Plastic/Nonmetallic Drum, F = Can, G = Carboy, H = Silo, I = Fiber Drum, J = Bag, K = Box, L = Cylinder, M = Glass Bottle or Jug, N = Plastic Bottle or Jug, O = Tote Bin, P = Tank Wagon, Q = Rail Car, R = Other

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MAX = Max. Amount Daily, AVG = Avg. Amount Daily, DAYS = Days On Site, LARGEST = Largest Container, CURIES = Curies (in mCi), CONTAINERS = Storage Containers

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If EPCRA, Please Sign Here: _____

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Hazardous Waste Materials Inventory Statement

For use by Unidocs Member Agencies or where approved by your Local Jurisdiction

BUSINESS NAME: Cisco Systems		**DATE:** 11/18/2005	**PAGE:** 1 of 0
LOCATION:	**EPCRA CONFIDENTIAL:** NO **TRADE SECRET:** NO	**FACILITY ID#:** 43-011-TMP041-SUBMITTED-18-NOVEMBER-05	

1. Hazard Class	2. Grid Code	3. Common Name	4. Hazardous Components	5. Phys. State	6. Quantities	7. Units	8. Storage Codes	9. Haz. Categories

No Non-Waste Records found for this Facility in that Location

STORAGE CONTAINER CODES

A = Aboveground Tank	D = Steel Drum	G = Carboy	J = Bag	M = Glass Bottle or Jug	P = Tank Wagon
B = Belowground Tank	E = Plastic/Nonmetallic Drum	H = Silo	K = Box	N = Plastic Bottle or Jug	Q = Rail Car
C = Tank Inside Building	F = Can	I = Fiber Drum	L = Cylinder	O = Tote Bin	R = Other

OTHER ABBREVIATIONS

MAX = Max. Amount Daily	LARGEST = Largest Container
AVG = Avg. Amount Daily	CURIES = Curies (in mCi)
DAYS = Days On Site	CONTAINERS = Storage Containers

If EPCRA, Please Sign Here: _____

Back to Site Menu

MILPITAS FIRE DEPARTMENT
HAZARDOUS MATERIALS & ENVIRONMENTAL SERVICES UNIT
HAZARDOUS MATERIALS INSPECTION REPORT
CALIFORNIA FIRE CODE, 2001
MILPITAS MUNICIPAL CODE, TITLE V, CHAPTER 300

Fire Department Num.
01-0141

Inspection Date 02/07/06

CISCO SYSTEMS, INC. (BLDG. 23)
00560 N Mc Carthy Blvd
Milpitas, Ca 95035

Lance Lougee (408) 525 - 1921 ext.
Contact Phone Number

Permitted Activities:

HM										

MRI	KX	EL	FA	HS	HD	OS	SS
		EL				OS	SS

The Milpitas Fire Department conducted a Hazardous Materials inspection at the above address. This notice identifies code violations and the minimum requirements necessary to comply. Items marked with an "X" below will require your attention to come into compliance. Additional information may be written on this notice by the Inspector to provide you with direction for compliance.

		Date Abated
☐	1. Storage cabinets for flammable or combustible liquids shall have well fitted, self closing doors with a latching device; labeled "FLAMMABLE-KEEP FIRE AWAY"; bottom 2 inches liquid tight. [CFC 7902.5.9.3]	
☐	2. All flammable and combustible liquids in excess of maintenance and work station amounts (10 gallons) shall be located in an approved storage cabinet. Volumes stored shall not exceed those permitted by the Fire Code. [CFC 7902.5.8]	
☐	3. Empty tanks and containers previously used for flammable and combustible liquids unless free from explosive vapors, shall be stored as full with cover or plugs in place. [CFC 7902.5.3]	
☐	4. Storage of class I, II, or IIIA liquids shall not be near exit doorways, stairways or a location which may impede egress. [CFC 7902.5.5]	
☐	5. Dispensing of class I liquids is only allowed from approved safety cans or original containers. [CFC 7903.1.3.5]	
☐	6. Class IA flammable liquids shall not be dispensed by gravity from tanks. [CFC 7903.1.3.5]	
☐	7. When a flammable mixture is transferred from one container to another one shall be grounded. Piping systems shall be permanently grounded. [CFC 7903.2.1.3]	
☐	8. Storage cabinets for hazardous materials liquids shall have well fitted, self closing doors equipped with a self latching device; bottom 2 inches liquid tight and labeled "HAZARDOUS-KEEP FIRE AWAY". [CFC 8001.10.6.2]	
☐	9. Secondary containment is required for areas where hazardous materials are stored. [CFC 8001.11.11 as amended by MMC V-300-2.81]	
☐	10. Individual storage areas shall have dedicated drainage to prevent mixing of incompatible materials. [CFC 8003.1.3.3]	
☐	11. Containers previously containing a regulated material shall not be used to store a different material unless container is cleaned in an approved manner and properly labeled for new contents. [CFC 8001.4.6]	
☐	12. All containers in storage shall be arranged in an approved manner, non-compatibles separated (flammables, corrosives, oxidizers, etc.). [CFC 8001.11.8]	
☐	13. Signs prohibiting smoking shall be provided in storage areas and within 25 feet of outdoor storage areas. [CFC 8001.8; 8003.1.2]	
☐	14. Gas cylinders shall be properly identified, located, and secured. [CFC 7401.5.1; 7401.6.4]	
☐	15. Empty containers and tanks previously used for the storage of hazardous materials shall be free from residual materials and vapor as defined by DOT, RCRA or other regulating authority or maintained as specified for the storage of hazardous materials. [CFC 8001.4.6]	
☐	16. Open flames & high-temperature devices shall not be used in a manner which creates a hazardous condition. [CFC 8001.9]	

Fire Department Number 01-0141

☐ 17. Material Safety Data Sheets (MSDS) shall be available at the facility for all materials present. [CFC 8001.6]

☐ 18. All regulated material waste shall be disposed of in an approved manner. Hazardous materials shall not be released into the sewer, storm drain, ditch, drainage canal, lake, river, or tidal waterway, or upon the ground, sidewalk, street, highway or into the atmosphere. [CFC 8001.5.1]

☒ 19. Individual containers, cartons, packages shall be conspicuously marked or labeled in accordance with nationally recognized standards. [CFC 8001.8]

☐ 20. Entrances to areas where hazardous materials are stored, and stationary above ground tanks shall be placarded with NFPA 704 Hazard Signal System for the material(s) contained. [CFC 8001.7 , 8003.1.2]

☐ 21. All above ground piping shall be properly secured and labeled identifying product and direction of flow every 20 feet. [CFC 8001.4.3.2 as amended by MMC-V-300-2.52]

☐ 22. Process equipment shall be maintained as designed to prevent accidental discharge of hazardous materials. [CFC 8001.4.7.1]

☐ 23. A (revised) Hazardous Materials Business Plan shall be submitted within 10 days.[CFC 8001.3.2]

☐ 24. A monitoring method capable of detecting hazardous material leakage from the primary containment into the secondary containment shall be provided. [CFC 8001.11.10 as amended by MMC-V-300-2.80]

☐ 25. Routine inspections of all hazardous materials storage areas and spills of hazardous materials shall be recorded, on a weekly basis, on a monitoring log. [CFC 8001.11.10]

☐ 26. All processes new to the facility shall have Fire Department approval prior to installation and use. [CFC 8001.3.1]

☐ 27. A permit is required to install, repair, abandon, remove, place temporarily out of service, close or substantially modify a storage facility. [CFC 8001.3.1]

ADDITIONAL VIOLATIONS:

☐ See supplemental sheet for additional violations.

ORDERS:

1. Service fire extinguisher on roof. 3/7/06

X 2. Provide copy of sprinkler system 5-year certification, quarterly alarm tests, and location of sprinker wrench. 3/7/06

COMMENTS:

#19: Re-label roof chemicals. 3/7/06

REFERRALS:

Your facility will be referred to the following agency(s) for items noted during this inspection which are beyond the scope of this inspection:

☐ **No Hazardous Material violations were observed during the initial inspection.**

For your information: If your business handles hazardous waste, Santa Clara County Hazardous Materials Compliance Division may perform an inspection of your business. For more information, contact 918-3400.

If necessary, a 1st and 2nd re-inspection shall be conducted on or about 30 days from the initial inspection and 15 days from the 1st re-inspection respectively to determine if violation(s) noted above have been corrected and/or orders have been complied with.

Failure to comply with orders and correct violations may render you liable to the penalties as set forth by law, including, but not limited to, administrative, civil and/or criminal citations.

The Fire Department prefers compliance be obtained through the willingness of an individual to comply, and as always, remains ready to assist in this process. If you have any questions or wish to discuss this matter, please contact this office at (408) 586-3365.

eived By: W. Ken Lynch Inspector: Valentin M Cintron

VC-K5

Milpitas Fire Department, Bureau of Fire Prevention, 455 E. Calaveras Blvd., Milpitas, CA 95035
Phone (408) 586-3365 FAX (408) 586-3378

Distribution: WHITE - Fire Department Address File
YELLOW - Business Responsible

UNIFIED PROGRAM CONSOLIDATED FORM

FACILITY INFORMATION

BUSINESS OWNER/OPERATOR IDENTIFICATION

I. IDENTIFICATION

FACILITY ID # (Agency Use Only) 1.	BEGINNING DATE 100. October 18, 2002	ENDING DATE 101. Present	
BUSINESS NAME (Same as FACILITY NAME or DBA - Doing Business As) 3. Maxtor Corporation		BUSINESS PHONE 102. (408) 894-5000	
BUSINESS SITE ADDRESS 103. 500 McCarthy Boulevard - Bldg. 2			
CITY 104. Milpitas	CA	ZIP CODE 105. 95035	
DUN & BRADSTREET 106. 177667219		SIC CODE (4 digit #) 107. 3572	
COUNTY 108. Santa Clara			
BUSINESS OPERATOR NAME 109. Maxtor Corporation		BUSINESS OPERATOR PHONE 110. (408)894-5000	

II. BUSINESS OWNER

OWNER NAME 111. Maxtor Corporation		OWNER PHONE 112. (408) 894-5000
OWNER MAILING ADDRESS 113. 500 McCarthy Boulevard		
CITY 114. Milpitas	STATE 115. California	ZIP CODE 116. 95035

III. ENVIRONMENTAL CONTACT

CONTACT NAME 117. Prennie T. Pascual		CONTACT PHONE 11 (408)894-4793
CONTACT MAILING ADDRESS 119. 500 McCarthy Boulevard		
CITY 120. Milpitas	STATE 121. California	ZIP CODE 122. 95035

IV. EMERGENCY CONTACTS

-PRIMARY-	-SECONDARY-
NAME 123. Prennie T. Pascual	NAME 128. George Horvath
TITLE 124. EH&S Manager	TITLE 129. Sr. Mgr. Engineering/Business Ops.
BUSINESS PHONE 125. (408)894-4793	BUSINESS PHONE 130. (408) 894-3744
24-HOUR PHONE* 126. (408)894-5503	24-HOUR PHONE* 131. (408)894-5503
PAGER # 127. (408)939-1043	PAGER # 132.

ADDITIONAL LOCALLY COLLECTED INFORMATION: 133.

Property Owner: Peery-Arrillaga Phone No.: (408)980-0130

Billing Address: **Prennie T. Pascual**

500 McCarthy Boulevard, Milpitas, CA 95035

Certification: Based on my inquiry of those individuals responsible for obtaining the information, I certify under penalty of law that I have personally examined and am familiar with the information submitted and believe the information is true, accurate, and complete.

SIGNATURE OF OWNER/OPERATOR OR DESIGNATED REPRESENTATIVE	DATE 134. 12/20/05	NAME OF DOCUMENT PREPARER 135. Prennie T. Pascual
NAME OF SIGNER (print) 136. Prennie T. Pascual	TITLE OF SIGNER 137. EH&S/Security, Sr. Manager	

* See Instructions on next page.

UNIFIED PROGRAM CONSOLIDATED FORM
FACILITY INFORMATION

BUSINESS ACTIVITIES

I. FACILITY IDENTIFICATION

FACILITY ID # *(Agency Use Only)*	1.	EPA ID # (Hazardous Waste Only)	2.
		CAD982434714	

BUSINESS NAME (Same as Facility Name or DBA - Doing Business As) 3.

Maxtor Corporation

II. ACTIVITIES DECLARATION

NOTE: If you check YES to any part of this list, please submit the Business Owner/Operator Identification page (OES Form 2730).

Does your facility...	If Yes, please complete these pages of the UPCF...	
A. HAZARDOUS MATERIALS Have on site (for any purpose) hazardous materials at or above 55 gallons for liquids, 500 pounds for solids, or 200 cubic feet for compressed gases (include liquids in ASTs and USTs); or the applicable Federal threshold quantity for an extremely hazardous substance specified in 40 CFR Part 355, Appendix A or B; or handle radiological materials in quantities for which an emergency plan is required pursuant to 10 CFR Parts 30, 40 or 70?	☒ YES ☐ NO 4.	HAZARDOUS MATERIALS INVENTORY - CHEMICAL DESCRIPTION (OES 2731)
B. UNDERGROUND STORAGE TANKS (USTs) 1. Own or operate underground storage tanks?	☐ YES ☒ NO 5.	UST FACILITY (Formerly SWRCB Form A) UST TANK (one page per tank) (Formerly Form B)
2. Intend to upgrade existing or install new USTs?	☐ YES ☒ NO 6.	UST FACILITY UST TANK (one per tank) UST INSTALLATION - CERTIFICATE OF COMPLIANCE (one page per tank) (Formerly Form C)
3. Need to report closing a UST?	☐ YES ☒ NO 7.	UST TANK (closure portion – one page per tank)
C. ABOVE GROUND PETROLEUM STORAGE TANKS (ASTs) Own or operate ASTs above these thresholds: ---any tank capacity is greater than 660 gallons, or ---the total capacity for the facility is greater than 1,320 gallons?	☐ YES ☒ NO 8.	NO FORM REQUIRED TO CUPAs
D. HAZARDOUS WASTE 1. Generate hazardous waste?	☒ YES ☐ NO 9.	EPA ID NUMBER – provide at the top of this page
2. Recycle more than 100 kg/month of excluded or exempted recyclable materials (per H&SC §25143.2)?	☐ YES ☒ NO 10.	RECYCLABLE MATERIALS REPORT (one per recycler)
3. Treat hazardous waste on site?	☐ YES ☒ NO 11.	ONSITE HAZARDOUS WASTE TREATMENT - FACILITY (Formerly DTSC Forms 1772) ONSITE HAZARDOUS WASTE TREATMENT - UNIT (one page per unit) (Formerly DTSC Forms 1772 A,B,C,D and L)
4. Treatment subject to financial assurance requirements (for Permit by Rule and Conditional Authorization)?	☐ YES ☒ NO 12.	CERTIFICATION OF FINANCIAL ASSURANCE (Formerly DTSC Form 1232)
5. Consolidate hazardous waste generated at a remote site?	☐ YES ☒ NO 13.	REMOTE WASTE / CONSOLIDATION SITE ANNUAL NOTIFICATION (Formerly DTSC Form 1196)
6. Need to report the closure/removal of a tank that was classified as hazardous waste and cleaned onsite?	☐ YES ☒ NO 14.	HAZARDOUS WASTE TANK CLOSURE CERTIFICATION (Formerly DTSC Form 1249)

E. LOCAL REQUIREMENTS 15.

(You may also be required to provide additional information by your CUPA or local agency.)

Date: 10/18/2002

Non-Waste Hazardous Materials Inventory Statement

For use by Unidocs Member Agencies or where approved by your Local Jurisdiction

Business Name: Maxtor Corporation (Same as Facility Name or DBA)

Type of Report on This Page: ☐ Add; ☐ Delete; ☒ Revise

Page 3 of 18 (One page per building or area)

Chemical Location: Building 1, HDB Lab (Building/Storage Area)

EPCRA Confidential Location? ☐ Yes; ☒ No

Trade Secret Information? ☐ Yes; ☒ No

Facility ID # (Agency Use Only)

1. Haz. Class	2. Map and Grid or Location Code	3. Common Name	4. Hazardous Components (For mixtures only) Chemical Name	% Wt.	EHS	CAS No.	5. Type and Physical State	6. Quantities Max. Daily	Average Daily	Largest Cont.	7. Units	8. Storage Codes Storage Pressure	Storage Temp.	9. Hazard Categories
FL	11204	ACETONE CAS No.: 67-64-1		99	☐	67-64-1	☒ pure ☐ mixture ☐ solid ☒ liquid ☐ gas	4 Curies: (If radioactive)	2 Days On Site: 365	1 Storage Container:* M	☒ gallons ☐ pounds ☐ cu. feet ☐ tons	☒ ambient ☐ > amb. ☐ < amb.	☒ ambient ☐ > amb. ☐ < amb. ☐ cryogenic	☒ fire ☐ reactive ☐ pressure ☐ acute hea ☐ chronic health ☐ radioactive
FL	11204	ISOPROPYL ALCOHOL CAS No.: 67-63-0		99	☐	67-63-0	☒ pure ☐ mixture ☐ solid ☒ liquid ☐ gas	8 Curies: (If radioactive)	4 Days On Site: 365	1 Storage Container:* M	☒ gallons ☐ pounds ☐ cu. feet ☐ tons	☒ ambient ☐ > amb. ☐ < amb.	☒ ambient ☐ > amb. ☐ < amb. ☐ cryogenic	☒ fire ☐ reactive ☐ pressure release ☐ acute health ☐ chronic health ☐ radioactive
FL	11204	VERTREL XF CAS No.: 138495-42-8	2,3-Dihydroperfluoropentane	99	☐	138495-42-8	☒ pure ☐ mixture ☐ solid ☒ liquid ☐ gas	5 Curies: (If radioactive)	1 Days On Site: 365	1 Storage Container:* M	☒ gallons ☐ pounds ☐ cu. feet ☐ tons	☒ ambient ☐ > amb. ☐ < amb.	☒ ambient ☐ > amb. ☐ < amb. ☐ cryogenic	☒ fire ☐ reactive ☐ pressure release ☐ acute health ☐ chronic health ☐ radioactive
OXY/ COR	11204	NITRIC ACID CAS No.:	Nitric Acid	70%	☐	7697-37-2	☐ pure ☒ mixture ☐ solid ☒ liquid ☐ gas	4 Curies: (If radioactive)	2 Days On Site: 365	1 Storage Container:* M	☒ gallons ☐ pounds ☐ cu. feet ☐ tons	☒ ambient ☐ > amb. ☐ < amb.	☒ ambient ☐ > amb. ☐ < amb. ☐ cryogenic	☐ fire ☒ reactive ☐ pressure release ☐ acute health ☐ chronic health ☐ radioact
COR	11204	SULFURIC ACID CAS No.: 7664-93-9	Sulfuric Acid	98	☐	7664-93-9	☒ pure ☐ mixture ☐ solid ☐ liquid ☐ gas	2 Curies: (If radioactive)	1 Days On Site: 365	1 Storage Container:* M	☒ gallons ☐ pounds ☐ cu. feet ☐ tons	☒ ambient ☐ > amb. ☐ < amb.	☒ ambient ☐ > amb. ☐ < amb. ☐ cryogenic	☐ fire ☐ reactive ☐ pressure release ☒ acute health ☐ chronic health ☐ radioactive
——	11204	LIQUID NITROGEN CAS No.: 7727-37-9	Liquid Nitrogen	99	☐	7727-37-9	☒ pure ☐ mixture ☐ solid ☒ liquid ☐ gas	124 Curies: (If radioactive)	124 Days On Site: 365	62 Storage Container:* L	☒ gallons ☐ pounds ☐ cu. feet ☐ tons	☐ ambient ☒ > amb. ☐ < amb.	☐ ambient ☐ > amb. ☐ < amb. ☒ cryogenic	☐ fire ☐ reactive ☐ pressure release ☒ acute health ☐ chronic health ☐ radioactive

* Storage Type Codes

Code	Storage Type	Code	Storage Type	Code	Storage Type	Code	Storage Type	Code	Storage Type	Code	Storage Type
A	Aboveground Tank	D	Steel Drum	G	Carboy	J	Bag	M	Glass Bottle or Jug	P	Tank Wagon
B	Belowground Tank	E	Plastic/Non-metallic Drum	H	Silo	K	Box	N	Plastic Bottle or Jug	Q	Rail Car
C	Tank Inside Building	F	Can	I	Fiber Drum	L	Cylinder	O	Tote Bin	R	Other

If EPCRA, sign below: _____

Date: 10/18/2002

Non-Waste Hazardous Materials Inventory Statement

For use by Unidocs Member Agencies or where approved by your Local Jurisdiction

Business Name: Maxtor Corporation (Same as Facility Name or DBA)

Type of Report on This Page: ☐ Add; ☐ Delete; ☒ Revise

Page 4 of 18 (One page per building or area)

Chemical Location: Building 1, HDB Lab (Building/Storage Area)

EPCRA Confidential Location? ☐ Yes; ☒ No

Trade Secret Information? ☐ Yes; ☒ No

Facility ID # (Agency Use Only)

1. Haz. Class	2. Map and Grid or Location Code	3. Common Name	4. Hazardous Components (For mixtures only) Chemical Name	% Wt.	EHS	CAS No.	5. Type and Physical State	6. Quantities Max. Daily	Average Daily	Largest Cont.	7. Units	8. Storage Codes Storage Pressure	Storage Temp.	9. Hazard Categories
FL	11204B	ACETONITRILE	Acetonitrile	99	☐	75-05-8	☒ pure ☐ mixture	4	4	1	☒ gallons ☐ pounds ☐ cu. feet ☐ tons	☒ ambient ☐ > amb. ☐ < amb.	☒ ambient ☐ > amb. ☐ < amb. ☐ cryogenic	☒ fire ☐ reactive ☐ pressure ☐ acute hea ☐ chronic health ☐ radioactive
		CAS No.: 75-05-8 ☐ EHS					☐ solid ☒ liquid ☐ gas	Curies: (If radioactive)	Days On Site: 365	Storage Container:* N				
FL	11204B	HEXANE	Hexane	90	☐	110-54-3	☒ pure ☐ mixture	4	4	1	☒ gallons ☐ pounds ☐ cu. feet ☐ tons	☒ ambient ☐ > amb. ☐ < amb.	☒ ambient ☐ > amb. ☐ < amb. ☐ cryogenic	☒ fire ☐ reactive ☐ pressure release ☐ acute health ☐ chronic health ☐ radioactive
		CAS No.: 110-54-3 ☐ EHS					☐ solid ☒ liquid ☐ gas	Curies: (If radioactive)	Days On Site: 365	Storage Container:* M				
FL	11204B	ISOPROPYL ALCOHOL	Isopropyl Alcohol	99	☐	67-63-0	☒ pure ☐ mixture	2	1	1	☒ gallons ☐ pounds ☐ cu. feet ☐ tons	☒ ambient ☐ > amb. ☐ < amb.	☒ ambient ☐ > amb. ☐ < amb. ☐ cryogenic	☒ fire ☐ reactive ☐ pressure release ☐ acute health ☐ chronic health ☐ radioactive
		CAS No.: 67-63-0 ☐ EHS					☐ solid ☒ liquid ☐ gas	Curies: (If radioactive)	Days On Site: 365	Storage Container:* M				
FL	11204B	METHANOL	Methyl Alcohol	99	☐	67-56-1	☒ pure ☐ mixture	2	1	1	☒ gallons ☐ pounds ☐ cu. feet ☐ tons	☒ ambient ☐ > amb. ☐ < amb.	☒ ambient ☐ > amb. ☐ < amb. ☐ cryogenic	☒ fire ☐ reactive ☐ pressure release ☐ acute health ☐ chronic health ☐ radioact
		CAS No.: 67-56-1 ☐ EHS					☐ solid ☒ liquid ☐ gas	Curies: (If radioactive)	Days On Site: 365	Storage Container:* M				
FL	11204B	VERTREL XF	2,3-Dihydroperfluoropentane	99	☐	138495-42-8	☒ pure ☐ mixture	4	2	1	☒ gallons ☐ pounds ☐ cu. feet ☐ tons	☒ ambient ☐ > amb. ☐ < amb.	☒ ambient ☐ > amb. ☐ < amb. ☐ cryogenic	☒ fire ☐ reactive ☐ pressure release ☐ acute health ☐ chronic health ☐ radioactive
		CAS No.: 138495-42-8 ☐ EHS					☐ solid ☐ liquid ☐ gas	Curies: (If radioactive)	Days On Site: 365	Storage Container:* M				
CL	11204B	DECANE	Decane	99	☐	124-18-5	☒ pure ☐ mixture	4	4	1	☒ gallons ☐ pounds ☐ cu. feet ☐ tons	☒ ambient ☐ > amb. ☐ < amb.	☒ ambient ☐ > amb. ☐ < amb. ☐ cryogenic	☒ fire ☐ reactive ☐ pressure release ☐ acute health ☐ chronic health ☐ radioactive
		CAS No.: 124-18-5 ☐ EHS					☐ solid ☒ liquid ☐ gas	Curies: (If radioactive)	Days On Site: 365	Storage Container:* M				

* Storage Container Codes

Code	Storage Type	Code	Storage Type	Code	Storage Type	Code	Storage Type	Code	Storage Type	Code	Storage Type
A	Aboveground Tank	D	Steel Drum	G	Carboy	J	Bag	M	Glass Bottle or Jug	P	Tank Wagon
B	Belowground Tank	E	Plastic/Non-metallic Drum	H	Silo	K	Box	N	Plastic Bottle or Jug	Q	Rail Car
C	Tank Inside Building	F	Can	I	Fiber Drum	L	Cylinder	O	Tote Bin	R	Other

If EPCRA, sign below:

Date: 10/18/2001

Non-Waste Hazardous Materials Inventory Statement

For use by Unidocs Member Agencies or where approved by your Local Jurisdiction

Business Name: Maxtor Corporation (Same as Facility Name or DBA)

Type of Report on This Page: ☐ Add; ☐ Delete; ☒ Revise

Page 5 of 18 (One page per building or area)

Chemical Location: Building 1, FA Lab (Building/Storage Area)

EPCRA Confidential Location? ☐ Yes; ☒ No

Trade Secret Information? ☐ Yes; ☒ No

Facility ID # (Agency Use Only)

1. Haz. Class	2. Map and Grid or Location Code	3. Common Name	4. Hazardous Components (For mixtures only) Chemical Name	% Wt.	EHS	CAS No.	5. Type and Physical State	6. Quantities Max. Daily	Average Daily	Largest Cont.	7. Units	8. Storage Codes Storage Pressure	Storage Temp.	9. Hazard Categories
FL	11904	ACETONE CAS No.: 67-64-1 ☐ EHS		99	☐	67-64-1	☒ pure ☐ mixture ☐ solid ☒ liquid ☐ gas	4 Curies: (If radioactive)	2 Days On Site: 365	1 Storage Container:* M	☒ gallons ☐ pounds ☐ cu. feet ☐ tons	☒ ambient ☐ > amb. ☐ < amb.	☒ ambient ☐ > amb. ☐ < amb. ☐ cryogenic	☒ fire ☐ reactive ☐ pressur(☐ acute hea. ☐ chronic health ☐ radioactive
FL	11904	CYCLOHEXANE CAS No.: 110-82-7 ☐ EHS		100	☐	110-82-7	☒ pure ☐ mixture ☐ solid ☒ liquid ☐ gas	3 Curies: (If radioactive)	2 Days On Site: 365	1 Storage Container:* N	☒ gallons ☐ pounds ☐ cu. feet ☐ tons	☒ ambient ☐ > amb. ☐ < amb.	☒ ambient ☐ > amb. ☐ < amb. ☐ cryogenic	☒ fire ☐ reactive ☐ pressure release ☐ acute health ☐ chronic health ☐ radioactive
FL	11904	CYCLOHEXENE CAS No.: 110-83-8 ☐ EHS		100	☐	110-83-8	☒ pure ☐ mixture ☐ solid ☒ liquid ☐ gas	2 Curies: (If radioactive)	1 Days On Site: 365	1 Storage Container:* M	☒ gallons ☐ pounds ☐ cu. feet ☐ tons	☒ ambient ☐ > amb. ☐ < amb.	☒ ambient ☐ > amb. ☐ < amb. ☐ cryogenic	☒ fire ☐ reactive ☐ pressure release ☐ acute health ☐ chronic health ☐ radioactive
FL	11904	HEXANE CAS No.: 110-54-3 ☐ EHS		90	☐	110-54-3	☐ pure ☒ mixture ☐ solid ☒ liquid ☐ gas	5 Curies: (If radioactive)	2 Days On Site: 365	1 Storage Container:* M	☒ gallons ☐ pounds ☐ cu. feet ☐ tons	☒ ambient ☐ > amb. ☐ < amb.	☒ ambient ☐ > amb. ☐ < amb. ☐ cryogenic	☒ fire ☐ reactive ☐ pressure release ☐ acute health ☐ chronic health ☐ radioa(
FL	11904	ISOPROPYL ALCOHOL CAS No.: 67-63-0 ☐ EHS		99	☐	67-63-0	☒ pure ☐ mixture ☐ solid ☐ liquid ☐ gas	5 Curies: (If radioactive)	2 Days On Site: 365	1 Storage Container:* M	☒ gallons ☐ pounds ☐ cu. feet ☐ tons	☒ ambient ☐ > amb. ☐ < amb.	☒ ambient ☐ > amb. ☐ < amb. ☐ cryogenic	☒ fire ☐ reactive ☐ pressure release ☐ acute health ☐ chronic health ☐ radioactive
FL	11904	METHANOL CAS No.: 67-56-1 ☐ EHS		99	☐	67-56-1	☒ pure ☐ mixture ☐ solid ☒ liquid ☐ gas	3 Curies: (If radioactive)	2 Days On Site: 365	1 Storage Container:* L	☒ gallons ☐ pounds ☐ cu. feet ☐ tons	☒ ambient ☐ > amb. ☐ < amb.	☒ ambient ☐ > amb. ☐ < amb. ☐ cryogenic	☒ fire ☐ reactive ☐ pressure release ☐ acute health ☐ chronic health ☐ radioactive

* Storage Type Codes

Code	Storage Type	Code	Storage Type	Code	Storage Type	Code	Storage Type	Code	Storage Type	Code	Storage Type
A	Aboveground Tank	D	Steel Drum	G	Carboy	J	Bag	M	Glass Bottle or Jug	P	Tank Wagon
B	Belowground Tank	E	Plastic/Non-metallic Drum	H	Silo	K	Box	N	Plastic Bottle or Jug	Q	Rail Car
C	Tank Inside Building	F	Can	I	Fiber Drum	L	Cylinder	O	Tote Bin	R	Other

If EPCRA, sign below: _____

Date: 10/18/2002

Non-Waste Hazardous Materials Inventory Statement

For use by Unidocs Member Agencies or where approved by your Local Jurisdiction

Business Name: Maxtor Corporation (Same as Facility Name or DBA)

Type of Report on This Page: ☐ Add; ☐ Delete; ☒ Revise

Page 6 of 18 (One page per building or area)

Chemical Location: Building 1, FA Lab (Building/Storage Area)

EPCRA Confidential Location? ☐ Yes; ☒ No
Trade Secret Information? ☐ Yes; ☒ No

Facility ID # (Agency Use Only)

1. Haz. Class	2. Map and Grid or Location Code	3. Common Name	4. Hazardous Components (For mixtures only) Chemical Name	% Wt.	EHS	CAS No.	5. Type and Physical State	6. Quantities Max. Daily	Average Daily	Largest Cont.	7. Units	8. Storage Codes Storage Pressure	Storage Temp.	9. Hazard Categories
FL	11904	VERTREL XF	2,3-Dihydroperfluoropentane	99	☐	138495-42-8	☒ pure ☐ mixture	4	2	1	☒ gallons ☐ pounds ☐ cu. feet ☐ tons	☒ ambient ☐ > amb. ☐ < amb.	☒ ambient ☐ > amb. ☐ < amb. ☐ cryogenic	☒ fire ☐ reactive ☐ pressure ☐ acute hea ☐ chronic health ☐ radioactive
		CAS No.: ☐ EHS 138495-42-8					☐ solid ☒ liquid ☐ gas	Curies: (If radioactive)	Days On Site: 365	Storage Container:* M				
----	11904	AK-225	3,3-Dichloro-1,1,1,2,2-pentafluoropropane	45	☐	422-56-0	☐ pure ☒ mixture	3	2	1	☒ gallons ☐ pounds ☐ cu. feet ☐ tons	☒ ambient ☐ > amb. ☐ < amb.	☒ ambient ☐ > amb. ☐ < amb. ☐ cryogenic	☐ fire ☐ reactive ☐ pressure release ☒ acute health ☐ chronic health ☐ radioactive
		CAS No.: ☐ EHS	1,3-Dichloro-1,1,2,2,3-pentafluoropropane	55	☐	507-55-1	☐ solid ☒ liquid ☐ gas	Curies: (If radioactive)	Days On Site: 365	Storage Container:* M				
---	11904	1,1,2-TRICHLORO-1,2,2-TRIFLUORO-ETHANE		100	☐	76-13-1	☒ pure ☐ mixture	2	1	1	☒ gallons ☐ pounds ☐ cu. feet ☐ tons	☒ ambient ☐ > amb. ☐ < amb.	☒ ambient ☐ > amb. ☐ < amb. ☐ cryogenic	☐ fire ☐ reactive ☐ pressure release ☒ acute health ☐ chronic health ☐ radioactive
		CAS No.: ☐ EHS 76-13-1					☐ solid ☒ liquid ☐ gas	Curies: (If radioactive)	Days On Site: 365	Storage Container:* M				
POISON	11904	METHYLENE CHLORIDE		100	☐	75-09-2	☒ pure ☐ mixture	2	1	1	☒ gallons ☐ pounds ☐ cu. feet ☐ tons	☒ ambient ☐ > amb. ☐ < amb.	☒ ambient ☐ > amb. ☐ < amb. ☐ cryogenic	☐ fire ☐ reactive ☐ pressure release ☒ acute health ☐ chronic health ☐ radioac
		CAS No.: ☐ EHS 75-09-2					☐ solid ☒ liquid ☐ gas	Curies: (If radioactive)	Days On Site: 365	Storage Container:* M				
NFG	11904	HELIUM		100	☐	7440-59-7	☒ pure ☐ mixture	1746	1746	291	☐ gallons ☐ pounds ☒ cu. feet ☐ tons	☒ ambient ☐ > amb. ☐ < amb.	☒ ambient ☐ > amb. ☐ < amb. ☐ cryogenic	☐ fire ☐ reactive ☒ pressure release ☐ acute health ☐ chronic health ☐ radioactive
		CAS No.: ☐ EHS 7440-59-7					☐ solid ☐ liquid ☐ gas	Curies: (If radioactive)	Days On Site: 365	Storage Container:* L				
—	11204	LIQUID NITROGEN	Liquid Nitrogen	99	☐	7727-37-9	☒ pure ☐ mixture	124	124	62	☒ gallons ☐ pounds ☐ cu. feet ☐ tons	☐ ambient ☒ > amb. ☐ < amb.	☐ ambient ☐ > amb. ☐ < amb. ☒ cryogenic	☐ fire ☐ reactive ☐ pressure release ☒ acute health ☐ chronic health ☐ radioactive
		CAS No.: ☐ EHS 7727-37-9					☐ solid ☒ liquid ☐ gas	Curies: (If radioactive)	Days On Site: 365	Storage Container:* L				

* Code — Storage Type

Code	Storage Type	Code	Storage Type	Code	Storage Type	Code	Storage Type	Code	Storage Type	Code	Storage Type
A	Aboveground Tank	D	Steel Drum	G	Carboy	J	Bag	M	Glass Bottle or Jug	P	Tank Wagon
B	Belowground Tank	E	Plastic/Non-metallic Drum	H	Silo	K	Box	N	Plastic Bottle or Jug	Q	Rail Car
C	Tank Inside Building	F	Can	I	Fiber Drum	L	Cylinder	O	Tote Bin	R	Other

If EPCRA, sign below:

Date: 10/18/2002

Non-Waste Hazardous Materials Inventory Statement

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Business Name: Maxtor Corporation (Same as Facility Name or DBA)

Type of Report on This Page: ☐ Add; ☐ Delete; ☒ Revise

Page 7 of 18 (One page per building or area)

Chemical Location: Building 1, CCE Lab (Building/Storage Area)

EPCRA Confidential Location? ☐ Yes; ☒ No

Trade Secret Information? ☐ Yes; ☒ No

Facility ID # (Agency Use Only)

1. Haz. Class	2. Map and Grid or Location Code	3. Common Name	4. Hazardous Components (For mixtures only) Chemical Name	% Wt.	EHS	CAS No.	5. Type and Physical State	6. Quantities Max. Daily	Average Daily	Largest Cont.	7. Units	8. Storage Codes Storage Pressure	Storage Temp.	9. Hazard Categories
FL	11916	ISOPROPYL ALCOHOL CAS No.: 67-63-0 ☐ EHS		99	☐	67-63-0	☒ pure ☐ mixture ☐ solid ☒ liquid ☐ gas	5 Curies: (If radioactive)	2 Days On Site: 365	1 Storage Container:* M	☒ gallons ☐ pounds ☐ cu. feet ☐ tons	☒ ambient ☐ > amb. ☐ < amb.	☒ ambient ☐ > amb. ☐ < amb. ☐ cryogenic	☒ fire ☐ reactive ☐ pressure ☐ acute hea ☐ chronic health ☐ radioactive
FL	11916	METHYL ALCOHOL CAS No.: 67-56-1 ☐ EHS		99	☐	67-56-1	☒ pure ☐ mixture ☐ solid ☒ liquid ☐ gas	4 Curies: (If radioactive)	2 Days On Site: 365	1 Storage Container:* M	☒ gallons ☐ pounds ☐ cu. feet ☐ tons	☒ ambient ☐ > amb. ☐ < amb.	☒ ambient ☐ > amb. ☐ < amb. ☐ cryogenic	☒ fire ☐ reactive ☐ pressure release ☐ acute health ☐ chronic health ☐ radioactive
POIS ON	11916	DICHLOROMETHANE CAS No.: 75-09-2 ☐ EHS	Methylene Chloride	100	☐	75-09-2	☒ pure ☐ mixture ☐ solid ☒ liquid ☐ gas	3 Curies: (If radioactive)	2 Days On Site: 365	1 Storage Container:* M	☒ gallons ☐ pounds ☐ cu. feet ☐ tons	☒ ambient ☐ > amb. ☐ < amb.	☒ ambient ☐ > amb. ☐ < amb. ☐ cryogenic	☐ fire ☐ reactive ☐ pressure release ☒ acute health ☐ chronic health ☐ radioactive
—	11916	AK-225 CAS No.: ☐ EHS	3,3-Dichloro-1,1,1,2,2-pentafluoropropane 1,3-Dichloro-1,1,2,2,3-pentafluoropropane	45 55	☐ ☐	422-56-0 507-55-1	☐ pure ☒ mixture ☐ solid ☒ liquid ☐ gas	4 Curies: (If radioactive)	2 Days On Site: 365	1 Storage Container:* M	☒ gallons ☐ pounds ☐ cu. feet ☐ tons	☒ ambient ☐ > amb. ☐ < amb.	☒ ambient ☐ > amb. ☐ < amb. ☐ cryogenic	☐ fire ☐ reactive ☐ pressure release ☒ acute health ☐ chronic health ☐ radioac
—	11916	1,1,2-TRICHLORO-1,2,2-TRIFLUORO-ETHANE CAS No.: 76-13-1 ☐ EHS		100	☐	76-13-1	☒ pure ☐ mixture ☐ solid ☒ liquid ☐ gas	5 Curies: (If radioactive)	2 Days On Site: 365	1 Storage Container:* M	☒ gallons ☐ pounds ☐ cu. feet ☐ tons	☒ ambient ☐ > amb. ☐ < amb.	☒ ambient ☐ > amb. ☐ < amb. ☐ cryogenic	☐ fire ☐ reactive ☐ pressure release ☒ acute health ☐ chronic health ☐ radioactive
		CAS No.: ☐ EHS			☐		☐ pure ☐ mixture ☐ solid ☐ liquid ☐ gas	Curies: (If radioactive)	Days On Site:	Storage Container:*	☐ gallons ☐ pounds ☐ cu. feet ☐ tons	☐ ambient ☐ > amb. ☐ < amb.	☐ ambient ☐ > amb. ☐ < amb. ☐ cryogenic	☐ fire ☐ reactive ☐ pressure release ☐ acute health ☐ chronic health ☐ radioactive

* Storage Codes

Code	Storage Type	Code	Storage Type	Code	Storage Type	Code	Storage Type	Code	Storage Type	Code	Storage Type
A	Aboveground Tank	D	Steel Drum	G	Carboy	J	Bag	M	Glass Bottle or Jug	P	Tank Wagon
B	Belowground Tank	E	Plastic/Non-metallic Drum	H	Silo	K	Box	N	Plastic Bottle or Jug	Q	Rail Car
C	Tank Inside Building	F	Can	I	Fiber Drum	L	Cylinder	O	Tote Bin	R	Other

If EPCRA, sign below:

Aboveground Separation, Containment, and Monitoring Plan

(Appendix to Hazardous Materials Business Plan and Registration Form)

Complete one column for each aboveground storage area shown on the Hazardous Materials Business Plan Storage Map(s). Write the appropriate location code in the box provided at the top of each column, then moving down the column, check all boxes which apply to that location. Make additional copies of this page if needed.

Location	HDB Lab	FA Lab	CCE Lab	Chem Shed	
Storage Type	☒ Inside building ☐ Outside storage shed ☐ Outdoors	☒ Inside building ☐ Outside storage shed ☐ Outdoors	☒ Inside building ☐ Outside storage shed ☐ Outdoors	☐ Inside building ☐ Outside storage shed ☒ Outdoors	☐ Inside building ☐ Outside storage shed ☐ Outdoors
Primary Containment	☒ Original containers ☐ Safety cans ☐ Inside machinery ☐ Drums/barrels ☐ Pressure vessels ☐ Bulk tanks ☐ Aboveground piping ☐ Other	☒ Original containers ☐ Safety cans ☐ Inside machinery ☐ Drums/barrels ☐ Pressure vessels ☐ Bulk tanks ☐ Aboveground piping ☐ Other	☒ Original containers ☐ Safety cans ☐ Inside machinery ☐ Drums/barrels ☐ Pressure vessels ☐ Bulk tanks ☐ Aboveground piping ☐ Other	☒ Original containers ☐ Safety cans ☐ Inside machinery ☐ Drums/barrels ☐ Pressure vessels ☐ Bulk tanks ☐ Aboveground piping ☐ Other	☐ Original containers ☐ Safety cans ☐ Inside machinery ☐ Drums/barrels ☐ Pressure vessels ☐ Bulk tanks ☐ Aboveground piping ☐ Other
Secondary Containment	☒ Approved cabinets ☐ Secondary drum ☐ Tray ☐ Bermed & coated floor ☐ Tank vault ☐ Secondary piping or piping trench ☐ Other	☒ Approved cabinets ☐ Secondary drum ☐ Tray ☐ Bermed & coated floor ☐ Tank vault ☐ Secondary piping or piping trench ☐ Other	☒ Approved cabinets ☐ Secondary drum ☐ Tray ☐ Bermed & coated floor ☐ Tank vault ☐ Secondary piping or piping trench ☐ Other	☒ Approved cabinets ☐ Secondary drum ☐ Tray ☒ Bermed & coated floor ☐ Tank vault ☐ Secondary piping or piping trench ☐ Other	☐ Approved cabinets ☐ Secondary drum ☐ Tray ☐ Bermed & coated floor ☐ Tank vault ☐ Secondary piping or piping trench ☐ Other
Separation	☒ All materials compatible ☐ One-hour separation wall/partition ☐ Separation by at least 20 feet ☐ Approved cabinets ☐ Other	☒ All materials compatible ☐ One-hour separation wall/partition ☐ Separation by at least 20 feet ☐ Approved cabinets ☐ Other	☒ All materials compatible ☐ One-hour separation wall/partition ☐ Separation by at least 20 feet ☐ Approved cabinets ☐ Other	☒ All materials compatible ☐ One-hour separation wall/partition ☐ Separation by at least 20 feet ☐ Approved cabinets ☐ Other	☐ All materials compatible ☐ One-hour separation wall/partition ☐ Separation by at least 20 feet ☐ Approved cabinets ☐ Other
Monitoring Type	☒ Visual ☐ Automatic sensors ☐ Other	☒ Visual ☐ Automatic sensors ☐ Other	☒ Visual ☐ Automatic sensors ☐ Other	☒ Visual ☐ Automatic sensors ☐ Other	☐ Visual ☐ Automatic sensors ☐ Other
Monitoring Frequency	☐ Daily ☒ Weekly ☐ Monthly ☐ Continuous ☐ Other	☐ Daily ☒ Weekly ☐ Monthly ☐ Continuous ☐ Other	☐ Daily ☒ Weekly ☐ Monthly ☐ Continuous ☐ Other	☐ Daily ☐ Weekly ☒ Monthly ☐ Continuous ☐ Other	☐ Daily ☐ Weekly ☐ Monthly ☐ Continuous ☐ Other

In the space provided below, describe the location, type, manufacturer's specifications (if applicable) and suitability of any monitoring methods used other than visual monitoring. Attach additional pages if needed:

MILPITAS FIRE DEPARTMENT
HAZARDOUS MATERIALS & ENVIRONMENTAL SERVICES UNIT
HAZARDOUS MATERIALS INSPECTION REPORT
CALIFORNIA FIRE CODE, 2001
MILPITAS MUNICIPAL CODE, TITLE V, CHAPTER 300

Fire Department Numl
90-0407

Inspection Date 12/20/05

MAXTOR CORPORATION
00500 Mc Carthy Blvd
Milpitas, Ca 95035

George Horvath (408) 952 - 3744 ext.
Contact Phone Number

Permitted Activities:

HM	AA	UT									

MRI	KX	EL	FA	HS	HD	OS	SS
		EL	FA	HA	HD	OS	SS

The Milpitas Fire Department conducted a Hazardous Materials inspection at the above address. This notice identifies code violations and the minimum requirements necessary to comply. Items marked with an "X" below will require your attention to come into compliance. Additional information may be written on this notice by the Inspector to provide you with direction for compliance.

Date Abated

☐ 1. Storage cabinets for flammable or combustible liquids shall have well fitted, self closing doors with a latching device; labeled "FLAMMABLE-KEEP FIRE AWAY"; bottom 2 inches liquid tight. [CFC 7902.5.9.3]

☐ 2. All flammable and combustible liquids in excess of maintenance and work station amounts (10 gallons) shall be located in an approved storage cabinet. Volumes stored shall not exceed those permitted by the Fire Code. [CFC 7902.5.8]

☐ 3. Empty tanks and containers previously used for flammable and combustible liquids unless free from explosive vapors, shall be stored as full with cover or plugs in place. [CFC 7902.5.3]

☐ 4. Storage of class I, II, or IIIA liquids shall not be near exit doorways, stairways or a location which may impede egress. [CFC 7902.5.5]

☐ 5. Dispensing of class I liquids is only allowed from approved safety cans or original containers. [CFC 7903.1.3.5]

☐ 6. Class IA flammable liquids shall not be dispensed by gravity from tanks. [CFC 7903.1.3.5]

☐ 7. When a flammable mixture is transferred from one container to another one shall be grounded. Piping systems shall be permanently grounded. [CFC 7903.2.1.3]

☐ 8. Storage cabinets for hazardous materials liquids shall have well fitted, self closing doors equipped with a self latching device; bottom 2 inches liquid tight and labeled "HAZARDOUS-KEEP FIRE AWAY". [CFC 8001.10.6.2]

☐ 9. Secondary containment is required for areas where hazardous materials are stored. [CFC 8001.11.11 as amended by MMC V-300-2.81]

☐ 10. Individual storage areas shall have dedicated drainage to prevent mixing of incompatible materials. [CFC 8003.1.3.3]

☐ 11. Containers previously containing a regulated material shall not be used to store a different material unless container is cleaned in an approved manner and properly labeled for new contents. [CFC 8001.4.6]

☐ 12. All containers in storage shall be arranged in an approved manner, non-compatibles separated (flammables, corrosives, oxidizers, etc.). [CFC 8001.11.8]

☐ 13. Signs prohibiting smoking shall be provided in storage areas and within 25 feet of outdoor storage areas. [CFC 8001.8; 8003.1.2]

☐ 14. Gas cylinders shall be properly identified, located, and secured. [CFC 7401.5.1; 7401.6.4]

☐ 15. Empty containers and tanks previously used for the storage of hazardous materials shall be free from residual materials and vapor as defined by DOT, RCRA or other regulating authority or maintained as specified for the storage of hazardous materials. [CFC 8001.4.6]

☐ 16. Open flames & high-temperature devices shall not be used in a manner which creates a hazardous condition. [CFC 8001.9]

Fire Department Number 90-0407

☐ 17. Material Safety Data Sheets (MSDS) shall be available at the facility for all materials present. [CFC 8001.6] _____

☐ 18. All regulated material waste shall be disposed of in an approved manner. Hazardous materials shall not be released into the sewer, storm drain, ditch, drainage canal, lake, river, or tidal waterway, or upon the ground, sidewalk, street, highway or into the atmosphere. [CFC 8001.5.1] _____

☐ 19. Individual containers, cartons, packages shall be conspicuously marked or labeled in accordance with nationally recognized standards. [CFC 8001.8] _____

☐ 20. Entrances to areas where hazardous materials are stored, and stationary above ground tanks shall be placarded with NFPA 704 Hazard Signal System for the material(s) contained. [CFC 8001.7 , 8003.1.2] _____

☐ 21. All above ground piping shall be properly secured and labeled identifying product and direction of flow every 20 feet. [CFC 8001.4.3.2 as amended by MMC-V-300-2.52] _____

☐ 22. Process equipment shall be maintained as designed to prevent accidental discharge of hazardous materials. [CFC 8001.4.7.1] _____

☐ 23. A (revised) Hazardous Materials Business Plan shall be submitted within 10 days.[CFC 8001.3.2] _____

☐ 24. A monitoring method capable of detecting hazardous material leakage from the primary containment into the secondary containment shall be provided. [CFC 8001.11.10 as amended by MMC-V-300-2.80] _____

☐ 25. Routine inspections of all hazardous materials storage areas and spills of hazardous materials shall be recorded, on a weekly basis, on a monitoring log. [CFC 8001.11.10] _____

☐ 26. All processes new to the facility shall have Fire Department approval prior to installation and use. [CFC 8001.3.1] _____

☐ 27. A permit is required to install, repair, abandon, remove, place temporarily out of service, close or substantially modify a storage facility. [CFC 8001.3.1] _____

ADDITIONAL VIOLATIONS:

☐ See supplemental sheet for additional violations.

ORDERS:

1. Clear area in front of exit in lab 2-17-06
2. _____

COMMENTS:

REFERRALS:

Your facility will be referred to the following agency(s) for items noted during this inspection which are beyond the scope of this inspection:

☒ **No Hazardous Material violations were observed during the initial inspection.**

For your information: If your business handles hazardous waste, Santa Clara County Hazardous Materials Compliance Division may perform an inspection of your business. For more information, contact 918-3400.

If necessary, a 1st and 2nd re-inspection shall be conducted on or about 30 days from the initial inspection and 15 days from the 1st re-inspection respectively to determine if violation(s) noted above have been corrected and/or orders have been complied with.

Failure to comply with orders and correct violations may render you liable to the penalties as set forth by law, including, but not limited to, administrative, civil and/or criminal citations.

The Fire Department prefers compliance be obtained through the willingness of an individual to comply, and as always, remains ready to assist in this process. If you have any questions or wish to discuss this matter, please contact this office at (408) 586-3365.

Received By: _____ Inspector: Claveau

Milpitas Fire Department, Bureau of Fire Prevention, 455 E. Calaveras Blvd., Milpitas, CA 95035
Phone (408) 586-3365 FAX (408) 586-3378

Distribution: WHITE - Fire Department Address File
YELLOW - Business Responsible

Unidocs
The Uniform Documents Project

Hazardous Materials Online Inventory Project

Business Owner/Operator Report

After viewing the facility information below, click "Back to Site Menu" to view more reports.

I. IDENTIFICATION

FACILITY ID#: **43-011-~~TMP038~~ 000325**

BEGINNING DATE (MM/DD/YYYY):

ENDING DATE (MM/DD/YYYY):

BUSINESS NAME (Same as FACILITY NAME or DBA - Doing Business As): **Cisco Systems Building 20**

BUSINESS PHONE (###) ###-####: 408-526-4000

BUSINESS SITE ADDRESS: **725 Alder Drive**

CITY: **Milpitas**

STATE: **CA**

ZIP CODE: 95035

DUN & BRADSTREET:

SIC CODE (4 digit #):

COUNTY: Santa Clara

BUSINESS OPERATOR NAME: Cisco Sysyems

BUSINESS OPERATOR PHONE: (###) ###-####: 408-526-4000

II. BUSINESS OWNER

OWNER NAME: Cisco Systems

OWNER PHONE: (###) ###-####: 408-526-4000

OWNER MAILING ADDRESS: 170 West Tasman Drive M/S SJ-2-1

CITY: San Jose

STATE: CA

ZIP CODE: 95134

III. ENVIRONMENTAL CONTACT

CONTACT NAME: JustinGiampaoli

CONTACT PHONE: (###) ###-####: 858-526-1133

CONTACT MAILING ADDRESS: 70 West Tasman Drive M/S SJ-2-1

CITY: San Jose

STATE: CA

ZIP CODE: 95134

IV. EMERGENCY CONTACTS

-PRIMARY-

NAME: Justin Giampaoli

TITLE: Americas EHS Program Manager

-SECONDARY-

NAME: Teresa Larson

TITLE: Global EHS Program Manager

Non-Waste Hazardous Materials Inventory Statement

For use by Unidocs Member Agencies or where approved by your Local Jurisdiction

BUSINESS NAME: Cisco Systems Building 20 | **DATE:** 11/17/2005 | **PAGE:** 1 of 3

LOCATION: Exterior | **EPCRA CONFIDENTIAL:** NO | **TRADE SECRET:** NO | **FACILITY ID#:** 43-011-TMP038-SUBMITTED-17-NOVEMBER-05

1. Hazard Class	2. Grid Code	3. Common Name	4. Hazardous Components	5. Phys. State	6. Quantities	7. Units	8. Storage Codes	9. Haz. Categories
3	**Map:** NONE **Grid:** NONE	DIESEL FUEL NO. 2 **CAS#:** 68334-30-5 **EHS:** NO	COMPONENT NAME / EHS / % / CAS# *NAPHTHALENE / N / 1 / 91-20-3 DIESEL / N / 99 / 68334-30-5	LIQUID (MIXTURE)	**MAX:** 660 **LARGEST:** 660 **AVG:** 660 **CURIES:** 0 **DAYS:** 365 **CONTAINERS:** A	GAL	**Pressure** AMBIENT **Temp** AMBIENT	FIRE ACUTE HEALTH

STORAGE CONTAINER CODES

A = Aboveground Tank, B = Belowground Tank, C = Tank Inside Building, D = Steel Drum, E = Plastic/Nonmetallic Drum, F = Can, G = Carboy, H = Silo, I = Fiber Drum, J = Bag, K = Box, L = Cylinder, M = Glass Bottle or Jug, N = Plastic Bottle or Jug, O = Tote Bin, P = Tank Wagon, Q = Rail Car, R = Other

OTHER ABBREVIATIONS

MAX = Max. Amount Daily, AVG = Avg. Amount Daily, DAYS = Days On Site, LARGEST = Largest Container, CURIES = Curies (in mCi), CONTAINERS = Storage Containers

If EPCRA, Please Sign Here: _____

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Non-Waste Hazardous Materials Inventory Statement

For use by Unidocs Member Agencies or where approved by your Local Jurisdiction

BUSINESS NAME: Cisco Systems Building 20 | **DATE:** 11/17/2005 | **PAGE:** 2 of 3

LOCATION: Roof | **EPCRA CONFIDENTIAL:** NO | **TRADE SECRET:** NO | **FACILITY ID#:** 43-011-TMP038-SUBMITTED-17-NOVEMBER-05

1. Hazard Class	2. Grid Code	3. Common Name	4. Hazardous Components	5. Phys. State	6. Quantities	7. Units	8. Storage Codes	9. Haz. Categories
6.1	**Map:** NONE **Grid:** NONE	AA-315 **CAS#:** 111-30-8 **EHS:** NO	AA-315 (N, 100, 111-30-8)	LIQUID (PURE)	**MAX:** 30 **LARGEST:** 30 **AVG:** 30 **CURIES:** 0 **DAYS:** 365 **CONTAINERS:** E	GAL	**Pressure** AMBIENT **Temp** AMBIENT	ACUTE HEALTH CHRONIC HEALTH
6.1	**Map:** NONE **Grid:** NONE	AA-4015 **CAS#:** 10031-43-3 **EHS:** NO	5-CHLORO-2-METHYL-4-ISOTH-IAZOLIN-3-ONE (N, 2, 26172-55-4); COPPER NITRATE TRIHYDRATE (N, 0.15, 10031-43-3); *MAGNESIUM CHLORIDE (N, 2.2, 7786-30-3); MAGNESIUM NITRATE (N, 2, 13446-18-9)	LIQUID (MIXTURE)	**MAX:** 30 **LARGEST:** 30 **AVG:** 30 **CURIES:** 0 **DAYS:** 365 **CONTAINERS:** E	GAL	**Pressure** AMBIENT **Temp** AMBIENT	ACUTE HEALTH CHRONIC HEALTH
5.1	**Map:** NONE **Grid:** NONE	B-261 **CAS#:** 7632-00-0 **EHS:** NO	B-261 (N, 100, 7632-00-0)	LIQUID (PURE)	**MAX:** 30 **LARGEST:** 30 **AVG:** 30 **CURIES:** 0 **DAYS:** 365 **CONTAINERS:** E	GAL	**Pressure** AMBIENT **Temp** AMBIENT	ACUTE HEALTH
8	**Map:** NONE **Grid:** NONE	BROMEX 11 **CAS#:** 1310-73-2 **EHS:** NO	BROMEX 11 (N, 100, 1310-73-2)	LIQUID (PURE)	**MAX:** 30 **LARGEST:** 30 **AVG:** 30 **CURIES:** 0 **DAYS:** 365 **CONTAINERS:** E	GAL	**Pressure** AMBIENT **Temp** AMBIENT	ACUTE HEALTH CHRONIC HEALTH
0	**Map:** NONE **Grid:** NONE	C-366 **CAS#:** NONE **EHS:** NO	C-366 (N, 100,)	LIQUID (MIXTURE)	**MAX:** 30 **LARGEST:** 30 **AVG:** 30 **CURIES:** 0 **DAYS:** 365 **CONTAINERS:** E	GAL	**Pressure** AMBIENT **Temp** AMBIENT	ACUTE HEALTH
8	**Map:** NONE **Grid:** NONE	C-480 **CAS#:** 7664-93-9 **EHS:** NO	ZINC CHLORIDE (N, 5, 7646-85-7); SULFURIC ACID 50-91% (Y, 4, 7664-93-9)	LIQUID (MIXTURE)	**MAX:** 30 **LARGEST:** 30 **AVG:** 30 **CURIES:** 0 **DAYS:** 365 **CONTAINERS:** E	GAL	**Pressure** AMBIENT **Temp** AMBIENT	ACUTE HEALTH CHRONIC HEALTH

STORAGE CONTAINER CODES

A = Aboveground Tank, B = Belowground Tank, C = Tank Inside Building, D = Steel Drum, E = Plastic/Nonmetallic Drum, F = Can, G = Carboy, H = Silo, I = Fiber Drum, J = Bag, K = Box, L = Cylinder, M = Glass Bottle or Jug, N = Plastic Bottle or Jug, O = Tote Bin, P = Tank Wagon, Q = Rail Car, R = Other

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Non-Waste Hazardous Materials Inventory Statement

For use by Unidocs Member Agencies or where approved by your Local Jurisdiction

BUSINESS NAME: Cisco Systems Building 20 | **DATE:** 11/17/2005 | **PAGE:** 3 of 3

LOCATION: Roof | **EPCRA CONFIDENTIAL:** NO | **TRADE SECRET:** NO | **FACILITY ID#:** 43-011-TMP038-SUBMITTED-17-NOVEMBER-05

1. Hazard Class	2. Grid Code	3. Common Name	4. Hazardous Components	5. Phys. State	6. Quantities	7. Units	8. Storage Codes	9. Haz. Categories
8	**Map:** NONE **Grid:** NONE	HS-4230 **CAS#:** 64665-57-2 **EHS:** NO	COMPONENT NAME / EHS / % / CAS#: SODIUM HYDROXIDE 50% / N / 10 / 1310-73-2; SODIUM TOLYLTRIAZOLE / N / 2 / 64665-57-2	LIQUID (MIXTURE)	**MAX:** 50 **LARGEST:** 50 **AVG:** 50 **CURIES:** 0 **DAYS:** 365 **CONTAINERS:** E	GAL	**Pressure** AMBIENT **Temp** AMBIENT	ACUTE HEALTH CHRONIC HEALTH
6.1	**Map:** NONE **Grid:** NONE	MF-62 **CAS#:** 1310-73-2 **EHS:** NO	COMPONENT NAME / EHS / % / CAS#: SODIUM HYDROXIDE 50% / N / 10 / 1310-73-2; *SODIUM NITRITE / N / 2 / 7632-00-0	LIQUID (MIXTURE)	**MAX:** 10 **LARGEST:** 10 **AVG:** 10 **CURIES:** 0 **DAYS:** 365 **CONTAINERS:** E	GAL	**Pressure** AMBIENT **Temp** AMBIENT	ACUTE HEALTH CHRONIC HEALTH
9	**Map:** NONE **Grid:** NONE	R-123 **CAS#:** 306-83-2 **EHS:** NO	COMPONENT NAME / EHS / % / CAS#: R-123 / N / 100 / 306-83-2	LIQUID (PURE)	**MAX:** 180 **LARGEST:** 30 **AVG:** 180 **CURIES:** 0 **DAYS:** 365 **CONTAINERS:** L	GAL	**Pressure** AMBIENT **Temp** AMBIENT	NONE

STORAGE CONTAINER CODES

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If EPCRA, Please Sign Here: _____

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Hazardous Waste Materials Inventory Statement

For use by Unidocs Member Agencies or where approved by your Local Jurisdiction

BUSINESS NAME: Cisco Systems Building 20		**DATE:** 11/17/2005	**PAGE:** 1 of 0
LOCATION:	**EPCRA CONFIDENTIAL:** NO	**TRADE SECRET:** NO	**FACILITY ID#:** 43-011-TMP038-SUBMITTED-17-NOVEMBER-05

1. Hazard Class	2. Grid Code	3. Common Name	4. Hazardous Components	5. Phys. State	6. Quantities	7. Units	8. Storage Codes	9. Haz. Categories

No Non-Waste Records found for this Facility in that Location

STORAGE CONTAINER CODES

A = Aboveground Tank	D = Steel Drum	G = Carboy	J = Bag	M = Glass Bottle or Jug	P = Tank Wagon
B = Belowground Tank	E = Plastic/Nonmetallic Drum	H = Silo	K = Box	N = Plastic Bottle or Jug	Q = Rail Car
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AVG = Avg. Amount Daily	CURIES = Curies (in mCi)
DAYS = Days On Site	CONTAINERS = Storage Containers

If EPCRA, Please Sign Here: _____

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MILPITAS FIRE DEPARTMENT
HAZARDOUS MATERIALS & ENVIRONMENTAL SERVICES UNIT
HAZARDOUS MATERIALS INSPECTION REPORT
CALIFORNIA FIRE CODE, 2001
MILPITAS MUNICIPAL CODE, TITLE V, CHAPTER 300

Fire Department Number
00-0325

Inspection Date 01/31/06

CISCO SYSTEMS (BLDG. 20)
00725 Alder Dr
Milpitas, Ca 95035

Lance Lougee (408) 525 - 1921 ext.
Contact Phone Number

Permitted Activities:

HM										

MRI	KX	EL	FA	HS	HD	OS	SS
		EL					SS

The Milpitas Fire Department conducted a Hazardous Materials inspection at the above address. This notice identifies code violations and the minimum requirements necessary to comply. Items marked with an "X" below will require your attention to come into compliance. Additional information may be written on this notice by the Inspector to provide you with direction for compliance.

		Date Abated
☐	1. Storage cabinets for flammable or combustible liquids shall have well fitted, self closing doors with a latching device; labeled "FLAMMABLE-KEEP FIRE AWAY"; bottom 2 inches liquid tight. [CFC 7902.5.9.3]	
☐	2. All flammable and combustible liquids in excess of maintenance and work station amounts (10 gallons) shall be located in an approved storage cabinet. Volumes stored shall not exceed those permitted by the Fire Code. [CFC 7902.5.8]	
☐	3. Empty tanks and containers previously used for flammable and combustible liquids unless free from explosive vapors, shall be stored as full with cover or plugs in place. [CFC 7902.5.3]	
	4. Storage of class I, II, or IIIA liquids shall not be near exit doorways, stairways or a location which may impede egress. [CFC 7902.5.5]	
☐	5. Dispensing of class I liquids is only allowed from approved safety cans or original containers. [CFC 7903.1.3.5]	
☐	6. Class IA flammable liquids shall not be dispensed by gravity from tanks. [CFC 7903.1.3.5]	
☐	7. When a flammable mixture is transferred from one container to another one shall be grounded. Piping systems shall be permanently grounded. [CFC 7903.2.1.3]	
☐	8. Storage cabinets for hazardous materials liquids shall have well fitted, self closing doors equipped with a self latching device; bottom 2 inches liquid tight and labeled "HAZARDOUS-KEEP FIRE AWAY". [CFC 8001.10.6.2]	
☐	9. Secondary containment is required for areas where hazardous materials are stored. [CFC 8001.11.11 as amended by MMC V-300-2.81]	
☐	10. Individual storage areas shall have dedicated drainage to prevent mixing of incompatible materials. [CFC 8003.1.3.3]	
☐	11. Containers previously containing a regulated material shall not be used to store a different material unless container is cleaned in an approved manner and properly labeled for new contents. [CFC 8001.4.6]	
☐	12. All containers in storage shall be arranged in an approved manner, non-compatibles separated (flammables, corrosives, oxidizers, etc.). [CFC 8001.11.8]	
☐	13. Signs prohibiting smoking shall be provided in storage areas and within 25 feet of outdoor storage areas. [CFC 8001.8; 8003.1.2]	
☐	14. Gas cylinders shall be properly identified, located, and secured. [CFC 7401.5.1; 7401.6.4]	
☐	15. Empty containers and tanks previously used for the storage of hazardous materials shall be free from residual materials and vapor as defined by DOT, RCRA or other regulating authority or maintained as specified for the storage of hazardous materials. [CFC 8001.4.6]	
	16. Open flames & high-temperature devices shall not be used in a manner which creates a hazardous condition. [CFC 8001.9]	

Fire Department Number 00-0325

☐ 17. Material Safety Data Sheets (MSDS) shall be available at the facility for all materials present. [CFC 8001.6] _____

☐ 18. All regulated material waste shall be disposed of in an approved manner. Hazardous materials shall not be released into the sewer, storm drain, ditch, drainage canal, lake, river, or tidal waterway, or upon the ground, sidewalk, street, highway or into the atmosphere. [CFC 8001.5.1] _____

☐ 19. Individual containers, cartons, packages shall be conspicuously marked or labeled in accordance with nationally recognized standards. [CFC 8001.8] _____

☐ 20. Entrances to areas where hazardous materials are stored, and stationary above ground tanks shall be placarded with NFPA 704 Hazard Signal System for the material(s) contained. [CFC 8001.7 , 8003.1.2] _____

☐ 21. All above ground piping shall be properly secured and labeled identifying product and direction of flow every 20 feet. [CFC 8001.4.3.2 as amended by MMC-V-300-2.52] _____

☐ 22. Process equipment shall be maintained as designed to prevent accidental discharge of hazardous materials. [CFC 8001.4.7.1] _____

☐ 23. A (revised) Hazardous Materials Business Plan shall be submitted within 10 days.[CFC 8001.3.2] _____

☐ 24. A monitoring method capable of detecting hazardous material leakage from the primary containment into the secondary containment shall be provided. [CFC 8001.11.10 as amended by MMC-V-300-2.80] _____

☐ 25. Routine inspections of all hazardous materials storage areas and spills of hazardous materials shall be recorded, on a weekly basis, on a monitoring log. [CFC 8001.11.10] _____

☐ 26. All processes new to the facility shall have Fire Department approval prior to installation and use. [CFC 8001.3.1] _____

☐ 27. A permit is required to install, repair, abandon, remove, place temporarily out of service, close or substantially modify a storage facility. [CFC 8001.3.1] _____

ADDITIONAL VIOLATIONS:

☐ See supplemental sheet for additional violations.

ORDERS:

X 1. Service fire extinguisher (generator enclosure) 3/9/

___ 2. _____

COMMENTS:

Testing of diesel ford tank monitor -- PASS.

REFERRALS:

Your facility will be referred to the following agency(s) for items noted during this inspection which are beyond the scope of this inspection:

☐ **No Hazardous Material violations were observed during the initial inspection.**

For your information: If your business handles hazardous waste, Santa Clara County Hazardous Materials Compliance Division may perform an inspection of your business. For more information, contact 918-3400.

If necessary, a 1st and 2nd re-inspection shall be conducted on or about 30 days from the initial inspection and 15 days from the 1st re-inspection respectively to determine if violation(s) noted above have been corrected and/or orders have been complied with.

Failure to comply with orders and correct violations may render you liable to the penalties as set forth by law, including, but not limited to, administrative, civil and/or criminal citations.

The Fire Department prefers compliance be obtained through the willingness of an individual to comply, and as always, remains ready to assist in this process. If you have any questions or wish to discuss this matter, please contact this office at (408) 586-3365.

Received By: W. Ken Grant Inspector: Valentin M Gutierrez

VC-K5

Milpitas Fire Department, Bureau of Fire Prevention, 455 E. Calaveras Blvd., Milpitas, CA 95035
Phone (408) 586-3365 FAX (408) 586-3378

Distribution: WHITE - Fire Department Address File
YELLOW - Business Responsible

UNIFIED PROGRAM CONSOLIDATED FORM

FACILITY INFORMATION

BUSINESS OWNER/OPERATOR IDENTIFICATION

JUN 3 0 2006
MILPITAS FIRE PREVENTION

I. IDENTIFICATION

FACILITY ID # (Agency Use Only)	1.	BEGINNING DATE 100.	ENDING DATE 101.
		06/30/06	06/30/07

BUSINESS NAME (Same as FACILITY NAME or DBA – Doing Business As) 3.	BUSINESS PHONE 102.
SanDisk Corporation	866-726-3475

BUSINESS SITE ADDRESS 103.		
900 Sumac Drive		
CITY 104.		ZIP CODE 105.
Milpitas	CA	95035

DUN & BRADSTREET 106.	SIC CODE (4 digit #) 107.
36-240-70-41	3674

COUNTY 108.	
Santa Clara	

BUSINESS OPERATOR NAME 109.	BUSINESS OPERATOR PHONE 110.
SanDisk Corporation	408-801-1000

II. BUSINESS OWNER

OWNER NAME 111.	OWNER PHONE 112.
SanDisk Corporation	408-801-1000

OWNER MAILING ADDRESS 113.		
601 McCarthy Boulevard		
CITY 114.	STATE 115.	ZIP CODE 116.
Milpitas	CA	95035

III. ENVIRONMENTAL CONTACT

CONTACT NAME 117.	CONTACT PHONE 118.
ichard Welch	(408) 542-0597

CONTACT MAILING ADDRESS 119.		
601 McCarthy Boulevard		
CITY 120.	STATE 121.	ZIP CODE 122.
Milpitas	CA	95035

IV. EMERGENCY CONTACTS

-PRIMARY-	-SECONDARY-
NAME 123.	NAME 128.
Richard Welch	Adony Beniares
TITLE 124.	TITLE 129.
EH&S Manager	Sr. Mgr., Site Services
BUSINESS PHONE 125.	BUSINESS PHONE 130.
(408) 542-0597	(408) 801-1883
24-HOUR PHONE* 126.	24-HOUR PHONE* 131.
408-590-5260	(408) 667-3978
PAGER # 127.	PAGER # 132.
N/A	N/A

ADDITIONAL LOCALLY COLLECTED INFORMATION: 133.

Property Owner: Peery-Arrillaga Phone No.: 408-980-0130

Billing Address: 2560 Mission College Blvd.,Suite 101, Santa Clara, CA 95054

Certification: Based on my inquiry of those individuals responsible for obtaining the information, I certify under penalty of law that I have personally examined and am familiar with the information submitted and believe the information is true, accurate, and complete.

SIGNATURE OF OWNER/OPERATOR OR DESIGNATED REPRESENTATIVE	DATE 134.	NAME OF DOCUMENT PREPARER 135.
A. R.	June 29/2006	Jason Ellis, EORM
NAME OF SIGNER (print) 136.	TITLE OF SIGNER	137.
Adony Beniares	Sr. Mgr. Site Services	

* See Instructions on next page.

UNIFIED PROGRAM CONSOLIDATED FORM
FACILITY INFORMATION
BUSINESS ACTIVITIES

I. FACILITY IDENTIFICATION

FACILITY ID # *(Agency Use Only)*	1.	EPA ID # (Hazardous Waste Only)	2.

BUSINESS NAME (Same as Facility Name or DBA - Doing Business As) 3.

SanDisk Corporation

II. ACTIVITIES DECLARATION

NOTE: If you check YES to any part of this list, please submit the Business Owner/Operator Identification page (OES Form 2730).

Does your facility...	If Yes, please complete these pages of the UPCF...	
A. HAZARDOUS MATERIALS Have on site (for any purpose) hazardous materials at or above 55 gallons for liquids, 500 pounds for solids, or 200 cubic feet for compressed gases (include liquids in ASTs and USTs); or the applicable Federal threshold quantity for an extremely hazardous substance specified in 40 CFR Part 355, Appendix A or B; or handle radiological materials in quantities for which an emergency plan is required pursuant to 10 CFR Parts 30, 40 or 70?	☒ YES ☐ NO 4.	HAZARDOUS MATERIALS INVENTORY – CHEMICAL DESCRIPTION (OES 2731)
B. UNDERGROUND STORAGE TANKS (USTs)		UST FACILITY (Formerly SWRCB Form A) UST TANK (one page per tank) (Formerly Form B)
1. Own or operate underground storage tanks?	☐ YES ☒ NO 5.	
2. Intend to upgrade existing or install new USTs?	☐ YES ☒ NO 6.	UST FACILITY UST TANK (one per tank) UST INSTALLATION - CERTIFICATE OF COMPLIANCE (one page per tank) (Formerly Form C)
3. Need to report closing a UST?	☐ YES ☒ NO 7.	UST TANK (closure portion – one page per tank)
C. ABOVE GROUND PETROLEUM STORAGE TANKS (ASTs) Own or operate ASTs above these thresholds: ---any tank capacity is greater than 660 gallons, or ---the total capacity for the facility is greater than 1,320 gallons?	☐ YES ☒ NO 8.	NO FORM REQUIRED TO CUPAs
D. HAZARDOUS WASTE		
1. Generate hazardous waste?	☒ YES ☐ NO 9.	EPA ID NUMBER – provide at the top of this page
2. Recycle more than 100 kg/month of excluded or exempted recyclable materials (per HSC §25143.2)?	☐ YES ☒ NO 10.	RECYCLABLE MATERIALS REPORT (one per recycler)
3. Treat hazardous waste on site?	☐ YES ☒ NO 11.	ONSITE HAZARDOUS WASTE TREATMENT – FACILITY (Formerly DTSC Forms 1772) ONSITE HAZARDOUS WASTE TREATMENT – UNIT (one page per unit) (Formerly DTSC Forms 1772 A,B,C,D and L)
4. Treatment subject to financial assurance requirements (for Permit by Rule and Conditional Authorization)?	☐ YES ☒ NO 12.	CERTIFICATION OF FINANCIAL ASSURANCE (Formerly DTSC Form 1232)
5. Consolidate hazardous waste generated at a remote site?	☐ YES ☒ NO 13.	REMOTE WASTE / CONSOLIDATION SITE ANNUAL NOTIFICATION (Formerly DTSC Form 1196)
6. Need to report the closure/removal of a tank that was classified as hazardous waste and cleaned onsite?	☐ YES ☒ NO 14.	HAZARDOUS WASTE TANK CLOSURE CERTIFICATION (Formerly DTSC Form 1249)

E. LOCAL REQUIREMENTS 15.

(You may also be required to provide additional information by your CUPA or local agency.)

Date: 06/29/06

Non-Waste Hazardous Materials Inventory Statement

For use by Unidocs Member Agencies or where approved by your Local Jurisdiction

Business Name: SanDisk, Inc. (Same as Facility Name or DBA)

Type of Report on This Page: ☐ Add; ☐ Delete; ☐ Revise

Page 6 of 6 (One page per building or area)

Chemical Location: 900 Sumac Drive (Building/Storage Area)

EPCRA Confidential Location? ☐ Yes; ☒ No
Trade Secret Information? ☐ Yes; ☒ No

Facility ID # (Agency Use Only)

1. Haz. Class	2. Map and Grid or Location Code	3. Common Name	4. Hazardous Components (For mixtures only) Chemical Name	% Wt.	EHS	CAS No.	5. Type and Physical State	6. Quantities Max. Daily	Average Daily	Largest Cont.	7. Units	8. Storage Codes Storage Pressure	Storage Temp.	9. Hazard Categories
2.2	1st Floor 1.2/D.7 4/D	Nitrogen, compressed CAS No.: 7727-37-9 ☐ EHS	Nitrogen	100	☐	7727-37-9	☒ pure ☐ mixture ☐ solid ☐ liquid ☒ gas	5.8 Curies: (If radioactive)	5.8 Days On Site: 365	5.8 Storage Container:* L	☒ gallons ☐ pounds ☐ cu. feet ☐ tons	☐ ambient ☒ > amb. ☐ < amb.	☐ ambient ☐ > amb. ☒ < amb. ☐ cryogenic	☐ fire ☐ reactive ☒ pressure re ☐ acute healt ☐ chronic heal ☐ radioactive
Not Regul ated	1st Floor 4.7/D.7 5.7/D.7	Master Polish Suspension CAS No.: ☐ EHS	Water	UN	☐	7732-18-5	☐ pure ☒ mixture ☐ solid ☒ liquid ☐ gas	0.25 Curies: (If radioactive)	0.25 Days On Site: 365	0.25 Storage Container:* N	☒ gallons ☐ pounds ☐ cu. feet ☐ tons	☒ ambient ☐ > amb. ☐ < amb.	☒ ambient ☐ > amb. ☐ < amb. ☐ cryogenic	☐ fire ☐ reactive ☐ pressure release ☐ acute health ☐ chronic health ☐ radioactive
			Petroleum distillate	UN	☐	N/A								
			Propylene glycol	UN	☐	57-55-6								
			Aluminum Oxide	UN	☐	1344-28-1								
			Hydrotreated silica	UN	☐	7631-86-9								
2.2	1st Floor 4.7/D.7 5.7/D.7	Super Contact Cleaner CAS No.: ☐ EHS	Petroleum Naptha	70	☐	64742-88-7	☐ pure ☒ mixture ☐ solid ☒ liquid ☐ gas	0.35 Curies: (If radioactive)	0.35 Days On Site: 365	0.35 Storage Container:* R	☒ gallons ☐ pounds ☐ cu. feet ☐ tons	☒ ambient ☐ > amb. ☐ < amb.	☒ ambient ☐ > amb. ☐ < amb. ☐ cryogenic	☒ fire ☐ reactive ☐ pressure release ☒ acute health ☐ chronic health ☐ radioactive
			1,1,1,2-tetrafluoroethane	20	☐	811-97-2								
			Petroleum Seal Oil	5	☐	64741-44-2								
			Poly Phenyl Ether	5	☐	N/A								
2.2	1st Floor 4/D	Freon 14 CAS No.: 76-16-4 ☐ EHS	Hexafluoroethane	100	☐	76-16-4	☒ pure ☐ mixture ☐ solid ☒ liquid ☐ gas	5.81 Curies: (If radioactive)	5.81 Days On Site: 365	5.81 Storage Container:* L	☒ gallons ☐ pounds ☐ cu. feet ☐ tons	☒ ambient ☐ > amb. ☐ < amb.	☒ ambient ☐ > amb. ☐ < amb. ☐ cryogenic	☐ fire ☐ reactive ☐ pressure release ☐ acute health ☐ chronic health ☐ radioactive
3	1st Floor 4.5/D.8 5.5/D.8	Zero Charge Screen & Keyboard cleaner CAS No.: ☐ EHS	Water	40	☐	7732-18-5	☐ pure ☒ mixture ☐ solid ☒ liquid ☐ gas	0.25 Curies: (If radioactive)	0.25 Days On Site: 365	0.25 Storage Container:* N	☒ gallons ☐ pounds ☐ cu. feet ☐ tons	☒ ambient ☐ > amb. ☐ < amb.	☒ ambient ☐ > amb. ☐ < amb. ☐ cryogenic	☒ fire ☐ reactive ☐ pressure release ☐ acute health ☐ chronic health ☐ radioactive
			Crodaquat 66	<1	☐	68071-95-4								
			Ethanol	50	☐	64-14-5								
			Methanol	10	☐	67-56-1								
6.1	1st Floor 4.5/D.8 5.5/D.8	Ammonium Fluoride CAS No.: 12125-01-8 ☐ EHS	Ammonium Fluoride	94	☐	12125-01-8	☒ pure ☐ mixture ☐ solid ☐ liquid ☐ gas	4 Curies: (If radioactive)	4 Days On Site: 365	1 Storage Container:* N	☒ gallons ☐ pounds ☐ cu. feet ☐ tons	☒ ambient ☐ > amb. ☐ < amb.	☒ ambient ☐ > amb. ☐ < amb. ☐ cryogenic	☐ fire ☐ reactive ☐ pressure release ☒ acute health ☐ chronic health ☐ radioactive

* Storage Type Codes

Code	Storage Type	Code	Storage Type	Code	Storage Type	Code	Storage Type	Code	Storage Type	Code	Storage Type
A	Aboveground Tank	D	Steel Drum	G	Carboy	J	Bag	M	Glass Bottle or Jug	P	Tank Wagon
B	Belowground Tank	E	Plastic/Non-metallic Drum	H	Silo	K	Box	N	Plastic Bottle or Jug	Q	Rail Car
C	Tank Inside Building	F	Can	I	Fiber Drum	L	Cylinder	O	Tote Bin	R	Other

If EPCRA, sign below:

Date: 06/29/06

Non-Waste Hazardous Materials Inventory Statement

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Business Name: SanDisk, Inc. (Same as Facility Name or DBA)

Type of Report on This Page: ☐ Add; ☐ Delete; ☐ Revise

Page 5 of 6 (One page per building or area)

Chemical Location: 900 Sumac Drive (Building/Storage Area)

EPCRA Confidential Location? ☐ Yes; ☒ No
Trade Secret Information? ☐ Yes; ☒ No

Facility ID # (Agency Use Only)

1. Haz. Class	2. Map and Grid or Location Code	3. Common Name	4. Hazardous Components (For mixtures only) Chemical Name	% Wt.	EHS	CAS No.	5. Type and Physical State	6. Quantities Max. Daily	Average Daily	Largest Cont.	7. Units	8. Storage Codes Storage Pressure	Storage Temp.	9. Hazard Categories
3	1st Floor 2.2/C.8 3/B	Isopropanol CAS No.: 67-63-0 ☐ EHS	2-Propanol	100	☐	67-63-0	☒ pure ☐ mixture ☐ solid ☒ liquid ☐ gas	3 Curies: (If radioactive)	3 Days On Site: 365	1 Storage Container:* N	☒ gallons ☐ pounds ☐ cu. feet ☐ tons	☒ ambient ☐ > amb. ☐ < amb.	☒ ambient ☐ > amb. ☐ < amb. ☐ cryogenic	☒ fire ☐ reactive ☐ pressure rel. ☐ acute health ☐ chronic hea. ☐ radioactive
2.2	Roof Top	Freon 22 CAS No.: ☐ EHS	Chlorodifluoro-methane	100	☐	75-45-6	☒ pure ☐ mixture ☐ solid ☒ liquid ☐ gas	380 Curies: (If radioactive)	380 Days On Site: 365	15 Storage Container:* L	☐ gallons ☒ pounds ☐ cu. feet ☐ tons	☐ ambient ☒ > amb. ☐ < amb.	☐ ambient ☐ > amb. ☒ < amb. ☐ cryogenic	☒ fire ☒ reactive ☒ pressure release ☒ acute health ☐ chronic health ☐ radioactive
Not Regulated	1st Floor 3/B	Liquinox CAS No.: ☐ EHS	Sodium Dodecylbenzensulfonate	>10	☐	25155-30-0	☐ pure ☒ mixture ☐ solid ☒ liquid ☐ gas	0.25 Curies: (If radioactive)	0.25 Days On Site:	0.25 Storage Container:*	☒ gallons ☐ pounds ☐ cu. feet ☐ tons	☒ ambient ☐ > amb. ☐ < amb.	☒ ambient ☐ > amb. ☐ < amb. ☐ cryogenic	☐ fire ☐ reactive ☐ pressure release ☐ acute health ☐ chronic health ☐ radioactive
3	1st Floor 2.2/C.8	Methyl alcohol CAS No.: 67-65-1 ☐ EHS	Methanol	100	☐	67-65-1	☒ pure ☐ mixture ☐ solid ☒ liquid ☐ gas	1.0 Curies: (If radioactive)	1.0 Days On Site: 365	1.0 Storage Container:* N	☐ gallons ☐ pounds ☐ cu. feet ☐ tons	☐ ambient ☐ > amb. ☐ < amb.	☒ ambient ☐ > amb. ☐ < amb. ☐ cryogenic	☒ fire ☐ reactive ☐ pressure release ☐ acute health ☐ chronic health ☐ radioactive
Not Regulated	1st Floor 2.2/C.8	Mechanical Pump Fluid CAS No.: ☐ EHS	Lubricating oils, petroleum, C20-50 Lubricating oils, petroleum, C20-50		☐ ☐	72623-87-1 72623-85-9	☐ pure ☒ mixture ☐ solid ☒ liquid ☐ gas	0.25 Curies: (If radioactive)	0.25 Days On Site: 365	0.25 Storage Container:* N	☒ gallons ☐ pounds ☐ cu. feet ☐ tons	☒ ambient ☐ > amb. ☐ < amb.	☒ ambient ☐ > amb. ☐ < amb. ☐ cryogenic	☐ fire ☐ reactive ☐ pressure release ☐ acute health ☐ chronic health ☐ radioactive
Not Regulated	1st Floor 2.2/C.8 3/B	Colloidal Silica Suspension CAS No.: ☐ EHS	Colloidal Silica (amorphous) Water	70 30	☐ ☐	7631-86-1 7732-8-5	☐ pure ☒ mixture ☐ solid ☒ liquid ☐ gas	5 Curies: (If radioactive)	5 Days On Site: 365	1.0 Storage Container:* N	☒ gallons ☐ pounds ☐ cu. feet ☐ tons	☒ ambient ☐ > amb. ☐ < amb.	☒ ambient ☐ > amb. ☐ < amb. ☐ cryogenic	☐ fire ☐ reactive ☐ pressure release ☐ acute health ☐ chronic health ☐ radioactive

* Storage Type Codes

Code	Storage Type	Code	Storage Type	Code	Storage Type	Code	Storage Type	Code	Storage Type	Code	Storage Type
A	Aboveground Tank	D	Steel Drum	G	Carboy	J	Bag	M	Glass Bottle or Jug	P	Tank Wagon
B	Belowground Tank	E	Plastic/Non-metallic Drum	H	Silo	K	Box	N	Plastic Bottle or Jug	Q	Rail Car
C	Tank Inside Building	F	Can	I	Fiber Drum	L	Cylinder	O	Tote Bin	R	Other

If EPCRA, sign below:

Date: 06/29/06

Non-Waste Hazardous Materials Inventory Statement

For use by Unidocs Member Agencies or where approved by your Local Jurisdiction

Business Name: SanDisk, Inc. (Same as Facility Name or DBA)

Type of Report on This Page: ☐ Add; ☐ Delete; ☐ Revise

Page 4 of 6 (One page per building or area)

Chemical Location: 900 Sumac Drive (Building/Storage Area)

EPCRA Confidential Location? ☐ Yes; ☒ No
Trade Secret Information? ☐ Yes; ☒ No

Facility ID # (Agency Use Only)

1. Haz. Class	2. Map and Grid or Location Code	3. Common Name	4. Hazardous Components (For mixtures only) Chemical Name	% Wt.	EHS	CAS No.	5. Type and Physical State	6. Quantities Max. Daily	Average Daily	Largest Cont.	7. Units	8. Storage Codes Storage Pressure	Storage Temp.	9. Hazard Categories
Not Regulated	1st Floor 4.5/D.8 5.5/D.8	Regular Soldering Flux Paste	Hydrochloric Acid	20	☐	7647-01-0	☐ pure ☒ mixture	0.25	0.25	0.25	☒ gallons ☐ pounds ☐ cu. feet ☐ tons	☒ ambient ☐ > amb. ☐ < amb.	☒ ambient ☐ > amb. ☐ < amb. ☐ cryogenic	☐ fire ☐ reactive ☐ pressure rel ☐ acute healt ☐ chronic hea... ☐ radioactive
			2-aminoethanol	13	☐	141-43-5								
			Ammonium Chloride	13	☐	12125-05-9	☐ solid ☒ liquid ☐ gas	Curies: (If radioactive)	Days On Site: 365	Storage Container:* N				
		CAS No.: ☐ EHS	Stearic Acid	5	☐	57-11-4								
3	1st Floor 4.5/D.8 5.5/D.8	Heavy Duty Flux Remover	2-propanol	20	☐	67-63-0	☐ pure ☒ mixture	0.12	0.12	0.12	☒ gallons ☐ pounds ☐ cu. feet ☐ tons	☒ ambient ☐ > amb. ☐ < amb.	☒ ambient ☐ > amb. ☐ < amb. ☐ cryogenic	☒ fire ☐ reactive ☐ pressure release ☐ acute health ☐ chronic health ☐ radioactive
			Ethyl acetate	70	☐	141-78-6								
			2-propanone	10	☐	67-64-1	☐ solid ☒ liquid ☐ gas	Curies: (If radioactive)	Days On Site: 365	Storage Container:* R				
		CAS No.: ☐ EHS			☐									
2.2	1st Floor 4/D	Argon	Argon	100	☐	7440-37-1	☒ pure ☐ mixture	12	12	6	☐ gallons ☐ pounds ☐ cu. feet ☐ tons	☐ ambient ☒ > amb. ☐ < amb.	☒ ambient ☐ > amb. ☐ < amb. ☐ cryogenic	☐ fire ☐ reactive ☒ pressure release ☐ acute health ☐ chronic health ☐ radioactive
		CAS No.: 7440-37-1 ☐ EHS			☐		☐ solid ☐ liquid ☒ gas	Curies: (If radioactive)	Days On Site: 365	Storage Container:* L				
2.2, 5.1	1st Floor 4/D	Oxygen	Oxygen	100	☐	7782-44-7	☒ pure ☐ mixture	5.81	5.81	5.81	☐ gallons ☐ pounds ☐ cu. feet ☐ tons	☐ ambient ☒ > amb. ☐ < amb.	☒ ambient ☐ > amb. ☐ < amb. ☐ cryogenic	☐ fire ☒ reactive ☒ pressure release ☐ acute health ☐ chronic health ☐ radioactive
		CAS No.: ☐ EHS			☐		☐ solid ☐ liquid ☐ gas	Curies: (If radioactive)	Days On Site: 365	Storage Container:* L				
8	1st Floor 2.2/C.8	EKC265 Post-Etch Residue Remover	2-(2-Aminoethoxy) ethanol		☐	929-06-6	☐ pure ☒ mixture	2.5	2.5	2.5	☐ gallons ☐ pounds ☐ cu. feet ☐ tons	☐ ambient ☐ > amb. ☐ < amb.	☐ ambient ☐ > amb. ☐ < amb. ☐ cryogenic	☐ fire ☐ reactive ☐ pressure release ☒ acute health ☐ chronic health ☐ radioactive
			Hydroxylamine		☐	7803-49-8								
			Catechol		☐	120-80-9	☐ solid ☒ liquid ☐ gas	Curies: (If radioactive)	Days On Site: 365	Storage Container:* N				
		CAS No.: ☐ EHS			☐									
8	1st Floor 2.2/C.8	Posistrip EKC830 Positive Photoresist Remover	N-Methylpyrrolidone		☐	872-50-4	☐ pure ☒ mixture	1.0	1.0	1.0	☒ gallons ☐ pounds ☐ cu. feet ☐ tons	☒ ambient ☐ > amb. ☐ < amb.	☒ ambient ☐ > amb. ☐ < amb. ☐ cryogenic	☐ fire ☐ reactive ☐ pressure release ☒ acute health ☐ chronic health ☐ radioactive
			2-(2-Aminoethoxy) ethanol		☐	929-06-6								
		CAS No.: ☐ EHS			☐		☐ solid ☒ liquid ☐ gas	Curies: (If radioactive)	Days On Site: 365	Storage Container:* N				

* Storage Container Codes

Code	Storage Type	Code	Storage Type	Code	Storage Type	Code	Storage Type	Code	Storage Type	Code	Storage Type
A	Aboveground Tank	D	Steel Drum	G	Carboy	J	Bag	M	Glass Bottle or Jug	P	Tank Wagon
B	Belowground Tank	E	Plastic/Non-metallic Drum	H	Silo	K	Box	N	Plastic Bottle or Jug	Q	Rail Car
C	Tank Inside Building	F	Can	I	Fiber Drum	L	Cylinder	O	Tote Bin	R	Other

If EPCRA, sign below: _____

Date: 06/29/06

Non-Waste Hazardous Materials Inventory Statement

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Business Name: SanDisk, Inc. (Same as Facility Name or DBA)

Type of Report on This Page: ☐ Add; ☐ Delete; ☐ Revise

Page 3 of 6 (One page per building or area)

Chemical Location: 900 Sumac Drive (Building/Storage Area)

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Trade Secret Information? ☐ Yes; ☒ No

Facility ID # (Agency Use Only)

1. Haz. Class	2. Map and Grid or Location Code	3. Common Name	4. Hazardous Components (For mixtures only) Chemical Name	% Wt.	EHS	CAS No.	5. Type and Physical State	6. Quantities Max. Daily	Average Daily	Largest Cont.	7. Units	8. Storage Codes Storage Pressure	Storage Temp.	9. Hazard Categories
8, 6.1	1st Floor 4.5/D.8 5.5/D.8	MOD 6:1 BOE	Ammonium Fluoride	37	☐	12125-01-8	☐ pure ☒ mixture	1.0	1.0	1.0	☒ gallons ☐ pounds ☐ cu. feet ☐ tons	☒ ambient ☐ > amb. ☐ < amb.	☒ ambient ☐ > amb. ☐ < amb. ☐ cryogenic	☐ fire ☐ reactive ☐ pressure rel. ☒ acute health ☐ chronic heal. ☐ radioactive
			Hydrofluoric acid	7	☐	7664-39-3								
			Water	56	☐	68606-66-2	☐ solid ☒ liquid ☐ gas	Curies: (If radioactive)	Days On Site: 365	Storage Container:* N				
		CAS No.: ☐ EHS			☐									
					☐									
5	1st Floor 4.5/D.8 5.5/D.8	Hydrogen Peroxide, 30%	Hydrogen Peroxide	30	☐	7722-84-1	☐ pure ☒ mixture	1.0	1.0	1.0	☒ gallons ☐ pounds ☐ cu. feet ☐ tons	☒ ambient ☐ > amb. ☐ < amb.	☒ ambient ☐ > amb. ☐ < amb. ☐ cryogenic	☐ fire ☒ reactive ☐ pressure release ☐ acute health ☐ chronic health ☐ radioactive
					☐									
					☐		☐ solid ☒ liquid ☐ gas	Curies: (If radioactive)	Days On Site: 365	Storage Container:* N				
		CAS No.: ☐ EHS			☐									
					☐									
8	1st Floor 4.5/D.8 5.5/D.8	Potassium Hydroxide, 45%	Potassium Hydroxide	45	☐	1310-58-3	☐ pure ☒ mixture	1.0	1.0	1.0	☐ gallons ☒ pounds ☐ cu. feet ☐ tons	☒ ambient ☐ > amb. ☐ < amb.	☒ ambient ☐ > amb. ☐ < amb. ☐ cryogenic	☐ fire ☐ reactive ☐ pressure release ☒ acute health ☐ chronic health ☐ radioactive
					☐									
					☐		☐ solid ☒ liquid ☐ gas	Curies: (If radioactive)	Days On Site: 365	Storage Container:* N				
		CAS No.: ☐ EHS			☐									
					☐									
3	1st Floor 2.2/C.8 4.5/D.8 5.5/D.8 3/B	Acetone	Acetone	100	☐	64-67-1	☒ pure ☐ mixture	3	3	1.0	☒ gallons ☐ pounds ☐ cu. feet ☐ tons	☒ ambient ☐ > amb. ☐ < amb.	☒ ambient ☐ > amb. ☐ < amb. ☐ cryogenic	☒ fire ☐ reactive ☐ pressure release ☐ acute health ☐ chronic health ☐ radioactive
					☐									
					☐		☐ solid ☒ liquid ☐ gas	Curies: (If radioactive)	Days On Site: 365	Storage Container:* N				
		CAS No.: ☐ EHS			☐									
					☐									
2.2	1st Floor 4.5/D.8 5.5/D.8	Super Cold 134 Plus	1,1,1,2-tetrafluoroethane	100	☐	811-97-2	☒ pure ☐ mixture	0.08	0.08	0.08	☒ gallons ☐ pounds ☐ cu. feet ☐ tons	☐ ambient ☒ > amb. ☐ < amb.	☒ ambient ☐ > amb. ☐ < amb. ☐ cryogenic	☐ fire ☐ reactive ☒ pressure release ☐ acute health ☐ chronic health ☐ radioactive
					☐									
					☐		☐ solid ☐ liquid ☒ gas	Curies: (If radioactive)	Days On Site: 365	Storage Container:* N				
		CAS No.: ☐ EHS			☐									
					☐									
Not Regulated	1st Floor 2.2/C.8 4.5/D.8 5.5/D.8	WD-40	Aliphatic Petroleum Distillates	50	☐	8052-41-3	☐ pure ☒ mixture	0.07	0.07	0.07	☒ gallons ☐ pounds ☐ cu. feet ☐ tons	☐ ambient ☒ > amb. ☐ < amb.	☒ ambient ☐ > amb. ☐ < amb. ☐ cryogenic	☒ fire ☐ reactive ☒ pressure release ☐ acute health ☐ chronic health ☐ radioactive
			Petroleum Base Oil	25	☐	64742-65-0								
			LVP Hydrocarbon Fluid	18	☐	64742-47-8	☐ solid ☐ liquid ☒ gas	Curies: (If radioactive)	Days On Site: 365	Storage Container:* R				
		CAS No.: ☐ EHS	Carbon Dioxide	3	☐	124-38-9								
					☐									

* Storage Container Codes

Code	Storage Type	Code	Storage Type	Code	Storage Type	Code	Storage Type	Code	Storage Type	Code	Storage Type
A	Aboveground Tank	D	Steel Drum	G	Carboy	J	Bag	M	Glass Bottle or Jug	P	Tank Wagon
B	Belowground Tank	E	Plastic/Non-metallic Drum	H	Silo	K	Box	N	Plastic Bottle or Jug	Q	Rail Car
C	Tank Inside Building	F	Can	I	Fiber Drum	L	Cylinder	O	Tote Bin	R	Other

If EPCRA, sign below:

_____

Date: 06/29/06

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Not Regulated	1st Floor 4.5/D.8 5.5/D.8	Zero Charge Screen & Keyboard Cleaner	Deionized Water	92	☐		☐ pure ☒ mixture	0.25	0.25	0.25	☒ gallons ☐ pounds ☐ cu. feet ☐ tons	☒ ambient ☐ > amb. ☐ < amb.	☒ ambient ☐ > amb. ☐ < amb. ☐ cryogenic	☐ fire ☐ reactive ☐ pressure rel. ☐ acute health ☐ chronic heal. ☐ radioactive
			Isopropanol	7.5	☐	67-63-0								
			Lauroamphodiacetate	5	☐	68606-66-2	☐ solid ☒ liquid ☐ gas	Curies: (If radioactive)	Days On Site: 365	Storage Container:* N				
		CAS No.: ☐ EHS			☐									
					☐									
8	1st Floor 4.5/D.8 5.5/D.8	Nitric Acid, 50-70%	Nitric Acid	70	☐	7697-37-2	☐ pure ☒ mixture	0.65	0.65	0.65	☒ gallons ☐ pounds ☐ cu. feet ☐ tons	☒ ambient ☐ > amb. ☐ < amb.	☒ ambient ☐ > amb. ☐ < amb. ☐ cryogenic	☐ fire ☐ reactive ☐ pressure release ☒ acute health ☐ chronic health ☐ radioactive
			Water	30	☐	7732-18-5								
					☐		☐ solid ☒ liquid ☐ gas	Curies: (If radioactive)	Days On Site: 365	Storage Container:* N				
		CAS No.: ☐ EHS			☐									
					☐									
Not Regulated	1st Floor 4.5/D.8 5.5/D.8	Alumina Powder	Aluminum Oxide	100	☐	1344-28-1	☒ pure ☐ mixture	1.0	1.0	1.0	☐ gallons ☒ pounds ☐ cu. feet ☐ tons	☒ ambient ☐ > amb. ☐ < amb.	☒ ambient ☐ > amb. ☐ < amb. ☐ cryogenic	☐ fire ☐ reactive ☐ pressure release ☐ acute health ☐ chronic health ☐ radioactive
					☐									
					☐		☐ solid ☒ liquid ☐ gas	Curies: (If radioactive)	Days On Site: 365	Storage Container:* N				
		CAS No.: ☐ EHS			☐									
					☐									
8 3	1st Floor 4.5/D.8 5.5/D.8	Acetic Acid, Glacial	Acetic Acid	100	☐	64-19-7	☒ pure ☐ mixture	0.25	0.25	0.25	☒ gallons ☐ pounds ☐ cu. feet ☐ tons	☒ ambient ☐ > amb. ☐ < amb.	☒ ambient ☐ > amb. ☐ < amb. ☐ cryogenic	☒ fire ☐ reactive ☐ pressure release ☒ acute health ☐ chronic health ☐ radioactive
					☐									
					☐		☐ solid ☒ liquid ☐ gas	Curies: (If radioactive)	Days On Site: 365	Storage Container:* N				
		CAS No.: ☐ EHS			☐									
					☐									
8	1st Floor 4.5/D.8 5.5/D.8	Sulfuric Acid	Sulfuric Acid	99	☐	7664-93-9	☐ pure ☒ mixture	1.0	1.0	1.0	☒ gallons ☐ pounds ☐ cu. feet ☐ tons	☒ ambient ☐ > amb. ☐ < amb.	☒ ambient ☐ > amb. ☐ < amb. ☐ cryogenic	☐ fire ☐ reactive ☐ pressure release ☒ acute health ☐ chronic health ☐ radioactive
					☐									
					☐		☐ solid ☒ liquid ☐ gas	Curies: (If radioactive)	Days On Site: 365	Storage Container:* N				
		CAS No.: ☐ EHS			☐									
					☐									
8, 6.1	1st Floor 4.5/D.8 5.5/D.8	Hydrofluoric Acid	Hydrogen Flouride	52	☐	7664-39-3	☐ pure ☒ mixture	1.0	1.0	1.0	☒ gallons ☐ pounds ☐ cu. feet ☐ tons	☒ ambient ☐ > amb. ☐ < amb.	☒ ambient ☐ > amb. ☐ < amb. ☐ cryogenic	☐ fire ☐ reactive ☐ pressure release ☒ acute health ☐ chronic health ☐ radioactive
			Water	48	☐	7732-18-5								
					☐		☐ solid ☒ liquid ☐ gas	Curies: (If radioactive)	Days On Site: 365	Storage Container:* N				
		CAS No.: ☐ EHS			☐									
					☐									

* Storage Type Codes

Code	Storage Type	Code	Storage Type	Code	Storage Type	Code	Storage Type	Code	Storage Type	Code	Storage Type
A	Aboveground Tank	D	Steel Drum	G	Carboy	J	Bag	M	Glass Bottle or Jug	P	Tank Wagon
B	Belowground Tank	E	Plastic/Non-metallic Drum	H	Silo	K	Box	N	Plastic Bottle or Jug	Q	Rail Car
C	Tank Inside Building	F	Can	I	Fiber Drum	L	Cylinder	O	Tote Bin	R	Other

If EPCRA, sign below:

Date: 06/29/06

Non-Waste Hazardous Materials Inventory Statement

For use by Unidocs Member Agencies or where approved by your Local Jurisdiction

Business Name: SanDisk, Inc. (Same as Facility Name or DBA)

Type of Report on This Page: ☐ Add; ☐ Delete; ☐ Revise

Page 1 of 6 (One page per building or area)

Chemical Location: 900 Sumac Drive (Building/Storage Area)

EPCRA Confidential Location? ☐ Yes; ☒ No

Trade Secret Information? ☐ Yes; ☒ No

Facility ID # (Agency Use Only)

1. Haz. Class	2. Map and Grid or Location Code	3. Common Name	4. Hazardous Components (For mixtures only) Chemical Name	% Wt.	EHS	CAS No.	5. Type and Physical State	6. Quantities Max. Daily	Average Daily	Largest Cont.	7. Units	8. Storage Codes Storage Pressure	Storage Temp.	9. Hazard Categories
2.2	1st Floor A.5/D.7 4/D 3/B	Liquid Nitrogen (LN2) CAS No.: ☐ EHS	LN2	100	☐	7727-37-9	☒ pure ☐ mixture ☐ solid ☒ liquid ☐ gas	174 Curies: (If radioactive)	174 Days On Site: 365	58 Storage Container:* M	☒ gallons ☐ pounds ☐ cu. feet ☐ tons	☐ ambient ☒ > amb. ☐ < amb.	☒ ambient ☐ > amb. ☐ < amb. ☐ cryogenic	☐ fire ☐ reactive ☒ pressure re ☐ acute heal ☐ chronic heal ☐ radioactive
Not Regulated	1st Floor 4.5/D.8 5.5/D.8	Diamond Suspension, Water Based CAS No.: ☐ EHS	Water Carbon	99 <1	☐ ☐	7732-18-5	☐ pure ☒ mixture ☐ solid ☐ liquid ☐ gas	0.13 Curies: (If radioactive)	0.13 Days On Site: 365	0.13 Storage Container:* N	☒ gallons ☐ pounds ☐ cu. feet ☐ tons	☒ ambient ☐ > amb. ☐ < amb.	☒ ambient ☐ > amb. ☐ < amb. ☐ cryogenic	☐ fire ☐ reactive ☐ pressure release ☐ acute health ☐ chronic health ☐ radioactive
Not Regulated	1st Floor 4.5/D.8 5.5/D.8	Buehler Isocut Plus Fluid CAS No.: ☐ EHS	Triethanolamine Monoethanolamine	30 10	☐ ☐	102-71-6 141-43-5	☐ pure ☒ mixture ☐ solid ☒ liquid ☐ gas	0.25 Curies: (If radioactive)	0.25 Days On Site: 365	0.25 Storage Container:* N	☒ gallons ☐ pounds ☐ cu. feet ☐ tons	☒ ambient ☐ > amb. ☐ < amb.	☒ ambient ☐ > amb. ☐ < amb. ☐ cryogenic	☐ fire ☐ reactive ☐ pressure release ☐ acute health ☐ chronic health ☐ radioactive
Not Regulated	1st Floor 4.5/D.8 5.5/D.8	Sierra Antifreeze/Coolant CAS No.: ☐ EHS	Propylene glycol Water	96 3	☐ ☐	57-55-6 7732-18-5	☐ pure ☒ mixture ☐ solid ☒ liquid ☐ gas	1.0 Curies: (If radioactive)	1.0 Days On Site: 365	1.0 Storage Container:* N	☒ gallons ☐ pounds ☐ cu. feet ☐ tons	☒ ambient ☐ > amb. ☐ < amb.	☒ ambient ☐ > amb. ☐ < amb. ☐ cryogenic	☐ fire ☐ reactive ☐ pressure release ☐ acute health ☐ chronic health ☐ radioactive
Not Regulated	1st Floor 4.5/D.8 5.5/D.8	Galden HT 110 CAS No.: ☐ EHS	1-propene, 1,1,2,3,3,3-hexafluoro-, oxidized, polymd	>1	☐	69991-67-9	☐ pure ☐ mixture ☐ solid ☐ liquid ☐ gas	2.0 Curies: (If radioactive)	2.0 Days On Site: 365	2.0 Storage Container:* N	☒ gallons ☐ pounds ☐ cu. feet ☐ tons	☒ ambient ☐ > amb. ☐ < amb.	☒ ambient ☐ > amb. ☐ < amb. ☐ cryogenic	☐ fire ☐ reactive ☐ pressure release ☐ acute health ☐ chronic health ☐ radioactive
Not Regulated	1st Floor 4.5/D.8 5.5/D.8	Galden HT 90 CAS No.: ☐ EHS	1-propene, 1,1,2,3,3,3-hexafluoro-, oxidized, polymd	>1	☐	69991-67-9	☐ pure ☒ mixture ☐ solid ☒ liquid ☐ gas	0.53 Curies: (If radioactive)	0.53 Days On Site: 365	0.53 Storage Container:* N	☒ gallons ☐ pounds ☐ cu. feet ☐ tons	☒ ambient ☐ > amb. ☐ < amb.	☒ ambient ☐ > amb. ☐ < amb. ☐ cryogenic	☐ fire ☐ reactive ☐ pressure release ☐ acute health ☐ chronic health ☐ radioactive

* Storage Container Codes

Code	Storage Type	Code	Storage Type	Code	Storage Type	Code	Storage Type	Code	Storage Type	Code	Storage Type
A	Aboveground Tank	D	Steel Drum	G	Carboy	J	Bag	M	Glass Bottle or Jug	P	Tank Wagon
B	Belowground Tank	E	Plastic/Non-metallic Drum	H	Silo	K	Box	N	Plastic Bottle or Jug	Q	Rail Car
C	Tank Inside Building	F	Can	I	Fiber Drum	L	Cylinder	O	Tote Bin	R	Other

If EPCRA, sign below:

D.L.

Date: 06/29/06

Hazardous Waste Inventory Statement

For use by Unidocs Member Agencies or where approved by your Local Jurisdiction

JUL 1 0 2006

MILPITAS FIRE PREVENTION

Business Name: SanDisk, Inc. (Same as Facility Name or DBA)

Type of Report(s) this Page: ☐ Add; ☐ Delete; ☐ Revise

Page 1 of 1 (One page per building or area)

Chemical Location: 900 Sumac Drive (Building/Storage Area)

EPCRA Confidential Location? ☐ Yes; ☒ No
Trade Secret Information? ☐ Yes; ☒ No

Facility ID # (Agency Use Only)

1. Haz. Class	2. Map and Grid or Location Code	3. Waste Stream Name	4. Hazardous Components: Chemical Name	% Wt.	EHS	CAS No.	5. Type and Physical State	6. Quantities: Max. Daily	Average Daily	Largest Cont.	7. Annual Waste Amount	8. Units	9. Storage Codes: Storage Pressure	Storage Temp.	10. Hazard Categories
8	4/D	Corrosive Liquid, Acid	Hydrofluoric Acid		☐	7664-39-3	☒ waste	2	1	0.25	5	☒ gallons ☐ pounds ☐ cu. feet ☐ tons	☒ ambient ☐ > amb. ☐ < amb.	☐ ambient ☐ > amb. ☐ < amb. ☐ cryogenic	☐ fire ☐ reactive ☐ pressure re ☒ acute healt ☐ chronic healt ☐ radioactive
			Sulfuric Acid		☐	7664-93-9									
		Management Method: ☒ Shipped Off-site ☐ Recycled On-site ☐ Treated On-site	Acetic Acid		☐	64-19-7	☐ solid ☒ liquid ☐ gas	Curies: (If radioactive)	Days On Site: 90	Storage Container:* E	State Waste Code:				
			Nitric Acid		☐	7697-37-2									
					☐										
8	4/D	Corrosive Liquid, Base	Potassium Hydroxide		☐	1310-58-3	☒ waste	5	2	.25	10	☒ gallons ☐ pounds ☐ cu. feet ☐ tons	☒ ambient ☐ > amb. ☐ < amb.	☒ ambient ☐ > amb. ☐ < amb. ☐ cryogenic	☐ fire ☐ reactive ☐ pressure release ☒ acute health ☐ chronic health ☐ radioactive
			N-Methylpyriolidone		☐	872-50-4									
		Management Method: ☒ Shipped Off-site ☐ Recycled On-site ☐ Treated On-site	2-(2-Aminoethoxy) Ethanol		☐	929-06-6	☐ solid ☒ liquid ☐ gas	Curies: (If radioactive)	Days On Site: 90	Storage Container:* E	State Waste Code:				
					☐										
					☐										
4.1	4/D	Flammable Solid	Isopropyl Alcohol		☐	67-63-0	☒ waste	100	100	100	400	☐ gallons ☒ pounds ☐ cu. feet ☐ tons	☒ ambient ☐ > amb. ☐ < amb.	☒ ambient ☐ > amb. ☐ < amb. ☐ cryogenic	☒ fire ☐ reactive ☐ pressure release ☒ acute health ☐ chronic health ☐ radioactive
			2-Butanone		☐	78-93-3									
		Management Method: ☐ Shipped Off-site ☐ Recycled On-site ☐ Treated On-site	Cyclohexanone		☐	108-94-1	☒ solid ☐ liquid ☐ gas	Curies: (If radioactive)	Days On Site: 90	Storage Container:* D	State Waste Code:				
			n-butyl acetate		☐	123-86-4									
			PGMEA		☐	108-65-6									
			e		☐		☐ waste					☐ gallons ☐ pounds ☐ cu. feet ☐ tons	☐ ambient ☐ > amb. ☐ < amb.	☐ ambient ☐ > amb. ☐ < amb. ☐ cryogenic	☐ fire ☐ reactive ☐ pressure release ☐ acute health ☐ chronic hea* ☐ radioactiv
					☐										
		Management Method: ☐ Shipped Off-site ☐ Recycled On-site ☐ Treated On-site			☐		☐ solid ☐ liquid ☐ gas	Curies: (If radioactive)	Days On Site:	Storage Container:*	State Waste Code:				
					☐										
					☐										
					☐		☐ waste					☐ gallons ☐ pounds ☐ cu. feet ☐ tons	☐ ambient ☐ > amb. ☐ < amb.	☐ ambient ☐ > amb. ☐ < amb. ☐ cryogenic	☐ fire ☐ reactive ☐ pressure release ☐ acute health ☐ chronic health ☐ radioactive
					☐										
		Management Method: ☐ Shipped Off-site ☐ Recycled On-site ☐ Treated On-site			☐		☐ solid ☐ liquid ☐ gas	Curies: (If radioactive)	Days On Site:	Storage Container:*	State Waste Code:				
					☐										
					☐										
					☐		☐ waste					☐ gallons ☐ pounds ☐ cu. feet ☐ tons	☐ ambient ☐ > amb. ☐ < amb.	☐ ambient ☐ > amb. ☐ < amb. ☐ cryogenic	☐ fire ☐ reactive ☐ pressure release ☐ acute health ☐ chronic health ☐ radioactive
					☐										
		Management Method: ☐ Shipped Off-site ☐ Recycled On-site ☐ Treated On-site			☐		☐ solid ☐ liquid ☐ gas	Curies: (If radioactive)	Days On Site:	Storage Container:*	State Waste Code:				
					☐										
					☐										

* Storage Container Codes

Code	Storage Type	Code	Storage Type	Code	Storage Type	Code	Storage Type	Code	Storage Type	Code	Storage Type
A	Aboveground Tank	D	Steel Drum	G	Carboy	J	Bag	M	Glass Bottle or Jug	P	Tank Wagon
B	Belowground Tank	E	Plastic/Nonmetallic Drum	H	Silo	K	Box	N	Plastic Bottle or Jug	Q	Rail Car
C	Tank Inside Building	F	Can	I	Fiber Drum	L	Cylinder	O	Tote Bin	R	Other

If EPCRA, sign below:

UNIFIED PROGRAM CONSOLIDATED FORM
FACILITY INFORMATION

BUSINESS ACTIVITIES

I. FACILITY IDENTIFICATION

FACILITY ID # *(Agency Use Only)*	1.	EPA ID # (Hazardous Waste Only)	2.

BUSINESS NAME (Same as Facility Name or DBA - Doing Business As) 3.

SanDisk Corporation

AUG 0 1 2006
MILPITAS
FIRE PREVENTION

II. ACTIVITIES DECLARATION

NOTE: If you check YES to any part of this list, please submit the Business Owner/Operator Identification page (OES Form 2730).

Does your facility...	If Yes, please complete these pages of the UPCF...	
A. HAZARDOUS MATERIALS		
Have on site (for any purpose) hazardous materials at or above 55 gallons for liquids, 500 pounds for solids, or 200 cubic feet for compressed gases (include liquids in ASTs and USTs); or the applicable Federal threshold quantity for an extremely hazardous substance specified in 40 CFR Part 355, Appendix A or B; or handle radiological materials in quantities for which an emergency plan is required pursuant to 10 CFR Parts 30, 40 or 70?	☒ YES ☐ NO 4.	HAZARDOUS MATERIALS INVENTORY – CHEMICAL DESCRIPTION (OES 2731)
B. UNDERGROUND STORAGE TANKS (USTs)		UST FACILITY (Formerly SWRCB Form A) UST TANK (one page per tank) (Formerly Form B)
1. Own or operate underground storage tanks?	☐ YES ☒ NO 5.	
2. Intend to upgrade existing or install new USTs?	☐ YES ☒ NO 6.	UST FACILITY UST TANK (one per tank) UST INSTALLATION - CERTIFICATE OF COMPLIANCE (one page per tank) (Formerly Form C)
3. Need to report closing a UST?	☐ YES ☒ NO 7.	UST TANK (closure portion – one page per tank)
ABOVE GROUND PETROLEUM STORAGE TANKS (ASTs) Own or operate ASTs above these thresholds: ---any tank capacity is greater than 660 gallons, or ---the total capacity for the facility is greater than 1,320 gallons?	☒ YES ☐ NO 8.	NO FORM REQUIRED TO CUPAs
D. HAZARDOUS WASTE		
1. Generate hazardous waste?	☐ YES ☒ NO 9.	EPA ID NUMBER – provide at the top of this page
2. Recycle more than 100 kg/month of excluded or exempted recyclable materials (per HSC §25143.2)?	☐ YES ☒ NO 10.	RECYCLABLE MATERIALS REPORT (one per recycler)
3. Treat hazardous waste on site?	☐ YES ☒ NO 11.	ONSITE HAZARDOUS WASTE TREATMENT – FACILITY (Formerly DTSC Forms 1772) ONSITE HAZARDOUS WASTE TREATMENT – UNIT (one page per unit) (Formerly DTSC Forms 1772 A,B,C,D and L)
4. Treatment subject to financial assurance requirements (for Permit by Rule and Conditional Authorization)?	☐ YES ☒ NO 12.	CERTIFICATION OF FINANCIAL ASSURANCE (Formerly DTSC Form 1232)
5. Consolidate hazardous waste generated at a remote site?	☐ YES ☒ NO 13.	REMOTE WASTE / CONSOLIDATION SITE ANNUAL NOTIFICATION (Formerly DTSC Form 1196)
6. Need to report the closure/removal of a tank that was classified as hazardous waste and cleaned onsite?	☐ YES ☒ NO 14.	HAZARDOUS WASTE TANK CLOSURE CERTIFICATION (Formerly DTSC Form 1249)

E. LOCAL REQUIREMENTS 15.

(You may also be required to provide additional information by your CUPA or local agency.)

UNIFIED PROGRAM CONSOLIDATED FORM

FACILITY INFORMATION

BUSINESS OWNER/OPERATOR IDENTIFICATION

I. IDENTIFICATION

FACILITY ID # (Agency Use Only)	1.	BEGINNING DATE 100.	ENDING DATE 101.
		06/30/06	06/30/07

BUSINESS NAME (Same as FACILITY NAME or DBA – Doing Business As) 3.	BUSINESS PHONE 102.
SanDisk Corporation	408-801-1000

BUSINESS SITE ADDRESS 103.		
601 McCarthy Boulevard		
CITY 104.		ZIP CODE 105.
Milpitas	CA	95035
DUN & BRADSTREET 106.		SIC CODE (4 digit #) 107.
36-240-70-41		3674
COUNTY 108.		
Santa Clara		
BUSINESS OPERATOR NAME 109.		BUSINESS OPERATOR PHONE 110.
SanDisk Corporation		408-801-1000

II. BUSINESS OWNER

OWNER NAME 111.	OWNER PHONE 112.
SanDisk Corporation	408-801-1000
OWNER MAILING ADDRESS 113.	
601 McCarthy Boulevard	

CITY 114.	STATE 115.	ZIP CODE 116.
Milpitas	CA	95035

III. ENVIRONMENTAL CONTACT

NTACT NAME 117.	CONTACT PHONE 118.
chard Welch	(408) 542-0597
TACT MAILING ADDRESS 119.	
601 McCarthy Boulevard	

CITY 120.	STATE 121.	ZIP CODE 122.
Milpitas	CA	95035

IV. EMERGENCY CONTACTS

-PRIMARY-	-SECONDARY-
NAME 123.	NAME 128.
Richard Welch	Adony Beniares
TITLE 124.	TITLE 129.
EH&S Manager	Sr. Mgr., Site Services
BUSINESS PHONE 125.	BUSINESS PHONE 130.
408-542-0597	(408) 801-1883
24-HOUR PHONE* 126.	24-HOUR PHONE* 131.
408-590-5260	(408) 667-3978
PAGER # 127.	PAGER # 132.
N/A	N/A

ADDITIONAL LOCALLY COLLECTED INFORMATION: 133.

Property Owner: _Peery-Arrillaga_____ Phone No.: ____408-980-0130_____

Billing Address: 2560 Mission College Blvd.,Suite 101, Santa Clara, CA 95054

Certification: Based on my inquiry of those individuals responsible for obtaining the information, I certify under penalty of law that I have personally examined and familiar with the information submitted and believe the information is true, accurate, and complete.

NATURE OF OWNER/OPERATOR OR DESIGNATED REPRESENTATIVE	DATE 134.	NAME OF DOCUMENT PREPARER 135.
M-R	8/1/6	Jason Ellis, EQRM
E OF SIGNER (print) 136.	TITLE OF SIGNER	137.
Adony Beniares	Sr. Mgr. Site Services	

* See Instructions on next page.

Date: 06/29/00

Non-Waste Hazardous . .erials Inventory Statement

For use by Unidocs Member Agencies or where approved by your Local Jurisdiction

Business Name: SanDisk, Inc. (Same as Facility Name or DBA)

Type of Report on This Page: ☐ Add; ☐ Delete; ☐ Revise

Page 1 of 1 (One page per building or area)

Chemical Location: 601 McCarthy Blvd. (Building/Storage Area)

EPCRA Confidential Location? ☐ Yes; ☒ No
Trade Secret Information? ☐ Yes; ☒ No

Facility ID # (Agency Use Only)

1. Haz. Class	2. Map and Grid or Location Code	3. Common Name	4. Hazardous Components (For mixtures only) Chemical Name	% Wt.	EHS	CAS No.	5. Type and Physical State	6. Quantities Max. Daily	Average Daily	Largest Cont.	7. Units	8. Storage Codes Storage Pressure	Storage Temp.	9. Hazard Categories
3	A/0.5	Diesel Fuel	Diesel Fuel	100	☐	68476-34-6	☐ pure ☐ mixture	2500	2500	2000	☒ gallons ☐ pounds ☐ cu. feet ☐ tons	☒ ambient ☐ > amb. ☐ < amb.	☒ ambient ☐ > amb. ☐ < amb. ☐ cryogenic	☒ fire ☐ reactive ☐ pressure release ☒ acute health ☐ chronic he ☐ radioactive
		CAS No.: 68476-34-6 ☐ EHS					☐ solid ☐ liquid ☐ gas	Curies: (If radioactive)	Days On Site: 365	Storage Container:* A				
8	M/2.5	Lead / Acid Batteries	Sulfuric Acid	22	☐	7664-93-9	☐ pure ☒ mixture	24,320	24,320	76	☐ gallons ☒ pounds ☐ cu. feet ☐ tons	☒ ambient ☐ > amb. ☐ < amb.	☒ ambient ☐ > amb. ☐ < amb. ☐ cryogenic	☒ fire ☒ reactive ☐ pressure release ☒ acute health ☐ chronic health ☐ radioactive
			Lead	50	☐	7439-92-1								
			Lead Oxide / Dioxide	21	☐	1317-36-8								
		CAS No.: ☐ EHS					☐ solid ☐ liquid ☐ gas	Curies: (If radioactive)	Days On Site:	Storage Container:* R				
					☐		☐ pure ☐ mixture				☐ gallons ☐ pounds ☐ cu. feet ☐ tons	☐ ambient ☐ > amb. ☐ < amb.	☐ ambient ☐ > amb. ☐ < amb. ☐ cryogenic	☐ fire ☐ reactive ☐ pressure release ☐ acute health ☐ chronic health ☐ radioactive
		CAS No.: ☐ EHS					☐ solid ☐ liquid ☐ gas	Curies: (If radioactive)	Days On Site:	Storage Container:*				
					☐		☐ pure ☐ mixture				☐ gallons ☐ pounds ☐ cu. feet ☐ tons	☐ ambient ☐ > amb. ☐ < amb.	☐ ambient ☐ > amb. ☐ < amb. ☐ cryogenic	☐ fire ☐ reactive ☐ pressure release ☐ acute health ☐ chronic health ☐ radioactive
		CAS No.: ☐ EHS					☐ solid ☐ liquid ☐ gas	Curies: (If radioactive)	Days On Site:	Storage Container:*				
					☐		☐ pure ☐ mixture				☐ gallons ☐ pounds ☐ cu. feet ☐ tons	☐ ambient ☐ > amb. ☐ < amb.	☐ ambient ☐ > amb. ☐ < amb. ☐ cryogenic	☐ fire ☐ reactive ☐ pressure release ☐ acute health ☐ chronic health ☐ radioactive
		CAS No.: ☐ EHS					☐ solid ☐ liquid ☐ gas	Curies: (If radioactive)	Days On Site:	Storage Container:*				
					☐		☐ pure ☐ mixture				☐ gallons ☐ pounds ☐ cu. feet ☐ tons	☐ ambient ☐ > amb. ☐ < amb.	☐ ambient ☐ > amb. ☐ < amb. ☐ cryogenic	☐ fire ☐ reactive ☐ pressure release ☐ acute health ☐ chronic health ☐ radioactive
		CAS No.: ☐ EHS					☐ solid ☐ liquid ☐ gas	Curies: (If radioactive)	Days On Site:	Storage Container:*				

* Code Storage Type

Code	Storage Type	Code	Storage Type	Code	Storage Type	Code	Storage Type	Code	Storage Type	Code	Storage Type
A	Aboveground Tank	D	Steel Drum	G	Carboy	J	Bag	M	Glass Bottle or Jug	P	Tank Wagon
B	Belowground Tank	E	Plastic/Non-metallic Drum	H	Silo	K	Box	N	Plastic Bottle or Jug	Q	Rail Car
C	Tank Inside Building	F	Can	I	Fiber Drum	L	Cylinder	O	Tote Bin	R	Other

If EPCRA, sign below:

_____

Date: 06/29/06

Hazardous Waste Inventory Statement

For use by Unidocs Member Agencies or where approved by your Local Jurisdiction

Business Name: SanDisk, Inc.
(Same as Facility Name or DBA)

Type of Report on This Page: ☐ Add; ☐ Delete; ☐ Revise

Page 1 of 1 (One page per building or area)

Chemical Location: 601 McCarthy Blvd.
(Building/Storage Area)

EPCRA Confidential Location? ☐ Yes; ☒ No
Trade Secret Information? ☐ Yes; ☒ No

Facility ID # (Agency Use Only) _____ - _____ - _____

1. Haz. Class	2. Map and Grid or Location Code	3. Waste Stream Name	4. Hazardous Components: Chemical Name	% Wt.	EHS	CAS No.	5. Type and Physical State	6. Quantities: Max. Daily	Average Daily	Largest Cont.	7. Annual Waste Amount	8. Units	9. Storage Codes: Storage Pressure	Storage Temp.	10. Hazard Categories
					☐		☒ waste					☐ gallons ☐ pounds ☐ cu. feet ☐ tons	☐ ambient ☐ > amb. ☐ < amb.	☐ ambient ☐ > amb. ☐ < amb. ☐ cryogenic	☐ fire ☐ reactive ☐ pressure release ☐ acute health ☐ chronic health ☐ radioactive
		Management Method: ☐ Shipped Off-site ☐ Recycled On-site ☐ Treated On-site			☐		☐ solid ☐ liquid ☐ gas	Curies: (If radioactive)	Days On Site:	Storage Container:*	State Waste Code:				
					☐		☒ waste					☐ gallons ☐ pounds ☐ cu. feet ☐ tons	☐ ambient ☐ > amb. ☐ < amb.	☐ ambient ☐ > amb. ☐ < amb. ☐ cryogenic	☐ fire ☐ reactive ☐ pressure release ☐ acute health ☐ chronic health ☐ radioactive
		Management Method: ☐ Shipped Off-site ☐ Recycled On-site ☐ Treated On-site			☐		☐ solid ☐ liquid ☐ gas	Curies: (If radioactive)	Days On Site:	Storage Container:*	State Waste Code:				
					☐		☒ waste					☐ gallons ☐ pounds ☐ cu. feet ☐ tons	☐ ambient ☐ > amb. ☐ < amb.	☐ ambient ☐ > amb. ☐ < amb. ☐ cryogenic	☐ fire ☐ reactive ☐ pressure release ☐ acute health ☐ chronic health ☐ radioactive
		Management Method: ☐ Shipped Off-site ☐ Recycled On-site ☐ Treated On-site			☐		☐ solid ☐ liquid ☐ gas	Curies: (If radioactive)	Days On Site:	Storage Container:*	State Waste Code:				
					☐		☒ waste					☐ gallons ☐ pounds ☐ cu. feet ☐ tons	☐ ambient ☐ > amb. ☐ < amb.	☐ ambient ☐ > amb. ☐ < amb. ☐ cryogenic	☐ fire ☐ reactive ☐ pressure release ☐ acute health ☐ chronic health ☐ radioactive
		Management Method: ☐ Shipped Off-site ☐ Recycled On-site ☐ Treated On-site			☐		☐ solid ☐ liquid ☐ gas	Curies: (If radioactive)	Days On Site:	Storage Container:*	State Waste Code:				
					☐		☒ waste					☐ gallons ☐ pounds ☐ cu. feet ☐ tons	☐ ambient ☐ > amb. ☐ < amb.	☐ ambient ☐ > amb. ☐ < amb. ☐ cryogenic	☐ fire ☐ reactive ☐ pressure release ☐ acute health ☐ chronic health ☐ radioactive
		Management Method: ☐ Shipped Off-site ☐ Recycled On-site ☐ Treated On-site			☐		☐ solid ☐ liquid ☐ gas	Curies: (If radioactive)	Days On Site:	Storage Container:*	State Waste Code:				
					☐		☒ waste					☐ gallons ☐ pounds ☐ cu. feet ☐ tons	☐ ambient ☐ > amb. ☐ < amb.	☐ ambient ☐ > amb. ☐ < amb. ☐ cryogenic	☐ fire ☐ reactive ☐ pressure release ☐ acute health ☐ chronic health ☐ radioactive
		Management Method: ☐ Shipped Off-site ☐ Recycled On-site ☐ Treated On-site			☐		☐ solid ☐ liquid ☐ gas	Curies: (If radioactive)	Days On Site:	Storage Container:*	State Waste Code:				

* Storage Container Codes

Code	Storage Type	Code	Storage Type	Code	Storage Type	Code	Storage Type	Code	Storage Type	Code	Storage Type
A	Aboveground Tank	D	Steel Drum	G	Carboy	J	Bag	M	Glass Bottle or Jug	P	Tank Wagon
B	Belowground Tank	E	Plastic/Nonmetallic Drum	H	Silo	K	Box	N	Plastic Bottle or Jug	Q	Rail Car
C	Tank Inside Building	F	Can	I	Fiber Drum	L	Cylinder	O	Tote Bin	R	Other

If EPCRA, sign below: _____

CLOSURE APPLICATION FOR ABOVEGROUND HAZARDOUS MATERIALS STORAGE FACILITIES

For Use by Unidocs Member Agencies or where approved by your Local Jurisdiction

Please complete and submit this form prior to the closure of any aboveground hazardous materials storage system or facility. Based on the information submitted below, and the complexity of the closure, a written Closure Plan may be required (see guidelines).

1. Facility Information: *(Note: Print or type all information.)*

RECEIVED
MAR 10 2006
MILPITAS FIRE PREVENTION

Facility Name: MAXTOR CORPORATION — Facility Phone: (408) 894-5000

Site Address: 601 McCarthy Boulevard

City: Milpitas — State: CA — Zip: 95035

Contact Name: Prennie T. Pascual — Contact Phone: (408) 894-4793

Forwarding Address: 500 McCarthy Boulevard

City: Milpitas — State: CA — Zip: 95035 — Phone No.: (408) 894-5000

Property Owner Name: Peery-Arrillaga

Property Owner Mailing Address: 2560 Mission College Boulevard, Suite 101
(If different from site address)

City: Santa Clara — State: CA — Zip: 95054 — Phone No.: (408) 980-0130

2. Closure Information:

☒ Full Facility Closure ☐ Partial Facility Closure/Remodel | Proposed Date of Closure: 03 / 15 / 06

Briefly describe the proposed closure activity. Indicate the previous use(s) of the area(s) intended to be closed and the types of chemicals used or stored in the area(s) (i.e. by submitting a copy of the Inventory Statements from your Hazardous Materials Business Plan, etc.). Include equipment, tanks, piping, exhaust and treatment systems, and the proposed final disposition of any hazardous materials and/or wastes. Attach additional pages if necessary.

The building was primarily used as an administration building but has also been vacated since December, 2002. Although the building has been non-operational, a hazardous permit however, was still required due to the onsite emergency generator which uses diesel fuel. As of March 15, 2006, Maxtor will relinquish the hazardous materials permit responsibility to SanDisk who will be the future tenants of the building.

Applicant/Agent's Name *(Print)*: Prennie T. Pascual — Title: EH&S/Security Manager

Signature of Applicant/Agent: [signature] — Date: 03 / 09 / 06

Agency Use Only

Application: ❑ approved ❑ disapproved	Closure Plan: ❑ required ❑ not required	Inspection: ❑ required ❑ not required
Fee Received: $	Receipt No.:	Date: / /

Comments: Approved

Staff: [signature] Date: 3/13/06

UNIFIED PROGRAM CONSOLIDATED FORM

FACILITY INFORMATION

BUSINESS OWNER/OPERATOR IDENTIFICATION

I. IDENTIFICATION

FACILITY ID # *(Agency Use Only)*	1.	BEGINNING DATE 100.	ENDING DATE 101.
BUSINESS NAME (Same as FACILITY NAME or DBA – Doing Business As) 3. ADAC Laboratories, Inc.		BUSINESS PHONE 102. (408) 321-9100	
BUSINESS SITE ADDRESS 103. 516 Alder Drive - Bldg #3			
CITY 104. Milpitas	CA	ZIP CODE 105. 95035	
DUN & BRADSTREET 106. 05-480-5346		SIC CODE (4 digit #) 107. 3844	
COUNTY 108. Santa Clara			
BUSINESS OPERATOR NAME 109. ADAC Laboratories, Inc.		BUSINESS OPERATOR PHONE 110. (408) 321-9100	

II. BUSINESS OWNER

OWNER NAME 111.		OWNER PHONE 112.
OWNER MAILING ADDRESS 113.		
CITY 114.	STATE 115.	ZIP CODE 116.

III. ENVIRONMENTAL CONTACT

CONTACT NAME 117. Diana Garcia-EHS Engineer		CONTACT PHONE 118. 408 468-3036
CONTACT MAILING ADDRESS 119. 540 Alder Drive		
CITY 120. Milpitas	STATE 121. CA	ZIP CODE 122. 95035

IV. EMERGENCY CONTACTS

-PRIMARY-	-SECONDARY-
NAME 123. Allan Sutton	NAME 128. Paul Reda
TITLE 124. EHS Manager	TITLE 129. Facilities Director
BUSINESS PHONE 125. 408-468 -3108	BUSINESS PHONE 130. 408-468-3288
24-HOUR PHONE* 126. 408 590-5668	24-HOUR PHONE* 131. 408-590-7562
PAGER # 127. 888-926-5094	PAGER # 132.

ADDITIONAL LOCALLY COLLECTED INFORMATION: 133.

Property Owner: Phone No.:

Billing Address: _____

Peery Arrillaga

2560 Mission College Blvd. Suite#101, Santa Clara, CA 95054 (408)980-0130

Certification: Based on my inquiry of those individuals responsible for obtaining the information, I certify under penalty of law that I have personally examined and am familiar with the information submitted and believe the information is true, accurate, and complete.

SIGNATURE OF OWNER/OPERATOR OR DESIGNATED REPRESENTATIVE	DATE 134. 04/05/04	NAME OF DOCUMENT PREPARER 135. Diana Garcia
NAME OF SIGNER (print) 136. Allan Sutton	TITLE OF SIGNER 137. EHS Manager	

* See Instructions on next page.

UD-U201

UNIFIED PROGRAM CONSOLIDATED FORM
FACILITY INFORMATION
BUSINESS ACTIVITIES

I. FACILITY IDENTIFICATION

FACILITY ID # *(Agency Use Only)*	1.	EPA ID # (Hazardous Waste Only)	2.
		CAL000000197	

BUSINESS NAME (Same as Facility Name or DBA - Doing Business As) 3.

ADAC Laboratories

II. ACTIVITIES DECLARATION

NOTE: If you check YES to any part of this list, please submit the Business Owner/Operator Identification page (OES Form 2730).

Does your facility...	If Yes, please complete these pages of the UPCF...	
A. HAZARDOUS MATERIALS		
Have on site (for any purpose) hazardous materials at or above 55 gallons for liquids, 500 pounds for solids, or 200 cubic feet for compressed gases (include liquids in ASTs and USTs); or the applicable Federal threshold quantity for an extremely hazardous substance specified in 40 CFR Part 355, Appendix A or B; or handle radiological materials in quantities for which an emergency plan is required pursuant to 10 CFR Parts 30, 40 or 70?	☐ YES ☒ NO 4.	HAZARDOUS MATERIALS INVENTORY - CHEMICAL DESCRIPTION (OES 2731)
B. UNDERGROUND STORAGE TANKS (USTs)		
1. Own or operate underground storage tanks?	☐ YES ☒ NO 5.	UST FACILITY (Formerly SWRCB Form A) UST TANK (one page per tank) (Formerly Form B)
2. Intend to upgrade existing or install new USTs?	☐ YES ☒ NO 6.	UST FACILITY UST TANK (one per tank) UST INSTALLATION - CERTIFICATE OF COMPLIANCE (one page per tank) (Formerly Form C)
3. Need to report closing a UST?	☐ YES ☒ NO 7.	UST TANK (closure portion – one page per tank)
C. ABOVE GROUND PETROLEUM STORAGE TANKS (ASTs)		
Own or operate ASTs above these thresholds: ---any tank capacity is greater than 660 gallons, or ---the total capacity for the facility is greater than 1,320 gallons?	☐ YES ☒ NO 8.	NO FORM REQUIRED TO CUPAs
D. HAZARDOUS WASTE		
1. Generate hazardous waste?	☒ YES ☐ NO 9.	EPA ID NUMBER – provide at the top of this page
2. Recycle more than 100 kg/month of excluded or exempted recyclable materials (per HSC §25143.2)?	☐ YES ☒ NO 10.	RECYCLABLE MATERIALS REPORT (one per recycler)
3. Treat hazardous waste on site?	☐ YES ☒ NO 11.	ONSITE HAZARDOUS WASTE TREATMENT - FACILITY (Formerly DTSC Forms 1772) ONSITE HAZARDOUS WASTE TREATMENT – UNIT (one page per unit) (Formerly DTSC Forms 1772 A,B,C,D and L)
4. Treatment subject to financial assurance requirements (for Permit by Rule and Conditional Authorization)?	☐ YES ☒ NO 12.	CERTIFICATION OF FINANCIAL ASSURANCE (Formerly DTSC Form 1232)
5. Consolidate hazardous waste generated at a remote site?	☐ YES ☒ NO 13.	REMOTE WASTE / CONSOLIDATION SITE ANNUAL NOTIFICATION (Formerly DTSC Form 1196)
6. Need to report the closure/removal of a tank that was classified as hazardous waste and cleaned onsite?	☐ YES ☒ NO 14.	HAZARDOUS WASTE TANK CLOSURE CERTIFICATION (Formerly DTSC Form 1249)

E. LOCAL REQUIREMENTS 15.

(You may also be required to provide additional information by your CUPA or local agency.)

Date: 03/30/2004

Non-Waste Hazardous Materials Inventory Statement

For use by Unidocs Member Agencies or where approved by your Local Jurisdiction

Business Name: Philips ADAC (Same as Facility Name or DBA)

Type of Report on This Page: ☐ Add; ☐ Delete; ☒ Revise

Page 1 of 4 (One page per building or area)

Chemical Location: Bldg 3 – Sky Lab (Building/Storage Area)

EPCRA Confidential Location? ☐ Yes; ☒ No

Trade Secret Information? ☐ Yes; ☒ No

Facility ID # (Agency Use Only)

1. Haz. Class	2. Map and Grid or Location Code	3. Common Name	4. Hazardous Components (For mixtures only) Chemical Name	% Wt.	EHS	CAS No.	5. Type and Physical State	6. Quantities Max. Daily	Average Daily	Largest Cont.	7. Units	8. Storage Codes Storage Pressure	Storage Temp.	9. Hazard Categories
2.1	A	Spray Paint	Propane		☐	74-98-6	☐ pure ☐ mixture	90 oz	90 oz	10 oz	☐ gallons ☐ pounds ☐ cu. feet ☐ tons	☒ ambient ☐ > amb. ☐ < amb.	☒ ambient ☐ > amb. ☐ < amb. ☐ cryogenic	☒ fire ☐ reactive ☐ pressure release ☐ acute he… ☐ chroni… ☐ radioacti…
			Methyl Isobutyl Ketone		☐	108-10-1								
			Methyl Ethyl Ketone		☐	78-93-3	☐ solid ☐ liquid ☒ gas	Curies: (If radioactive)	Days On Site: 365	Storage Container:* F				
		CAS No.: ☐ EHS			☐									
					☐									
2.1	A	Butane Fuel	Butane Fuel		☐		☐ pure ☐ mixture	5 oz	5 oz	5 oz	☐ gallons ☐ pounds ☐ cu. feet ☐ tons	☒ ambient ☐ > amb. ☐ < amb.	☒ ambient ☐ > amb. ☐ < amb. ☐ cryogenic	☒ fire ☐ reactive ☐ pressure release ☐ acute health ☐ chronic health ☐ radioactive
					☐									
					☐		☐ solid ☐ liquid ☐ gas	Curies: (If radioactive)	Days On Site: 365	Storage Container:* F				
		CAS No.: ☐ EHS			☐									
					☐									
3	A	Isopropyl Alcohol	70% Isopropyl Alcohol	70	☐		☐ pure ☐ mixture	32 oz	32 oz	32 oz	☐ gallons ☐ pounds ☐ cu. feet ☐ tons	☒ ambient ☐ > amb. ☐ < amb.	☒ ambient ☐ > amb. ☐ < amb. ☐ cryogenic	☒ fire ☐ reactive ☐ pressure release ☐ acute health ☐ chronic health ☐ radioactive
			Water	30	☐									
					☐		☒ solid ☐ liquid ☐ gas	Curies: (If radioactive)	Days On Site: 365	Storage Container:* N				
		CAS No.: ☐ EHS			☐									
					☐									
3	A	Rosin Flux	Ethanol		☐	64-17-5	☐ pure ☐ mixture	1 liter	1 liter	1 liter	☐ gallons ☐ pounds ☐ cu. feet ☐ tons	☒ ambient ☐ > amb. ☐ < amb.	☒ ambient ☐ > amb. ☐ < amb. ☐ cryogenic	☒ fire ☐ reactive ☐ pressure release ☐ acute health ☐ chronic health ☐ radioactive
			Butanol		☐	78-92-2								
			Modified Rosin		☐	8050-0907	☐ solid ☒ liquid ☐ gas	Curies: (If radioactive)	Days On Site: 365	Storage Container:* N				
		CAS No.: ☐ EHS			☐									
					☐									
3	A	Non Acid Flux	Water Soluble Soldering Flux		☐		☐ pure ☐ mixture	1 Quart	1 Quart	1 Quart	☐ gallons ☐ pounds ☐ cu. feet ☐ tons	☒ ambient ☐ > amb. ☐ < amb.	☒ ambient ☐ > amb. ☐ < amb. ☐ cryogenic	☒ fire ☐ reactive ☐ pressure release ☐ acute health ☐ chronic health ☐ radioactive
					☐									
					☐		☒ solid ☐ liquid ☐ gas	Curies: (If radioactive)	Days On Site: 365	Storage Container:* N				
		CAS No.: ☐ EHS			☐									
					☐									
	A	A-Side 314 Resin	A Side 314 Resin		☐		☐ pure ☐ mixture	1	1	1	☒ gallons ☐ pounds ☐ cu. feet ☐ tons	☒ ambient ☐ > amb. ☐ < amb.	☒ ambient ☐ > amb. ☐ < amb. ☐ cryogenic	☐ fire ☐ reactive ☐ pressure release ☐ acute health ☐ chronic health ☐ radioactive
					☐									
					☐		☒ solid ☐ liquid ☐ gas	Curies: (If radioactive)	Days On Site: 365	Storage Container:* N				
		CAS No.: ☐ EHS			☐									
					☐									

* Storage Container Codes

Code	Storage Type	Code	Storage Type	Code	Storage Type	Code	Storage Type	Code	Storage Type	Code	Storage Type
A	Aboveground Tank	D	Steel Drum	G	Carboy	J	Bag	M	Glass Bottle or Jug	P	Tank Wagon
B	Belowground Tank	E	Plastic/Non-metallic Drum	H	Silo	K	Box	N	Plastic Bottle or Jug	Q	Rail Car
C	Tank Inside Building	F	Can	I	Fiber Drum	L	Cylinder	O	Tote Bin	R	Other

If EPCRA, sign below:

_____

Date: 03/30/2004

Non-Waste Hazardous Materials Inventory Statement

For use by Unidocs Member Agencies or where approved by your Local Jurisdiction

Business Name: Philips ADAC (Same as Facility Name or DBA)

Type of Report on This Page: ☐ Add; ☐ Delete; ☒ Revise

Chemical Location: Bldg 3 – Sky Lab (Building/Storage Area)

EPCRA Confidential Location? ☐ Yes; ☒ No

Trade Secret Information? ☐ Yes; ☒ No

Facility ID # (Agency Use Only)

1. Haz. Class	2. Map and Grid or Location Code	3. Common Name	4. Hazardous Components (For mixtures only) Chemical Name	% Wt.	EHS	CAS No.	5. Type and Physical State	6. Quantities Max. Daily	Average Daily	Largest Cont.	7. Units	8. Storage Codes Storage Pressure	Storage Temp.	9. Hazard Categories
	A	B-Side Hardener	B-Side Hardener		☐		☐ pure ☐ mixture	64 oz	64 oz	64 oz	☐ gallons ☐ pounds ☐ cu. feet ☐ tons	☒ ambient ☐ > amb. ☐ < amb.	☒ ambient ☐ > amb. ☐ < amb. ☐ cryogenic	☐ fire ☐ reactive ☐ pressure ☐ acute he ☐ chronic health ☐ radioactive
		CAS No.: ☐ EHS			☐		☐ solid ☐ liquid ☐ gas	Curies: (If radioactive)	Days On Site: 365	Storage Container:*				
3	A	DAP Contact Cement	Petroleum Naptha		☐		☐ pure ☐ mixture	32 oz	32 oz	32 oz	☐ gallons ☐ pounds ☐ cu. feet ☐ tons	☒ ambient ☐ > amb. ☐ < amb.	☒ ambient ☐ > amb. ☐ < amb. ☐ cryogenic	☒ fire ☐ reactive ☐ pressure release ☐ acute health ☐ chronic health ☐ radioactive
			Methyl Ethyl Ketone		☐									
			Toluene		☐		☒ solid ☒ liquid ☐ gas	Curies: (If radioactive)	Days On Site: 365	Storage Container:*				
		CAS No.: ☐ EHS			☐									
	A	Elmers Carpenters Glue	Carpenter's Wood Glue		☐		☐ pure ☐ mixture	2 gal	2 gal	2 gal	☒ gallons ☐ pounds ☐ cu. feet ☐ tons	☒ ambient ☐ > amb. ☐ < amb.	☒ ambient ☐ > amb. ☐ < amb. ☐ cryogenic	☐ fire ☐ reactive ☐ pressure release ☐ acute health ☐ chronic health ☐ radioactive
		CAS No.: ☐ EHS			☐		☒ solid ☐ liquid ☐ gas	Curies: (If radioactive)	Days On Site: 365	Storage Container:*				
3	A	Metal Primer	Metal Primer		☐		☐ pure ☐ mixture	1 gal	1 gal	1 gal	☒ gallons ☐ pounds ☐ cu. feet ☐ tons	☒ ambient ☐ > amb. ☐ < amb.	☒ ambient ☐ > amb. ☐ < amb. ☐ cryogenic	☒ fire ☐ reactive ☐ pressure release ☐ acute health ☐ chronic health ☐ radioac
		CAS No.: ☐ EHS			☐		☐ solid ☒ liquid ☐ gas	Curies: (If radioactive)	Days On Site: 365	Storage Container:*				
8	A	Rust Mort	Phosphoric Acid	75	☐	7664-38-2	☐ pure ☐ mixture	1 gal	1 gal	1 gal	☒ gallons ☐ pounds ☐ cu. feet ☐ tons	☒ ambient ☐ > amb. ☐ < amb.	☒ ambient ☐ > amb. ☐ < amb. ☐ cryogenic	☐ fire ☐ reactive ☐ pressure release ☐ acute health ☐ chronic health ☐ radioactive
			Chromic Acetone		☐	39430-51-8								
			Isopropanol		☐	67-63-0	☐ solid ☐ liquid ☐ gas	Curies: (If radioactive)	Days On Site: 365	Storage Container:*				
		CAS No.: ☐ EHS	Water		☐									
3	A	Spindle Oil	Petroleum Hydrocarbons		☐		☐ pure ☐ mixture	1 gal	1 gal	1 gal	☒ gallons ☐ pounds ☐ cu. feet ☐ tons	☒ ambient ☐ > amb. ☐ < amb.	☒ ambient ☐ > amb. ☐ < amb. ☐ cryogenic	☐ fire ☐ reactive ☐ pressure release ☐ acute health ☐ chronic health ☐ radioactive
		CAS No.: ☐ EHS			☐		☐ solid ☐ liquid ☐ gas	Curies: (If radioactive)	Days On Site: 365	Storage Container:*				

* Storage Container Codes

Code	Storage Type	Code	Storage Type	Code	Storage Type	Code	Storage Type	Code	Storage Type	Code	Storage Type
A	Aboveground Tank	D	Steel Drum	G	Carboy	J	Bag	M	Glass Bottle or Jug	P	Tank Wagon
B	Belowground Tank	E	Plastic/Non-metallic Drum	H	Silo	K	Box	N	Plastic Bottle or Jug	Q	Rail Car
C	Tank Inside Building	F	Can	I	Fiber Drum	L	Cylinder	O	Tote Bin	R	Other

If EPCRA, sign below:

_____

Date: 03/30/2004

Non-Waste Hazardous Materials Inventory Statement

For use by Unidocs Member Agencies or where approved by your Local Jurisdiction

Business Name: Philips ADAC (Same as Facility Name or DBA)

Type of Report on This Page: ☐ Add; ☐ Delete; ☒ Revise

Page 3 of 4 (One page per building or area)

Chemical Location: Bldg 3 – Sky Lab (Building/Storage Area)

EPCRA Confidential Location? ☐ Yes; ☒ No
Trade Secret Information? ☐ Yes; ☒ No

Facility ID # (Agency Use Only)

1. Haz. Class	2. Map and Grid or Location Code	3. Common Name	4. Hazardous Components (For mixtures only) Chemical Name	% Wt.	EHS	CAS No.	5. Type and Physical State	6. Quantities Max. Daily	Average Daily	Largest Cont.	7. Units	8. Storage Codes Storage Pressure	Storage Temp.	9. Hazard Categories
3	A	Way Lube – Heavy	Petroleum Hydrocarbons		☐		☐ pure ☐ mixture	1 gal	1 gal	1 gal	☒ gallons ☐ pounds ☐ cu. feet ☐ tons	☒ ambient ☐ > amb. ☐ < amb.	☒ ambient ☐ > amb. ☐ < amb. ☐ cryogenic	☐ fire ☐ reactive ☐ pressure release ☐ acute he… ☐ chroni… ☐ radioacti…
		CAS No.: ☐ EHS					☐ solid ☐ liquid ☐ gas	Curies: (If radioactive)	Days On Site: 365	Storage Container:*				
3	A	Synthetic Teressitic	Synthetic Teressitic Shp 100		☐		☐ pure ☐ mixture	10 gal	10 gal	5 gal	☒ gallons ☐ pounds ☐ cu. feet ☐ tons	☒ ambient ☐ > amb. ☐ < amb.	☒ ambient ☐ > amb. ☐ < amb. ☐ cryogenic	☐ fire ☐ reactive ☐ pressure release ☐ acute health ☐ chronic health ☐ radioactive
		CAS No.: ☐ EHS 68037-01-04					☐ solid ☐ liquid ☐ gas	Curies: (If radioactive)	Days On Site: 365	Storage Container:*				
3	A	Synthetic Gear & Bearing Oil	Synthetic Gear & Bearing Oil		☐		☐ pure ☐ mixture	2 qt	2 qt	1 qt	☐ gallons ☐ pounds ☐ cu. feet ☐ tons	☒ ambient ☐ > amb. ☐ < amb.	☒ ambient ☐ > amb. ☐ < amb. ☐ cryogenic	☐ fire ☐ reactive ☐ pressure release ☐ acute health ☐ chronic health ☐ radioactive
		CAS No.: ☐ EHS					☐ solid ☐ liquid ☐ gas	Curies: (If radioactive)	Days On Site: 365	Storage Container:*				
7	A	Various Radioactive Sources	Various Radioactive Sources		☐		☐ pure ☐ mixture	~~400~~ 2	~~400~~ 2		☐ gallons ☒ pounds ☐ cu. feet ☐ tons	☐ ambient ☐ > amb. ☐ < amb.	☐ ambient ☐ > amb. ☐ < amb. ☐ cryogenic	☐ fire ☐ reactive ☐ pressure release ☐ acute health ☐ chronic health ☐ radioactive
		CAS No.: ☐ EHS					☐ solid ☐ liquid ☐ gas	Curies: (If radioactive) mCi ~~400~~	Days On Site: 365	Storage Container:*				
2	A	Argon	Argon		☐		☐ pure ☐ mixture	140	140	140	☐ gallons ☐ pounds ☒ cu. feet ☐ tons	☒ ambient ☐ > amb. ☐ < amb.	☒ ambient ☐ > amb. ☐ < amb. ☐ cryogenic	☐ fire ☐ reactive ☐ pressure release ☐ acute health ☐ chronic health ☐ radioactive
		CAS No.: ☐ EHS					☐ solid ☐ liquid ☐ gas	Curies: (If radioactive)	Days On Site: 365	Storage Container:* L				
2.2	A	Oxygen	Oxygen		☐		☐ pure ☐ mixture	15	15	15	☐ gallons ☐ pounds ☒ cu. feet ☐ tons	☒ ambient ☐ > amb. ☐ < amb.	☒ ambient ☐ > amb. ☐ < amb. ☐ cryogenic	☐ fire ☐ reactive ☐ pressure release ☐ acute health ☐ chronic health ☐ radioactive
		CAS No.: ☐ EHS					☐ solid ☐ liquid ☐ gas	Curies: (If radioactive)	Days On Site: 365	Storage Container:* L				

* Storage Container Codes

Code	Storage Type	Code	Storage Type	Code	Storage Type	Code	Storage Type	Code	Storage Type	Code	Storage Type
A	Aboveground Tank	D	Steel Drum	G	Carboy	J	Bag	M	Glass Bottle or Jug	P	Tank Wagon
B	Belowground Tank	E	Plastic/Non-metallic Drum	H	Silo	K	Box	N	Plastic Bottle or Jug	Q	Rail Car
C	Tank Inside Building	F	Can	I	Fiber Drum	L	Cylinder	O	Tote Bin	R	Other

If EPCRA, sign below:

_____

Date: 03/30/2004

Non-Waste Hazardous M. erials Inventory Statement

For use by Unidocs Member Agencies or where approved by your Local Jurisdiction

Business Name: Philips ADAC
(Same as Facility Name or DBA)

Type of Report on This Page: ☐ Add; ☐ Delete; ☒ Revise

Page 4 of 4
(One page per building or area)

Chemical Location: Bldg 3 – Sky Lab
(Building/Storage Area)

EPCRA Confidential Location? ☐ Yes; ☒ No
Trade Secret Information? ☐ Yes; ☒ No

Facility ID # (Agency Use Only)

1. Haz. Class	2. Map and Grid or Location Code	3. Common Name	4. Hazardous Components (For mixtures only) Chemical Name	% Wt.	EHS	CAS No.	5. Type and Physical State	6. Quantities Max. Daily	Average Daily	Largest Cont.	7. Units	8. Storage Codes Storage Pressure	Storage Temp.	9. Hazard Categories
2.1	A	Acetylene	Acetylene		☐	74-86-2	☐ pure ☐ mixture	8	8	8	☐ gallons ☐ pounds ☒ cu. feet ☐ tons	☒ ambient ☐ > amb. ☐ < amb.	☒ ambient ☐ > amb. ☐ < amb. ☐ cryogenic	☒ fire ☐ reactive ☐ pressure release ☐ acute hea[illegible] ☐ chronic ☐ radioacti[illegible]
		CAS No.: 74-86-2			☐ EHS		☐ solid ☐ liquid ☒ gas	Curies: (If radioactive)	Days On Site: 365	Storage Container:* L				
		CAS No.:			☐ EHS		☐ pure ☐ mixture ☐ solid ☐ liquid ☐ gas	Curies: (If radioactive)	Days On Site:	Storage Container:*	☐ gallons ☐ pounds ☐ cu. feet ☐ tons	☐ ambient ☐ > amb. ☐ < amb.	☐ ambient ☐ > amb. ☐ < amb. ☐ cryogenic	☐ fire ☐ reactive ☐ pressure release ☐ acute health ☐ chronic health ☐ radioactive
		CAS No.:			☐ EHS		☐ pure ☐ mixture ☐ solid ☐ liquid ☐ gas	Curies: (If radioactive)	Days On Site:	Storage Container:*	☐ gallons ☐ pounds ☐ cu. feet ☐ tons	☐ ambient ☐ > amb. ☐ < amb.	☐ ambient ☐ > amb. ☐ < amb. ☐ cryogenic	☐ fire ☐ reactive ☐ pressure release ☐ acute health ☐ chronic health ☐ radioactive
		CAS No.:			☐ EHS		☐ pure ☐ mixture ☐ solid ☐ liquid ☐ gas	Curies: (If radioactive)	Days On Site:	Storage Container:*	☒ gallons ☐ pounds ☐ cu. feet ☐ tons	☐ ambient ☐ > amb. ☐ < amb.	☐ ambient ☐ > amb. ☐ < amb. ☐ cryogenic	☐ fire ☐ reactive ☐ pressure release ☐ acute health ☐ chronic health ☐ radioactive
		CAS No.:			☐ EHS		☐ pure ☐ mixture ☐ solid ☐ liquid ☐ gas	Curies: (If radioactive)	Days On Site:	Storage Container:*	☐ gallons ☐ pounds ☐ cu. feet ☐ tons	☐ ambient ☐ > amb. ☐ < amb.	☐ ambient ☐ > amb. ☐ < amb. ☐ cryogenic	☐ fire ☐ reactive ☐ pressure release ☐ acute health ☐ chronic health ☐ radioactive
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* Storage Container:

Code	Storage Type	Code	Storage Type	Code	Storage Type	Code	Storage Type	Code	Storage Type	Code	Storage Type
A	Aboveground Tank	D	Steel Drum	G	Carboy	J	Bag	M	Glass Bottle or Jug	P	Tank Wagon
B	Belowground Tank	E	Plastic/Non-metallic Drum	H	Silo	K	Box	N	Plastic Bottle or Jug	Q	Rail Car
C	Tank Inside Building	F	Can	I	Fiber Drum	L	Cylinder	O	Tote Bin	R	Other

If EPCRA, sign below:

_____

MILPITAS FIRE DEPARTMENT
HAZARDOUS MATERIALS & ENVIRONMENTAL SERVICES UNIT
HAZARDOUS MATERIALS INSPECTION REPORT
CALIFORNIA FIRE CODE, 2001
MILPITAS MUNICIPAL CODE, TITLE V, CHAPTER 300

Fire Department Number
86-0369

Inspection Date 03/31/06

PHILLIPS ADAC
00516 Alder Dr
Milpitas, Ca 95035

Al Sutton (408) 321 - 3036 ext.
Contact Phone Number

Permitted Activities:

HM	RA										

MRI	KX	EL	FA	HS	HD	OS	SS
			X				X

The Milpitas Fire Department conducted a Hazardous Materials inspection at the above address. This notice identifies code violations and the minimum requirements necessary to comply. Items marked with an "X" below will require your attention to come into compliance. Additional information may be written on this notice by the Inspector to provide you with direction for compliance.

Date Abated

- [X] 1. Storage cabinets for flammable or combustible liquids shall have well fitted, self closing doors with a latching device; labeled "FLAMMABLE-KEEP FIRE AWAY"; bottom 2 inches liquid tight. [~~CFC 7902.5.9.3~~] → 510 ALDER ALSO
- [ ] 2. All flammable and combustible liquids in excess of maintenance and work station amounts (10 gallons) shall be located in an approved storage cabinet. Volumes stored shall not exceed those permitted by the Fire Code. [CFC 7902.5.8]
- [ ] 3. Empty tanks and containers previously used for flammable and combustible liquids unless free from explosive vapors, shall be stored as full with cover or plugs in place. [CFC 7902.5.3]
- [ ] 4. Storage of class I, II, or IIIA liquids shall not be near exit doorways, stairways or a location which may impede egress. [CFC 7902.5.5]
- [ ] 5. Dispensing of class I liquids is only allowed from approved safety cans or original containers. [CFC 7903.1.3.5]
- [ ] 6. Class IA flammable liquids shall not be dispensed by gravity from tanks. [CFC 7903.1.3.5]
- [ ] 7. When a flammable mixture is transferred from one container to another one shall be grounded. Piping systems shall be permanently grounded. [CFC 7903.2.1.3]
- [ ] 8. Storage cabinets for hazardous materials liquids shall have well fitted, self closing doors equipped with a self latching device; bottom 2 inches liquid tight and labeled "HAZARDOUS-KEEP FIRE AWAY". [CFC 8001.10.6.2]
- [ ] 9. Secondary containment is required for areas where hazardous materials are stored. [CFC 8001.11.11 as amended by MMC V-300-2.81]
- [ ] 10. Individual storage areas shall have dedicated drainage to prevent mixing of incompatible materials. [CFC 8003.1.3.3]
- [ ] 11. Containers previously containing a regulated material shall not be used to store a different material unless container is cleaned in an approved manner and properly labeled for new contents. [CFC 8001.4.6]
- [ ] 12. All containers in storage shall be arranged in an approved manner, non-compatibles separated (flammables, corrosives, oxidizers, etc.). [CFC 8001.11.8]
- [ ] 13. Signs prohibiting smoking shall be provided in storage areas and within 25 feet of outdoor storage areas. [CFC 8001.8; 8003.1.2]
- [ ] 14. Gas cylinders shall be properly identified, located, and secured. [CFC 7401.5.1; 7401.6.4]
- [ ] 15. Empty containers and tanks previously used for the storage of hazardous materials shall be free from residual materials and vapor as defined by DOT, RCRA or other regulating authority or maintained as specified for the storage of hazardous materials. [CFC 8001.4.6]
- [ ] 16. Open flames & high-temperature devices shall not be used in a manner which creates a hazardous condition. [CFC 8001.9]

570 ALDER — URGENT

Fire Department Number 86-0369

- [x] 17. Material Safety Data Sheets (MSDS) shall be available at the facility for all materials present. [CFC 8001.6]
- [ ] 18. All regulated material waste shall be disposed of in an approved manner. Hazardous materials shall not be released into the sewer, storm drain, ditch, drainage canal, lake, river, or tidal waterway, or upon the ground, sidewalk, street, highway or into the atmosphere. [CFC 8001.5.1]
- [ ] 19. Individual containers, cartons, packages shall be conspicuously marked or labeled in accordance with nationally recognized standards. [CFC 8001.8]
- [ ] 20. Entrances to areas where hazardous materials are stored, and stationary above ground tanks shall be placarded with NFPA 704 Hazard Signal System for the material(s) contained. [CFC 8001.7 , 8003.1.2]
- [ ] 21. All above ground piping shall be properly secured and labeled identifying product and direction of flow every 20 feet. [CFC 8001.4.3.2 as amended by MMC-V-300-2.52]
- [ ] 22. Process equipment shall be maintained as designed to prevent accidental discharge of hazardous materials. [CFC 8001.4.7.1]
- [ ] 23. A (revised) Hazardous Materials Business Plan shall be submitted within 10 days.[CFC 8001.3.2]
- [ ] 24. A monitoring method capable of detecting hazardous material leakage from the primary containment into the secondary containment shall be provided. [CFC 8001.11.10 as amended by MMC-V-300-2.80]
- [ ] 25. Routine inspections of all hazardous materials storage areas and spills of hazardous materials shall be recorded, on a weekly basis, on a monitoring log. [CFC 8001.11.10]
- [ ] 26. All processes new to the facility shall have Fire Department approval prior to installation and use. [CFC 8001.3.1]
- [ ] 27. A permit is required to install, repair, abandon, remove, place temporarily out of service, close or substantially modify a storage facility. [CFC 8001.3.1]

ADDITIONAL VIOLATIONS:

☐ See supplemental sheet for additional violations.

ORDERS:

1. Remove Storage from Electrical Room
2. Repair Exit Signs

COMMENTS:

510 Alder — Provide 5 yr Rpt or Issue Submit to HazWaste Reg Forms or HM Registration Forms for 510 Alder (Replace)

REFERRALS:

Your facility will be referred to the following agency(s) for items noted during this inspection which are beyond the scope of this inspection:

☐ **No Hazardous Material violations were observed during the initial inspection.**

For your information: If your business handles hazardous waste, Santa Clara County Hazardous Materials Compliance Division may perform an inspection of your business. For more information, contact 918-3400.

If necessary, a 1st and 2nd re-inspection shall be conducted on or about 30 days from the initial inspection and 15 days from the 1st re-inspection respectively to determine if violation(s) noted above have been corrected and/or orders have been complied with.

Failure to comply with orders and correct violations may render you liable to the penalties as set forth by law, including, but not limited to, administrative, civil and/or criminal citations.

The Fire Department prefers compliance be obtained through the willingness of an individual to comply, and as always, remains ready to assist in this process. If you have any questions or wish to discuss this matter, please contact this office at (408) 586-3365.

Received By: W. Allen Sutter Inspector:

Milpitas Fire Department, Bureau of Fire Prevention, 455 E. Calaveras Blvd., Milpitas, CA 95035
Phone (408) 586-3365 FAX (408) 586-3378

Distribution: WHITE - Fire Department Address File
YELLOW - Business Responsible

MILPITAS FIRE DEPARTMENT
HAZARDOUS MATERIALS & ENVIRONMENTAL SERVICES UNIT
HAZARDOUS MATERIALS INSPECTION REPORT
CALIFORNIA FIRE CODE, 2001
MILPITAS MUNICIPAL CODE, TITLE V, CHAPTER 300

Fire Department Number
01-0140

Inspection Date 02/07/06

CISCO SYSTEMS, INC. (BLDG. 24)
00510 N Mc Carthy Blvd
Milpitas, Ca 95035

Lance Lougee (408) 525- - 1921 ext.
Contact Phone Number

Permitted Activities:

HM											

MRI	KX	EL	FA	HS	HD	OS	SS
		EL				OS	SS

The Milpitas Fire Department conducted a Hazardous Materials inspection at the above address. This notice identifies code violations and the minimum requirements necessary to comply. Items marked with an "X" below will require your attention to come into compliance. Additional information may be written on this notice by the Inspector to provide you with direction for compliance.

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Fire Department Number 01-0140

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☐ 26. All processes new to the facility shall have Fire Department approval prior to installation and use. [CFC 8001.3.1]

☐ 27. A permit is required to install, repair, abandon, remove, place temporarily out of service, close or substantially modify a storage facility. [CFC 8001.3.1]

ADDITIONAL VIOLATIONS:

☐ See supplemental sheet for additional violations.

ORDERS:

X 1. Service fire extinguisher on roof.

X 2. Provide copy of sprinkler system 5-year certification, quarterly alarm tests, and location of spare heads and wrench.

COMMENTS:

REFERRALS:

Your facility will be referred to the following agency(s) for items noted during this inspection which are beyond the scope of this inspection:

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The Fire Department prefers compliance be obtained through the willingness of an individual to comply, and as always, remains ready to assist in this process. If you have any questions or wish to discuss this matter, please contact this office at (408) 586-3365.

Received By: W. Kim Lynch

Inspector: [signature]

VC-K5

Milpitas Fire Department, Bureau of Fire Prevention, 455 E. Calaveras Blvd., Milpitas, CA 95035
Phone (408) 586-3365 FAX (408) 586-3578

Distribution: WHITE - Fire Department Address File
YELLOW - Business Responsible

Unidocs

The Uniform Documents Project

Hazardous Materials Online Inventory Project

Business Owner/Operator Report

After viewing the facility information below, click "Back to Site Menu" to view more reports.

I. IDENTIFICATION

FACILITY ID#: **43-011-TMP042**

BEGINNING DATE (MM/DD/YYYY)

ENDING DATE (MM/DD/YYYY)

BUSINESS NAME (Same as FACILITY NAME or DBA - Doing Business As): **Cisco Systems**

BUSINESS PHONE (###) ###-####

BUSINESS SITE ADDRESS: **510 McCarthy Blvd. Building 24**

CITY: **Milpitas, CA**

STATE: **CA**

ZIP CODE: 95035

DUN & BRADSTREET:

SIC CODE (4 digit #):

COUNTY: Santa Clara

BUSINESS OPERATOR NAME: Cisco Systems

BUSINESS OPERATOR PHONE: (###) ###-#### 408-526-4000

II. BUSINESS OWNER

OWNER NAME: Cisco Systems, Inc.

OWNER PHONE: (###) ###-#### 408-526-4000

OWNER MAILING ADDRESS: 170 West Tasman Drive M/S SJ-2-1

CITY: San Jose

STATE: CA

ZIP CODE: 95134

III. ENVIRONMENTAL CONTACT

CONTACT NAME: Justin Giampaoli

CONTACT PHONE: (###) ###-#### 858-526-1133

CONTACT MAILING ADDRESS: 170 West Tasman Drive M/S SJ-2-1

CITY: San Jose

STATE: CA

ZIP CODE: 95134

IV. EMERGENCY CONTACTS

-PRIMARY-

NAME: Justin Giampaoli

TITLE: Americas EHS Program Manager

-SECONDARY-

NAME: Teresa Larson

TITLE: Global EHS Program Manager

BUSINESS PHONE: (###) ###-####	BUSINESS PHONE: (###) ###-####
858-526-1133	408-527-3417
24-HOUR PHONE: (###) ###-####	24-HOUR PHONE: (###) ###-####
408-525-1111	408-525-1111
PAGER#:	PAGER#:

ADDITIONAL LOCALLY COLLECTED INFORMATION:

Certification: Based on my inquiry of those individuals responsible for obtaining the information, I certify under penaltyof law that I have personally examined and am familiar with the information submitted and believe the information is true, accurate, and complete.

DATE: (MM/DD/YYYY)	NAME OF DOCUMENT PREPARER:
11/18/05	W. Ken Lynch
NAME OF SIGNER:	TITLE OF SIGNER:
Justin Giampaoli	Americas EHS Program Manage

Back to Site Menu

UPCF(1/99 revised) OES FORM 2730 (1/99)

Back to Site Menu

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related links | training and meetings

For comments or questions regarding the HMIS project, contact the Online Database Administrator.

hosted by City of Palo Alto

Non-Waste Hazardous Materials Inventory Statement

For use by Unidocs Member Agencies or where approved by your Local Jurisdiction

BUSINESS NAME: Cisco Systems | **DATE:** 11/17/2005 | **PAGE:** 1 of 3

LOCATION: Roof | **EPCRA CONFIDENTIAL:** NO | **TRADE SECRET:** NO | **FACILITY ID#:** 43-011-TMP042-SUBMITTED-17-NOVEMBER-05

1. Hazard Class	2. Grid Code	3. Common Name	4. Hazardous Components	5. Phys. State	6. Quantities	7. Units	8. Storage Codes	9. Haz. Categories
6.1	**Map:** NONE **Grid:** NONE	AA-315 **CAS#:** 111-30-8 **EHS:** NO	COMPONENT NAME / EHS / % / CAS#: AA-315 / N / 100 / 111-30-8	LIQUID (PURE)	**MAX:** 30 **LARGEST:** 30 **AVG:** 30 **CURIES:** 0 **DAYS:** 365 **CONTAINERS:** E	GAL	**Pressure** AMBIENT **Temp** AMBIENT	ACUTE HEALTH CHRONIC HEALTH
6.1	**Map:** NONE **Grid:** NONE	AA-4015 **CAS#:** 10031-43-3 **EHS:** NO	5-CHLORO-2-METHYL-4-ISOTHIAZOLIN-3-ONE / N / 2 / 26172-55-4 COPPER NITRATE TRIHYDRATE / N / 0.15 / 10031-43-3 *MAGNESIUM CHLORIDE / N / 2.2 / 7786-30-3 MAGNESIUM NITRATE / N / 2 / 13446-18-9	LIQUID (MIXTURE)	**MAX:** 30 **LARGEST:** 30 **AVG:** 30 **CURIES:** 0 **DAYS:** 365 **CONTAINERS:** E	GAL	**Pressure** AMBIENT **Temp** AMBIENT	ACUTE HEALTH CHRONIC HEALTH
5.1	**Map:** NONE **Grid:** NONE	B-261 **CAS#:** 7632-00-0 **EHS:** NO	B-261 / N / 100 / 7632-00-0	LIQUID (PURE)	**MAX:** 30 **LARGEST:** 30 **AVG:** 30 **CURIES:** 0 **DAYS:** 365 **CONTAINERS:** E	GAL	**Pressure** AMBIENT **Temp** AMBIENT	ACUTE HEALTH
8	**Map:** NONE **Grid:** NONE	BROMEX 11 **CAS#:** 1310-73-2 **EHS:** NO	BROMEX 11 / N / 100 / 1310-73-2	LIQUID (PURE)	**MAX:** 30 **LARGEST:** 30 **AVG:** 30 **CURIES:** 0 **DAYS:** 365 **CONTAINERS:** E	GAL	**Pressure** AMBIENT **Temp** AMBIENT	ACUTE HEALTH CHRONIC HEALTH
0	**Map:** NONE **Grid:** NONE	C-366 **CAS#:** NONE **EHS:** NO	C-366 / N / 100 /	LIQUID (MIXTURE)	**MAX:** 30 **LARGEST:** 30 **AVG:** 30 **CURIES:** 0 **DAYS:** 365 **CONTAINERS:** E	GAL	**Pressure** AMBIENT **Temp** AMBIENT	ACUTE HEALTH
8	**Map:** NONE **Grid:** NONE	C-480 **CAS#:** 7664-93-9 **EHS:** NO	ZINC CHLORIDE / N / 5 / 7646-85-7 SULFURIC ACID 50-91% / Y / 4 / 7664-93-9	LIQUID (MIXTURE)	**MAX:** 30 **LARGEST:** 30 **AVG:** 30 **CURIES:** 0 **DAYS:** 365 **CONTAINERS:** E	GAL	**Pressure** AMBIENT **Temp** AMBIENT	ACUTE HEALTH CHRONIC HEALTH

STORAGE CONTAINER CODES

A = Aboveground Tank, B = Belowground Tank, C = Tank Inside Building, D = Steel Drum, E = Plastic/Nonmetallic Drum, F = Can, G = Carboy, H = Silo, I = Fiber Drum, J = Bag, K = Box, L = Cylinder, M = Glass Bottle or Jug, N = Plastic Bottle or Jug, O = Tote Bin, P = Tank Wagon, Q = Rail Car, R = Other

OTHER ABBREVIATIONS

MAX = Max. Amount Daily, AVG = Avg. Amount Daily, DAYS = Days On Site, LARGEST = Largest Container, CURIES = Curies (in mCi), CONTAINERS = Storage Containers

If EPCRA, Please Sign Here: _____

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Non-Waste Hazardous Materials Inventory Statement

For use by Unidocs Member Agencies or where approved by your Local Jurisdiction

BUSINESS NAME: Cisco Systems | **DATE:** 11/17/2005 | **PAGE:** 2 of 3

LOCATION: Roof | **EPCRA CONFIDENTIAL:** NO | **TRADE SECRET:** NO | **FACILITY ID#:** 43-011-TMP042-SUBMITTED-17-NOVEMBER-05

1. Hazard Class	2. Grid Code	3. Common Name	4. Hazardous Components	5. Phys. State	6. Quantities	7. Units	8. Storage Codes	9. Haz. Categories
8	**Map:** NONE **Grid:** NONE	HS-4230 **CAS#:** 64665-57-2 **EHS:** NO	COMPONENT NAME / EHS / % / CAS#: SODIUM HYDROXIDE 50% / N / 10 / 1310-73-2; SODIUM TOLYLTRIAZOLE / N / 2 / 64665-57-2	LIQUID (MIXTURE)	**MAX:** 50 **LARGEST:** 50 **AVG:** 50 **CURIES:** 0 **DAYS:** 365 **CONTAINERS:** E	GAL	**Pressure** AMBIENT **Temp** AMBIENT	ACUTE HEALTH CHRONIC HEALTH
9	**Map:** NONE **Grid:** NONE	R-123 **CAS#:** 306-83-2 **EHS:** NO	COMPONENT NAME / EHS / % / CAS#: R-123 / N / 100 / 306-83-2	LIQUID (PURE)	**MAX:** 180 **LARGEST:** 30 **AVG:** 180 **CURIES:** 0 **DAYS:** 365 **CONTAINERS:** L	GAL	**Pressure** AMBIENT **Temp** AMBIENT	NONE

STORAGE CONTAINER CODES

A = Aboveground Tank, B = Belowground Tank, C = Tank Inside Building, D = Steel Drum, E = Plastic/Nonmetallic Drum, F = Can, G = Carboy, H = Silo, I = Fiber Drum, J = Bag, K = Box, L = Cylinder, M = Glass Bottle or Jug, N = Plastic Bottle or Jug, O = Tote Bin, P = Tank Wagon, Q = Rail Car, R = Other

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If EPCRA, Please Sign Here: _____

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Non-Waste Hazardous Materials Inventory Statement

For use by Unidocs Member Agencies or where approved by your Local Jurisdiction

BUSINESS NAME: Cisco Systems		**DATE:** 11/17/2005	**PAGE:** 3 of 3
LOCATION: UPS Battery Storage Room	**EPCRA CONFIDENTIAL:** NO	**TRADE SECRET:** NO	**FACILITY ID#:** 43-011-TMP042-SUBMITTED-17-NOVEMBER-05

1. Hazard Class	2. Grid Code	3. Common Name	4. Hazardous Components	5. Phys. State	6. Quantities	7. Units	8. Storage Codes	9. Haz. Categories
8	**Map:** NONE **Grid:** NONE	BATTERY ELECTROLYTE **CAS#:** NONE **EHS:** NO	COMPONENT NAME: SULFURIC ACID 50-91% — EHS: Y — %: 93 — CAS#: 7664-93-9	LIQUID (MIXTURE)	**MAX:** 40 **LARGEST:** 30 **AVG:** 40 **CURIES:** 0 **DAYS:** 365 **CONTAINERS:** R	GAL	**Pressure** AMBIENT **Temp** AMBIENT	FIRE ACUTE HEALTH CHRONIC HEALTH

STORAGE CONTAINER CODES

A = Aboveground Tank; B = Belowground Tank; C = Tank Inside Building; D = Steel Drum; E = Plastic/Nonmetallic Drum; F = Can; G = Carboy; H = Silo; I = Fiber Drum; J = Bag; K = Box; L = Cylinder; M = Glass Bottle or Jug; N = Plastic Bottle or Jug; O = Tote Bin; P = Tank Wagon; Q = Rail Car; R = Other

OTHER ABBREVIATIONS

MAX = Max. Amount Daily; AVG = Avg. Amount Daily; DAYS = Days On Site; LARGEST = Largest Container; CURIES = Curies (in mCi); CONTAINERS = Storage Containers

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If EPCRA, Please Sign Here: _____

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Hazardous Waste Materials Inventory Statement

For use by Unidocs Member Agencies or where approved by your Local Jurisdiction

BUSINESS NAME: Cisco Systems		**DATE:** 11/17/2005	**PAGE:** 1 of 0
LOCATION:	**EPCRA CONFIDENTIAL:** NO	**TRADE SECRET:** NO	**FACILITY ID#:** 43-011-TMP042-SUBMITTED-17-NOVEMBER-05

1. Hazard Class	2. Grid Code	3. Common Name	4. Hazardous Components	5. Phys. State	6. Quantities	7. Units	8. Storage Codes	9. Haz. Categories

No Non-Waste Records found for this Facility in that Location

STORAGE CONTAINER CODES

A = Aboveground Tank	D = Steel Drum	G = Carboy	J = Bag	M = Glass Bottle or Jug	P = Tank Wagon
B = Belowground Tank	E = Plastic/Nonmetallic Drum	H = Silo	K = Box	N = Plastic Bottle or Jug	Q = Rail Car
C = Tank Inside Building	F = Can	I = Fiber Drum	L = Cylinder	O = Tote Bin	R = Other

OTHER ABBREVIATIONS

MAX = Max. Amount Daily	LARGEST = Largest Container
AVG = Avg. Amount Daily	CURIES = Curies (in mCi)
DAYS = Days On Site	CONTAINERS = Storage Containers

If EPCRA, Please Sign Here: _____

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RECEIVED
JUL 10 2006
MILPITAS
FIRE PREVENTION

HAZARDOUS MATERIAL BUSINESS PLAN

FOR

MILPITAS GAS TERMINAL66 RANCH DRIVEMILPITAS95035

JUNE 2006

This Hazardous Materials Business Plan will be implemented as herein described:

Signature: Mike Painter

Name: Mike Painter

Title: District Superintendent

A. FACILITY NAME:

Milpitas Gas Terminal

B. TYPE OF FACILITY:

Natural gas pipeline terminal station.

Maintenance station providing crew dispatching, shop, and equipment and materials storage facilities for maintenance of natural gas transmission facilities.

C. LOCATION OF FACILITY:

66 Ranch Drive
Milpitas, CA 95035

Telephone: Public Number (408) 945-6214

See Facility Layout Map, Figure 2-1.

D. OWNER/OPERATOR:

Pacific Gas and Electric Company (PG&E)
P.O. Box 770000
San Francisco, CA 94177

E. STANDARD INDUSTRIAL CLASSIFICATION: 4922

F. DUN & BRADSTREET NO.: 00-691-2877

G. FACILITY MANAGER:

Mike Painter
District Superintendent
66 Ranch Drive
Milpitas, CA
Telephone: Work (408) 945-6214

H. FACILITY DESCRIPTION:

The Milpitas Natural Gas Terminal distributes gas from PG&E's natural gas transmission pipelines 300A and 300B to smaller pipelines serving the San Francisco Peninsula and the south and east San Francisco Bay areas. This terminal is also the control center for gas flowing from these pipelines to local distribution systems and the maintenance station for the operations crew maintaining the terminal pipeline facilities.

The Milpitas Natural Gas Terminal is located on a five-acre parcel, owned by PG&E, northwest and adjacent to the intersection of Highway 237 and Interstate 880 in Milpitas.

The facility has been operating since 1929. This facility was upgraded during the late 1980's and the upgraded version has been operational since October 1990.

The Milpitas Terminal consists of two major buildings, several smaller structures, and a yard with areas of asphalt paving and crushed rock cover. Parts of the yard contains buried high pressure gas piping and aboveground control equipment. Other areas are used for material storage or vehicle parking.

The following buildings, structures, and equipment are located at the Milpitas Natural Gas Terminal. Their locations are shown on the Facility Layout Map, Figure 2-1.

Control Building	This building houses offices for operations and maintenance personnel.
Maintenance Building	This structure is located directly south of the control building and houses the following areas: 1) A shop to perform welding and routine maintenance; 2) A warehouse used for storing spare parts, materials, protective clothing, and emergency equipment; 3) Stationary air compressors.
Analyzer Buildings	These structures are used to store control instruments and gas quality measuring equipment.
Aboveground Tanks	There are five aboveground pressure vessels and one aboveground storage tank. These are comprised of three compressed air storage receivers and two gas-liquid separators that are used to separate liquids from natural gas. One compressed air storage receiver is located inside the Maintenance Building, one at the north west corner of the Maintenance Building, and one north west of the Analyzer Building "D". The two gas-liquid separators are located near the south east corner of the yard. There is one pipeline liquids storage tank located near the separators. The pipeline liquids storage tank and the separators share a common concrete containment structure.

Hazardous Materials/ Waste Storage Building	This area is clearly marked and is used to store various size containers of hazardous materials (e.g.: oils, absorbents, solvents, detergents, etc.) in addition to miscellaneous aerosol cans. This area is located near the center of the facility. The building has a roof and a floor with built in secondary containment. There is a fence at the front of the building for security.
Pipeline Liquid Drums Storage Area:	This storage area is located next to the Hazardous Materials/Waste Storage Building and used to store drums containing pipeline liquids collected from pipeline drips.
Compressed Gas Cylinder Storage Areas:	There are several locations throughout the facility used for storing compressed gas cylinders.
Fence	The entire yard is surrounded by a chain-link fence topped with barbed wire. There are two entrance gates to the facility.

B. OPERATING SCHEDULE:

The facility is staffed ten hours per day, five days per week. During regular working hours 6:00 a.m. to 4:30 p.m., approximately ten employees are headquartered at the facility.

The facility is unstaffed during evenings, holidays and weekends.

In the event of an emergency at this facility, outside of regular business hours, an on-call supervisor is available 24 hours per day. See title page for the 24-hour emergency telephone number.

3. HAZARD ASSESSMENT

A. OBJECTIVE

This section identifies the hazardous materials and wastes that are routinely found at the facility and their spill potential at the facility.

All personnel involved with handling hazardous materials and wastes have been trained and are familiar with the hazardous properties of the materials and waste with which they work.

B. HAZARDOUS MATERIALS AND WASTE INVENTORY

Lists of the hazardous materials and wastes normally handled at the facility are presented in Tables 3-1 and 3-2, respectively. The Title 19 and 27 OES Standard Inventory forms 2730 and 2731 are included in the CUPA copy of this plan as Table 3-3. The inventory reflects "Zero Threshold Level" reporting, listing any hazardous material or waste present at the facility

C. FACILITY DRAINAGE

This facility is drained by sheet runoff. The surface drainage system consists of a network of catch basins tied together with a drainage pipe which empties into a storm drain which flows to Coyote Creek and then into the San Francisco Bay.

Drains from the 14 metering and regulation vaults are piped individually to an intermediate sump located outside of the elevated yard area near the stairs on the west retaining wall. Each drain emptying into the sump has a valve which is normally closed in the event of a spill in one of the vaults. The sump contains an oil/water separator on the outlet. After separation, water drains from the sump to the catch basin.

Drains from the separator and liquid storage areas are piped to an intermediate sump and then to catch basin. A single valve located on each drain is normally closed to prevent a spill from entering the storm drain system in the event of a spill in the separator/liquid storage areas. See Facility Layout Map, Figure 2-1.

D. ADJOINING LAND USES

The Milpitas Gas Terminal is adjoined by light commercial areas and hotels on the north, west and east sides and by Calaveras Boulevard on the south side.

E. PREVAILING WIND DIRECTION

The prevailing wind direction is from predominantly from the northwest with seasonal variations during the winter months.

discharged is 3,000 gallons. This tank is located on a concrete bermed slab that has been deemed able to contain a spill. The catch basins from these areas are drained through normally closed manual valves into a catch basin south of the raised metering and regulating yard. The tank is constructed of steel and has been suitably painted to resist corrosion. The tank is inspected regularly as part of routine station inspections. The District Superintendent is responsible for the tank and its contents.

D. Drums

There are 55 gallon drums that store oil and petroleum by-products at this facility. These drums are stored in the Hazardous Waste Storage Building. Usually one to two drums hold miscellaneous liquid residue generated by the gas operation crews and four to five 55 or 25 gallon drums of hydraulic oil, lube oil grease and solvents are stored in this building. These drums typically contain: diesel and water mix; spent solvents; brake fluid; insulating oil; waste flammable liquids and others. Hazardous wastes are temporarily stored in the Hazardous Waste Storage Building prior to shipment to a licensed hazardous waste disposal facility. Proper barricades and placards are posted.

The building has a curbed floor with metal grating that would contain any spilled oil within the building. Small spills could occur during transfer of waste from a smaller container to a drum. A maximum of five gallons could be spilled and would be contained within the building. The largest potential spill would be from the rupture of a drum due to overturning during handling (manually or with a forklift). A maximum of 55 gallons could be spilled. Interior spills would be contained within the curbed floor of the building.

G. FIRE POTENTIAL:

All hazardous materials and wastes are stored in regulation containers, minimizing the possibility of fire. All hazardous waste containers are inspected weekly and an inspection log is kept by facility personnel. "No Smoking," "Flammable - No Open Flame Within 25 Feet," and other appropriate signs are posted where combustible/flammable materials or wastes are handled, used, or stored. Storage areas are regularly inspected for compliance with applicable state and local requirements. Responsible facility personnel have been trained in the use of portable fire fighting equipment.

TABLE 3-1

HAZARDOUS MATERIALS INVENTORY

HAZARDOUS MATERIAL INVEN. .RY - MILPITAS GAS TERMINAL
EPA ID Number:CAD981373004
Report Date: 6/5/2006

Location: BLDG B, MAINT. SHOP//FLAM CAB IN GARAGE/E4-D5

Trade Name	DOT No	Physical State	NFPA Diamond	Hazard Codes*	Hazard Class	Avg Amt	Max Amt	Largest Cont	Unit	Cont Code ***	Max Lbs	Chemical Component	% WT	CAS Number	** If EHS
Charcoal Lighter	1993	Mix/L	H-2/F-2/R-0	—A-	3	1	2	1	GAL	N 1 4	10	ALIPHATIC HYDROCARBONS	99	64742-48-9	**
GASOLINE/OIL MIXTURE	1202	Mix/L	H-0/F-2/R-0	-R--	3	1	1	1	GAL	N 1 4	7	BENZENE		71-43-2	
												ETHYL ALCOHOL		64-17-5	
												METHYL TERT-BUTYL ETHER		1634-04-4	**
MOTOR OIL SAE 50	N/A	Mix/L	H-1/F-1/R-0	—A-	3	8	12	1	QTS	N 1 4	22	DEWAXED HEAVY PARAFFINIC SOLVENT	60	64742-65-0	**
MULTI-PURPOSE GREASE	N/A	Mix/S	H-1/F-1/R-0	—A-	3	37	56	14	OZ	R 1 4	3	HEAVY SOLVENT REFINED NAPHTHENIC OIL		64741-96-4	
												OIL MIST, MINERAL		8012-95-1	**
ROUNDUP HERBICIDE	3082	Mix/L	H-2/F-1/R-0	—A-	9	1	1	1	GAL	N 1 4	8	ETHOXYLATED TALLOWAMINES		61791-26-2	
												GLYPHOSATE	41	1071-83-6	**
STOPS RUST AUTO PRIMER AEROSOL	1954	Mix/L	H-2/F-4/R-0	FP-A-	2.1	48	72	12	OZ	F 2 4	5	ETHYL BENZENE	10	100-41-4	
												HYDRATED MAGNESIUM SILICATE	20	14807-96-6	
												LIQUEFIED PETROLEUM GAS	30	68476-85-7	
												TOLUENE	15	108-88-3	
												XYLENE	25	1330-20-7	**
T-30 SELECT LUBRICANT	3082	Mix/L	H-1/F-1/R-0	—A-	9	3	4	1	QTS	N 1 4	8	SYNTHETIC ESTERS			**

Location: BLDG B, MAINT. SHOP//GARAGE/E4-D5

Trade Name	DOT No	Physical State	NFPA Diamond	Hazard Codes*	Hazard Class	Avg Amt	Max Amt	Largest Cont	Unit	Cont Code ***	Max Lbs	Chemical Component	% WT	CAS Number	** If EHS
Acetylene, Compressed	1001	Pure/G	H-0/F-4/R-3	FPR--	2.1	230	345	345	CUFT	L 2 4	24				
Air, Compressed	1002	Mix/G	H-0/F-0/R-0	-P---	2.2	400	600	600	CUFT	A 2 4	37	NITROGEN	78	7727-37-9	
												OXYGEN	21	7782-44-7	**
Air, Compressed	1002	Mix/G	H-0/F-0/R-0	-P---	2.2	67	100	50	CUFT	L 2 4	6	NITROGEN	78	7727-37-9	
												OXYGEN	21	7782-44-7	**
Oxygen, Compressed	1072	Pure/G	H-0/F-0/R-0	-P---	2.2	188	282	282	CUFT	L 2 4	23				
UNLEADED GASOLINE	1203	Mix/L	H-1/F-3/R-0	F--A-	3	2	3	1	GAL	R 1 4	19	BENZENE	4.9	71-43-2	
												ETHYL BENZENE	1.4	100-41-4	
												M-XYLENE	4.6	108-38-3	
												METHYL TERT-BUTYL ETHER	15	1634-04-4	
												TOLUENE	6.5	108-88-3	**

Location: BLDG B, MAINT. SHOP//OUTSIDE WAREHOUSE/E5

Trade Name	DOT No	Physical State	NFPA Diamond	Hazard Codes*	Hazard Class	Avg Amt	Max Amt	Largest Cont	Unit	Cont Code ***	Max Lbs	Chemical Component	% WT	CAS Number	** If EHS
Air, Compressed	1002	Mix/G	H-0/F-0/R-0	-P---	2.2	3	4	4	CUFT	R 2 4	0	NITROGEN	78	7727-37-9	
												OXYGEN	21	7782-44-7	**
Air, Compressed	1002	Mix/G	H-0/F-0/R-0	-P---	2.2	2,800	5,000	5,000	CUFT	A 2 4	310	NITROGEN	78	7727-37-9	
												OXYGEN	21	7782-44-7	**
DIESEL FUEL, HS, #2	1202	Mix/L	H-0/F-2/R-0	—A-	3	18	27	27	GAL	R 1 4	189	FUELS, DIESEL, NO. 2	100	68476-34-6	
												GAS OIL, LIGHT		64741-44-2	
												HYDRODESULFURIZED MIDDLE DISTILLATE		64742-80-9	**
WET CELL BATTERIES	2794	Mix/L	H-3/F-0/R-2	-RA-	8	1	1	1	GAL	R 1 4	10	SULFURIC ACID	40	7664-93-9	**

Location: BLDG B, MAINT. SHOP//UPSTAIRS/E4-D5

Trade Name	DOT No	Physical State	NFPA Diamond	Hazard Codes*	Hazard Class	Avg Amt	Max Amt	Largest Cont	Unit	Cont Code ***	Max Lbs	Chemical Component	% WT	CAS Number	** If EHS
Acetylene, Compressed	1001	Pure/G	H-0/F-4/R-3	FPR--	2.1	200	300	300	CUFT	L 2 4	21				
Helium, Compressed	1046	Pure/G	H-0/F-0/R-0	-P-A-	2.2	160	240	240	CUFT	L 2 4	2				
Oxygen, Compressed	1072	Pure/G	H-0/F-0/R-0	-P---	2.2	200	300	300	CUFT	L 2 4	25				
UNLEADED GASOLINE	1203	Mix/L	H-1/F-3/R-0	F--A-	3	2	3	1	GAL	R 1 4	19	BENZENE	4.9	71-43-2	
												ETHYL BENZENE	1.4	100-41-4	
												M-XYLENE	4.6	108-38-3	
												METHYL TERT-BUTYL ETHER	15	1634-04-4	

												TOLUENE	6.5	108-88-3	**
WINDSHIELD WASHER 7300	1993	Mix/L	H-2/F-4/R-0	F--A-	3	1	2	1	GAL	N 1 4	17	METHYL ALCOHOL	95	67-56-1	**

Location: BLDG B, MAINT. SHOP//WAREHOUSE/E4-D5

Trade Name	DOT No	Physical State	NFPA Diamond	Hazard Codes*	Hazard Class	Avg Amt	Max Amt	Largest Cont	Unit	Cont Code ***	Max Lbs	Chemical Component	% WT	CAS Number	** If EHS
#1 WAX TAPE	3077	Mix/S	H-1/F-1/R-0	---A-	9	17	25	0	LBS	R 1 4	25	NO HAZARDOUS INGREDIENTS PER 29 CFR 1910. 1200			**
Activated Alumina	3077	Mix/S	H-1/F-1/R-0	---A-	9	40	60	30	LBS	I 1 4	60	ALUMINUM OXIDE	98.6	1344-28-1	**
ADHESIVE MA-440	1133	Mix/L	H-2/F-3/R-1	F--A-	3	16,000	24,000	2,400	G	F 1 4	48	METHYL METHACRYLATE MONOMER, INHIBITED	85	80-62-6	**
BH-380 SORBENT	3077	Mix/S	H-1/F-1/R-0	---A-	9	23	35	35	LBS	N 1 4	35	NO HAZARDOUS INGREDIENTS PER 29 CFR 1910. 1200			**
CONCRETE MIX/FENCE POST MIX	3082	Mix/L	H-1/F-0/R-0	---A-	9	333	500	50	LBS	J 1 4	500	CALCIUM OXIDE SILICATE	60	12168-85-3	
												CALCIUM SULFATE, ANHYDROUS	10	7778-18-9	
												SILICIC ACID, CALCIUM SALT	20	10034-77-2	**
CS-400/CS-420 ACTIVATOR FOR FILLER		Mix/L	H-0/F-2/R-0	F---	9	3,000	4,500	450	G	N 1 4	9	BENZOYL PEROXIDE	8.5	94-36-0	**
EYESALINE SOLUTION FOR EYEWASHES	3082	Mix/L	H-1/F-1/R-0	---A-	9	1	2	1	GAL	N 1 4	17	ETHYLENEDIAMINETETRAACETIC ACID		139-33-3	
												PARASTEROL	.1	8001-54-5	
												SODIUM CHLORIDE		7647-14-5	
												SODIUM PHOSPHATE, DIBASIC		7558-79-4	
												SODIUM PHOSPHATE, MONOBASIC		7558-80-7	**
PROTAL 7000 BRUSHING GRADE BASE	1139	Mix/L	H-2/F-2/R-0	---A-	3	2	3	1	GAL	N 1 4	25	CALCIUM CARBONATE	15	1317-65-3	
												EPOXY RESIN 2',2	30	25085-99-8	
												HYDRATED MAGNESIUM SILICATE	10	14807-96-6	
												OXIRANE, (CHLOROMETHYL)-	5	9072-62-2	
												TITANIUM DIOXIDE	7	13463-67-7	**
PROTAL 7000 BRUSHING GRADE HARDENER	1139	Mix/L	H-2/F-2/R-0	---A-	3	8	12	1	PTS	N 1 4	13	AMINOETHYLPIPERAZINE	30	140-31-8	
												BISPHENOL A	10	80-05-7	
												DIBUTYL PHTHALATE	10	84-74-2	
												OXIRANE, (CHLOROMETHYL)-	7	9072-62-2	**
SOLID-A-SORB	3077	Mix/S	H-1/F-1/R-0	---A-	9	133	200	20	LBS	J 1 4	200	DIATOMACEOUS EARTH	99	68855-54-9	
												SILICA, CRYSTALLINE-CRISTOBALITE	1	14464-46-1	
												SILICA, CRYSTALLINE-QUARTZ	1	14808-60-7	**
UNLEADED GASOLINE	1203	Mix/L	H-1/F-3/R-0	F--A-	3	3	4	1	GAL	R 1 4	25	BENZENE	4.9	71-43-2	
												ETHYL BENZENE	1.4	100-41-4	
												M-XYLENE	4.6	108-38-3	
												METHYL TERT-BUTYL ETHER	15	1634-04-4	
												TOLUENE	6.5	108-88-3	**

Location: CONTROL BLDG//JANITORIAL ROOM/D5

Trade Name	DOT No	Physical State	NFPA Diamond	Hazard Codes*	Hazard Class	Avg Amt	Max Amt	Largest Cont	Unit	Cont Code ***	Max Lbs	Chemical Component	% WT	CAS Number	** If EHS
Ajax All Purpose Cleaner	1142	Mix/L	H-2/F-1/R-0	---A-	3	1	1	1	GAL	N 1 4	8	ANHYDROUS AMMONIA		7664-41-7	**
ALLSTAR CASTILE PINK LOTION SOAP	1142	Mix/L	H-1/F-0/R-0	---A-	9	2	3	1	GAL	N 1 4	25	NO HAZARDOUS INGREDIENTS PER 29 CFR 1910. 1200			**
GLASS AND MIRROR CLEANER	1142	Mix/L	H-1/F-2/R-0	---A-	3	1	1	1	GAL	N 1 4	8	ISOPROPYL ALCOHOL	20	67-63-0	**

Location: MILPITAS TERMINAL//Analyzer Bldg C /C5

Trade Name	DOT No	Physical State	NFPA Diamond	Hazard Codes*	Hazard Class	Avg Amt	Max Amt	Largest Cont	Unit	Cont Code ***	Max Lbs	Chemical Component	% WT	CAS Number	** If EHS
Acetylene, Compressed	1001	Pure/G	H-0/F-4/R-3	FPR-	2.1	16	24	24	CUFT	L 2 4	2				
CALIBRATION CHECK GAS - 290	1956	Mix/G	H-1/F-0/R-0	-P---	2.2	24	36	18	CUFT	L 2 4	2	CARBON MONOXIDE	.03	630-08-0	**
Helium, Compressed	1046	Pure/G	H-0/F-0/R-0	-P-A-	2.2	304	456	228	CUFT	L 2 4	5				

Location: MILPITAS TERMINAL//Analyzer Bldg D/B3

Trade Name	DOT No	Physical State	NFPA Diamond	Hazard Codes*	Hazard Class	Avg Amt	Max Amt	Largest Cont	Unit	Cont Code ***	Max Lbs	Chemical Component	% WT	CAS Number	** If EHS
Helium, Compressed	1046	Pure/G	H-0/F-0/R-0	-P-A-	2.2	376	564	282	CUFT	L 2 4	6				
Methane, Compressed (Testing Gas) 2.1%	1971	Mix/G	H-1/F-0/R-0	-P---	2.2	53		80	CUFT	L 2 4	5	METHANE	2.1	74-82-8	**

Loca. ILPITAS TERMINAL//Telecom Room/D5

Trade Name	DOT No	Physical State	NFPA Diamond	Hazard Codes*	Hazard Class	Avg Amt	Max Amt	Largest Cont	Unit	Cont Code ***	Max Lbs	Chemical Component	% WT	CAS Number	** If EHS
MCT WET CELL BATTERY VARIOUS NUMBERS	2794	Mix/S	H-3/F-0/R-2	–RA-	8	480	720	30	LBS	R 1 4	720	SULFURIC ACID	29	7664-93-9	**

Location: MILPITAS TERMINAL//UPS Room/D5

Trade Name	DOT No	Physical State	NFPA Diamond	Hazard Codes*	Hazard Class	Avg Amt	Max Amt	Largest Cont	Unit	Cont Code ***	Max Lbs	Chemical Component	% WT	CAS Number	** If EHS
SD-7 WET CELL BATTERY	2794	Mix/L	H-3/F-0/R-2	–RA-	8	44	66	1	GAL	R 1 4	672	SULFURIC ACID	30	7664-93-9	**

Location: MILPITAS TERMINAL//Yard, South of Maintenanc/E4

Trade Name	DOT No	Physical State	NFPA Diamond	Hazard Codes*	Hazard Class	Avg Amt	Max Amt	Largest Cont	Unit	Cont Code ***	Max Lbs	Chemical Component	% WT	CAS Number	** If EHS
Mineral Oil from Transformers	1268	Mix/L	H-0/F-1/R-0	—A-	3	100	150	150	GAL	R 1 4	1,105	BUTYLATED HYDROXY TOLUENE	.19	128-37-0	
												HYDROTREATED LIGHT NAPHTHENIC DISTILLATE	70	64742-53-6	
												HYDROTREATED MIDDLE DISTILLATE	40	64742-46-7	**

Location: YARD//C1, C2 and C3/B3

Trade Name	DOT No	Physical State	NFPA Diamond	Hazard Codes*	Hazard Class	Avg Amt	Max Amt	Largest Cont	Unit	Cont Code ***	Max Lbs	Chemical Component	% WT	CAS Number	** If EHS
Pipeline Liquids	1993	Mix/L	H-2/F-3/R-1	F–A-	3	2,000	3,000	3,000	GAL	A 1 4	25,029	ALIPHATIC HYDROCARBONS	85	64742-48-9	
												BENZENE	2	71-43-2	
												TOLUENE	6	108-88-3	
												XYLENE	7	1330-20-7	**
Pipeline Liquids	1993	Mix/L	H-2/F-3/R-1	F–A-	3	667	1,000	500	GAL	A 1 4	8,343	ALIPHATIC HYDROCARBONS	85	64742-48-9	
												BENZENE	2	71-43-2	
												TOLUENE	6	108-88-3	
												XYLENE	7	1330-20-7	**

Location: YARD//COMPR. GAS STOR AREA 1/C4

Trade Name	DOT No	Physical State	NFPA Diamond	Hazard Codes*	Hazard Class	Avg Amt	Max Amt	Largest Cont	Unit	Cont Code ***	Max Lbs	Chemical Component	% WT	CAS Number	** If EHS
Acetylene, Compressed	1001	Pure/G	H-0/F-4/R-3	FPR–	2.1	507	760	380	CUFT	L 2 4	52				
Helium, Compressed	1046	Pure/G	H-0/F-0/R-0	-P-A-	2.2	1,880	2,820	282	CUFT	L 2 4	29				
Hydrogen, Compressed	1049	Pure/G	H-0/F-4/R-0	FP—	2.1	53	80	40	CUFT	L 2 4	0				
Oxygen, Compressed	1072	Pure/G	H-0/F-0/R-0	-P—	2.2	304	456	228	CUFT	L 2 4	38				

Location: YARD//COMPR. GAS STOR AREA 3/C6

Trade Name	DOT No	Physical State	NFPA Diamond	Hazard Codes*	Hazard Class	Avg Amt	Max Amt	Largest Cont	Unit	Cont Code ***	Max Lbs	Chemical Component	% WT	CAS Number	** If EHS
Nitrogen, Compressed	1066	Pure/G	H-0/F-0/R-0	-P—	2.2	608	912	228	CUFT	L 2 4	58				

Location: YARD//HAZ MAT/WASTE STO BLDG A/C4

Trade Name	DOT No	Physical State	NFPA Diamond	Hazard Codes*	Hazard Class	Avg Amt	Max Amt	Largest Cont	Unit	Cont Code ***	Max Lbs	Chemical Component	% WT	CAS Number	** If EHS
1027 SPRAY PRIMER (AEROSOL)	1954	Mix/L	H-2/F-4/R-0	FP-A-	2.1	48	72	12	OZ	F 2 4	5	METHYLENE CHLORIDE	60	75-09-2	
												PROPANE	30	74-98-6	
												TOLUENE	5	108-88-3	
												VM&P NAPHTHA	20	64742-89-8	**
1033 Sealant	N/A	Mix/S	H-1/F-1/R-0	—A-	3	100	150	10	LBS	F 1 4	150	SILICA, AMORPHOUS	12	112945-52-5	
												SILICA, TREATED, AMORPHOUS	5	68611-44-9	**
ACETONE	1090	Pure/L	H-1/F-3/R-0	F-RA-	3	1	1	1	GAL	F 1 4	7				
AHP-65 ONE-STEP RUST CONVERTER	1142	Mix/L	H-1/F-0/R-0	—A-	9	3	5	5	GAL	N 1 4	42	PROPYLENE GLYCOL	5	57-55-6	**
AIR TOOL OIL	1993	Mix/L	H-2/F-2/R-0	—A-	3	1	1	1	QTS	F 1 4	2	MINERAL SPIRITS	30	64475-85-0	
												NAPHTHENIC OIL	67	64742-13-8	**
Aqua guard Meter Gray		Mix/L	H-1/F-2/R-0	F—	3	1	1	1	GAL	F 1 4	8	2-BUTOXYETHANOL	15	111-76-2	**
ATF AUTOMATIC TRANSMISSION FLUID	N/A	Mix/L	H-1/F-1/R-0	—A-	3	4	6	1	QTS	N 1 4	11	DETERGENT	15		
												LUBRICATING BASE OIL	90		**
BITUMASTIC #50 PROTECTIVE COAT	1993	Mix/L	H-3/F-3/R-0	F–AC	3	1	2	1	GAL	F 1 4	17	CREOSOTE, COAL TAR	15	8001-58-9	
												INDENE	20	95-13-6	
												NAPHTHALENE	2	91-20-3	

												PITCH, COAL TAR	20	65996-93-2	
												XYLENE	5	1330-20-7	**
CALIBRATION GAS	1971	Mix/G	H-1/F-0/R-0	-P---	2.2	21	32	16	CUFT	L 2 4	2	METHANE	2.5	74-82-8	**
CALIBRATION GAS	1971	Mix/G	H-1/F-0/R-0	-P---	2.2	16	24	4	CUFT	L 2 4	1	METHANE	2.5	74-82-8	**
CHICO A, AJ, A3 OR A5 SEALING COMPOUND	3077	Mix/L	H-1/F-1/R-0	---A-	9	1	2	1	GAL	F 1 4	17	ALUMINUM OXIDE	25	1344-28-1	
												CALCIUM OXIDE	24	1305-78-8	
												PORTLAND CEMENT		65997-15-1	
												SILICA, AMORPHOUS		112945-52-5	
												TITANIUM DIOXIDE		13463-67-7	**
CHICO A, AJ, A3 OR A5 SEALING COMPOUND	3077	Mix/L	H-1/F-1/R-0	---A-	9	1	2	1	PTS	F 1 4	2	ALUMINUM OXIDE	25	1344-28-1	
												CALCIUM OXIDE	24	1305-78-8	
												PORTLAND CEMENT		65997-15-1	
												SILICA, AMORPHOUS		112945-52-5	
												TITANIUM DIOXIDE		13463-67-7	**
Coil-rate	1142	Mix/L	H-1/F-0/R-0	---A-	9	3	5	3	GAL	N 1 4	42	Dodecylbenzene Potassium Salt		27177-77-1	
												Dodecylbenzene Triethanolamine		27323-41-7	**
CT-205	1954	Mix/L	H-2/F-4/R-0	FP-A-	2.1	36	54	9	OZ	F 2 4	4	ETHYL ALCOHOL	60	64-17-5	
												LIQUEFIED PETROLEUM GAS	40	68476-85-7	
												POLYALKYLENE GLYCOL	20	9038-95-3	**
CURB MARKER ADHESIVE RS-222	1133	Mix/L	H-2/F-3/R-1	F--A-	3	53	80	5	OZ	R 1 4	5	TOLUENE	34	108-88-3	**
DAN-288 ELECTRIC INSULATING FILM	1954	Mix/L	H-2/F-4/R-0	FP-A-	2.1	288	432	12	OZ	F 2 4	28	1,1,1-TRICHLOROETHANE	8	71-55-6	
												ACETONE	28	67-64-1	
												PROPANE	23	74-98-6	
												TOLUENE	12	108-88-3	
												XYLENE	13	1330-20-7	**
DELO 400 Motor Oil SAE 30	N/A	Mix/L	H-1/F-1/R-0	---A-	3	8	12	1	QTS	N 1 4	22	HIGHLY REFINED BASE OILS (various)		64741-88-4	
												PROPRIETARY ADDITIVES	20		
												SOLVENT REFINED PETROLEUM OIL		64741-89-5	
												ZINC ALKYL DITHIOPHOSPHATE		68649-42-3	**
DIESEL FUEL, HS, #2	1202	Mix/L	H-0/F-2/R-0	---A-	3	7	10	5	GAL	F 1 4	70	FUELS, DIESEL, NO. 2	100	68476-34-6	
												GAS OIL, LIGHT		64741-44-2	
												HYDRODESULFURIZED MIDDLE DISTILLATE		64742-80-9	**
DR. ZYME	3082	Mix/L	H-1/F-1/R-0	---A-	9	192	288	24	OZ	N 1 4	19	ISOPROPYL ALCOHOL		67-63-0	**
Drop Dead Aerosol	3355	Mix/L	H-3/F-2/R-1	FPRA-	3	60	90	15	OZ	F 2 4	6	ALLETHRIN	.25	584-79-2	
												ISOBUTANE		75-28-5	
												LIGHT PETROLEUM DISTILLATE		64742-47-8	
												PERMETHRIN	.15	52645-53-1	
												PROPANE		74-98-6	**
EQUA-LUBE EIGHTY	1270	Mix/S	H-1/F-1/R-0	---A-	9	27	40	10	LBS	F 1 4	40	GLYCERIN	5	56-81-5	
												SILICON DIOXIDE	5	7631-86-9	**
Frost Away Aerosol	1956	Mix/L	H-1/F-0/R-0	-P-A-	2.2	48	72	12	OZ	F 2 4	5	CARBON DIOXIDE		124-38-9	
												METHANOL		67-56-1	
												PROPYLENE GLYCOL		57-55-6	**
GAL-9	1954	Mix/L	H-2/F-4/R-0	FP-A-	2.1	44	66	11	OZ	F 2 4	4	LIGHT ALIPHATIC SOLVENT NAPHTHA	40	64742-89-8	
												LIQUEFIED PETROLEUM GAS	40	68476-85-7	
												ZINC METAL, POWDER OR DUST	20	7440-66-6	**
GEAR LUBRICANT D-1014	1270	Mix/S	H-1/F-1/R-0	---A-	9	27	40	10	LBS	F 1 4	40	ACETONE	3	67-64-1	**
GEAR OIL	N/A	Mix/L	H-1/F-1/R-0	---A-	3	1	1	1	GAL	N 1 4	7	SOLVENT REFINED PETROLEUM OIL	90	64741-89-5	**
Hydrofoil	3082	Mix/L	H-1/F-1/R-0	---A-	9	7	10	1	GAL	N 1 4	83	NONIONIC SURFACTANT		9016-45-9	**
LBT-101-C	3082	Mix/L	H-1/F-1/R-0	---A-	9	37	55	55	GAL	D 1 4	459	NO HAZARDOUS INGREDIENTS PER 29 CFR 1910. 1200			**
Lexite Aerosol	1956	Mix/L	H-1/F-0/R-0	-P---	2.2	192	288	12	OZ	F 2 4	19	TRICHLOROTRIFLUOROETHANE	96	76-13-1	**
LG-34	N/A	Mix/L	H-1/F-1/R-0	---A-	3	56	84	14	OZ	F 2 4	5	1,1,1-TRICHLOROETHANE		71-55-6	
												ISOBUTANE		75-28-5	
												NAPHTHA: STODDARD SOLVENT		8052-41-3	
												PROPANE		74-98-6	**
Marking Paint (17A)	1954	Mix/L	H-2/F-4/R-0	FP-A-	2.1	272	408	17	OZ	F 2 4	27	ACETONE	5	67-64-1	
												BUTANE	5	106-97-8	
												HEXANE	12	110-54-3	
												PROPANE	10	74-98-6	
												XYLENE	20	1330-20-7	**
Met-K[illegible]rosol	1956	Mix/L	H-2/F-2/R-0	-P-A-	2.2	87	130	13	OZ	F 2 4	8	Hydrotreated Heavy Napthenic Dist		64742-52-5	

												ISOBUTANE		75-28-5	
												PARAFFINS		64742-88-7	
												PROPANE		74-98-6	**
MINERAL SPIRITS	1993	Mix/L	H-2/F-3/R-1	F--A-	3	3	5	5	GAL	F 1 4	42	HYDROTREATED LIGHT DISTILLATES	97	64742-47-8	**
NC-123	1956	Mix/L	H-3/F-1/R-0	---A-	2	96	144	12	OZ	F 2 4	9	1,1,1-TRICHLOROETHANE	40	71-55-6	
												1,3-DIOXOLANE		646-06-0	
												ALIPHATIC PETROLEUM DISTILLATE		8032-32-4	**
P-O-W AEROSOL	3355	Mix/L	H-3/F-2/R-1	FPRA-	3	56	84	14	OZ	F 2 4	5	1,1,1-TRICHLOROETHANE	80	71-55-6	
												2-BUTANOL	5	78-92-2	
												DIMETHOXYMETHANE		109-87-5	
												PROPOXUR	2	114-26-1	**
Paint, Enamel	1263	Mix/L	H-2/F-3/R-2	F--A-	3	2	3	1	GAL	F 1 4	25	ACETONE		67-64-1	
												TOLUENE		108-88-3	
												XYLENE		1330-20-7	**
PROPANE	1978	Mix/G	H-1/F-4/R-0	FP---	2.1	13	20	4	CUFT	L 2 4	2	PROPANE		74-98-6	**
RK-351 Solvent Degreaser	3082	Mix/L	H-0/F-2/R-0	----	3	37	55	55	GAL	D 1 4	454	MINERAL SPIRITS	50	64475-85-0	
												TRIPROPYLENE GLYCOL METHYL ETHER	12	25498-49-1	
ROYBOND 747 PRIMER	1263	Mix/L	H-2/F-3/R-2	F--A-	3	96	144	12	OZ	F 2 4	9	METHYL ETHYL KETONE	5	78-93-3	
												PITCH, COAL TAR	10	65996-93-2	
												TOLUENE	55	108-88-3	**
RUST-OLEUM PRIMER PAINT	1263	Mix/L	H-2/F-3/R-2	F--A-	3	3	5	1	QTS	F 1 4	10	NAPHTHA: STODDARD SOLVENT	24	8052-41-3	**
SEALING CEMENT	3082	Mix/S	H-1/F-0/R-0	---A-	9	7	10	10	LBS	F 1 4	10	CALCIUM ALUMINATE		65997-16-2	
												CITRIC ACID		77-92-9	
												LITHIUM CARBONATE		554-13-2	
												SILICA, CRYSTALLINE-QUARTZ		14808-60-7	
												SILICA, FUSED		60676-86-0	**
SSR ULTRA COOLANT	3082	Mix/L	H-1/F-1/R-0	---A-	9	7	10	5	GAL	N 1 4	83	PENTAERYTHRITOL		115-77-5	
												Polyoxyalkolene glycol			**
STEP-SAFE PART A	3082	Mix/L	H-1/F-1/R-0	---A-	9	3	4	1	GAL	F 1 4	33	RESIN COMPOUND, CONTAINS < = 50% BY WEIGHT RESIN, [COMBUSTIBLE LIQUID]	40		**
STEP-SAFE PART B	3082	Mix/L	H-1/F-1/R-0	---A-	9	5	8	1	QTS	F 1 4	17	TETRAETHYLENEPENTAMINE	10	112-57-2	**
THREAD-EZE	1270	Mix/L	H-1/F-1/R-0	---A-	9	48	72	12	OZ	F 2 4	4	HYDROTREATED HV. NAPHTHENIC OIL		64742-52-5	
												HYDROTREATED LT. NAPHTHENIC OIL		64472-53-6	**
TOTAL LUBE #911	3077	Mix/S	H-1/F-1/R-0	---A-	9	167	250	10	LBS	F 1 4	250	BUTYL BENZYL PHTHALATE	21	85-68-7	
												GLYCERIN	5	56-81-5	
												SILICA, AMORPHOUS HYDRATED	5	7631-86-9	**
TOTAL LUBE #911	3077	Mix/S	H-1/F-1/R-0	---A-	9	133	200	10	OZ	R 1 4	12	BUTYL BENZYL PHTHALATE	21	85-68-7	
												GLYCERIN	5	56-81-5	
												SILICA, AMORPHOUS HYDRATED	5	7631-86-9	**
UNLEADED GASOLINE	1203	Mix/L	H-1/F-3/R-0	F--A-	3	1	2	1	GAL	N 1 4	13	BENZENE	4.9	71-43-2	
												ETHYL BENZENE	1.4	100-41-4	
												M-XYLENE	4.6	108-38-3	
												METHYL TERT-BUTYL ETHER	15	1634-04-4	
												TOLUENE	6.5	108-88-3	**
UNLEADED GASOLINE	1203	Mix/L	H-1/F-3/R-0	F--A-	3	7	10	5	GAL	F 1 4	63	BENZENE	4.9	71-43-2	
												ETHYL BENZENE	1.4	100-41-4	
												M-XYLENE	4.6	108-38-3	
												METHYL TERT-BUTYL ETHER	15	1634-04-4	
												TOLUENE	6.5	108-88-3	**
Valve cleaner	1956	Mix/S	H-3/F-1/R-0	---A-	2	93	140	10	LBS	F 1 4	140	1,1,1-TRICHLOROETHANE	48	71-55-6	
												GLYCERIN	5	56-81-5	
												SILICA, AMORPHOUS HYDRATED	5	7631-86-9	**
Valve cleaner	1956	Mix/S	H-3/F-1/R-0	---A-	2	133	200	10	OZ	R 1 4	12	1,1,1-TRICHLOROETHANE	48	71-55-6	
												GLYCERIN	5	56-81-5	
												SILICA, AMORPHOUS HYDRATED	5	7631-86-9	**
VALVE FLUSH	3082	Mix/L	H-1/F-1/R-0	---A-	9	1	2	1	GAL	F 1 4	17	NO HAZARDOUS INGREDIENTS PER 29 CFR 1910. 1200			**
VALVE SEALANT NO. 5050	3077	Mix/L	H-1/F-1/R-0	---A-	9	80	120	10	OZ	R 1 4	8	BUTYL BENZYL PHTHALATE	21	85-68-7	
												GLYCERIN	5	56-81-5	
												SILICA, AMORPHOUS HYDRATED	5	7631-86-9	
												TITANIUM DIOXIDE	.5	13463-67-7	**
VALVE SEALANT NO. 5050	3077	Mix/S	H-1/F-1/R-0	---A-	9	67	100	10	LBS	F 1 4	100	BUTYL BENZYL PHTHALATE	21	85-68-7	

												GLYCERIN	5	56-81-5	
												SILICA, AMORPHOUS HYDRATED	5	7631-86-9	
												TITANIUM DIOXIDE	.5	13463-67-7	**
Waterbased Spray Chalk (20A)	1956	Mix/L	H-2/F-2/R-0	-P-A-	2.2	960	1,440	16	OZ	F 2 4	94	2-PROPANOL	14	67-63-0	
												PROPANE	27	74-98-6	**

Location: YARD//NW/BLDG D/C3

Trade Name	DOT No	Physical State	NFPA Diamond	Hazard Codes*	Hazard Class	Avg Amt	Max Amt	Largest Cont	Unit	Cont Code ***	Max Lbs	Chemical Component	% WT	CAS Number	** If EHS
Air, Compressed	1002	Mix/G	H-0/F-0/R-0	-P---	2.2	2,800	5,000	5,000	CUFT	A 2 4	310	NITROGEN	78	7727-37-9	
												OXYGEN	21	7782-44-7	**

Location: YARD//PIPELINE LIQUID DRUM STOR/C4

Trade Name	DOT No	Physical State	NFPA Diamond	Hazard Codes*	Hazard Class	Avg Amt	Max Amt	Largest Cont	Unit	Cont Code ***	Max Lbs	Chemical Component	% WT	CAS Number	** If EHS
PIPELINE LIQUIDS	1993	Mix/L	H-2/F-3/R-1	F--A-	3	293	440	55	GAL	D 1 4	3,671	ALIPHATIC HYDROCARBONS	85	64742-48-9	
												BENZENE	2	71-43-2	
												TOLUENE	6	108-88-3	
												XYLENE	7	1330-20-7	**

Location: YARD//PIPING STORAGE AREA/E2

Trade Name	DOT No	Physical State	NFPA Diamond	Hazard Codes*	Hazard Class	Avg Amt	Max Amt	Largest Cont	Unit	Cont Code ***	Max Lbs	Chemical Component	% WT	CAS Number	** If EHS
CARBON VENT-SORB	3077	Mix/L	H-1/F-1/R-0	---A-	9	73	110	55	GAL	D 1 4	918	CARBON	99	7440-44-0	**
DEVOE COATINGS #247 EPOXY MASTIC	1263	Mix/L	H-2/F-3/R-2	F--A-	3	1	2	1	GAL	F 1 4	17	CHLOROHYDRINS		106-89-8	
												SILICA, CRYSTALLINE-QUARTZ		14808-60-7	
												TOLUENE		108-88-3	**
POWERCRETE J PART A	3082	Mix/S	H-1/F-1/R-0	---A-	9	67	100	10	LBS	N 1 4	100	BISPHENOL A DIGLYCIDYL ETHER RESIN		25068-38-6	**
STAC PRIME	3077	Mix/L	H-1/F-1/R-0	---A-	9	27	40	1	GAL	N 1 4	334	NO HAZARDOUS INGREDIENTS PER 29 CFR 1910. 1200			**
WAX-TAPE PRIMER	3077	Mix/L	H-1/F-1/R-0	---A-	9	1	1	1	GAL	N 1 4	8	NO HAZARDOUS INGREDIENTS PER 29 CFR 1910. 1200			**

* HAZARD CODES: F-Fire, P-Sudden Release of pressure, R-Reactive, A-Acute health hazard, C-Chronic health hazard

** Extremely hazardous substance / Acutely hazardous material (If applicable, prints in far right column)

*** CONTAINER CODES: A-Aboveground tank, B-Belowground Tank, C-Tank inside building, D-Steel drum, E-Plastic or non-metallic drum, F-Can, G-Carboy, H-Silo, I-Fiber drum, J-Bag, K-Box, L-Cylinder, M-Glass bottle, n-Plastic bottle, O-Tote bin, P-Tank wagon, Q-Rail car, R-Other
PRESSURE CODES: 1-Ambient, 2-Above ambient, 3-Below ambient
TEMPERATURE CODES: 4-Ambient, 5-Above ambient, 6-Below ambient, 7-Cryogenic

TABLE 3-2

HAZARDOUS WASTE INVENTORY

HAZARDOUS WASTE INVENTORY - MILPITAS GAS TERMINAL
EPA ID Number:CAD981373004
Report Date: 6/5/2006

Location: BLDG B, MAINT. SHOP//HWAA IN GARAGE/ER-D5

Trade Name	State No	DOT No	Physical State	Hazard Codes*	Hazard Class	Avg Amt	Max Amt	Unit	Cont Code ***	Annual Amt Lbs	Largest Cont.	Cont. Unit	Days on Site
WASTE EMPTY AEROSOLS	343	1950	Mix/S	FP---	2.1	30	120	LBS	D14	0	55	GAL	365
WASTE SODIUM VAPOR LAMPS	181	3077	Mix/S	---A-	9	10	40	LBS	F14	0	5	GAL	365
WASTE WET CELL BATTERIES	181	2794	Mix/S	---A-	8	12	45	LBS	F14	0	30	GAL	365

Location: YARD//HAZ MAT/WASTE STO BLDG A/C4

Trade Name	State No	DOT No	Physical State	Hazard Codes*	Hazard Class	Avg Amt	Max Amt	Unit	Cont Code ***	Annual Amt Lbs	Largest Cont.	Cont. Unit	Days on Site
USED OIL FOR RECYCLING	223	1270	Mix/L	---A-	3	14	55	GAL	D14	0	55	GAL	365
WASTE ANTIFREEZE	343	3082	Mix/L	----	3	37	55	GAL	D14	484	55	GAL	365
WASTE EMPTY CONTAINERS LESS THAN 30 GALLONS	513	3077	Mix/S	----	9	27	110	LBS	D14	60	55	GAL	365
WASTE GASOLINE, DIESEL, AND WATER MIXTURE	343	1993	Mix/L	F---	3	14	55	GAL	D14	0	55	GAL	365
WASTE OILY RAGS	221		Mix/S	----		60	240	LBS	D14	0	55	GAL	365
WASTE PAINT RELATED MATERIAL	331	1263	Mix/S	F---	3	35	140	LBS	D14	140	55	GAL	365
WASTE SOIL/DEBRIS WITH OIL, DIESEL FUEL, AND TPH	223		Mix/S	----		65	260	LBS	D14	420	55	GAL	365
WASTE WET CELL BATTERIES	792	2794	Mix/S	---A-	8	18	70	LBS	D14	0	55	GAL	365

* HAZARD CODES: F-Fire, P-Sudden Release of pressure, R-Reactive, A-Acute health hazard, C-Chronic health hazard

*** CONTAINER CODES: A-Aboveground tank, B-Belowground Tank, C-Tank inside building, D-Steel drum, E-Plastic or non-metallic drum, F-Can, G-Carboy, H-Silo, I-Fiber drum, J-Bag, K-Box, L-Cylinder, M-Glass bottle, n-Plastic bottle, O-Tote bin, P-Tank wagon, Q-Rail car, R-Other
PRESSURE CODES: 1-Ambient, 2-Above ambient, 3-Below ambient
TEMPERATURE CODES: 4-Ambient, 5-Above ambient, 6-Below ambient, 7-Cryogenic

HAZARDOUS MATERIALS BUSINESS PLAN CERTIFICATION FORM

For Use by Unidocs Member Agencies or where approved by your Local Jurisdiction
Authority Cited: Health and Safety Code §25503.3(c); 19 CCR §2729.5(c)

To: Agency Name: **Mipitas Fire Department**
Agency Mailing Address: **455 E. Calaveras Blvd.**
Milpitas, CA 95035

Pursuant to Section 25503.3(c) of California Health and Safety Code (HSC), the Hazardous Materials Business Plan (HMBP) certification described below is hereby submitted for the following facility:

Facility Name: Milpitas Gas Terminal

Facility Street Address: 66 Ranch Drive City: Milpitas

Date of Current HMBP: July 1, 2006

I certify that: *(Check the appropriate box.)*

☐ I have personally reviewed the Hazardous Materials Business Plan currently on file with your agency and certify that the HMBP is complete and accurate. *(See bottom of page for details.)* If this facility is subject to Federal Emergency Planning and Community Right to Know Act (EPCRA) reporting requirements, I have submitted the following documents with this Certification Form: Unified Program Consolidated Form (UPCF) Business Activities page; UPCF Business Owner/Operator Identification page with current signature and date; Hazardous Materials Inventory Statement page(s) with an original signature, photocopy of an original signature, or signature stamp on each page for all Extremely Hazardous Substances (EHS) handled at or above their Federal Threshold Planning Quantity (TPQ) or 500 pounds, whichever is less.

or

☒ Revisions to the Hazardous Materials Business Plan are necessary. The HMBP as revised is being implemented. A copy of the revisions is enclosed with this Certification along with a signed Unified Program Consolidated Form (UPCF) Business Owner/Operator Identification page and UPCF Business Activities page if the HMBP revision include changes to the Hazardous Materials Inventory Statement.

OWNER/OPERATOR CERTIFICATION: I hereby certify under penalty of law that, based upon my inquiry of those individuals responsible for obtaining the information reported above, I believe that the submitted information is true, accurate, and complete. I understand that a revised HMBP must be submitted within 30 days of any change in this facility's storage or handling of hazardous materials which would require updating of the HMBP.

Name of Owner/Operator *(Print)*: Mike Painter Title: District Superintendent

Signature of Owner/Operator: M. Painter Date: 8-31-06

By checking the upper box on this form, you are certifying that:

- The information contained in the HMBP most recently submitted is complete, accurate, and up-to-date; **and**
- There has been no change in the quantity of any hazardous material as reported in the most recently submitted Hazardous Materials Inventory forms; **and**
- The facility has not begun handling any hazardous material in a HMBP reportable quantity which is not currently listed in the zardous Materials Inventory; **and**
- ...e most recently submitted HMBP contains the information required by Section 11022 of Title 42 of the United States Code; **and**
- There have been no substantial changes in the facility's hazardous materials operations which would require revision of the

UNIFIED PROGRAM CONSOLIDATED FORM

FACILITY INFORMATION

BUSINESS ACTIVITIES

I. FACILITY IDENTIFICATION

FACILITY ID #	EPA ID # (Hazardous Waste Only) 2
	CAD981373004

BUSINESS NAME (Same as FACILITY NAME or DBA-Doing Business As) 3

PG&E Milpitas Gas Terminal

II. ACTIVITIES DECLARATION

NOTE: If you check YES to any part of this list, please submit the Business Owner/Operator Identification page (OES Form 2730).

Does your facility...	If Yes, please complete these pages of the UPCF...	
A. HAZARDOUS MATERIALS Have on site (for any purpose) hazardous materials at or above 55 gallons for liquids, 500 pounds for solids, or 200 cubic feet for compressed gases (include liquids in ASTs and USTs); or the applicable Federal threshold quantity for an extremely hazardous substance specified in 40 CFR Part 355, Appendix A or B; or handle radiological materials in quantities for which an emergency plan is required pursuant to10 CFR Parts 30, 40 or 70?	☒YES ☐NO 4	✔ HAZARDOUS MATERIALS INVENTORY - CHEMICAL DESCRIPTION (OES 2731)
B. UNDERGROUND STORAGE TANKS (USTs) 1. Own or operate underground storage tanks?	☒YES ☐NO 5	✔ UST FACILITY (Formerly SWRCB Form A) ✔ UST TANK (one page per tank) (Formerly Form B)
2. Intend to upgrade existing or install new USTs?	☐YES ☒NO 6	✔ UST FACILITY ✔ UST TANK (one per tank) ✔ UST INSTALLATION - CERTIFICATE of COMPLIANCE (one page per tank)(Formerly Form C)
3. Need to report closing a UST?	☐YES ☒NO 7	✔ UST TANK (closure portion--one page per tank)
C. ABOVE GROUND PETROLEUM STORAGE TANKS (ASTs) Own or operate ASTs above these thresholds: ---any tank capacity is greater than 660 gallons, or ---the total capacity for the facility is greater than 1,320 gallons?	☒YES ☐NO 8	✔ NO FORM REQUIRED TO CUPAS
D. HAZARDOUS WASTE 1. Generate hazardous waste?	☒YES ☐NO 9	✔ EPA ID NUMBER---provide at the top of this page
2. Recycle more than 100 kg/month of excluded or exempted recyclable materials (per HSC §25143.2)?	☐YES ☒NO 10	✔ RECYCLABLE MATERIALS REPORT (one per recycler)
3. Treat hazardous waste on site?	☐YES ☒NO 11	✔ ONSITE HAZARDOUS WASTE TREATMENT - FACILITY (Formerly DTSC Form 1772) ✔ ONSITE HAZARDOUS WASTE TREATMENT - UNIT (one page per unit) (Formerly DTSC Forms 1772A,B,C,D, and L)
4. Treatment subject to financial assurance requirements (for Permit by Rule and Conditional Authorization)?	☐YES ☒NO 12	✔ CERTIFICATION OF FINANCIAL ASSURANCE (Formerly DTSC Form 1232)
5. Consolidate hazardous waste generated at a remote site?	☒YES ☐NO 13	✔ REMOTE WASTE / CONSOLIDATION SITE ANNUAL NOTIFICATION (Formerly DTSC Form 1196)
6. Need to report the closure/removal of a tank that was classified as hazardous waste and cleaned onsite?	☐YES ☒NO 14	✔ HAZARDOUS WASTE TANK CLOSURE CERTIFICATION (Formerly DTSC Form 1249)
E. LOCAL REQUIREMENTS 15		

(You may also be required to provide additional information by your CUPA or local agency.)

U...FIED PROGRAM CONSOLIDATE... ORM

FACILITY INFORMATION

BUSINESS OWNER/OPERATOR IDENTIFICATION FORM

I. IDENTIFICATION

FACILITY ID#		BEGINNING DATE 100	ENDING DATE 101
	1	07/01/2006	06/30/2007

BUSINESS NAME (Same as FACILITY NAME or DBA – Doing Business As) 3	BUSINESS PHONE 102
Pacific Gas and Electric Company – Milpitas Gas Terminal	408-945-6214

BUSINESS ADDRESS 103: 66 Ranch Drive

CITY 104		ZIP CODE 105
Milpitas	CA	95035

DUN & BRADSTREET 106	SIC CODE (4 digit #) 107
00-691-2877	4922

COUNTY 108: Santa Clara

BUSINESS OPERATOR NAME 109	BUSINESS OPERATOR PHONE 110
Pacific Gas and Electric Company	408-945-6214

II. BUSINESS OWNER

OWNER NAME 111	OWNER PHONE 112
Pacific Gas and Electric Company	415-974-7000

OWNER MAILING ADDRESS 113: P.O. Box 770000 (77 Beale Street)

CITY 114	STATE 115	ZIP CODE 116
San Francisco	CA	94177

III. ENVIRONMENTAL CONTACT

CONTACT NAME 227	CONTACT PHONE 118
Ann-Marie Cardoso	510-784-3208

CONTACT MAILING ADDRESS 119: 24300 Clawiter Road

CITY 120	STATE 121	ZIP CODE 122
Hayward	CA	94545

IV. EMERGENCY CONTACTS

-PRIMARY-	-SECONDARY-
NAME 123: Mike Painter	NAME 128: David Germann
TITLE 124: District Superintendent	TITLE 129: Gas Maintenance Supervisor
BUSINESS PHONE 125: 408-945-6214	BUSINESS PHONE 130: 925-513-4845
24-HOUR PHONE 126: 800 811-4111	24-HOUR PHONE 131: 800 811-4111
PAGER # 127	PAGER # 132

ADDITIONAL LOCALLY COLLECTED INFORMATION

Certification: Based on my inquiry of those individuals responsible for obtaining the information, I certify under penalty of law that I have personally examined and am familiar with the information submitted and believe the information is true, accurate, and complete.

SIGNATURE OF OWNER/OPERATOR OR DESIGNATED REPRESENTATIVE	DATE 134	NAME OF DOCUMENT PREPARER 135
Mike Painter	8-31-06	Cynthia Pappas
NAME OF SIGNER (PRINT) 136	TITLE OF SIGNER 137	
Mike Painter	District Superintendent	

'nified Program Consolidated Form

HAZARDOUS MATERIALS

HAZARDOUS MATERIALS INVENTORY - CHEMICAL DESCRIPTION

(one page per material per building or area)

☐ ADD ☐ DELETE ☐ REVISE 200

I. FACILITY INFORMATION

BUSINESS NAME (Same as FACILITY NAME or DBA - Doing Business As) 3
MILPITAS GAS TERMINAL

CHEMICAL LOCATION 201
Building: BLDG B, MAINT. SHOP / Location: FLAM CAB IN GARAGE

CHEMICAL LOCATION CONFIDENTIAL - EPCRA 202 ☐ Yes ☒ No

FACILITY ID # 1 MAP # (optional) See figure 2.1 203 GRID # (optional) E4-D5 204

II. CHEMICAL INFORMATION

CHEMICAL NAME 205

TRADE SECRET 206 ☐ Yes ☒ No
If subject to EPCRA, refer to instructions

COMMON NAME 207
Charcoal Lighter

EHS* 208 ☐ Yes ☒ No

CAS # 209

* If EHS is 'Yes' all amounts below must be in lbs.

FIRE CODE HAZARD CLASSES (Complete if required by CUPA) 210
Combustible Liquid(CL2)

HAZARDOUS MATERIAL TYPE (Check one item only) ☐ a. PURE ☒ b. MIXTURE ☐ c. WASTE 211 RADIOACTIVE ☐ Yes ☒ No 212 CURIES 213

PHYSICAL STATE (Check one item only) ☐ a. SOLID ☒ b. LIQUID ☐ c. GAS 211 LARGEST CONTAINER 0.50 215

FED HAZARD CATEGORIES (Check all that apply) ☐ a. FIRE ☐ b. REACTIVE ☐ c. PRESSURE RELEASE ☒ d. ACUTE HEALTH ☐ e. CHRONIC HEALTH 216

AVERAGE DAILY AMOUNT 1.00 217 MAXIMUM DAILY AMOUNT 1.50 218 ANNUAL WASTE AMOUNT 219 STATE WASTE CODE 220

UNIT* (Check one item only) ☒ a. GALLONS ☐ b. CUBIC FEET ☐ c. POUNDS ☐ d. TONS
* If EHS, amount must be in pounds
221 DAYS ON SITE 365 222

STORAGE CONTAINER (Ch that apply) 223
☐ a. ABOVEGROUND TANK ☐ b. UNDERGROUND TANK ☐ c. TANK INSIDE BUILDING ☐ d. STEEL DRUM
☐ e. PLASTIC DRUM ☐ f. CAN ☐ g. CARBOY ☐ h. SILO
☐ i. FIBER DRUM ☐ j. BAG ☐ k. BOX ☐ l. CYLINDER
☐ m. GLASS BOTTLE ☒ n. PLASTIC BOTTLE ☐ o. TOTE BIN ☐ p. TANK WAGON
☐ q. RAIL CAR ☐ r. OTHER

STORAGE PRESSURE 224 ☒ a. AMBIENT ☐ b. ABOVE AMBIENT ☐ c. BELOW AMBIENT

STORAGE TEMPERATURE 225 ☒ a. AMBIENT ☐ b. ABOVE AMBIENT ☐ c. BELOW AMBIENT ☐ d. CRYOGENIC

	%WT	HAZARDOUS COMPONENT (for mixture or waste only)	EHS	CAS #
1	226 99	227 ALIPHATIC HYDROCARBONS	228 ☐ Yes ☒ No	229 64742-48-9
2	230	231	232 ☐ Yes ☒ No	233
3	234	235	236 ☐ Yes ☒ No	237
4	238	239	240 ☐ Yes ☒ No	241
5	242	243	244 ☐ Yes ☒ No	245

If more hazardous components are present at greater than 1% by weight if non-carcinogenic, or 0.1% by weidht if carcinogenic, attach addilional sheets of paper capturing the required information:

ADDITIONAL LOCALLY COLLECTED INFORMATION: 246

If EPCRA, Please Sign Here

'nified Program Consolidated Form

HAZARDOUS MATERIALS

HAZARDOUS MATERIALS INVENTORY - CHEMICAL DESCRIPTION

(one page per material per building or area)

☐ ADD ☐ DELETE ☐ REVISE 200

I. FACILITY INFORMATION

BUSINESS NAME (Same as FACILITY NAME or DBA - Doing Business As) 3
MILPITAS GAS TERMINAL

CHEMICAL LOCATION 201
Building: BLDG B, MAINT. SHOP / Location: FLAM CAB IN GARAGE

CHEMICAL LOCATION CONFIDENTIAL - EPCRA 202 ☐ Yes ☒ No

FACILITY ID # 1 | MAP # (optional) See figure 2.1 203 | GRID # (optional) E4-D5 204

II. CHEMICAL INFORMATION

CHEMICAL NAME 205

TRADE SECRET 206 ☐ Yes ☒ No
If subject to EPCRA, refer to instructions

COMMON NAME 207
GASOLINE/OIL MIXTURE

EHS* 208 ☐ Yes ☒ No

CAS # 209

If EHS is 'Yes' all amounts below must be in lbs.

FIRE CODE HAZARD CLASSES (Complete if required by CUPA) 210
Combustible Liquid(CL2)

HAZARDOUS MATERIAL TYPE (Check one item only) ☐ a. PURE ☒ b. MIXTURE ☐ c. WASTE 211

RADIOACTIVE ☐ Yes ☒ No 212 | CURIES 213

PHYSICAL STATE (Check one item only) ☐ a. SOLID ☒ b. LIQUID ☐ c. GAS 211

LARGEST CONTAINER 215
1.00

FED HAZARD CATEGORIES (Check all that apply) ☐ a. FIRE ☒ b. REACTIVE ☐ c. PRESSURE RELEASE ☐ d. ACUTE HEALTH ☐ e. CHRONIC HEALTH 216

AVERAGE DAILY AMOUNT	MAXIMUM DAILY AMOUNT	ANNUAL WASTE AMOUNT	STATE WASTE CODE
1.00 217	1.00 218	219	220

UNIT* (Check one item only) ☒ a. GALLONS ☐ b. CUBIC FEET ☐ c. POUNDS ☐ d. TONS 221
* If EHS, amount must be in pounds

DAYS ON SITE 222
365

STORAGE CONTAINER (Check all that apply) 223

☐ a. ABOVEGROUND TANK	☐ e. PLASTIC DRUM	☐ i. FIBER DRUM	☐ m. GLASS BOTTLE	☐ q. RAIL CAR
☐ b. UNDERGROUND TANK	☐ f. CAN	☐ j. BAG	☒ n. PLASTIC BOTTLE	☐ r. OTHER
☐ c. TANK INSIDE BUILDING	☐ g. CARBOY	☐ k. BOX	☐ o. TOTE BIN	
☐ d. STEEL DRUM	☐ h. SILO	☐ l. CYLINDER	☐ p. TANK WAGON	

STORAGE PRESSURE 224 ☒ a. AMBIENT ☐ b. ABOVE AMBIENT ☐ c. BELOW AMBIENT

STORAGE TEMPERATURE 225 ☒ a. AMBIENT ☐ b. ABOVE AMBIENT ☐ c. BELOW AMBIENT ☐ d. CRYOGENIC

	%WT	HAZARDOUS COMPONENT (for mixture or waste only)	EHS	CAS #
1	226 UNK	227 BENZENE	228 ☐ Yes ☒ No	229 71-43-2
2	230 UNK	231 ETHYL ALCOHOL	232 ☐ Yes ☒ No	233 64-17-5
3	234 UNK	235 METHYL TERT-BUTYL ETHER	236 ☐ Yes ☒ No	237 1634-04-4
4	238	239	240 ☐ Yes ☒ No	241
5	242	243	244 ☐ Yes ☒ No	245

If more hazardous components are present at greater than 1% by weight if non-carcinogenic, or 0.1% by weidht if carcinogenic, attach additional sheets of paper capturing the required information:

ADDITIONAL LOCALLY COLLECTED INFORMATION: 246

If EPCRA, Please Sign Here

'nified Program Consolidated Form

HAZARDOUS MATERIALS

HAZARDOUS MATERIALS INVENTORY - CHEMICAL DESCRIPTION

(one page per material per building or area)

☐ ADD ☐ DELETE ☐ REVISE 200

I. FACILITY INFORMATION

BUSINESS NAME (Same as FACILITY NAME or DBA - Doing Business As) 3
MILPITAS GAS TERMINAL

CHEMICAL LOCATION 201
Building: BLDG B, MAINT. SHOP / Location: FLAM CAB IN GARAGE

CHEMICAL LOCATION CONFIDENTIAL - EPCRA 202 ☐ Yes ☒ No

FACILITY ID # 1 MAP # (optional) See figure 2.1 203 GRID # (optional) E4-D5 204

II. CHEMICAL INFORMATION

CHEMICAL NAME 205

TRADE SECRET 206 ☐ Yes ☒ No
If subject to EPCRA, refer to instructions

COMMON NAME 207
MOTOR OIL SAE 50

EHS* 208 ☐ Yes ☒ No

CAS # 209

If EHS is 'Yes' all amounts below must be in lbs.

FIRE CODE HAZARD CLASSES (Complete if required by CUPA) 210
Combustible Liquid(CL3B)

HAZARDOUS MATERIAL TYPE (Check one item only) ☐ a. PURE ☒ b. MIXTURE ☐ c. WASTE 211 RADIOACTIVE ☐ Yes ☒ No 212 CURIES 213

PHYSICAL STATE (Check one item only) ☐ a. SOLID ☒ b. LIQUID ☐ c. GAS 211 LARGEST CONTAINER 0.25 215

FED HAZARD CATEGORIES (Check all that apply) ☐ a. FIRE ☐ b. REACTIVE ☐ c. PRESSURE RELEASE ☒ d. ACUTE HEALTH ☐ e. CHRONIC HEALTH 216

AVERAGE DAILY AMOUNT 2.00 217 MAXIMUM DAILY AMOUNT 3.00 218 ANNUAL WASTE AMOUNT 219 STATE WASTE CODE 220

UNIT* (Check one item only) ☒ a. GALLONS ☐ b. CUBIC FEET ☐ c. POUNDS ☐ d. TONS
* If EHS, amount must be in pounds
221 DAYS ON SITE 365 222

STORAGE CONTAINER (Check all that apply) 223
☐ a. ABOVEGROUND TANK ☐ e. PLASTIC DRUM ☐ i. FIBER DRUM ☐ m. GLASS BOTTLE ☐ q. RAIL CAR
☐ b. UNDERGROUND TANK ☐ f. CAN ☐ j. BAG ☒ n. PLASTIC BOTTLE ☐ r. OTHER
☐ c. TANK INSIDE BUILDING ☐ g. CARBOY ☐ k. BOX ☐ o. TOTE BIN
☐ d. STEEL DRUM ☐ h. SILO ☐ l. CYLINDER ☐ p. TANK WAGON

STORAGE PRESSURE 224 ☒ a. AMBIENT ☐ b. ABOVE AMBIENT ☐ c. BELOW AMBIENT

STORAGE TEMPERATURE 225 ☒ a. AMBIENT ☐ b. ABOVE AMBIENT ☐ c. BELOW AMBIENT ☐ d. CRYOGENIC

	%WT	HAZARDOUS COMPONENT (for mixture or waste only)	EHS	CAS #
1	226 60	227 DEWAXED HEAVY PARAFFINIC SOLVENT	228 ☐ Yes ☒ No	229 64742-65-0
2	230	231	232 ☐ Yes ☒ No	233
3	234	235	236 ☐ Yes ☒ No	237
4	238	239	240 ☐ Yes ☒ No	241
5	242	243	244 ☐ Yes ☒ No	245

If more hazardous components are present at greater than 1% by weight if non-carcinogenic, or 0.1% by weidht if carcinogenic, attach additional sheets of paper capturing the required information:

ADDITIONAL LOCALLY COLLECTED INFORMATION: 246

If EPCRA, Please Sign Here

'nified Program Consolidated Form

HAZARDOUS MATERIALS

HAZARDOUS MATERIALS INVENTORY - CHEMICAL DESCRIPTION

(one page per material per building or area)

☐ ADD ☐ DELETE ☐ REVISE 200

I. FACILITY INFORMATION

BUSINESS NAME (Same as FACILITY NAME or DBA - Doing Business As) 3
MILPITAS GAS TERMINAL

CHEMICAL LOCATION 201
Building: BLDG B, MAINT. SHOP / Location: FLAM CAB IN GARAGE

CHEMICAL LOCATION CONFIDENTIAL - EPCRA 202 ☐ Yes ☒ No

FACILITY ID # 1 MAP # (optional) See figure 2.1 203 GRID # (optional) E4-D5 204

II. CHEMICAL INFORMATION

CHEMICAL NAME 205

TRADE SECRET 206 ☐ Yes ☒ No
If subject to EPCRA, refer to instructions

COMMON NAME 207
MULTI-PURPOSE GREASE

EHS* 208 ☐ Yes ☒ No

CAS # 209

If EHS is 'Yes' all amounts below must be in lbs.

FIRE CODE HAZARD CLASSES (Complete if required by CUPA) 210
Toxic solid(TS)

HAZARDOUS MATERIAL TYPE (Check one item only) ☐ a. PURE ☒ b. MIXTURE ☐ c. WASTE 211

RADIOACTIVE ☐ Yes ☒ No 212 CURIES 213

PHYSICAL STATE (Check one item only) ☒ a. SOLID ☐ b. LIQUID ☐ c. GAS 211

LARGEST CONTAINER 0.87 215

FED HAZARD CATEGORIES (Check all that apply) ☐ a. FIRE ☐ b. REACTIVE ☐ c. PRESSURE RELEASE ☒ d. ACUTE HEALTH ☐ e. CHRONIC HEALTH 216

AVERAGE DAILY AMOUNT 2.29 217 MAXIMUM DAILY AMOUNT 3.47 218 ANNUAL WASTE AMOUNT 219 STATE WASTE CODE 220

UNIT* (Check one item only) ☐ a. GALLONS ☐ b. CUBIC FEET ☒ c. POUNDS ☐ d. TONS
* If EHS, amount must be in pounds

221 DAYS ON SITE 365 222

STORAGE CONTAINER (Check all that apply) 223

☐ a. ABOVEGROUND TANK	☐ e. PLASTIC DRUM	☐ i. FIBER DRUM	☐ m. GLASS BOTTLE	☐ q. RAIL CAR
☐ b. UNDERGROUND TANK	☐ f. CAN	☐ j. BAG	☐ n. PLASTIC BOTTLE	☒ r. OTHER
☐ c. TANK INSIDE BUILDING	☐ g. CARBOY	☐ k. BOX	☐ o. TOTE BIN	
☐ d. STEEL DRUM	☐ h. SILO	☐ l. CYLINDER	☐ p. TANK WAGON	

STORAGE PRESSURE ☒ a. AMBIENT ☐ b. ABOVE AMBIENT ☐ c. BELOW AMBIENT 224

STORAGE TEMPERATURE ☒ a. AMBIENT ☐ b. ABOVE AMBIENT ☐ c. BELOW AMBIENT ☐ d. CRYOGENIC 225

	%WT	HAZARDOUS COMPONENT (for mixture or waste only)	EHS	CAS #
1	226 UNK	227 HEAVY SOLVENT REFINED NAPHTHENIC OIL	228 ☐ Yes ☒ No	229 64741-96-4
2	230 UNK	231 OIL MIST, MINERAL	232 ☐ Yes ☒ No	233 8012-95-1
3	234	235	236 ☐ Yes ☒ No	237
4	238	239	240 ☐ Yes ☒ No	241
5	242	243	244 ☐ Yes ☒ No	245

If more hazardous components are present at greater than 1% by weight if non-carcinogenic, or 0.1% by weidht if carcinogenic, attach additional sheets of paper capturing the required information:

ADDITIONAL LOCALLY COLLECTED INFORMATION: 246

If EPCRA, Please Sign Here

'nified Program Consolidated Form

HAZARDOUS MATERIALS

HAZARDOUS MATERIALS INVENTORY - CHEMICAL DESCRIPTION

(one page per material per building or area)

☐ ADD ☐ DELETE ☐ REVISE 200

I. FACILITY INFORMATION

BUSINESS NAME (Same as FACILITY NAME or DBA - Doing Business As) 3
MILPITAS GAS TERMINAL

CHEMICAL LOCATION 201
Building: BLDG B, MAINT. SHOP / Location: FLAM CAB IN GARAGE

CHEMICAL LOCATION CONFIDENTIAL - EPCRA 202 ☐ Yes ☒ No

FACILITY ID # 1 | MAP # (optional) See figure 2.1 203 | GRID # (optional) E4-D5 204

II. CHEMICAL INFORMATION

CHEMICAL NAME 205

TRADE SECRET 206 ☐ Yes ☒ No
If subject to EPCRA, refer to instructions

COMMON NAME 207
ROUNDUP HERBICIDE

EHS* 208 ☐ Yes ☒ No

CAS # 209

If EHS is 'Yes' all amounts below must be in lbs.

FIRE CODE HAZARD CLASSES (Complete if required by CUPA) 210
Combustible Liquid(CL3B)

HAZARDOUS MATERIAL TYPE (Check one item only) ☐ a. PURE ☒ b. MIXTURE ☐ c. WASTE 211

RADIOACTIVE 212 ☐ Yes ☒ No

CURIES 213

PHYSICAL STATE (Check one item only) ☐ a. SOLID ☒ b. LIQUID ☐ c. GAS 211

LARGEST CONTAINER 215
1.00

FED HAZARD CATEGORIES (Check all that apply) 216 ☐ a. FIRE ☐ b. REACTIVE ☐ c. PRESSURE RELEASE ☒ d. ACUTE HEALTH ☐ e. CHRONIC HEALTH

AVERAGE DAILY AMOUNT 217: 1.00

MAXIMUM DAILY AMOUNT 218: 1.00

ANNUAL WASTE AMOUNT 219

STATE WASTE CODE 220

UNIT* (Check one item only) 221 ☒ a. GALLONS ☐ b. CUBIC FEET ☐ c. POUNDS ☐ d. TONS
* If EHS, amount must be in pounds

DAYS ON SITE 222
365

STORAGE CONTAINER (Check all that apply) 223

☐ a. ABOVEGROUND TANK	☐ e. PLASTIC DRUM	☐ i. FIBER DRUM	☐ m. GLASS BOTTLE	☐ q. RAIL CAR
☐ b. UNDERGROUND TANK	☐ f. CAN	☐ j. BAG	☒ n. PLASTIC BOTTLE	☐ r. OTHER
☐ c. TANK INSIDE BUILDING	☐ g. CARBOY	☐ k. BOX	☐ o. TOTE BIN	
☐ d. STEEL DRUM	☐ h. SILO	☐ l. CYLINDER	☐ p. TANK WAGON	

STORAGE PRESSURE 224 ☒ a. AMBIENT ☐ b. ABOVE AMBIENT ☐ c. BELOW AMBIENT

STORAGE TEMPERATURE 225 ☒ a. AMBIENT ☐ b. ABOVE AMBIENT ☐ c. BELOW AMBIENT ☐ d. CRYOGENIC

	%WT	HAZARDOUS COMPONENT (for mixture or waste only)	EHS	CAS #
1	226 UNK	227 ETHOXYLATED TALLOWAMINES	228 ☐ Yes ☒ No	229 61791-26-2
2	230 41	231 GLYPHOSATE	232 ☐ Yes ☒ No	233 1071-83-6
3	234	235	236 ☐ Yes ☒ No	237
4	238	239	240 ☐ Yes ☒ No	241
5	242	243	244 ☐ Yes ☒ No	245

If more hazardous components are present at greater than 1% by weight if non-carcinogenic, or 0.1% by weidht if carcinogenic, attach additional sheets of paper capturing the required information:

ADDITIONAL LOCALLY COLLECTED INFORMATION: 246

If EPCRA, Please Sign Here

'nified Program Consolidated Form

HAZARDOUS MATERIALS

HAZARDOUS MATERIALS INVENTORY - CHEMICAL DESCRIPTION

(one page per material per building or area)

☐ ADD ☐ DELETE ☐ REVISE 200

I. FACILITY INFORMATION

BUSINESS NAME (Same as FACILITY NAME or DBA - Doing Business As) 3
MILPITAS GAS TERMINAL

CHEMICAL LOCATION 201
Building: BLDG B, MAINT. SHOP / Location: FLAM CAB IN GARAGE

CHEMICAL LOCATION CONFIDENTIAL - EPCRA 202 ☐ Yes ☒ No

FACILITY ID # 1 MAP # (optional) See figure 2.1 203 GRID # (optional) E4-D5 204

II. CHEMICAL INFORMATION

CHEMICAL NAME 205

TRADE SECRET 206 ☐ Yes ☒ No
If subject to EPCRA, refer to instructions

COMMON NAME 207
STOPS RUST AUTO PRIMER AEROSOL

EHS* 208 ☐ Yes ☒ No

CAS # 209

If EHS is 'Yes' all amounts below must be in lbs.

FIRE CODE HAZARD CLASSES (Comm A) 210
Flammable Liquid(FL1A,

HAZARDOUS MATERIAL TYPE (Check one item only) ☐ a. PURE ☒ b. MIXTURE ☐ c. WASTE 211 RADIOACTIVE ☐ Yes ☒ No 212 CURIES 213

PHYSICAL STATE (Check one item only) ☐ a. SOLID ☒ b. LIQUID ☐ c. GAS 211 LARGEST CONTAINER 0.09 215

FED HAZARD CATEGORIES (Check all that apply) ☒ a. FIRE ☐ b. REACTIVE ☒ c. PRESSURE RELEASE ☒ d. ACUTE HEALTH ☐ e. CHRONIC HEALTH 216

AVERAGE DAILY AMOUNT 0.38 217 MAXIMUM DAILY AMOUNT 0.56 218 ANNUAL WASTE AMOUNT 219 STATE WASTE CODE 220

UNIT* (Check one item only) ☒ a. GAL ☐ b. CUBIC FEET ☐ c. POUNDS ☐ d. TONS
* If EHS, amount must be in pounds
221 DAYS ON SITE 365 222

STORAGE CONTAINER (Check all that apply) 223

☐ a. ABOVEGROUND TANK	☐ e. PLASTIC DRUM	☐ i. FIBER DRUM	☐ m. GLASS BOTTLE	☐ q. RAIL CAR
☐ b. UNDERGROUND TANK	☒ f. CAN	☐ j. BAG	☐ n. PLASTIC BOTTLE	☐ r. OTHER
☐ c. TANK INSIDE BUILDING	☐ g. CARBOY	☐ k. BOX	☐ o. TOTE BIN	
☐ d. STEEL DRUM	☐ h. SILO	☐ l. CYLINDER	☐ p. TANK WAGON	

STORAGE PRESSURE 224 ☐ a. AMBIENT ☒ b. ABOVE AMBIENT ☐ c. BELOW AMBIENT

STORAGE TEMPERATURE 225 ☒ a. AMBIENT ☐ b. ABOVE AMBIENT ☐ c. BELOW AMBIENT ☐ d. CRYOGENIC

	%WT	HAZARDOUS COMPONENT (for mixture or waste only)	EHS	CAS #
1	226 10	227 ETHYL BENZENE	228 ☐ Yes ☒ No	229 100-41-4
2	230 20	231 HYDRATED MAGNESIUM SILICATE	232 ☐ Yes ☒ No	233 14807-96-6
3	234 30	235 LIQUEFIED PETROLEUM GAS	236 ☐ Yes ☒ No	237 68476-85-7
4	238 15	239 TOLUENE	240 ☐ Yes ☒ No	241 108-88-3
5	242 25	243 XYLENE	244 ☐ Yes ☒ No	245 1330-20-7

If more hazardous components are present at greater than 1% by weight if non-carcinogenic, or 0.1% by weidht if carcinogenic, attach additional sheets of paper capturing the required information:

ADDITIONAL LOCALLY COLLECTED INFORMATION: 246

If EPCRA, Please Sign Here

'nified Program Consolidated Form

HAZARDOUS MATERIALS

HAZARDOUS MATERIALS INVENTORY - CHEMICAL DESCRIPTION

(one page per material per building or area)

☐ ADD ☐ DELETE ☐ REVISE 200

I. FACILITY INFORMATION

BUSINESS NAME (Same as FACILITY NAME or DBA - Doing Business As) 3
MILPITAS GAS TERMINAL

CHEMICAL LOCATION 201
Building: BLDG B, MAINT. SHOP / Location: FLAM CAB IN GARAGE

CHEMICAL LOCATION CONFIDENTIAL - EPCRA 202 ☐ Yes ☒ No

FACILITY ID # 1 | MAP # (optional) See figure 2.1 203 | GRID # (optional) E4-D5 204

II. CHEMICAL INFORMATION

CHEMICAL NAME 205

TRADE SECRET 206 ☐ Yes ☒ No
If subject to EPCRA, refer to instructions

COMMON NAME 207
T-30 SELECT LUBRICANT

EHS* 208 ☐ Yes ☒ No

CAS # 209

If EHS is 'Yes' all amounts below must be in lbs.

FIRE CODE HAZARD CLASSES (Complete if required by CUPA) 210
Irritants(IR)

HAZARDOUS MATERIAL TYPE (Check one item only) ☐ a. PURE ☒ b. MIXTURE ☐ c. WASTE 211

RADIOACTIVE 212 ☐ Yes ☒ No

CURIES 213

PHYSICAL STATE (Check one item only) ☐ a. SOLID ☒ b. LIQUID ☐ c. GAS 211

LARGEST CONTAINER 215
0.25

FED HAZARD CATEGORIES (Check all that apply) 216 ☐ a. FIRE ☐ b. REACTIVE ☐ c. PRESSURE RELEASE ☒ d. ACUTE HEALTH ☐ e. CHRONIC HEALTH

AVERAGE DAILY AMOUNT 0.75 217

MAXIMUM DAILY AMOUNT 1.00 218

ANNUAL WASTE AMOUNT 219

STATE WASTE CODE 220

UNIT* (Check one item only) 221 ☒ a. GALLONS ☐ b. CUBIC FEET ☐ c. POUNDS ☐ d. TONS
* If EHS, amount must be in pounds

DAYS ON SITE 222
365

STORAGE CONTAINER (Check all that apply) 223

☐ a. ABOVEGROUND TANK	☐ e. PLASTIC DRUM	☐ i. FIBER DRUM	☐ m. GLASS BOTTLE	☐ q. RAIL CAR
☐ b. UNDERGROUND TANK	☐ f. CAN	☐ j. BAG	☒ n. PLASTIC BOTTLE	☐ r. OTHER
☐ c. TANK INSIDE BUILDING	☐ g. CARBOY	☐ k. BOX	☐ o. TOTE BIN	
☐ d. STEEL DRUM	☐ h. SILO	☐ l. CYLINDER	☐ p. TANK WAGON	

STORAGE PRESSURE 224 ☒ a. AMBIENT ☐ b. ABOVE AMBIENT ☐ c. BELOW AMBIENT

STORAGE TEMPERATURE 225 ☒ a. AMBIENT ☐ b. ABOVE AMBIENT ☐ c. BELOW AMBIENT ☐ d. CRYOGENIC

	%WT	HAZARDOUS COMPONENT (for mixture or waste only)	EHS	CAS #
1	226 UNK	227 SYNTHETIC ESTERS	228 ☐ Yes ☒ No	229
2	230	231	232 ☐ Yes ☒ No	233
3	234	235	236 ☐ Yes ☒ No	237
4	238	239	240 ☐ Yes ☒ No	241
5	242	243	244 ☐ Yes ☒ No	245

If more hazardous components are present at greater than 1% by weight if non-carcinogenic, or 0.1% by weidht if carcinogenic, attach additional sheets of paper capturing the required information:

ADDITIONAL LOCALLY COLLECTED INFORMATION: 246

If EPCRA, Please Sign Here

HAZARDOUS MATERIALS INVENTORY - CHEMICAL DESCRIPTION

(one page per material per building or area)

☐ ADD ☐ DELETE ☐ REVISE 200

I. FACILITY INFORMATION

BUSINESS NAME (Same as FACILITY NAME or DBA - Doing Business As) 3
MILPITAS GAS TERMINAL

CHEMICAL LOCATION: Building: BLDG B, MAINT. SHOP / Location: GARAGE, UPSTAIRS; Bldg: MILPITAS TERMINAL / Loc:Analyzer Bldg C ; Bldg: YARD / Loc:COMPR. GAS STOR AREA 1 — 201

CHEMICAL LOCATION CONFIDENTIAL - EPCRA 202: ☐ Yes ☒ No

FACILITY ID # 1 | MAP # (optional) See figure 2.1 203 | GRID # (optional) E4-D5,C5,C4 204

II. CHEMICAL INFORMATION

CHEMICAL NAME 205: ACETYLENE

TRADE SECRET 206: ☐ Yes ☒ No
If subject to EPCRA, refer to instructions

COMMON NAME 207:

EHS* 208: ☐ Yes ☒ No

CAS # 209: 74-86-2

If EHS is 'Yes' all amounts below must be in lbs.

FIRE CODE HAZARD CLASSES (Complete if required by CUPA) 210
Flammable gas (gaseous)(FGG)

HAZARDOUS MATERIAL TYPE (Check one item only): ☒ a. PURE ☐ b. MIXTURE ☐ c. WASTE
211 RADIOACTIVE: ☐ Yes ☒ No
212 CURIES 213:

PHYSICAL STATE (Check one item only): ☐ a. SOLID ☐ b. LIQUID ☒ c. GAS
211 LARGEST CONTAINER 215: 380.00

FED HAZARD CATEGORIES (Check all that apply) 216: ☒ a. FIRE ☒ b. REACTIVE ☒ c. PRESSURE RELEASE ☐ d. ACUTE HEALTH ☐ e. CHRONIC HEALTH

AVERAGE DAILY AMOUNT 217	MAXIMUM DAILY AMOUNT 218	ANNUAL WASTE AMOUNT 219	STATE WASTE CODE 220
953.00	1,429.00		

UNIT* (Check one item only): ☐ a. GALLONS ☒ b. CUBIC FEET ☐ c. POUNDS ☐ d. TONS
* If EHS, amount must be in pounds
221 DAYS ON SITE 222: 365

STORAGE CONTAINER (Check all that apply) 223:
☐ a. ABOVEGROUND TANK ☐ b. UNDERGROUND TANK ☐ c. TANK INSIDE BUILDING ☐ d. STEEL DRUM
☐ e. PLASTIC DRUM ☐ f. CAN ☐ g. CARBOY ☐ h. SILO
☐ i. FIBER DRUM ☐ j. BAG ☐ k. BOX ☒ l. CYLINDER
☐ m. GLASS BOTTLE ☐ n. PLASTIC BOTTLE ☐ o. TOTE BIN ☐ p. TANK WAGON
☐ q. RAIL CAR ☐ r. OTHER

STORAGE PRESSURE 224: ☐ a. AMBIENT ☒ b. ABOVE AMBIENT ☐ c. BELOW AMBIENT

STORAGE TEMPERATURE 225: ☒ a. AMBIENT ☐ b. ABOVE AMBIENT ☐ c. BELOW AMBIENT ☐ d. CRYOGENIC

	%WT	HAZARDOUS COMPONENT (for mixture or waste only)	EHS	CAS #
1	226	227	228 ☐ Yes ☒ No	229
2	230	231	232 ☐ Yes ☒ No	233
3	234	235	236 ☐ Yes ☒ No	237
4	238	239	240 ☐ Yes ☒ No	241
5	242	243	244 ☐ Yes ☒ No	245

If more hazardous components are present at greater than 1% by weight if non-carcinogenic, or 0.1% by weidht if carcinogenic, attach additional sheets of paper capturing the required information:

ADDITIONAL LOCALLY COLLECTED INFORMATION: 246

If EPCRA, Please Sign Here

'nified Program Consolidated Form

HAZARDOUS MATERIALS

HAZARDOUS MATERIALS INVENTORY - CHEMICAL DESCRIPTION

(one page per material per building or area)

☐ ADD ☐ DELETE ☐ REVISE 200

I. FACILITY INFORMATION

BUSINESS NAME (Same as FACILITY NAME or DBA - Doing Business As) 3
MILPITAS GAS TERMINAL

CHEMICAL LOCATION: Building: BLDG B, MAINT. SHOP / Location: GARAGE, OUTSIDE WAREHOUSE; Bldg: YARD / Loc:NW/BLDG D (201)

CHEMICAL LOCATION CONFIDENTIAL - EPCRA (202): ☐ Yes ☒ No

FACILITY ID # (1)

MAP # (optional) (203): See figure 2.1

GRID # (optional) (204): E4-D5,E5,C3

II. CHEMICAL INFORMATION

CHEMICAL NAME (205)

TRADE SECRET (206): ☐ Yes ☒ No
If subject to EPCRA, refer to instructions

COMMON NAME (207): Air, Compressed

EHS* (208): ☐ Yes ☒ No

CAS # (209)

If EHS is 'Yes' all amounts below must be in lbs.

FIRE CODE HAZARD CLASSES (Complete if required by CUPA) (210): Non Flammable Gas(NFG)

HAZARDOUS MATERIAL TYPE (Check one item only) (211): ☐ a. PURE ☒ b. MIXTURE ☐ c. WASTE

RADIOACTIVE (212): ☐ Yes ☒ No

CURIES (213):

PHYSICAL STATE (Check one item only) (211): ☐ a. SOLID ☐ b. LIQUID ☒ c. GAS

LARGEST CONTAINER (215): 5,000.00

FED HAZARD CATEGORIES (Check all that apply) (216): ☐ a. FIRE ☐ b. REACTIVE ☒ c. PRESSURE RELEASE ☐ d. ACUTE HEALTH ☐ e. CHRONIC HEALTH

AVERAGE DAILY AMOUNT (217): 6,070.00

MAXIMUM DAILY AMOUNT (218): 10,704.00

ANNUAL WASTE AMOUNT (219):

STATE WASTE CODE (220):

UNIT* (Check one item only) (221): ☐ a. GALLONS ☒ b. CUBIC FEET ☐ c. POUNDS ☐ d. TONS
* If EHS, amount must be in pounds

DAYS ON SITE (222): 365

STORAGE CONTAINER (Check all that apply) (223):
☒ a. ABOVEGROUND TANK ☐ b. UNDERGROUND TANK ☐ c. TANK INSIDE BUILDING ☐ d. STEEL DRUM
☐ e. PLASTIC DRUM ☐ f. CAN ☐ g. CARBOY ☐ h. SILO
☐ i. FIBER DRUM ☐ j. BAG ☐ k. BOX ☒ l. CYLINDER
☐ m. GLASS BOTTLE ☐ n. PLASTIC BOTTLE ☐ o. TOTE BIN ☐ p. TANK WAGON
☐ q. RAIL CAR ☒ r. OTHER

STORAGE PRESSURE (224): ☐ a. AMBIENT ☒ b. ABOVE AMBIENT ☐ c. BELOW AMBIENT

STORAGE TEMPERATURE (225): ☒ a. AMBIENT ☐ b. ABOVE AMBIENT ☐ c. BELOW AMBIENT ☐ d. CRYOGENIC

	%WT	HAZARDOUS COMPONENT (for mixture or waste only)	EHS	CAS #
1	226: 78	227: NITROGEN	228: ☐ Yes ☒ No	229: 7727-37-9
2	230: 21	231: OXYGEN	232: ☐ Yes ☒ No	233: 7782-44-7
3	234:	235:	236: ☐ Yes ☒ No	237:
4	238:	239:	240: ☐ Yes ☒ No	241:
5	242:	243:	244: ☐ Yes ☒ No	245:

If more hazardous components are present at greater than 1% by weight if non-carcinogenic, or 0.1% by weidht if carcinogenic, attach additional sheets of paper capturing the required information:

ADDITIONAL LOCALLY COLLECTED INFORMATION: (246)

If EPCRA, Please Sign Here

Unified Program Consolidated Form

HAZARDOUS MATERIALS

HAZARDOUS MATERIALS INVENTORY - CHEMICAL DESCRIPTION

(one page per material per building or area)

☐ ADD ☐ DELETE ☐ REVISE 200

I. FACILITY INFORMATION

BUSINESS NAME (Same as FACILITY NAME or DBA - Doing Business As) 3
MILPITAS GAS TERMINAL

CHEMICAL LOCATION: Building: BLDG B, MAINT. SHOP / Location: GARAGE, UPSTAIRS; Bldg: YARD / Loc:COMPR. GAS STOR AREA 1 201

CHEMICAL LOCATION CONFIDENTIAL - EPCRA 202: ☐ Yes ☒ No

FACILITY ID # 1

MAP # (optional) See figure 2.1 203

GRID # (optional) E4-D5,C4 204

II. CHEMICAL INFORMATION

CHEMICAL NAME 205
OXYGEN

TRADE SECRET 206: ☐ Yes ☒ No
If subject to EPCRA, refer to instructions

COMMON NAME 207

EHS* 208: ☐ Yes ☒ No

CAS # 209
7782-44-7

If EHS is 'Yes' all amounts below must be in lbs.

FIRE CODE HAZARD CLASSES (Complete if required by CUPA) 210
Oxidizer-Gas (gaseous)(OGG)

HAZARDOUS MATERIAL TYPE (Check one item only): ☒ a. PURE ☐ b. MIXTURE ☐ c. WASTE

211 RADIOACTIVE: ☐ Yes ☒ No

212 CURIES 213

PHYSICAL STATE (Check one item only): ☐ a. SOLID ☐ b. LIQUID ☒ c. GAS

211 LARGEST CONTAINER 215
300.00

FED HAZARD CATEGORIES (Check all that apply) 216: ☐ a. FIRE ☐ b. REACTIVE ☒ c. PRESSURE RELEASE ☐ d. ACUTE HEALTH ☐ e. CHRONIC HEALTH

AVERAGE DAILY AMOUNT 692.00 217

MAXIMUM DAILY AMOUNT 1,038.00 218

ANNUAL WASTE AMOUNT 219

STATE WASTE CODE 220

UNIT* (Check one item only): ☐ a. GALLONS ☒ b. CUBIC FEET ☐ c. POUNDS ☐ d. TONS
* If EHS, amount must be in pounds

221 DAYS ON SITE 222
365

STORAGE CONTAINER (Check all that apply) 223:
☐ a. ABOVEGROUND TANK ☐ e. PLASTIC DRUM ☐ i. FIBER DRUM ☐ m. GLASS BOTTLE ☐ q. RAIL CAR
☐ b. UNDERGROUND TANK ☐ f. CAN ☐ j. BAG ☐ n. PLASTIC BOTTLE ☐ r. OTHER
☐ c. TANK INSIDE BUILDING ☐ g. CARBOY ☐ k. BOX ☐ o. TOTE BIN
☐ d. STEEL DRUM ☐ h. SILO ☒ l. CYLINDER ☐ p. TANK WAGON

STORAGE PRESSURE 224: ☐ a. AMBIENT ☒ b. ABOVE AMBIENT ☐ c. BELOW AMBIENT

STORAGE TEMPERATURE 225: ☒ a. AMBIENT ☐ b. ABOVE AMBIENT ☐ c. BELOW AMBIENT ☐ d. CRYOGENIC

	%WT	HAZARDOUS COMPONENT (for mixture or waste only)	EHS	CAS #
1	226	227	228 ☐ Yes ☒ No	229
2	230	231	232 ☐ Yes ☒ No	233
3	234	235	236 ☐ Yes ☒ No	237
4	238	239	240 ☐ Yes ☒ No	241
5	242	243	244 ☐ Yes ☒ No	245

If more hazardous components are present at greater than 1% by weight if non-carcinogenic, or 0.1% by weidht if carcinogenic, attach additional sheets of paper capturing the required information:

ADDITIONAL LOCALLY COLLECTED INFORMATION: 246

If EPCRA, Please Sign Here

HAZARDOUS MATERIALS INVENTORY - CHEMICAL DESCRIPTION

(one page per material per building or area)

☐ ADD ☐ DELETE ☐ REVISE 200

I. FACILITY INFORMATION

BUSINESS NAME (Same as FACILITY NAME or DBA - Doing Business As) 3
MILPITAS GAS TERMINAL

CHEMICAL LOCATION: Building: BLDG B, MAINT. SHOP / Location: GARAGE, UPSTAIRS, WAREHOUSE; Bldg: YARD / Loc:HAZ MAT/WASTE STO BLDG A; Bldg: YARD / Loc:HAZ MAT/WASTE STO BLDG A 201

CHEMICAL LOCATION CONFIDENTIAL - EPCRA 202: ☐ Yes ☒ No

FACILITY ID # 1

MAP # (optional) See figure 2.1 203

GRID # (optional) E4-D5,C4 204

II. CHEMICAL INFORMATION

CHEMICAL NAME 205

TRADE SECRET 206: ☐ Yes ☒ No
If subject to EPCRA, refer to instructions

COMMON NAME 207
UNLEADED GASOLINE

EHS* 208: ☐ Yes ☒ No

CAS # 209

If EHS is 'Yes' all amounts below must be in lbs.

FIRE CODE HAZARD CLASSES (Complete if required by CUPA) 210
Flammable Liquid(FL1B)

HAZARDOUS MATERIAL TYPE (Check one item only) 211: ☐ a. PURE ☒ b. MIXTURE ☐ c. WASTE

RADIOACTIVE 212: ☐ Yes ☒ No

CURIES 213

PHYSICAL STATE (Check one item only) 211: ☐ a. SOLID ☒ b. LIQUID ☐ c. GAS

LARGEST CONTAINER 215
5.00

FED HAZARD CATEGORIES (Check all that apply) 216: ☒ a. FIRE ☐ b. REACTIVE ☐ c. PRESSURE RELEASE ☒ d. ACUTE HEALTH ☐ e. CHRONIC HEALTH

AVERAGE DAILY AMOUNT	MAXIMUM DAILY AMOUNT	ANNUAL WASTE AMOUNT	STATE WASTE CODE
15.00 (217)	22.00 (218)	(219)	(220)

UNIT* (Check one item only) 221: ☒ a. GALLONS ☐ b. CUBIC FEET ☐ c. POUNDS ☐ d. TONS
* If EHS, amount must be in pounds

DAYS ON SITE 222
365

STORAGE CONTAINER (Check all that apply) 223:

☐ a. ABOVEGROUND TANK	☐ e. PLASTIC DRUM	☐ i. FIBER DRUM	☐ m. GLASS BOTTLE	☐ q. RAIL CAR
☐ b. UNDERGROUND TANK	☒ f. CAN	☐ j. BAG	☒ n. PLASTIC BOTTLE	☒ r. OTHER
☐ c. TANK INSIDE BUILDING	☐ g. CARBOY	☐ k. BOX	☐ o. TOTE BIN	
☐ d. STEEL DRUM	☐ h. SILO	☐ l. CYLINDER	☐ p. TANK WAGON	

STORAGE PRESSURE 224: ☒ a. AMBIENT ☐ b. ABOVE AMBIENT ☐ c. BELOW AMBIENT

STORAGE TEMPERATURE 225: ☒ a. AMBIENT ☐ b. ABOVE AMBIENT ☐ c. BELOW AMBIENT ☐ d. CRYOGENIC

	%WT	HAZARDOUS COMPONENT (for mixture or waste only)	EHS	CAS #
1	4.9 (226)	BENZENE (227)	☐ Yes ☒ No (228)	71-43-2 (229)
2	1.4 (230)	ETHYL BENZENE (231)	☐ Yes ☒ No (232)	100-41-4 (233)
3	4.6 (234)	M-XYLENE (235)	☐ Yes ☒ No (236)	108-38-3 (237)
4	15 (238)	METHYL TERT-BUTYL ETHER (239)	☐ Yes ☒ No (240)	1634-04-4 (241)
5	6.5 (242)	TOLUENE (243)	☐ Yes ☒ No (244)	108-88-3 (245)

If more hazardous components are present at greater than 1% by weight if non-carcinogenic, or 0.1% by weidht if carcinogenic, attach additional sheets of paper capturing the required information:

ADDITIONAL LOCALLY COLLECTED INFORMATION: 246

If EPCRA, Please Sign Here

'nified Program Consolidated Form

HAZARDOUS MATERIALS

HAZARDOUS MATERIALS INVENTORY - CHEMICAL DESCRIPTION

(one page per material per building or area)

☐ ADD ☐ DELETE ☐ REVISE 200

I. FACILITY INFORMATION

BUSINESS NAME (Same as FACILITY NAME or DBA - Doing Business As) 3
MILPITAS GAS TERMINAL

CHEMICAL LOCATION: Building: BLDG B, MAINT. SHOP / Location: OUTSIDE WAREHOUSE; Bldg: YARD / Loc:HAZ MAT/WASTE STO BLDG A — 201

CHEMICAL LOCATION CONFIDENTIAL - EPCRA 202: ☐ Yes ☒ No

FACILITY ID # 1 | MAP # (optional) See figure 2.1 203 | GRID # (optional) E5,C4 204

II. CHEMICAL INFORMATION

CHEMICAL NAME 205

TRADE SECRET 206: ☐ Yes ☒ No
If subject to EPCRA, refer to instructions

COMMON NAME 207
DIESEL FUEL, HS, #2

EHS* 208: ☐ Yes ☒ No

CAS # 209

If EHS is 'Yes' all amounts below must be in lbs.

FIRE CODE HAZARD CLASSES (Complete if required by CUPA) 210
Combustible Liquid(CL3A)

HAZARDOUS MATERIAL TYPE (Check one item only): ☐ a. PURE ☒ b. MIXTURE ☐ c. WASTE

211 RADIOACTIVE: ☐ Yes ☒ No

212 CURIES 213

PHYSICAL STATE (Check one item only): ☐ a. SOLID ☒ b. LIQUID ☐ c. GAS

211 LARGEST CONTAINER 215
27.00

FED HAZARD CATEGORIES (Check all that apply) 216: ☐ a. FIRE ☐ b. REACTIVE ☐ c. PRESSURE RELEASE ☒ d. ACUTE HEALTH ☐ e. CHRONIC HEALTH

AVERAGE DAILY AMOUNT	217 MAXIMUM DAILY AMOUNT	218 ANNUAL WASTE AMOUNT	219 STATE WASTE CODE	220
25.00	37.00			

UNIT* (Check one item only): ☒ a. GALLONS ☐ b. CUBIC FEET ☐ c. POUNDS ☐ d. TONS
* If EHS, amount must be in pounds

221 DAYS ON SITE 222
365

STORAGE CONTAINER (Check all that apply) 223:

☐ a. ABOVEGROUND TANK	☐ e. PLASTIC DRUM	☐ i. FIBER DRUM	☐ m. GLASS BOTTLE	☐ q. RAIL CAR
☐ b. UNDERGROUND TANK	☒ f. CAN	☐ j. BAG	☐ n. PLASTIC BOTTLE	☒ r. OTHER
☐ c. TANK INSIDE BUILDING	☐ g. CARBOY	☐ k. BOX	☐ o. TOTE BIN	
☐ d. STEEL DRUM	☐ h. SILO	☐ l. CYLINDER	☐ p. TANK WAGON	

STORAGE PRESSURE 224: ☒ a. AMBIENT ☐ b. ABOVE AMBIENT ☐ c. BELOW AMBIENT

STORAGE TEMPERATURE 225: ☒ a. AMBIENT ☐ b. ABOVE AMBIENT ☐ c. BELOW AMBIENT ☐ d. CRYOGENIC

	%WT	HAZARDOUS COMPONENT (for mixture or waste only)	EHS	CAS #
1	226: 100	227: FUELS, DIESEL, NO. 2	228: ☐ Yes ☒ No	229: 68476-34-6
2	230: UNK	231: GAS OIL, LIGHT	232: ☐ Yes ☒ No	233: 64741-44-2
3	234: UNK	235: HYDRODESULFURIZED MIDDLE DISTILLATE	236: ☐ Yes ☒ No	237: 64742-80-9
4	238:	239:	240: ☐ Yes ☒ No	241:
5	242:	243:	244: ☐ Yes ☒ No	245:

If more hazardous components are present at greater than 1% by weight if non-carcinogenic, or 0.1% by weidht if carcinogenic, attach additional sheets of paper capturing the required information:

ADDITIONAL LOCALLY COLLECTED INFORMATION: 246

If EPCRA, Please Sign Here

HAZARDOUS MATERIALS INVENTORY - CHEMICAL DESCRIPTION

(one page per material per building or area)

☐ ADD ☐ DELETE ☐ REVISE 200

I. FACILITY INFORMATION

BUSINESS NAME (Same as FACILITY NAME or DBA - Doing Business As) 3
MILPITAS GAS TERMINAL

CHEMICAL LOCATION 201
Building: BLDG B, MAINT. SHOP / Location: OUTSIDE WAREHOUSE

CHEMICAL LOCATION CONFIDENTIAL - EPCRA 202 ☐ Yes ☒ No

FACILITY ID # 1 MAP # (optional) See figure 2.1 203 GRID # (optional) E5 204

II. CHEMICAL INFORMATION

CHEMICAL NAME 205

TRADE SECRET 206 ☐ Yes ☒ No
If subject to EPCRA, refer to instructions

COMMON NAME 207
WET CELL BATTERIES

EHS* 208 ☐ Yes ☒ No

CAS # 209

If EHS is 'Yes' all amounts below must be in lbs.

FIRE CODE HAZARD CLASSES (Complete if required by CUPA) 210
Combustible Liquid(CL3B), Corrosives(C), Water (reactive)(WR2)

HAZARDOUS MATERIAL TYPE (Check one item only) ☐ a. PURE ☒ b. MIXTURE ☐ c. WASTE

211 RADIOACTIVE ☐ Yes ☒ No

212 CURIES 213

PHYSICAL STATE (Check one item only) ☐ a. SOLID ☒ b. LIQUID ☐ c. GAS

211 LARGEST CONTAINER 1.00 215

FED HAZARD CATEGORIES (Check all that apply) ☐ a. FIRE ☒ b. REACTIVE ☐ c. PRESSURE RELEASE ☒ d. ACUTE HEALTH ☐ e. CHRONIC HEALTH 216

AVERAGE DAILY AMOUNT 1.00 217 MAXIMUM DAILY AMOUNT 1.00 218 ANNUAL WASTE AMOUNT 219 STATE WASTE CODE 220

UNIT* (Check one item only) ☒ a. GALLONS ☐ b. CUBIC FEET ☐ c. POUNDS ☐ d. TONS
* If EHS, amount must be in pounds

221 DAYS ON SITE 365 222

STORAGE CONTAINER (Check all that apply) 223

☐ a. ABOVEGROUND TANK	☐ e. PLASTIC DRUM	☐ i. FIBER DRUM	☐ m. GLASS BOTTLE	☐ q. RAIL CAR
☐ b. UNDERGROUND TANK	☐ f. CAN	☐ j. BAG	☐ n. PLASTIC BOTTLE	☒ r. OTHER
☐ c. TANK INSIDE BUILDING	☐ g. CARBOY	☐ k. BOX	☐ o. TOTE BIN	
☐ d. STEEL DRUM	☐ h. SILO	☐ l. CYLINDER	☐ p. TANK WAGON	

STORAGE PRESSURE ☒ a. AMBIENT ☐ b. ABOVE AMBIENT ☐ c. BELOW AMBIENT 224

STORAGE TEMPERATURE ☒ a. AMBIENT ☐ b. ABOVE AMBIENT ☐ c. BELOW AMBIENT ☐ d. CRYOGENIC 225

	%WT	HAZARDOUS COMPONENT (for mixture or waste only)	EHS	CAS #
1	226 40	227 SULFURIC ACID	228 ☒ Yes ☐ No	229 7664-93-9
2	230	231	232 ☐ Yes ☒ No	233
3	234	235	236 ☐ Yes ☒ No	237
4	238	239	240 ☐ Yes ☒ No	241
5	242	243	244 ☐ Yes ☒ No	245

If more hazardous components are present at greater than 1% by weight if non-carcinogenic, or 0.1% by weidht if carcinogenic, attach additional sheets of paper capturing the required information:

ADDITIONAL LOCALLY COLLECTED INFORMATION: 246

If EPCRA, Please Sign Here

HAZARDOUS MATERIALS INVENTORY - CHEMICAL DESCRIPTION

(one page per material per building or area)

☐ ADD ☐ DELETE ☐ REVISE 200

I. FACILITY INFORMATION

BUSINESS NAME (Same as FACILITY NAME or DBA - Doing Business As) 3

MILPITAS GAS TERMINAL

CHEMICAL LOCATION: Building: BLDG B, MAINT. SHOP / Location: UPSTAIRS; Bldg: MILPITAS TERMINAL / Loc:Analyzer Bldg C ; Bldg: MILPITAS TERMINAL / Loc:Analyzer Bldg D; Bldg: YARD / Loc:COMPR. GAS STOR AREA 1 — 201

CHEMICAL LOCATION CONFIDENTIAL - EPCRA: ☐ Yes ☒ No — 202

FACILITY ID # — 1

MAP # (optional): See figure 2.1 — 203

GRID # (optional): E4-D5,C5,B3,C4 — 204

II. CHEMICAL INFORMATION

CHEMICAL NAME: HELIUM — 205

TRADE SECRET: ☐ Yes ☒ No — 206

If subject to EPCRA, refer to instructions

COMMON NAME — 207

EHS*: ☐ Yes ☒ No — 208

CAS #: 7440-59-7 — 209

If EHS is 'Yes' all amounts below must be in lbs.

FIRE CODE HAZARD CLASSES (Complete if required by CUPA): Non Flammable Gas(NFG) — 210

HAZARDOUS MATERIAL TYPE (Check one item only): ☒ a. PURE ☐ b. MIXTURE ☐ c. WASTE — 211

RADIOACTIVE: ☐ Yes ☒ No — 212

CURIES — 213

PHYSICAL STATE (Check one item only): ☐ a. SOLID ☐ b. LIQUID ☒ c. GAS — 211

LARGEST CONTAINER: 282.00 — 215

FED HAZARD CATEGORIES (Check all that apply): ☐ a. FIRE ☐ b. REACTIVE ☒ c. PRESSURE RELEASE ☒ d. ACUTE HEALTH ☐ e. CHRONIC HEALTH — 216

AVERAGE DAILY AMOUNT: 2,720.00 — 217

MAXIMUM DAILY AMOUNT: 4,080.00 — 218

ANNUAL WASTE AMOUNT — 219

STATE WASTE CODE — 220

UNIT* (Check one item only): ☐ a. GALLONS ☒ b. CUBIC FEET ☐ c. POUNDS ☐ d. TONS — 221

* If EHS, amount must be in pounds

DAYS ON SITE: 365 — 222

STORAGE CONTAINER (Check all that apply) — 223

☐ a. ABOVEGROUND TANK	☐ e. PLASTIC DRUM	☐ i. FIBER DRUM	☐ m. GLASS BOTTLE	☐ q. RAIL CAR
☐ b. UNDERGROUND TANK	☐ f. CAN	☐ j. BAG	☐ n. PLASTIC BOTTLE	☐ r. OTHER
☐ c. TANK INSIDE BUILDING	☐ g. CARBOY	☐ k. BOX	☐ o. TOTE BIN	
☐ d. STEEL DRUM	☐ h. SILO	☒ l. CYLINDER	☐ p. TANK WAGON	

STORAGE PRESSURE: ☐ a. AMBIENT ☒ b. ABOVE AMBIENT ☐ c. BELOW AMBIENT — 224

STORAGE TEMPERATURE: ☒ a. AMBIENT ☐ b. ABOVE AMBIENT ☐ c. BELOW AMBIENT ☐ d. CRYOGENIC — 225

	%WT	HAZARDOUS COMPONENT (for mixture or waste only)	EHS	CAS #
1	226	227	228 ☐ Yes ☒ No	229
2	230	231	232 ☐ Yes ☒ No	233
3	234	235	236 ☐ Yes ☒ No	237
4	238	239	240 ☐ Yes ☒ No	241
5	242	243	244 ☐ Yes ☒ No	245

If more hazardous components are present at greater than 1% by weight if non-carcinogenic, or 0.1% by weidht if carcinogenic, attach additional sheets of paper capturing the required information:

ADDITIONAL LOCALLY COLLECTED INFORMATION: — 246

If EPCRA, Please Sign Here

'nified Program Consolidated Form

HAZARDOUS MATERIALS

HAZARDOUS MATERIALS INVENTORY - CHEMICAL DESCRIPTION

(one page per material per building or area)

☐ ADD ☐ DELETE ☐ REVISE 200

I. FACILITY INFORMATION

BUSINESS NAME (Same as FACILITY NAME or DBA - Doing Business As) 3
MILPITAS GAS TERMINAL

CHEMICAL LOCATION 201
Building: BLDG B, MAINT. SHOP / Location: UPSTAIRS

CHEMICAL LOCATION CONFIDENTIAL - EPCRA 202 ☐ Yes ☒ No

FACILITY ID # 1 | MAP # (optional) See figure 2.1 203 | GRID # (optional) E4-D5 204

II. CHEMICAL INFORMATION

CHEMICAL NAME 205

TRADE SECRET 206 ☐ Yes ☒ No
If subject to EPCRA, refer to instructions

COMMON NAME 207
WINDSHIELD WASHER 7300

EHS* 208 ☐ Yes ☒ No

CAS # 209

If EHS is 'Yes' all amounts below must be in lbs.

FIRE CODE HAZARD CLASSES (Complete if required by CUPA) 210
Flammable Liquid(FL1A)

HAZARDOUS MATERIAL TYPE (Check one item only) ☐ a. PURE ☒ b. MIXTURE ☐ c. WASTE 211

RADIOACTIVE 212 ☐ Yes ☒ No

CURIES 213

PHYSICAL STATE (Check one item only) ☐ a. SOLID ☒ b. LIQUID ☐ c. GAS 211

LARGEST CONTAINER 215
1.00

FED HAZARD CATEGORIES (Check all that apply) 216
☒ a. FIRE ☐ b. REACTIVE ☐ c. PRESSURE RELEASE ☒ d. ACUTE HEALTH ☐ e. CHRONIC HEALTH

AVERAGE DAILY AMOUNT 217	MAXIMUM DAILY AMOUNT 218	ANNUAL WASTE AMOUNT 219	STATE WASTE CODE 220
1.00	2.00		

UNIT* (Check one item only) ☒ a. GALLONS ☐ b. CUBIC FEET ☐ c. POUNDS ☐ d. TONS
* If EHS, amount must be in pounds

DAYS ON SITE 221 222
365

STORAGE CONTAINER (C 'l that apply) 223

☐ a. ABOVEGROUND TANK	☐ e. PLASTIC DRUM	☐ i. FIBER DRUM	☐ m. GLASS BOTTLE	☐ q. RAIL CAR
☐ b. UNDERGROUND TANK	☐ f. CAN	☐ j. BAG	☒ n. PLASTIC BOTTLE	☐ r. OTHER
☐ c. TANK INSIDE BUILDING	☐ g. CARBOY	☐ k. BOX	☐ o. TOTE BIN	
☐ d. STEEL DRUM	☐ h. SILO	☐ l. CYLINDER	☐ p. TANK WAGON	

STORAGE PRESSURE 224 ☒ a. AMBIENT ☐ b. ABOVE AMBIENT ☐ c. BELOW AMBIENT

STORAGE TEMPERATURE 225 ☒ a. AMBIENT ☐ b. ABOVE AMBIENT ☐ c. BELOW AMBIENT ☐ d. CRYOGENIC

	%WT	HAZARDOUS COMPONENT (for mixture or waste only)	EHS	CAS #
1	226: 95	227: METHYL ALCOHOL	228: ☐ Yes ☒ No	229: 67-56-1
2	230:	231:	232: ☐ Yes ☒ No	233:
3	234:	235:	236: ☐ Yes ☒ No	237:
4	238:	239:	240: ☐ Yes ☒ No	241:
5	242:	243:	244: ☐ Yes ☒ No	245:

If more hazardous components are present at greater than 1% by weight if non-carcinogenic, or 0.1% by weidht if carcinogenic, attach additional sheets of paper capturing the required information:

ADDITIONAL LOCALLY COLLECTED INFORMATION: 246

If EPCRA, Please Sign Here

HAZARDOUS MATERIALS INVENTORY - CHEMICAL DESCRIPTION

(one page per material per building or area)

☐ ADD ☐ DELETE ☐ REVISE 200

I. FACILITY INFORMATION

BUSINESS NAME (Same as FACILITY NAME or DBA - Doing Business As) 3
MILPITAS GAS TERMINAL

CHEMICAL LOCATION 201
Building: BLDG B, MAINT. SHOP / Location: WAREHOUSE

CHEMICAL LOCATION CONFIDENTIAL - EPCRA 202 ☐ Yes ☒ No

FACILITY ID # 1 | MAP # (optional) See figure 2.1 203 | GRID # (optional) E4-D5 204

II. CHEMICAL INFORMATION

CHEMICAL NAME 205

TRADE SECRET 206 ☐ Yes ☒ No
If subject to EPCRA, refer to instructions

COMMON NAME 207
#1 WAX TAPE

EHS* 208 ☐ Yes ☒ No

CAS # 209

If EHS is 'Yes' all amounts below must be in lbs.

FIRE CODE HAZARD CLASSES (Complete if required by CUPA) 210
Other Health Hazards(OHH)

HAZARDOUS MATERIAL TYPE (Check one item only) ☐ a. PURE ☒ b. MIXTURE ☐ c. WASTE | 211 RADIOACTIVE ☐ Yes ☒ No | 212 CURIES 213

PHYSICAL STATE (Check one item only) ☒ a. SOLID ☐ b. LIQUID ☐ c. GAS | 211 LARGEST CONTAINER 0.25 215

FED HAZARD CATEGORIES (Check all that apply) ☐ a. FIRE ☐ b. REACTIVE ☐ c. PRESSURE RELEASE ☒ d. ACUTE HEALTH ☐ e. CHRONIC HEALTH 216

AVERAGE DAILY AMOUNT 17.00 217 | MAXIMUM DAILY AMOUNT 25.00 218 | ANNUAL WASTE AMOUNT 219 | STATE WASTE CODE 220

UNIT* (Check one item only) ☐ a. GALLONS ☐ b. CUBIC FEET ☒ c. POUNDS ☐ d. TONS
* If EHS, amount must be in pounds
221 DAYS ON SITE 365 222

STORAGE CONTAINER (Check all that apply) 223

☐ a. ABOVEGROUND TANK	☐ e. PLASTIC DRUM	☐ i. FIBER DRUM	☐ m. GLASS BOTTLE	☐ q. RAIL CAR
☐ b. UNDERGROUND TANK	☐ f. CAN	☐ j. BAG	☐ n. PLASTIC BOTTLE	☒ r. OTHER
☐ c. TANK INSIDE BUILDING	☐ g. CARBOY	☐ k. BOX	☐ o. TOTE BIN	
☐ d. STEEL DRUM	☐ h. SILO	☐ l. CYLINDER	☐ p. TANK WAGON	

STORAGE PRESSURE 224 ☒ a. AMBIENT ☐ b. ABOVE AMBIENT ☐ c. BELOW AMBIENT

STORAGE TEMPERATURE 225 ☒ a. AMBIENT ☐ b. ABOVE AMBIENT ☐ c. BELOW AMBIENT ☐ d. CRYOGENIC

	%WT	HAZARDOUS COMPONENT (for mixture or waste only)	EHS	CAS #
1	226 UNK	227 NO HAZARDOUS INGREDIENTS PER 29 CFR 1910. 1200	228 ☐ Yes ☒ No	229
2	230	231	232 ☐ Yes ☒ No	233
3	234	235	236 ☐ Yes ☒ No	237
4	238	239	240 ☐ Yes ☒ No	241
5	242	243	244 ☐ Yes ☒ No	245

If more hazardous components are present at greater than 1% by weight if non-carcinogenic, or 0.1% by weidht if carcinogenic, attach additional sheets of paper capturing the required information:

ADDITIONAL LOCALLY COLLECTED INFORMATION: 246

If EPCRA, Please Sign Here

'nified Program Consolidated Form

HAZARDOUS MATERIALS

HAZARDOUS MATERIALS INVENTORY - CHEMICAL DESCRIPTION

(one page per material per building or area)

☐ ADD ☐ DELETE ☐ REVISE 200

I. FACILITY INFORMATION

BUSINESS NAME (Same as FACILITY NAME or DBA - Doing Business As) 3
MILPITAS GAS TERMINAL

CHEMICAL LOCATION 201
Building: BLDG B, MAINT. SHOP / Location: WAREHOUSE

CHEMICAL LOCATION CONFIDENTIAL - EPCRA 202 ☐ Yes ☒ No

FACILITY ID # 1 | MAP # (optional) See figure 2.1 203 | GRID # (optional) E4-D5 204

II. CHEMICAL INFORMATION

CHEMICAL NAME 205

TRADE SECRET 206 ☐ Yes ☒ No
If subject to EPCRA, refer to instructions

COMMON NAME 207
Activated Alumina

EHS* 208 ☐ Yes ☒ No

CAS # 209

If EHS is 'Yes' all amounts below must be in lbs.

FIRE CODE HAZARD CLASSES (Complete if required by CUPA) 210
Other Health Hazards(OHH)

HAZARDOUS MATERIAL TYPE (Check one item only) ☐ a. PURE ☒ b. MIXTURE ☐ c. WASTE 211 | RADIOACTIVE ☐ Yes ☒ No 212 | CURIES 213

PHYSICAL STATE (Check one item only) ☒ a. SOLID ☐ b. LIQUID ☐ c. GAS 211 | LARGEST CONTAINER 30.00 215

FED HAZARD CATEGORIES (Check all that apply) ☐ a. FIRE ☐ b. REACTIVE ☐ c. PRESSURE RELEASE ☒ d. ACUTE HEALTH ☐ e. CHRONIC HEALTH 216

AVERAGE DAILY AMOUNT	MAXIMUM DAILY AMOUNT	ANNUAL WASTE AMOUNT	STATE WASTE CODE
40.00 217	60.00 218	219	220

UNIT* (Check one item only) ☐ a. GALLONS ☐ b. CUBIC FEET ☒ c. POUNDS ☐ d. TONS 221 | DAYS ON SITE 365 222
* If EHS, amount must be in pounds

STORAGE CONTAINER (C' 'l that apply) 223

☐ a. ABOVEGROUND TANK	☐ e. PLASTIC DRUM	☒ i. FIBER DRUM	☐ m. GLASS BOTTLE	☐ q. RAIL CAR
☐ b. UNDERGROUND TANK	☐ f. CAN	☐ j. BAG	☐ n. PLASTIC BOTTLE	☐ r. OTHER
☐ c. TANK INSIDE BUILDING	☐ g. CARBOY	☐ k. BOX	☐ o. TOTE BIN	
☐ d. STEEL DRUM	☐ h. SILO	☐ l. CYLINDER	☐ p. TANK WAGON	

STORAGE PRESSURE 224 ☒ a. AMBIENT ☐ b. ABOVE AMBIENT ☐ c. BELOW AMBIENT

STORAGE TEMPERATURE 225 ☒ a. AMBIENT ☐ b. ABOVE AMBIENT ☐ c. BELOW AMBIENT ☐ d. CRYOGENIC

	%WT	HAZARDOUS COMPONENT (for mixture or waste only)	EHS	CAS #
1	226 98.6	227 ALUMINUM OXIDE	228 ☐ Yes ☒ No	229 1344-28-1
2	230	231	232 ☐ Yes ☒ No	233
3	234	235	236 ☐ Yes ☒ No	237
4	238	239	240 ☐ Yes ☒ No	241
5	242	243	244 ☐ Yes ☒ No	245

If more hazardous components are present at greater than 1% by weight if non-carcinogenic, or 0.1% by weidht if carcinogenic, attach additional sheets of paper capturing the required information:

ADDITIONAL LOCALLY COLLECTED INFORMATION: 246

If EPCRA, Please Sign Here

HAZARDOUS MATERIALS INVENTORY - CHEMICAL DESCRIPTION

(one page per material per building or area)

☐ ADD ☐ DELETE ☐ REVISE 200

I. FACILITY INFORMATION

BUSINESS NAME (Same as FACILITY NAME or DBA - Doing Business As) 3
MILPITAS GAS TERMINAL

CHEMICAL LOCATION 201
Building: BLDG B, MAINT. SHOP / Location: WAREHOUSE

CHEMICAL LOCATION CONFIDENTIAL - EPCRA 202 ☐ Yes ☒ No

FACILITY ID # 1 MAP # (optional) See figure 2.1 203 GRID # (optional) E4-D5 204

II. CHEMICAL INFORMATION

CHEMICAL NAME 205

TRADE SECRET 206 ☐ Yes ☒ No
If subject to EPCRA, refer to instructions

COMMON NAME 207
ADHESIVE MA)

EHS* 208 ☐ Yes ☒ No

CAS # 209

If EHS is 'Yes' all amounts below must be in lbs.

FIRE CODE HAZARD CLASSES (Complete if required by CUPA) 210
Flammable Liq (FL1B)

HAZARDOUS MATERIAL TYPE (Check one item only) ☐ a. PURE ☒ b. MIXTURE ☐ c. WASTE 211 RADIOACTIVE ☐ Yes ☒ No 212 CURIES 213

PHYSICAL STATE (Check one item) ☐ a. SOLID ☒ b. LIQUID ☐ c. GAS 211 LARGEST CONTAINER 0.63 215

FED HAZARD CLASSES (Check all that apply) ☒ a. FIRE ☐ b. REACTIVE ☐ c. PRESSURE RELEASE ☒ d. ACUTE HEALTH ☐ e. CHRONIC HEALTH 216

AVERAGE DAILY AMOUNT	MAXIMUM DAILY AMOUNT	ANNUAL WASTE AMOUNT	STATE WASTE CODE
4.21 (217)	6.32 (218)	(219)	(220)

UNIT* (Check one item only) ☒ a. GALLONS ☐ b. CUBIC FEET ☐ c. POUNDS ☐ d. TONS 221 DAYS ON SITE 365 222
* If EHS, amount must be in pounds

STORAGE CONTAINER (Check all that apply) 223

☐ a. ABOVEGROUND TANK	☐ e. PLASTIC DRUM	☐ i. FIBER DRUM	☐ m. GLASS BOTTLE	☐ q. RAIL CAR
☐ b. UNDERGROUND TANK	☒ f. CAN	☐ j. BAG	☐ n. PLASTIC BOTTLE	☐ r. OTHER
☐ c. TANK INSIDE BUILDING	☐ g. CARBOY	☐ k. BOX	☐ o. TOTE BIN	
☐ d. STEEL DRUM	☐ h. SILO	☐ l. CYLINDER	☐ p. TANK WAGON	

STORAGE PRESSURE 224 ☒ a. AMBIENT ☐ b. ABOVE AMBIENT ☐ c. BELOW AMBIENT

STORAGE TEMPERATURE 225 ☒ a. AMBIENT ☐ b. ABOVE AMBIENT ☐ c. BELOW AMBIENT ☐ d. CRYOGENIC

	%WT	HAZARDOUS COMPONENT (for mixture or waste only)	EHS	CAS #
1	85 (226)	METHYL METHACRYLATE MONOMER, INHIBITED (227)	☐ Yes ☒ No (228)	80-62-6 (229)
2	(230)	(231)	☐ Yes ☒ No (232)	(233)
3	(234)	(235)	☐ Yes ☒ No (236)	(237)
4	(238)	(239)	☐ Yes ☒ No (240)	(241)
5	(242)	(243)	☐ Yes ☒ No (244)	(245)

If more hazardous components are present at greater than 1% by weight if non-carcinogenic, or 0.1% by weidht if carcinogenic, attach additional sheets of paper capturing the required information:

ADDITIONAL LOCALLY COLLECTED INFORMATION: 246

If EPCRA, Please Sign Here

'Jnified Program Consolidated Form

HAZARDOUS MATERIALS

HAZARDOUS MATERIALS INVENTORY - CHEMICAL DESCRIPTION

(one page per material per building or area)

☐ ADD ☐ DELETE ☐ REVISE 200 Page 20 of

I. FACILITY INFORMATION

BUSINESS NAME (Same as FACILITY NAME or DBA - Doing Business As) 3
MILPITAS GAS TERMINAL

CHEMICAL LOCATION 201
Building: BLDG B, MAINT. SHOP / Location: WAREHOUSE

CHEMICAL LOCATION CONFIDENTIAL - EPCRA 202 ☐ Yes ☒ No

FACILITY ID # 1 MAP # (optional) See figure 2.1 203 GRID # (optional) E4-D5 204

II. CHEMICAL INFORMATION

CHEMICAL NAME 205

TRADE SECRET 206 ☐ Yes ☒ No
If subject to EPCRA, refer to instructions

COMMON NAME 207
BH-380 SORBENT

EHS* 208 ☐ Yes ☒ No

CAS # 209

If EHS is 'Yes' all amounts below must be in lbs.

FIRE CODE HAZARD CLASSES (Complete if required by CUPA) 210
Other Health Hazards(OHH)

HAZARDOUS MATERIAL TYPE (Check one item only) ☐ a. PURE ☒ b. MIXTURE ☐ c. WASTE 211

RADIOACTIVE 212 ☐ Yes ☒ No

CURIES 213

PHYSICAL STATE (Check one item only) ☒ a. SOLID ☐ b. LIQUID ☐ c. GAS 211

LARGEST CONTAINER 215
35.00

FED HAZARD CATEGORIES (Check all that apply) 216 ☐ a. FIRE ☐ b. REACTIVE ☐ c. PRESSURE RELEASE ☒ d. ACUTE HEALTH ☐ e. CHRONIC HEALTH

AVERAGE DAILY AMOUNT 217
23.00

MAXIMUM DAILY AMOUNT 218
35.00

ANNUAL WASTE AMOUNT 219

STATE WASTE CODE 220

UNIT* (Check one item only) 221 ☐ a. GALLONS ☐ b. CUBIC FEET ☒ c. POUNDS ☐ d. TONS
* If EHS, amount must be in pounds

DAYS ON SITE 222
365

STORAGE CONTAINER (Check all that apply) 223
☐ a. ABOVEGROUND TANK ☐ b. UNDERGROUND TANK ☐ c. TANK INSIDE BUILDING ☐ d. STEEL DRUM
☐ e. PLASTIC DRUM ☐ f. CAN ☐ g. CARBOY ☐ h. SILO
☐ i. FIBER DRUM ☐ j. BAG ☐ k. BOX ☐ l. CYLINDER
☐ m. GLASS BOTTLE ☒ n. PLASTIC BOTTLE ☐ o. TOTE BIN ☐ p. TANK WAGON
☐ q. RAIL CAR ☐ r. OTHER

STORAGE PRESSURE 224 ☒ a. AMBIENT ☐ b. ABOVE AMBIENT ☐ c. BELOW AMBIENT

STORAGE TEMPERATURE 225 ☒ a. AMBIENT ☐ b. ABOVE AMBIENT ☐ c. BELOW AMBIENT ☐ d. CRYOGENIC

	%WT	HAZARDOUS COMPONENT (for mixture or waste only)	EHS	CAS #
1	226 UNK	227 NO HAZARDOUS INGREDIENTS PER 29 CFR 1910. 1200	228 ☐ Yes ☒ No	229
2	230	231	232 ☐ Yes ☒ No	233
3	234	235	236 ☐ Yes ☒ No	237
4	238	239	240 ☐ Yes ☒ No	241
5	242	243	244 ☐ Yes ☒ No	245

If more hazardous components are present at greater than 1% by weight if non-carcinogenic, or 0.1% by weidht if carcinogenic, attach additional sheets of paper capturing the required information:

ADDITIONAL LOCALLY COLLECTED INFORMATION: 246

If EPCRA, Please Sign Here

Unified Program Consolidated Form

HAZARDOUS MATERIALS

HAZARDOUS MATERIALS INVENTORY - CHEMICAL DESCRIPTION

(one page per material per building or area)

☐ ADD ☐ DELETE ☐ REVISE 200

I. FACILITY INFORMATION

BUSINESS NAME (Same as FACILITY NAME or DBA - Doing Business As) 3
MILPITAS GAS TERMINAL

CHEMICAL LOCATION
Building: BLDG B, MAINT. SHOP / Location: WAREHOUSE

201 CHEMICAL LOCATION CONFIDENTIAL - EPCRA ☐ Yes ☒ No 202

FACILITY ID # 1 MAP # (optional) See figure 2.1 203 GRID # (optional) E4-D5 204

II. CHEMICAL INFORMATION

CHEMICAL NAME 205 TRADE SECRET ☐ Yes ☒ No 206
If subject to EPCRA, refer to instructions

COMMON NAME
CONCRETE MIX/FENCE POST MIX 207 EHS* ☐ Yes ☒ No 208

CAS # 209
If EHS is 'Yes' all amounts below must be in lbs.

FIRE CODE HAZARD CLASSES (Complete if required by CUPA) 210
Irritants(IR)

HAZARDOUS MATERIAL TYPE (Check one item only) ☐ a. PURE ☒ b. MIXTURE ☐ c. WASTE 211 RADIOACTIVE ☐ Yes ☒ No 212 CURIES 213

PHYSICAL STATE (Check one item only) ☐ a. SOLID ☒ b. LIQUID ☐ c. GAS 211 LARGEST CONTAINER 5.99 215

FED HAZARD CATEGORIES (Check all that apply) ☐ a. FIRE ☐ b. REACTIVE ☐ c. PRESSURE RELEASE ☒ d. ACUTE HEALTH ☐ e. CHRONIC HEALTH 216

AVERAGE DAILY AMOUNT 39.91 217 MAXIMUM DAILY AMOUNT 59.93 218 ANNUAL WASTE AMOUNT 219 STATE WASTE CODE 220

UNIT* (Check one item only) ☒ a. GALLONS ☐ b. CUBIC FEET ☐ c. POUNDS ☐ d. TONS 221 DAYS ON SITE 365 222
* If EHS, amount must be in pounds

STORAGE CONTAINER (Check all that apply) 223
☐ a. ABOVEGROUND TANK ☐ e. PLASTIC DRUM ☐ i. FIBER DRUM ☐ m. GLASS BOTTLE ☐ q. RAIL CAR
☐ b. UNDERGROUND TANK ☐ f. CAN ☒ j. BAG ☐ n. PLASTIC BOTTLE ☐ r. OTHER
☐ c. TANK INSIDE BUILDING ☐ g. CARBOY ☐ k. BOX ☐ o. TOTE BIN
☐ d. STEEL DRUM ☐ h. SILO ☐ l. CYLINDER ☐ p. TANK WAGON

STORAGE PRESSURE ☒ a. AMBIENT ☐ b. ABOVE AMBIENT ☐ c. BELOW AMBIENT 224

STORAGE TEMPERATURE ☒ a. AMBIENT ☐ b. ABOVE AMBIENT ☐ c. BELOW AMBIENT ☐ d. CRYOGENIC 225

	%WT	HAZARDOUS COMPONENT (for mixture or waste only)	EHS	CAS #
1	226 60	227 CALCIUM OXIDE SILICATE	228 ☐ Yes ☒ No	229 12168-85-3
2	230 10	231 CALCIUM SULFATE, ANHYDROUS	232 ☐ Yes ☒ No	233 7778-18-9
3	234 20	235 SILICIC ACID, CALCIUM SALT	236 ☐ Yes ☒ No	237 10034-77-2
4	238	239	240 ☐ Yes ☒ No	241
5	242	243	244 ☐ Yes ☒ No	245

If more hazardous components are present at greater than 1% by weight if non-carcinogenic, or 0.1% by weidht if carcinogenic, attach additional sheets of paper capturing the required information:

ADDITIONAL LOCALLY COLLECTED INFORMATION: 246

If EPCRA, Please Sign Here

HAZARDOUS MATERIALS INVENTORY - CHEMICAL DESCRIPTION

(one page per material per building or area)

☐ ADD ☐ DELETE ☐ REVISE 200

I. FACILITY INFORMATION

BUSINESS NAME (Same as FACILITY NAME or DBA - Doing Business As) 3
MILPITAS GAS TERMINAL

CHEMICAL LOCATION 201
Building: BLDG B, MAINT. SHOP / Location: WAREHOUSE

CHEMICAL LOCATION CONFIDENTIAL - EPCRA 202 ☐ Yes ☒ No

FACILITY ID # 1 | MAP # (optional) See figure 2.1 203 | GRID # (optional) E4-D5 204

II. CHEMICAL INFORMATION

CHEMICAL NAME 205

TRADE SECRET 206 ☐ Yes ☒ No
If subject to EPCRA, refer to instructions

COMMON NAME 207
CS-400/CS-420 ACTIVATOR FOR FILLER

EHS* 208 ☐ Yes ☒ No

CAS # 209

If EHS is 'Yes' all amounts below must be in lbs.

FIRE CODE HAZARD CLASSES (Complete if required by CUPA) 210
Combustible Liquid(CL3B)

HAZARDOUS MATERIAL TYPE (Check one item only) ☐ a. PURE ☒ b. MIXTURE ☐ c. WASTE 211

RADIOACTIVE 212 ☐ Yes ☒ No

CURIES 213

PHYSICAL STATE (Check one item only) ☐ a. SOLID ☒ b. LIQUID ☐ c. GAS 211

LARGEST CONTAINER 215
0.11

FED HAZARD CATEGORIES (Check all that apply) 216 ☒ a. FIRE ☐ b. REACTIVE ☐ c. PRESSURE RELEASE ☐ d. ACUTE HEALTH ☐ e. CHRONIC HEALTH

AVERAGE DAILY AMOUNT 217: 0.72

MAXIMUM DAILY AMOUNT 218: 1.08

ANNUAL WASTE AMOUNT 219

STATE WASTE CODE 220

UNIT* (Check one item only) ☒ a. GALLONS ☐ b. CUBIC FEET ☐ c. POUNDS ☐ d. TONS
* If EHS, amount must be in pounds

221 DAYS ON SITE 222: 365

STORAGE CONTAINER (Check all that apply) 223
☐ a. ABOVEGROUND TANK ☐ b. UNDERGROUND TANK ☐ c. TANK INSIDE BUILDING ☐ d. STEEL DRUM
☐ e. PLASTIC DRUM ☐ f. CAN ☐ g. CARBOY ☐ h. SILO
☐ i. FIBER DRUM ☐ j. BAG ☐ k. BOX ☐ l. CYLINDER
☐ m. GLASS BOTTLE ☒ n. PLASTIC BOTTLE ☐ o. TOTE BIN ☐ p. TANK WAGON
☐ q. RAIL CAR ☐ r. OTHER

STORAGE PRESSURE 224 ☒ a. AMBIENT ☐ b. ABOVE AMBIENT ☐ c. BELOW AMBIENT

STORAGE TEMPERATURE 225 ☒ a. AMBIENT ☐ b. ABOVE AMBIENT ☐ c. BELOW AMBIENT ☐ d. CRYOGENIC

	%WT	HAZARDOUS COMPONENT (for mixture or waste only)	EHS	CAS #
1	226: 8.5	227: BENZOYL PEROXIDE	228: ☐ Yes ☒ No	229: 94-36-0
2	230:	231:	232: ☐ Yes ☒ No	233:
3	234:	235:	236: ☐ Yes ☒ No	237:
4	238:	239:	240: ☐ Yes ☒ No	241:
5	242:	243:	244: ☐ Yes ☒ No	245:

If more hazardous components are present at greater than 1% by weight if non-carcinogenic, or 0.1% by weidht if carcinogenic, attach additional sheets of paper capturing the required information:

ADDITIONAL LOCALLY COLLECTED INFORMATION: 246

If EPCRA, Please Sign Here

HAZARDOUS MATERIALS INVENTORY - CHEMICAL DESCRIPTION

(one page per material per building or area)

☐ ADD ☐ DELETE ☐ REVISE 200

I. FACILITY INFORMATION

BUSINESS NAME (Same as FACILITY NAME or DBA - Doing Business As) 3
MILPITAS GAS TERMINAL

CHEMICAL LOCATION
Building: BLDG B, MAINT. SHOP / Location: WAREHOUSE 201

CHEMICAL LOCATION CONFIDENTIAL - EPCRA ☐ Yes ☒ No 202

FACILITY ID # 1 MAP # (optional) See figure 2.1 203 GRID # (optional) E4-D5 204

II. CHEMICAL INFORMATION

CHEMICAL NAME 205

TRADE SECRET ☐ Yes ☒ No 206
If subject to EPCRA, refer to instructions

COMMON NAME 207
EYESALINE SOLUTION FOR EYEWASHES

EHS* ☐ Yes ☒ No 208

CAS # 209

If EHS is 'Yes' all amounts below must be in lbs.

FIRE CODE HAZARD CLASSES (Complete if required by CUPA) 210
Irritants(IR)

HAZARDOUS MATERIAL TYPE (Check one item only) ☐ a. PURE ☒ b. MIXTURE ☐ c. WASTE 211

RADIOACTIVE ☐ Yes ☒ No 212 CURIES 213

PHYSICAL STATE (Check one item only) ☐ a. SOLID ☒ b. LIQUID ☐ c. GAS 211

LARGEST CONTAINER 1.00 215

FED HAZARD CATEGORIES (Check all that apply) ☐ a. FIRE ☐ b. REACTIVE ☐ c. PRESSURE RELEASE ☒ d. ACUTE HEALTH ☐ e. CHRONIC HEALTH 216

AVERAGE DAILY AMOUNT 1.00 217 MAXIMUM DAILY AMOUNT 2.00 218 ANNUAL WASTE AMOUNT 219 STATE WASTE CODE 220

UNIT* (Check one item only) ☒ a. GALLONS ☐ b. CUBIC FEET ☐ c. POUNDS ☐ d. TONS 221
* If EHS, amount must be in pounds

DAYS ON SITE 365 222

STORAGE CONTAINER (If that apply) 223

☐ a. ABOVEGROUND TANK	☐ e. PLASTIC DRUM	☐ i. FIBER DRUM	☐ m. GLASS BOTTLE	☐ q. RAIL CAR
☐ b. UNDERGROUND TANK	☐ f. CAN	☐ j. BAG	☒ n. PLASTIC BOTTLE	☐ r. OTHER
☐ c. TANK INSIDE BUILDING	☐ g. CARBOY	☐ k. BOX	☐ o. TOTE BIN	
☐ d. STEEL DRUM	☐ h. SILO	☐ l. CYLINDER	☐ p. TANK WAGON	

STORAGE PRESSURE ☒ a. AMBIENT ☐ b. ABOVE AMBIENT ☐ c. BELOW AMBIENT 224

STORAGE TEMPERATURE ☒ a. AMBIENT ☐ b. ABOVE AMBIENT ☐ c. BELOW AMBIENT ☐ d. CRYOGENIC 225

	%WT	HAZARDOUS COMPONENT (for mixture or waste only)	EHS	CAS #
1	UNK 226	ETHYLENEDIAMINETETRAACETIC ACID 227	☐ Yes ☒ No 228	139-33-3 229
2	0.1 230	PARASTEROL 231	☐ Yes ☒ No 232	8001-54-5 233
3	UNK 234	SODIUM CHLORIDE 235	☐ Yes ☒ No 236	7647-14-5 237
4	UNK 238	SODIUM PHOSPHATE, DIBASIC 239	☐ Yes ☒ No 240	7558-79-4 241
5	UNK 242	SODIUM PHOSPHATE, MONOBASIC 243	☐ Yes ☒ No 244	7558-80-7 245

If more hazardous components are present at greater than 1% by weight if non-carcinogenic, or 0.1% by weidht if carcinogenic, attach additional sheets of paper capturing the required information:

ADDITIONAL LOCALLY COLLECTED INFORMATION: 246

If EPCRA, Please Sign Here

'Unified Program Consolidated Form

HAZARDOUS MATERIALS

HAZARDOUS MATERIALS INVENTORY - CHEMICAL DESCRIPTION

(one page per material per building or area)

☐ ADD ☐ DELETE ☐ REVISE 200

I. FACILITY INFORMATION

BUSINESS NAME (Same as FACILITY NAME or DBA - Doing Business As) 3
MILPITAS GAS TERMINAL

CHEMICAL LOCATION 201
Building: BLDG B, MAINT. SHOP / Location: WAREHOUSE

CHEMICAL LOCATION CONFIDENTIAL - EPCRA 202 ☐ Yes ☒ No

FACILITY ID # 1 MAP # (optional) See figure 2.1 203 GRID # (optional) E4-D5 204

II. CHEMICAL INFORMATION

CHEMICAL NAME 205

TRADE SECRET 206 ☐ Yes ☒ No
If subject to EPCRA, refer to instructions

COMMON NAME 207
PROTAL 7000 BRUSHING GRADE BASE

EHS* 208 ☐ Yes ☒ No

CAS # 209

If EHS is 'Yes' all amounts below must be in lbs.

FIRE CODE HAZARD CLASSES (Complete if required by CUPA) 210
Combustible Liquid(CL3A)

HAZARDOUS MATERIAL TYPE (Check one item only) ☐ a. PURE ☒ b. MIXTURE ☐ c. WASTE 211

RADIOACTIVE 212 ☐ Yes ☒ No

CURIES 213

PHYSICAL STATE (Check one item only) ☐ a. SOLID ☒ b. LIQUID ☐ c. GAS 211

LARGEST CONTAINER 215
0.50

FED HAZARD CATEGORIES (Check all that apply) ☐ a. FIRE ☐ b. REACTIVE ☐ c. PRESSURE RELEASE ☒ d. ACUTE HEALTH ☐ e. CHRONIC HEALTH 216

AVERAGE DAILY AMOUNT 2.00 217

MAXIMUM DAILY AMOUNT 3.00 218

ANNUAL WASTE AMOUNT 219

STATE WASTE CODE 220

UNIT* (Check one item only) ☒ a. GALLONS ☐ b. CUBIC FEET ☐ c. POUNDS ☐ d. TONS 221
* If EHS, amount must be in pounds

DAYS ON SITE 222
365

STORAGE CONTAINER (Check all that apply) 223

☐ a. ABOVEGROUND TANK	☐ e. PLASTIC DRUM	☐ i. FIBER DRUM	☐ m. GLASS BOTTLE	☐ q. RAIL CAR
☐ b. UNDERGROUND TANK	☐ f. CAN	☐ j. BAG	☒ n. PLASTIC BOTTLE	☐ r. OTHER
☐ c. TANK INSIDE BUILDING	☐ g. CARBOY	☐ k. BOX	☐ o. TOTE BIN	
☐ d. STEEL DRUM	☐ h. SILO	☐ l. CYLINDER	☐ p. TANK WAGON	

STORAGE PRESSURE 224 ☒ a. AMBIENT ☐ b. ABOVE AMBIENT ☐ c. BELOW AMBIENT

STORAGE TEMPERATURE 225 ☒ a. AMBIENT ☐ b. ABOVE AMBIENT ☐ c. BELOW AMBIENT ☐ d. CRYOGENIC

	%WT	HAZARDOUS COMPONENT (for mixture or waste only)	EHS	CAS #
1	226 15	227 CALCIUM CARBONATE	228 ☐ Yes ☒ No	229 1317-65-3
2	230 30	231 EPOXY RESIN 2`,2	232 ☐ Yes ☒ No	233 25085-99-8
3	234 10	235 HYDRATED MAGNESIUM SILICATE	236 ☐ Yes ☒ No	237 14807-96-6
4	238 5	239 OXIRANE, (CHLOROMETHYL)-	240 ☐ Yes ☒ No	241 9072-62-2
5	242 7	243 TITANIUM DIOXIDE	244 ☐ Yes ☒ No	245 13463-67-7

If more hazardous components are present at greater than 1% by weight if non-carcinogenic, or 0.1% by weidht if carcinogenic, attach additional sheets of paper capturing the required information:

ADDITIONAL LOCALLY COLLECTED INFORMATION: 246

If EPCRA, Please Sign Here

'Unified Program Consolidated Form

HAZARDOUS MATERIALS

HAZARDOUS MATERIALS INVENTORY - CHEMICAL DESCRIPTION

(one page per material per building or area)

☐ ADD ☐ DELETE ☐ REVISE 200

I. FACILITY INFORMATION

BUSINESS NAME (Same as FACILITY NAME or DBA - Doing Business As) 3
MILPITAS GAS TERMINAL

CHEMICAL LOCATION 201
Building: BLDG B, MAINT. SHOP / Location: WAREHOUSE

CHEMICAL LOCATION CONFIDENTIAL - EPCRA 202 ☐ Yes ☒ No

FACILITY ID # 1 | MAP # (optional) See figure 2.1 203 | GRID # (optional) E4-D5 204

II. CHEMICAL INFORMATION

CHEMICAL NAME 205

TRADE SECRET 206 ☐ Yes ☒ No
If subject to EPCRA, refer to instructions

COMMON NAME 207
PROTAL 7000 BRUSHING GRADE HARDENER

EHS* 208 ☐ Yes ☒ No

CAS # 209

If EHS is 'Yes' all amounts below must be in lbs.

FIRE CODE HAZARD CLASSES (Complete if required by CUPA) 210
Combustible Liquid(CL3A)

HAZARDOUS MATERIAL TYPE (Check one item only) ☐ a. PURE ☒ b. MIXTURE ☐ c. WASTE 211

RADIOACTIVE ☐ Yes ☒ No 212 | CURIES 213

PHYSICAL STATE (Check one item only) ☐ a. SOLID ☒ b. LIQUID ☐ c. GAS 211

LARGEST CONTAINER 0.13 215

FED HAZARD CATEGORIES (Check all that apply) ☐ a. FIRE ☐ b. REACTIVE ☐ c. PRESSURE RELEASE ☒ d. ACUTE HEALTH ☐ e. CHRONIC HEALTH 216

AVERAGE DAILY AMOUNT 1.00 217 | MAXIMUM DAILY AMOUNT 1.50 218 | ANNUAL WASTE AMOUNT 219 | STATE WASTE CODE 220

UNIT* (Check one item only) ☒ a. GALLONS ☐ b. CUBIC FEET ☐ c. POUNDS ☐ d. TONS 221
* If EHS, amount must be in pounds

DAYS ON SITE 222
365

STORAGE CONTAINER (Check all that apply) 223

☐ a. ABOVEGROUND TANK	☐ e. PLASTIC DRUM	☐ i. FIBER DRUM	☐ m. GLASS BOTTLE	☐ q. RAIL CAR
☐ b. UNDERGROUND TANK	☐ f. CAN	☐ j. BAG	☒ n. PLASTIC BOTTLE	☐ r. OTHER
☐ c. TANK INSIDE BUILDING	☐ g. CARBOY	☐ k. BOX	☐ o. TOTE BIN	
☐ d. STEEL DRUM	☐ h. SILO	☐ l. CYLINDER	☐ p. TANK WAGON	

STORAGE PRESSURE 224 ☒ a. AMBIENT ☐ b. ABOVE AMBIENT ☐ c. BELOW AMBIENT

STORAGE TEMPERATURE 225 ☒ a. AMBIENT ☐ b. ABOVE AMBIENT ☐ c. BELOW AMBIENT ☐ d. CRYOGENIC

	%WT	HAZARDOUS COMPONENT (for mixture or waste only)	EHS	CAS #
1	30 (226)	AMINOETHYLPIPERAZINE (227)	☐ Yes ☒ No (228)	140-31-8 (229)
2	10 (230)	BISPHENOL A (231)	☐ Yes ☒ No (232)	80-05-7 (233)
3	10 (234)	DIBUTYL PHTHALATE (235)	☐ Yes ☒ No (236)	84-74-2 (237)
4	7 (238)	OXIRANE, (CHLOROMETHYL)- (239)	☐ Yes ☒ No (240)	9072-62-2 (241)
5	(242)	(243)	☐ Yes ☒ No (244)	(245)

If more hazardous components are present at greater than 1% by weight if non-carcinogenic, or 0.1% by weidht if carcinogenic, attach additional sheets of paper capturing the required information:

ADDITIONAL LOCALLY COLLECTED INFORMATION: 246

If EPCRA, Please Sign Here

'Inified Program Consolidated Form

HAZARDOUS MATERIALS

HAZARDOUS MATERIALS INVENTORY - CHEMICAL DESCRIPTION

(one page per material per building or area)

☐ ADD ☐ DELETE ☐ REVISE 200

I. FACILITY INFORMATION

BUSINESS NAME (Same as FACILITY NAME or DBA - Doing Business As) 3
MILPITAS GAS TERMINAL

CHEMICAL LOCATION
Building: BLDG B, MAINT. SHOP / Location: WAREHOUSE

201 CHEMICAL LOCATION CONFIDENTIAL - EPCRA ☐ Yes ☒ No 202

FACILITY ID # 1 MAP # (optional) See figure 2.1 203 GRID # (optional) E4-D5 204

II. CHEMICAL INFORMATION

CHEMICAL NAME 205

TRADE SECRET ☐ Yes ☒ No 206
If subject to EPCRA, refer to instructions

COMMON NAME 207
SOLID-A-SORB

EHS* ☐ Yes ☒ No 208

CAS # 209

If EHS is 'Yes' all amounts below must be in lbs.

FIRE CODE HAZARD CLASSES (Complete if required by CUPA) 210
Other Health Hazards(OHH)

HAZARDOUS MATERIAL TYPE (Check one item only) ☐ a. PURE ☒ b. MIXTURE ☐ c. WASTE 211

RADIOACTIVE ☐ Yes ☒ No 212

CURIES 213

PHYSICAL STATE (Check one item only) ☒ a. SOLID ☐ b. LIQUID ☐ c. GAS 211

LARGEST CONTAINER 215
20.00

FED HAZARD CATEGORIES (Check all that apply) ☐ a. FIRE ☐ b. REACTIVE ☐ c. PRESSURE RELEASE ☒ d. ACUTE HEALTH ☐ e. CHRONIC HEALTH 216

AVERAGE DAILY AMOUNT 133.00 217

MAXIMUM DAILY AMOUNT 200.00 218

ANNUAL WASTE AMOUNT 219

STATE WASTE CODE 220

UNIT* (Check one item only) ☐ a. GALLONS ☐ b. CUBIC FEET ☒ c. POUNDS ☐ d. TONS 221
* If EHS, amount must be in pounds

DAYS ON SITE 222
365

STORAGE CONTAINER (Check all that apply) 223

☐ a. ABOVEGROUND TANK	☐ e. PLASTIC DRUM	☐ i. FIBER DRUM	☐ m. GLASS BOTTLE	☐ q. RAIL CAR
☐ b. UNDERGROUND TANK	☐ f. CAN	☒ j. BAG	☐ n. PLASTIC BOTTLE	☐ r. OTHER
☐ c. TANK INSIDE BUILDING	☐ g. CARBOY	☐ k. BOX	☐ o. TOTE BIN	
☐ d. STEEL DRUM	☐ h. SILO	☐ l. CYLINDER	☐ p. TANK WAGON	

STORAGE PRESSURE ☒ a. AMBIENT ☐ b. ABOVE AMBIENT ☐ c. BELOW AMBIENT 224

STORAGE TEMPERATURE ☒ a. AMBIENT ☐ b. ABOVE AMBIENT ☐ c. BELOW AMBIENT ☐ d. CRYOGENIC 225

	%WT	HAZARDOUS COMPONENT (for mixture or waste only)	EHS	CAS #
1	226 99	227 DIATOMACEOUS EARTH	228 ☐ Yes ☒ No	229 68855-54-9
2	230 1	231 SILICA, CRYSTALLINE-CRISTOBALITE	232 ☐ Yes ☒ No	233 14464-46-1
3	234 1	235 SILICA, CRYSTALLINE-QUARTZ	236 ☐ Yes ☒ No	237 14808-60-7
4	238	239	240 ☐ Yes ☒ No	241
5	242	243	244 ☐ Yes ☒ No	245

If more hazardous components are present at greater than 1% by weight if non-carcinogenic, or 0.1% by weidht if carcinogenic, attach additional sheets of paper capturing the required information:

ADDITIONAL LOCALLY COLLECTED INFORMATION: 246

If EPCRA, Please Sign Here

'nified Program Consolidated Form

HAZARDOUS MATERIALS

HAZARDOUS MATERIALS INVENTORY - CHEMICAL DESCRIPTION

(one page per material per building or area)

☐ ADD ☐ DELETE ☐ REVISE 200

I. FACILITY INFORMATION

BUSINESS NAME (Same as FACILITY NAME or DBA - Doing Business As) 3
MILPITAS GAS TERMINAL

CHEMICAL LOCATION
Building: CONTROL BLDG / Location: JANITORIAL ROOM

201 CHEMICAL LOCATION CONFIDENTIAL - EPCRA ☐ Yes ☒ No 202

FACILITY ID # 1 MAP # (optional) See figure 2.1 203 GRID # (optional) D5 204

II. CHEMICAL INFORMATION

CHEMICAL NAME 205 TRADE SECRET ☐ Yes ☒ No 206
If subject to EPCRA, refer to instructions

COMMON NAME
Ajax All Purpose Cleaner
207 EHS* ☐ Yes ☒ No 208

CAS # 209
If EHS is 'Yes' all amounts below must be in lbs.

FIRE CODE HAZARD CLASSES (Complete if required by CUPA) 210
Combustible Liquid(CL3B)

HAZARDOUS MATERIAL TYPE (Check one item only) ☐ a. PURE ☒ b. MIXTURE ☐ c. WASTE 211 RADIOACTIVE ☐ Yes ☒ No 212 CURIES 213

PHYSICAL STATE (Check one item only) ☐ a. SOLID ☒ b. LIQUID ☐ c. GAS 211 LARGEST CONTAINER 1.00 215

FED HAZARD CATEGORIES (Check all that apply) ☐ a. FIRE ☐ b. REACTIVE ☐ c. PRESSURE RELEASE ☒ d. ACUTE HEALTH ☐ e. CHRONIC HEALTH 216

AVERAGE DAILY AMOUNT 1.00 217 MAXIMUM DAILY AMOUNT 1.00 218 ANNUAL WASTE AMOUNT 219 STATE WASTE CODE 220

UNIT* (Check one item only) ☒ a. GALLONS ☐ b. CUBIC FEET ☐ c. POUNDS ☐ d. TONS
* If EHS, amount must be in pounds
221 DAYS ON SITE 365 222

STORAGE CONTAINER (Check all that apply) 223
☐ a. ABOVEGROUND TANK ☐ e. PLASTIC DRUM ☐ i. FIBER DRUM ☐ m. GLASS BOTTLE ☐ q. RAIL CAR
☐ b. UNDERGROUND TANK ☐ f. CAN ☐ j. BAG ☒ n. PLASTIC BOTTLE ☐ r. OTHER
☐ c. TANK INSIDE BUILDING ☐ g. CARBOY ☐ k. BOX ☐ o. TOTE BIN
☐ d. STEEL DRUM ☐ h. SILO ☐ l. CYLINDER ☐ p. TANK WAGON

STORAGE PRESSURE ☒ a. AMBIENT ☐ b. ABOVE AMBIENT ☐ c. BELOW AMBIENT 224

STORAGE TEMPERATURE ☒ a. AMBIENT ☐ b. ABOVE AMBIENT ☐ c. BELOW AMBIENT ☐ d. CRYOGENIC 225

	%WT	HAZARDOUS COMPONENT (for mixture or waste only)	EHS	CAS #
1	226 UNK	227 ANHYDROUS AMMONIA	228 ☐ Yes ☒ No	229 7664-41-7
2	230	231	232 ☐ Yes ☒ No	233
3	234	235	236 ☐ Yes ☒ No	237
4	238	239	240 ☐ Yes ☒ No	241
5	242	243	244 ☐ Yes ☒ No	245

If more hazardous components are present at greater than 1% by weight if non-carcinogenic, or 0.1% by weidht if carcinogenic, attach additional sheets of paper capturing the required information:

ADDITIONAL LOCALLY COLLECTED INFORMATION: 246

If EPCRA, Please Sign Here

Unified Program Consolidated Form

HAZARDOUS MATERIALS

HAZARDOUS MATERIALS INVENTORY - CHEMICAL DESCRIPTION

(one page per material per building or area)

☐ ADD ☐ DELETE ☐ REVISE 200

I. FACILITY INFORMATION

BUSINESS NAME (Same as FACILITY NAME or DBA - Doing Business As) 3
MILPITAS GAS TERMINAL

CHEMICAL LOCATION 201
Building: CONTROL BLDG / Location: JANITORIAL ROOM

CHEMICAL LOCATION CONFIDENTIAL - EPCRA 202 ☐ Yes ☒ No

FACILITY ID # 1 | MAP # (optional) See figure 2.1 203 | GRID # (optional) D5 204

II. CHEMICAL INFORMATION

CHEMICAL NAME 205

TRADE SECRET 206 ☐ Yes ☒ No
If subject to EPCRA, refer to instructions

COMMON NAME 207
ALLSTAR CASTILE PINK LOTION SOAP

EHS* 208 ☐ Yes ☒ No

CAS # 209

If EHS is 'Yes' all amounts below must be in lbs.

FIRE CODE HAZARD CLASSES (Complete if required by CUPA) 210
Other Health Hazards(OHH)

HAZARDOUS MATERIAL TYPE (Check one item only) ☐ a. PURE ☒ b. MIXTURE ☐ c. WASTE 211 | RADIOACTIVE 212 ☐ Yes ☒ No | CURIES 213

PHYSICAL STATE (Check one item only) ☐ a. SOLID ☒ b. LIQUID ☐ c. GAS 211 | LARGEST CONTAINER 215: 1.00

FED HAZARD CATEGORIES (Check all that apply) 216 ☐ a. FIRE ☐ b. REACTIVE ☐ c. PRESSURE RELEASE ☒ d. ACUTE HEALTH ☐ e. CHRONIC HEALTH

AVERAGE DAILY AMOUNT 217: 2.00 | MAXIMUM DAILY AMOUNT 218: 3.00 | ANNUAL WASTE AMOUNT 219 | STATE WASTE CODE 220

UNIT* (Check one item only) 221 ☒ a. GALLONS ☐ b. CUBIC FEET ☐ c. POUNDS ☐ d. TONS
* If EHS, amount must be in pounds

DAYS ON SITE 222: 365

STORAGE CONTAINER (Check all that apply) 223
☐ a. ABOVEGROUND TANK ☐ b. UNDERGROUND TANK ☐ c. TANK INSIDE BUILDING ☐ d. STEEL DRUM
☐ e. PLASTIC DRUM ☐ f. CAN ☐ g. CARBOY ☐ h. SILO
☐ i. FIBER DRUM ☐ j. BAG ☐ k. BOX ☐ l. CYLINDER
☐ m. GLASS BOTTLE ☒ n. PLASTIC BOTTLE ☐ o. TOTE BIN ☐ p. TANK WAGON
☐ q. RAIL CAR ☐ r. OTHER

STORAGE PRESSURE 224 ☒ a. AMBIENT ☐ b. ABOVE AMBIENT ☐ c. BELOW AMBIENT

STORAGE TEMPERATURE 225 ☒ a. AMBIENT ☐ b. ABOVE AMBIENT ☐ c. BELOW AMBIENT ☐ d. CRYOGENIC

	%WT	HAZARDOUS COMPONENT (for mixture or waste only)	EHS	CAS #
1	226: UNK	227: NO HAZARDOUS INGREDIENTS PER 29 CFR 1910. 1200	228: ☐ Yes ☒ No	229
2	230	231	232: ☐ Yes ☒ No	233
3	234	235	236: ☐ Yes ☒ No	237
4	238	239	240: ☐ Yes ☒ No	241
5	242	243	244: ☐ Yes ☒ No	245

If more hazardous components are present at greater than 1% by weight if non-carcinogenic, or 0.1% by weidht if carcinogenic, attach additional sheets of paper capturing the required information:

ADDITIONAL LOCALLY COLLECTED INFORMATION: 246

If EPCRA, Please Sign Here

HAZARDOUS MATERIALS INVENTORY - CHEMICAL DESCRIPTION

(one page per material per building or area)

☐ ADD ☐ DELETE ☐ REVISE 200

I. FACILITY INFORMATION

BUSINESS NAME (Same as FACILITY NAME or DBA - Doing Business As) 3
MILPITAS GAS TERMINAL

CHEMICAL LOCATION 201
Building: CONTROL BLDG / Location: JANITORIAL ROOM

CHEMICAL LOCATION CONFIDENTIAL - EPCRA 202 ☐ Yes ☒ No

FACILITY ID # 1 | MAP # (optional) See figure 2.1 203 | GRID # (optional) D5 204

II. CHEMICAL INFORMATION

CHEMICAL NAME 205

TRADE SECRET 206 ☐ Yes ☒ No
If subject to EPCRA, refer to instructions

COMMON NAME 207
GLASS AND MIRROR CLEANER

EHS* 208 ☐ Yes ☒ No

CAS # 209

If EHS is 'Yes' all amounts below must be in lbs.

FIRE CODE HAZARD CLASSES (Complete if required by CUPA) 210
Combustible Liquid(CL2)

HAZARDOUS MATERIAL TYPE (Check one item only) ☐ a. PURE ☒ b. MIXTURE ☐ c. WASTE 211 | RADIOACTIVE ☐ Yes ☒ No 212 | CURIES 213

PHYSICAL STATE (Check one item only) ☐ a. SOLID ☒ b. LIQUID ☐ c. GAS 211 | LARGEST CONTAINER 0.50 215

FED HAZARD CATEGORIES (Check all that apply) ☐ a. FIRE ☐ b. REACTIVE ☐ c. PRESSURE RELEASE ☒ d. ACUTE HEALTH ☐ e. CHRONIC HEALTH 216

AVERAGE DAILY AMOUNT 1.00 217 | MAXIMUM DAILY AMOUNT 1.00 218 | ANNUAL WASTE AMOUNT 219 | STATE WASTE CODE 220

UNIT* (Check one item only) ☒ a. GALLONS ☐ b. CUBIC FEET ☐ c. POUNDS ☐ d. TONS 221 | DAYS ON SITE 365 222
* If EHS, amount must be in pounds

STORAGE CONTAINER (Check all that apply) 223

☐ a. ABOVEGROUND TANK	☐ e. PLASTIC DRUM	☐ i. FIBER DRUM	☐ m. GLASS BOTTLE	☐ q. RAIL CAR
☐ b. UNDERGROUND TANK	☐ f. CAN	☐ j. BAG	☒ n. PLASTIC BOTTLE	☐ r. OTHER
☐ c. TANK INSIDE BUILDING	☐ g. CARBOY	☐ k. BOX	☐ o. TOTE BIN	
☐ d. STEEL DRUM	☐ h. SILO	☐ l. CYLINDER	☐ p. TANK WAGON	

STORAGE PRESSURE 224 ☒ a. AMBIENT ☐ b. ABOVE AMBIENT ☐ c. BELOW AMBIENT

STORAGE TEMPERATURE 225 ☒ a. AMBIENT ☐ b. ABOVE AMBIENT ☐ c. BELOW AMBIENT ☐ d. CRYOGENIC

	%WT	HAZARDOUS COMPONENT (for mixture or waste only)	EHS	CAS #
1	226: 20	227: ISOPROPYL ALCOHOL	228: ☐ Yes ☒ No	229: 67-63-0
2	230:	231:	232: ☐ Yes ☒ No	233:
3	234:	235:	236: ☐ Yes ☒ No	237:
4	238:	239:	240: ☐ Yes ☒ No	241:
5	242:	243:	244: ☐ Yes ☒ No	245:

If more hazardous components are present at greater than 1% by weight if non-carcinogenic, or 0.1% by weidht if carcinogenic, attach additional sheets of paper capturing the required information:

ADDITIONAL LOCALLY COLLECTED INFORMATION: 246

If EPCRA, Please Sign Here

HAZARDOUS MATERIALS INVENTORY - CHEMICAL DESCRIPTION

(one page per material per building or area)

☐ ADD ☐ DELETE ☐ REVISE 200

I. FACILITY INFORMATION

BUSINESS NAME (Same as FACILITY NAME or DBA - Doing Business As) 3
MILPITAS GAS TERMINAL

CHEMICAL LOCATION 201
Building: MILPITAS TERMINAL / Location: Analyzer Bldg C

CHEMICAL LOCATION CONFIDENTIAL - EPCRA 202 ☐ Yes ☒ No

FACILITY ID # 1 | MAP # (optional) See figure 2.1 203 | GRID # (optional) C5 204

II. CHEMICAL INFORMATION

CHEMICAL NAME 205

TRADE SECRET 206 ☐ Yes ☒ No
If subject to EPCRA, refer to instructions

COMMON NAME 207
CALIBRATION CHECK GAS - 290

EHS* 208 ☐ Yes ☒ No

CAS # 209

If EHS is 'Yes' all amounts below must be in lbs.

FIRE CODE HAZARD CLASSES (Complete if required by CUPA) 210

HAZARDOUS MATERIAL TYPE (Check one item only) ☐ a. PURE ☒ b. MIXTURE ☐ c. WASTE 211

RADIOACTIVE 212 ☐ Yes ☒ No

CURIES 213

PHYSICAL STATE (Check one item only) ☐ a. SOLID ☐ b. LIQUID ☒ c. GAS 211

LARGEST CONTAINER 215
18.00

FED HAZARD CATEGORIES (Check all that apply) ☐ a. FIRE ☐ b. REACTIVE ☒ c. PRESSURE RELEASE ☐ d. ACUTE HEALTH ☐ e. CHRONIC HEALTH 216

AVERAGE DAILY AMOUNT 24.00 217 | MAXIMUM DAILY AMOUNT 36.00 218 | ANNUAL WASTE AMOUNT 219 | STATE WASTE CODE 220

UNIT* (Check one item only) ☐ a. GALLONS ☒ b. CUBIC FEET ☐ c. POUNDS ☐ d. TONS 221
* If EHS, amount must be in pounds

DAYS ON SITE 222
365

STORAGE CONTAINER (C' 'l that apply) 223

☐ a. ABOVEGROUND TANK	☐ e. PLASTIC DRUM	☐ i. FIBER DRUM	☐ m. GLASS BOTTLE	☐ q. RAIL CAR
☐ b. UNDERGROUND TANK	☐ f. CAN	☐ j. BAG	☐ n. PLASTIC BOTTLE	☐ r. OTHER
☐ c. TANK INSIDE BUILDING	☐ g. CARBOY	☐ k. BOX	☐ o. TOTE BIN	
☐ d. STEEL DRUM	☐ h. SILO	☒ l. CYLINDER	☐ p. TANK WAGON	

STORAGE PRESSURE 224 ☐ a. AMBIENT ☒ b. ABOVE AMBIENT ☐ c. BELOW AMBIENT

STORAGE TEMPERATURE 225 ☒ a. AMBIENT ☐ b. ABOVE AMBIENT ☐ c. BELOW AMBIENT ☐ d. CRYOGENIC

	%WT	HAZARDOUS COMPONENT (for mixture or waste only)	EHS	CAS #
1	226 0.03	227 CARBON MONOXIDE	228 ☐ Yes ☒ No	229 630-08-0
2	230	231	232 ☐ Yes ☒ No	233
3	234	235	236 ☐ Yes ☒ No	237
4	238	239	240 ☐ Yes ☒ No	241
5	242	243	244 ☐ Yes ☒ No	245

If more hazardous components are present at greater than 1% by weight if non-carcinogenic, or 0.1% by weidht if carcinogenic, attach additional sheets of paper capturing the required information:

ADDITIONAL LOCALLY COLLECTED INFORMATION: 246

If EPCRA, Please Sign Here

HAZARDOUS MATERIALS INVENTORY - CHEMICAL DESCRIPTION

(one page per material per building or area)

☐ ADD ☐ DELETE ☐ REVISE 200

I. FACILITY INFORMATION

BUSINESS NAME (Same as FACILITY NAME or DBA - Doing Business As) 3
MILPITAS GAS TERMINAL

CHEMICAL LOCATION
Building: MILPITAS TERMINAL / Location: Analyzer Bldg D

201 CHEMICAL LOCATION CONFIDENTIAL - EPCRA ☐ Yes ☒ No 202

FACILITY ID # 1 MAP # (optional) See figure 2.1 203 GRID # (optional) B3 204

II. CHEMICAL INFORMATION

CHEMICAL NAME 205 TRADE SECRET ☐ Yes ☒ No 206
If subject to EPCRA, refer to instructions

COMMON NAME
Methane, Compressed (Testing Gas) 2.1% 207 EHS* ☐ Yes ☒ No 208

CAS # 209 If EHS is 'Yes' all amounts below must be in lbs.

FIRE CODE HAZARD CLASSES (Complete if required by CUPA) 210
Non Flammable Gas(NFG)

HAZARDOUS MATERIAL TYPE (Check one item only) ☐ a. PURE ☒ b. MIXTURE ☐ c. WASTE 211 RADIOACTIVE ☐ Yes ☒ No 212 CURIES 213

PHYSICAL STATE (Check one item only) ☐ a. SOLID ☐ b. LIQUID ☒ c. GAS 211 LARGEST CONTAINER 80.00 215

FED HAZARD CATEGORIES (Check all that apply) ☐ a. FIRE ☐ b. REACTIVE ☒ c. PRESSURE RELEASE ☐ d. ACUTE HEALTH ☐ e. CHRONIC HEALTH 216

AVERAGE DAILY AMOUNT 53.00 217 MAXIMUM DAILY AMOUNT 80.00 218 ANNUAL WASTE AMOUNT 219 STATE WASTE CODE 220

UNIT* (Check one item only) ☐ a. GALLONS ☒ b. CUBIC FEET ☐ c. POUNDS ☐ d. TONS 221 DAYS ON SITE 365 222
* If EHS, amount must be in pounds

STORAGE CONTAINER (Check all that apply) 223
☐ a. ABOVEGROUND TANK ☐ b. UNDERGROUND TANK ☐ c. TANK INSIDE BUILDING ☐ d. STEEL DRUM ☐ e. PLASTIC DRUM ☐ f. CAN ☐ g. CARBOY ☐ h. SILO ☐ i. FIBER DRUM ☐ j. BAG ☐ k. BOX ☒ l. CYLINDER ☐ m. GLASS BOTTLE ☐ n. PLASTIC BOTTLE ☐ o. TOTE BIN ☐ p. TANK WAGON ☐ q. RAIL CAR ☐ r. OTHER

STORAGE PRESSURE ☐ a. AMBIENT ☒ b. ABOVE AMBIENT ☐ c. BELOW AMBIENT 224

STORAGE TEMPERATURE ☒ a. AMBIENT ☐ b. ABOVE AMBIENT ☐ c. BELOW AMBIENT ☐ d. CRYOGENIC 225

	%WT	HAZARDOUS COMPONENT (for mixture or waste only)	EHS	CAS #
1	226 2.1	227 METHANE	228 ☐ Yes ☒ No	229 74-82-8
2	230	231	232 ☐ Yes ☒ No	233
3	234	235	236 ☐ Yes ☒ No	237
4	238	239	240 ☐ Yes ☒ No	241
5	242	243	244 ☐ Yes ☒ No	245

If more hazardous components are present at greater than 1% by weight if non-carcinogenic, or 0.1% by weidht if carcinogenic, attach additional sheets of paper capturing the required information:

ADDITIONAL LOCALLY COLLECTED INFORMATION: 246

If EPCRA, Please Sign Here

HAZARDOUS MATERIALS INVENTORY - CHEMICAL DESCRIPTION

(one page per material per building or area)

☐ ADD ☐ DELETE ☐ REVISE 200

I. FACILITY INFORMATION

BUSINESS NAME (Same as FACILITY NAME or DBA - Doing Business As) 3
MILPITAS GAS TERMINAL

CHEMICAL LOCATION 201
Building: MILPITAS TERMINAL / Location: Telecom Room

CHEMICAL LOCATION CONFIDENTIAL - EPCRA 202 ☐ Yes ☒ No

FACILITY ID # 1

MAP # (optional) See figure 2.1 203

GRID # (optional) D5 204

II. CHEMICAL INFORMATION

CHEMICAL NAME 205

TRADE SECRET 206 ☐ Yes ☒ No
If subject to EPCRA, refer to instructions

COMMON NAME 207
MCT WET CELL BATTERY VARIOUS NUMBERS

EHS* 208 ☐ Yes ☒ No

CAS # 209

If EHS is 'Yes' all amounts below must be in lbs.

FIRE CODE HAZARD CLASSES (Complete if required by CUPA) 210
Combustible Liquid(CL3B), Corrosives(C), Water (reactive)(WR2)

HAZARDOUS MATERIAL TYPE (Check one item only) ☐ a. PURE ☒ b. MIXTURE ☐ c. WASTE

211 RADIOACTIVE ☐ Yes ☒ No

212 CURIES 213

PHYSICAL STATE (Check one item only) ☒ a. SOLID ☐ b. LIQUID ☐ c. GAS

211 LARGEST CONTAINER 30.00 215

FED HAZARD CATEGORIES (Check all that apply) ☐ a. FIRE ☒ b. REACTIVE ☐ c. PRESSURE RELEASE ☒ d. ACUTE HEALTH ☐ e. CHRONIC HEALTH 216

AVERAGE DAILY AMOUNT 480.00 217

MAXIMUM DAILY AMOUNT 720.00 218

ANNUAL WASTE AMOUNT 219

STATE WASTE CODE 220

UNIT* (Check one item only) ☐ a. GALLONS ☐ b. CUBIC FEET ☒ c. POUNDS ☐ d. TONS
* If EHS, amount must be in pounds

221 DAYS ON SITE 365 222

STORAGE CONTAINER (Check all that apply) 223

☐ a. ABOVEGROUND TANK	☐ e. PLASTIC DRUM	☐ i. FIBER DRUM	☐ m. GLASS BOTTLE	☐ q. RAIL CAR
☐ b. UNDERGROUND TANK	☐ f. CAN	☐ j. BAG	☐ n. PLASTIC BOTTLE	☒ r. OTHER
☐ c. TANK INSIDE BUILDING	☐ g. CARBOY	☐ k. BOX	☐ o. TOTE BIN	
☐ d. STEEL DRUM	☐ h. SILO	☐ l. CYLINDER	☐ p. TANK WAGON	

STORAGE PRESSURE ☒ a. AMBIENT ☐ b. ABOVE AMBIENT ☐ c. BELOW AMBIENT 224

STORAGE TEMPERATURE ☒ a. AMBIENT ☐ b. ABOVE AMBIENT ☐ c. BELOW AMBIENT ☐ d. CRYOGENIC 225

	%WT	HAZARDOUS COMPONENT (for mixture or waste only)	EHS	CAS #
1	226 29	227 SULFURIC ACID	228 ☒ Yes ☐ No	229 7664-93-9
2	230	231	232 ☐ Yes ☒ No	233
3	234	235	236 ☐ Yes ☒ No	237
4	238	239	240 ☐ Yes ☒ No	241
5	242	243	244 ☐ Yes ☒ No	245

If more hazardous components are present at greater than 1% by weight if non-carcinogenic, or 0.1% by weidht if carcinogenic, attach additional sheets of paper capturing the required information:

ADDITIONAL LOCALLY COLLECTED INFORMATION: 246

If EPCRA, Please Sign Here

HAZARDOUS MATERIALS INVENTORY - CHEMICAL DESCRIPTION

(one page per material per building or area)

☐ ADD ☐ DELETE ☐ REVISE 200

I. FACILITY INFORMATION

BUSINESS NAME (Same as FACILITY NAME or DBA - Doing Business As) 3
MILPITAS GAS TERMINAL

CHEMICAL LOCATION
Building: MILPITAS TERMINAL / Location: UPS Room

201 CHEMICAL LOCATION CONFIDENTIAL - EPCRA ☐ Yes ☒ No 202

FACILITY ID # 1 MAP # (optional) See figure 2.1 203 GRID # (optional) D5 204

II. CHEMICAL INFORMATION

CHEMICAL NAME 205 TRADE SECRET ☐ Yes ☒ No 206
If subject to EPCRA, refer to instructions

COMMON NAME
SD-7 WET CELL BATTERY 207 EHS* ☐ Yes ☒ No 208

CAS # 209 If EHS is 'Yes' all amounts below must be in lbs.

FIRE CODE HAZARD CLASSES (Complete if required by CUPA) 210
Combustible Liquid(CL3B), Corrosives(C), Water (reactive)(WR2)

HAZARDOUS MATERIAL TYPE (Check one item only) ☐ a. PURE ☒ b. MIXTURE ☐ c. WASTE 211 RADIOACTIVE ☐ Yes ☒ No 212 CURIES 213

PHYSICAL STATE (Check one item only) ☐ a. SOLID ☒ b. LIQUID ☐ c. GAS 211 LARGEST CONTAINER 1.10 215

FED HAZARD CATEGORIES (Check all that apply) ☐ a. FIRE ☒ b. REACTIVE ☐ c. PRESSURE RELEASE ☒ d. ACUTE HEALTH ☐ e. CHRONIC HEALTH 216

AVERAGE DAILY AMOUNT 44.00 217 MAXIMUM DAILY AMOUNT 66.00 218 ANNUAL WASTE AMOUNT 219 STATE WASTE CODE 220

UNIT* (Check one item only) ☒ a. GALLONS ☐ b. CUBIC FEET ☐ c. POUNDS ☐ d. TONS
* If EHS, amount must be in pounds
221 DAYS ON SITE 365 222

STORAGE CONTAINER (Check all that apply) 223
☐ a. ABOVEGROUND TANK ☐ e. PLASTIC DRUM ☐ i. FIBER DRUM ☐ m. GLASS BOTTLE ☐ q. RAIL CAR
☐ b. UNDERGROUND TANK ☐ f. CAN ☐ j. BAG ☐ n. PLASTIC BOTTLE ☒ r. OTHER
☐ c. TANK INSIDE BUILDING ☐ g. CARBOY ☐ k. BOX ☐ o. TOTE BIN
☐ d. STEEL DRUM ☐ h. SILO ☐ l. CYLINDER ☐ p. TANK WAGON

STORAGE PRESSURE ☒ a. AMBIENT ☐ b. ABOVE AMBIENT ☐ c. BELOW AMBIENT 224

STORAGE TEMPERATURE ☒ a. AMBIENT ☐ b. ABOVE AMBIENT ☐ c. BELOW AMBIENT ☐ d. CRYOGENIC 225

	%WT	HAZARDOUS COMPONENT (for mixture or waste only)	EHS *	CAS #
1	226 30	227 SULFURIC ACID	228 ☒ Yes ☐ No	229 7664-93-9
2	230	231	232 ☐ Yes ☒ No	233
3	234	235	236 ☐ Yes ☒ No	237
4	238	239	240 ☐ Yes ☒ No	241
5	242	243	244 ☐ Yes ☒ No	245

If more hazardous components are present at greater than 1% by weight if non-carcinogenic, or 0.1% by weidht if carcinogenic, attach additional sheets of paper capturing the required information:

ADDITIONAL LOCALLY COLLECTED INFORMATION: 246

If EPCRA, Please Sign Here

HAZARDOUS MATERIALS INVENTORY - CHEMICAL DESCRIPTION

(one page per material per building or area)

☐ ADD ☐ DELETE ☐ REVISE 200

I. FACILITY INFORMATION

BUSINESS NAME (Same as FACILITY NAME or DBA - Doing Business As) 3
MILPITAS GAS TERMINAL

CHEMICAL LOCATION 201
Building: MILPITAS TERMINAL / Location: Yard, South of Maintenanc

CHEMICAL LOCATION CONFIDENTIAL - EPCRA 202 ☐ Yes ☒ No

FACILITY ID # 1 | MAP # (optional) See figure 2.1 203 | GRID # (optional) E4 204

II. CHEMICAL INFORMATION

CHEMICAL NAME 205

TRADE SECRET 206 ☐ Yes ☒ No
If subject to EPCRA, refer to instructions

COMMON NAME 207
Mineral Oil from Transformers

EHS* 208 ☐ Yes ☒ No

CAS # 209

If EHS is 'Yes' all amounts below must be in lbs.

FIRE CODE HAZARD CLASSES (Complete if required by CUPA) 210
Combustible Liquid(CL3B)

HAZARDOUS MATERIAL TYPE (Check one item only) ☐ a. PURE ☒ b. MIXTURE ☐ c. WASTE 211

RADIOACTIVE 212 ☐ Yes ☒ No

CURIES 213

PHYSICAL STATE (Check one item only) ☐ a. SOLID ☒ b. LIQUID ☐ c. GAS 211

LARGEST CONTAINER 215
150.00

FED HAZARD CATEGORIES (Check all that apply) 216 ☐ a. FIRE ☐ b. REACTIVE ☐ c. PRESSURE RELEASE ☒ d. ACUTE HEALTH ☐ e. CHRONIC HEALTH

AVERAGE DAILY AMOUNT 100.00 217

MAXIMUM DAILY AMOUNT 150.00 218

ANNUAL WASTE AMOUNT 219

STATE WASTE CODE 220

UNIT* (Check one item only) ☒ a. GALLONS ☐ b. CUBIC FEET ☐ c. POUNDS ☐ d. TONS
* If EHS, amount must be in pounds

221 DAYS ON SITE 222
365

STORAGE CONTAINER (C' 'l that apply) 223
☐ a. ABOVEGROUND TANK ☐ b. UNDERGROUND TANK ☐ c. TANK INSIDE BUILDING ☐ d. STEEL DRUM
☐ e. PLASTIC DRUM ☐ f. CAN ☐ g. CARBOY ☐ h. SILO
☐ i. FIBER DRUM ☐ j. BAG ☐ k. BOX ☐ l. CYLINDER
☐ m. GLASS BOTTLE ☐ n. PLASTIC BOTTLE ☐ o. TOTE BIN ☐ p. TANK WAGON
☐ q. RAIL CAR ☒ r. OTHER

STORAGE PRESSURE 224 ☒ a. AMBIENT ☐ b. ABOVE AMBIENT ☐ c. BELOW AMBIENT

STORAGE TEMPERATURE 225 ☒ a. AMBIENT ☐ b. ABOVE AMBIENT ☐ c. BELOW AMBIENT ☐ d. CRYOGENIC

	%WT	HAZARDOUS COMPONENT (for mixture or waste only)	EHS	CAS #
1	226 0.19	227 BUTYLATED HYDROXY TOLUENE	228 ☐ Yes ☒ No	229 128-37-0
2	230 70	231 HYDROTREATED LIGHT NAPHTHENIC DISTILLATE	232 ☐ Yes ☒ No	233 64742-53-6
3	234 40	235 HYDROTREATED MIDDLE DISTILLATE	236 ☐ Yes ☒ No	237 64742-46-7
4	238	239	240 ☐ Yes ☒ No	241
5	242	243	244 ☐ Yes ☒ No	245

If more hazardous components are present at greater than 1% by weight if non-carcinogenic, or 0.1% by weidht if carcinogenic, attach additional sheets of paper capturing the required information:

ADDITIONAL LOCALLY COLLECTED INFORMATION: 246

If EPCRA, Please Sign Here

HAZARDOUS MATERIALS INVENTORY - CHEMICAL DESCRIPTION

(one page per material per building or area)

☐ ADD ☐ DELETE ☐ REVISE 200

I. FACILITY INFORMATION

BUSINESS NAME (Same as FACILITY NAME or DBA - Doing Business As) 3
MILPITAS GAS TERMINAL

CHEMICAL LOCATION
Building: YARD / Location: C1, C2 and C3

201 CHEMICAL LOCATION CONFIDENTIAL - EPCRA ☐ Yes ☒ No 202

FACILITY ID # 1 MAP # (optional) See figure 2.1 203 GRID # (optional) B3 204

II. CHEMICAL INFORMATION

CHEMICAL NAME 205

TRADE SECRET ☐ Yes ☒ No 206
If subject to EPCRA, refer to instructions

COMMON NAME 207
Pipeline Liquids

EHS* ☐ Yes ☒ No 208

CAS # 209

If EHS is 'Yes' all amounts below must be in lbs.

FIRE CODE HAZARD CLASSES (Complete if required by CUPA) 210
Flammable Liquid(FL1B)

HAZARDOUS MATERIAL TYPE (Check one item only) ☐ a. PURE ☒ b. MIXTURE ☐ c. WASTE 211 RADIOACTIVE ☐ Yes ☒ No 212 CURIES 213

PHYSICAL STATE (Check one item only) ☐ a. SOLID ☒ b. LIQUID ☐ c. GAS 211 LARGEST CONTAINER 3,000.00 215

FED HAZARD CATEGORIES (Check all that apply) ☒ a. FIRE ☐ b. REACTIVE ☐ c. PRESSURE RELEASE ☒ d. ACUTE HEALTH ☐ e. CHRONIC HEALTH 216

AVERAGE DAILY AMOUNT 2,667.00 217 MAXIMUM DAILY AMOUNT 4,000.00 218 ANNUAL WASTE AMOUNT 219 STATE WASTE CODE 220

UNIT* (Check one item only) ☒ a. GALLONS ☐ b. CUBIC FEET ☐ c. POUNDS ☐ d. TONS
* If EHS, amount must be in pounds
221 DAYS ON SITE 365 222

STORAGE CONTAINER (Check all that apply) 223
☒ a. ABOVEGROUND TANK ☐ e. PLASTIC DRUM ☐ i. FIBER DRUM ☐ m. GLASS BOTTLE ☐ q. RAIL CAR
☐ b. UNDERGROUND TANK ☐ f. CAN ☐ j. BAG ☐ n. PLASTIC BOTTLE ☐ r. OTHER
☐ c. TANK INSIDE BUILDING ☐ g. CARBOY ☐ k. BOX ☐ o. TOTE BIN
☐ d. STEEL DRUM ☐ h. SILO ☐ l. CYLINDER ☐ p. TANK WAGON

STORAGE PRESSURE ☒ a. AMBIENT ☐ b. ABOVE AMBIENT ☐ c. BELOW AMBIENT 224

STORAGE TEMPERATURE ☒ a. AMBIENT ☐ b. ABOVE AMBIENT ☐ c. BELOW AMBIENT ☐ d. CRYOGENIC 225

	%WT	HAZARDOUS COMPONENT (for mixture or waste only)	EHS	CAS #
1	226 85	227 ALIPHATIC HYDROCARBONS	228 ☐ Yes ☒ No	229 64742-48-9
2	230 2	231 BENZENE	232 ☐ Yes ☒ No	233 71-43-2
3	234 6	235 TOLUENE	236 ☐ Yes ☒ No	237 108-88-3
4	238 7	239 XYLENE	240 ☐ Yes ☒ No	241 1330-20-7
5	242	243	244 ☐ Yes ☒ No	245

If more hazardous components are present at greater than 1% by weight if non-carcinogenic, or 0.1% by weidht if carcinogenic, attach additional sheets of paper capturing the required information:

ADDITIONAL LOCALLY COLLECTED INFORMATION: 246

If EPCRA, Please Sign Here

Inified Program Consolidated Form

HAZARDOUS MATERIALS

HAZARDOUS MATERIALS INVENTORY - CHEMICAL DESCRIPTION

(one page per material per building or area)

☐ ADD ☐ DELETE ☐ REVISE 200

I. FACILITY INFORMATION

BUSINESS NAME (Same as FACILITY NAME or DBA - Doing Business As) 3
MILPITAS GAS TERMINAL

CHEMICAL LOCATION 201
Building: YARD / Location: COMPR. GAS STOR AREA 1

CHEMICAL LOCATION CONFIDENTIAL - EPCRA 202 ☐ Yes ☒ No

FACILITY ID # 1 MAP # (optional) See figure 2.1 203 GRID # (optional) C4 204

II. CHEMICAL INFORMATION

CHEMICAL NAME 205
HYDROGEN

TRADE SECRET 206 ☐ Yes ☒ No
If subject to EPCRA, refer to instructions

COMMON NAME 207

EHS* 208 ☐ Yes ☒ No

CAS # 209
1333-74-0

If EHS is 'Yes' all amounts below must be in lbs.

FIRE CODE HAZARD CLASSES (Complete if required by CUPA) 210
Flammable gas (gaseous)(FGG)

HAZARDOUS MATERIAL TYPE (Check one item only) ☒ a. PURE ☐ b. MIXTURE ☐ c. WASTE

211 RADIOACTIVE ☐ Yes ☒ No

212 CURIES 213

PHYSICAL STATE (Check one item only) ☐ a. SOLID ☐ b. LIQUID ☒ c. GAS

211 LARGEST CONTAINER 215
40.00

FED HAZARD CATEGORIES (Check all that apply) 216 ☒ a. FIRE ☐ b. REACTIVE ☒ c. PRESSURE RELEASE ☐ d. ACUTE HEALTH ☐ e. CHRONIC HEALTH

AVERAGE DAILY AMOUNT 53.00 217 MAXIMUM DAILY AMOUNT 80.00 218 ANNUAL WASTE AMOUNT 219 STATE WASTE CODE 220

UNIT* (Check one item only) ☐ a. GALLONS ☒ b. CUBIC FEET ☐ c. POUNDS ☐ d. TONS
* If EHS, amount must be in pounds

221 DAYS ON SITE 222
365

STORAGE CONTAINER (Check all that apply) 223

☐ a. ABOVEGROUND TANK	☐ e. PLASTIC DRUM	☐ i. FIBER DRUM	☐ m. GLASS BOTTLE	☐ q. RAIL CAR
☐ b. UNDERGROUND TANK	☐ f. CAN	☐ j. BAG	☐ n. PLASTIC BOTTLE	☐ r. OTHER
☐ c. TANK INSIDE BUILDING	☐ g. CARBOY	☐ k. BOX	☐ o. TOTE BIN	
☐ d. STEEL DRUM	☐ h. SILO	☒ l. CYLINDER	☐ p. TANK WAGON	

STORAGE PRESSURE 224 ☐ a. AMBIENT ☒ b. ABOVE AMBIENT ☐ c. BELOW AMBIENT

STORAGE TEMPERATURE 225 ☒ a. AMBIENT ☐ b. ABOVE AMBIENT ☐ c. BELOW AMBIENT ☐ d. CRYOGENIC

	%WT	HAZARDOUS COMPONENT (for mixture or waste only)	EHS	CAS #
1	226	227	228 ☐ Yes ☒ No	229
2	230	231	232 ☐ Yes ☒ No	233
3	234	235	236 ☐ Yes ☒ No	237
4	238	239	240 ☐ Yes ☒ No	241
5	242	243	244 ☐ Yes ☒ No	245

If more hazardous components are present at greater than 1% by weight if non-carcinogenic, or 0.1% by weidht if carcinogenic, attach additional sheets of paper capturing the required information:

ADDITIONAL LOCALLY COLLECTED INFORMATION: 246

If EPCRA, Please Sign Here

HAZARDOUS MATERIALS INVENTORY - CHEMICAL DESCRIPTION

(one page per material per building or area)

☐ ADD ☐ DELETE ☐ REVISE 200

I. FACILITY INFORMATION

BUSINESS NAME (Same as FACILITY NAME or DBA - Doing Business As) 3
MILPITAS GAS TERMINAL

CHEMICAL LOCATION
Building: YARD / Location: COMPR. GAS STOR AREA 3

201 CHEMICAL LOCATION CONFIDENTIAL - EPCRA ☐ Yes ☒ No 202

FACILITY ID # 1 MAP # (optional) See figure 2.1 203 GRID # (optional) C6 204

II. CHEMICAL INFORMATION

CHEMICAL NAME
NITROGEN

205 TRADE SECRET ☐ Yes ☒ No 206
If subject to EPCRA, refer to instructions

COMMON NAME

207 EHS* ☐ Yes ☒ No 208

CAS # .
7727-37-9

209 If EHS is 'Yes' all amounts below must be in lbs.

FIRE CODE HAZARD CLASSES (Complete if required by CUPA) 210
Non Flammable Gas(NFG)

HAZARDOUS MATERIAL TYPE (Check one item only) ☒ a. PURE ☐ b. MIXTURE ☐ c. WASTE 211 RADIOACTIVE ☐ Yes ☒ No 212 CURIES 213

PHYSICAL STATE (Check one item only) ☐ a. SOLID ☐ b. LIQUID ☒ c. GAS 211 LARGEST CONTAINER 228.00 215

FED HAZARD CATEGORIES (Check all that apply) ☐ a. FIRE ☐ b. REACTIVE ☒ c. PRESSURE RELEASE ☐ d. ACUTE HEALTH ☐ e. CHRONIC HEALTH 216

AVERAGE DAILY AMOUNT 608.00 217 MAXIMUM DAILY AMOUNT 912.00 218 ANNUAL WASTE AMOUNT 219 STATE WASTE CODE 220

UNIT* (Check one item only) ☐ a. GALLONS ☒ b. CUBIC FEET ☐ c. POUNDS ☐ d. TONS
* If EHS, amount must be in pounds
221 DAYS ON SITE 365 222

STORAGE CONTAINER (Check all that apply) 223
☐ a. ABOVEGROUND TANK ☐ e. PLASTIC DRUM ☐ i. FIBER DRUM ☐ m. GLASS BOTTLE ☐ q. RAIL CAR
☐ b. UNDERGROUND TANK ☐ f. CAN ☐ j. BAG ☐ n. PLASTIC BOTTLE ☐ r. OTHER
☐ c. TANK INSIDE BUILDING ☐ g. CARBOY ☐ k. BOX ☐ o. TOTE BIN
☐ d. STEEL DRUM ☐ h. SILO ☒ l. CYLINDER ☐ p. TANK WAGON

STORAGE PRESSURE ☐ a. AMBIENT ☒ b. ABOVE AMBIENT ☐ c. BELOW AMBIENT 224

STORAGE TEMPERATURE ☒ a. AMBIENT ☐ b. ABOVE AMBIENT ☐ c. BELOW AMBIENT ☐ d. CRYOGENIC 225

	%WT	HAZARDOUS COMPONENT (for mixture or waste only)	EHS	CAS #
1	226	227	228 ☐ Yes ☒ No	229
2	230	231	232 ☐ Yes ☒ No	233
3	234	235	236 ☐ Yes ☒ No	237
4	238	239	240 ☐ Yes ☒ No	241
5	242	243	244 ☐ Yes ☒ No	245

If more hazardous components are present at greater than 1% by weight if non-carcinogenic, or 0.1% by weidht if carcinogenic, attach additional sheets of paper capturing the required information:

ADDITIONAL LOCALLY COLLECTED INFORMATION: 246

If EPCRA, Please Sign Here

HAZARDOUS MATERIALS INVENTORY - CHEMICAL DESCRIPTION

(one page per material per building or area)

☐ ADD ☐ DELETE ☐ REVISE 200

I. FACILITY INFORMATION

BUSINESS NAME (Same as FACILITY NAME or DBA - Doing Business As) 3
MILPITAS GAS TERMINAL

CHEMICAL LOCATION
Building: YARD / Location: HAZ MAT/WASTE STO BLDG A

201 CHEMICAL LOCATION CONFIDENTIAL - EPCRA ☐ Yes ☒ No 202

FACILITY ID # 1 MAP # (optional) See figure 2.1 203 GRID # (optional) C4 204

II. CHEMICAL INFORMATION

CHEMICAL NAME 205 TRADE SECRET ☐ Yes ☒ No 206
If subject to EPCRA, refer to instructions

COMMON NAME
1027 SPRAY PRIMER (AEROSOL) 207 EHS* ☐ Yes ☒ No 208

CAS # 209 If EHS is 'Yes' all amounts below must be in lbs.

FIRE CODE HAZARD CLASSES (Complete if required by CUPA) 210
Flammable Liquid(FL1A)

HAZARDOUS MATERIAL TYPE (Check one item only) ☐ a. PURE ☒ b. MIXTURE ☐ c. WASTE 211 RADIOACTIVE ☐ Yes ☒ No 212 CURIES 213

PHYSICAL STATE (Check one item only) ☐ a. SOLID ☒ b. LIQUID ☐ c. GAS 211 LARGEST CONTAINER 0.09 215

FED HAZARD CATEGORIES (Check all that apply) ☒ a. FIRE ☐ b. REACTIVE ☒ c. PRESSURE RELEASE ☒ d. ACUTE HEALTH ☐ e. CHRONIC HEALTH 216

AVERAGE DAILY AMOUNT 0.38 217 MAXIMUM DAILY AMOUNT 0.56 218 ANNUAL WASTE AMOUNT 219 STATE WASTE CODE 220

UNIT* (Check one item only) ☒ a. GALLONS ☐ b. CUBIC FEET ☐ c. POUNDS ☐ d. TONS
* If EHS, amount must be in pounds
221 DAYS ON SITE 365 222

STORAGE CONTAINER (Check all that apply) 223
☐ a. ABOVEGROUND TANK ☐ e. PLASTIC DRUM ☐ i. FIBER DRUM ☐ m. GLASS BOTTLE ☐ q. RAIL CAR
☐ b. UNDERGROUND TANK ☒ f. CAN ☐ j. BAG ☐ n. PLASTIC BOTTLE ☐ r. OTHER
☐ c. TANK INSIDE BUILDING ☐ g. CARBOY ☐ k. BOX ☐ o. TOTE BIN
☐ d. STEEL DRUM ☐ h. SILO ☐ l. CYLINDER ☐ p. TANK WAGON

STORAGE PRESSURE ☐ a. AMBIENT ☒ b. ABOVE AMBIENT ☐ c. BELOW AMBIENT 224

STORAGE TEMPERATURE ☒ a. AMBIENT ☐ b. ABOVE AMBIENT ☐ c. BELOW AMBIENT ☐ d. CRYOGENIC 225

	%WT	HAZARDOUS COMPONENT (for mixture or waste only)	EHS	CAS #
1	226 60	227 METHYLENE CHLORIDE	228 ☐ Yes ☒ No	229 75-09-2
2	230 30	231 PROPANE	232 ☐ Yes ☒ No	233 74-98-6
3	234 5	235 TOLUENE	236 ☐ Yes ☒ No	237 108-88-3
4	238 20	239 VMP NAPHTHA	240 ☐ Yes ☒ No	241 64742-89-8
5	242	243	244 ☐ Yes ☒ No	245

If more hazardous components are present at greater than 1% by weight if non-carcinogenic, or 0.1% by weidht if carcinogenic, attach additional sheets of paper capturing the required information:

ADDITIONAL LOCALLY COLLECTED INFORMATION: 246

If EPCRA, Please Sign Here

'nified Program Consolidated Form

HAZARDOUS MATERIALS

HAZARDOUS MATERIALS INVENTORY - CHEMICAL DESCRIPTION

(one page per material per building or area)

☐ ADD ☐ DELETE ☐ REVISE 200

I. FACILITY INFORMATION

BUSINESS NAME (Same as FACILITY NAME or DBA - Doing Business As) 3
MILPITAS GAS TERMINAL

CHEMICAL LOCATION
Building: YARD / Location: HAZ MAT/WASTE STO BLDG A

201 CHEMICAL LOCATION CONFIDENTIAL - EPCRA ☐ Yes ☒ No 202

FACILITY ID # 1 MAP # (optional) See figure 2.1 203 GRID # (optional) C4 204

II. CHEMICAL INFORMATION

CHEMICAL NAME 205

TRADE SECRET ☐ Yes ☒ No 206
If subject to EPCRA, refer to instructions

COMMON NAME 207
1033 Sealant

EHS* ☐ Yes ☒ No 208

CAS # 209

If EHS is 'Yes' all amounts below must be in lbs.

FIRE CODE HAZARD CLASSES (Complete if required by CUPA) 210
Toxic solid(TS)

HAZARDOUS MATERIAL TYPE (Check one item only) ☐ a. PURE ☒ b. MIXTURE ☐ c. WASTE 211 RADIOACTIVE ☐ Yes ☒ No 212 CURIES 213

PHYSICAL STATE (Check one item only) ☒ a. SOLID ☐ b. LIQUID ☐ c. GAS 211 LARGEST CONTAINER 10.00 215

FED HAZARD CATEGORIES (Check all that apply) ☐ a. FIRE ☐ b. REACTIVE ☐ c. PRESSURE RELEASE ☒ d. ACUTE HEALTH ☐ e. CHRONIC HEALTH 216

AVERAGE DAILY AMOUNT 100.00 217 MAXIMUM DAILY AMOUNT 150.00 218 ANNUAL WASTE AMOUNT 219 STATE WASTE CODE 220

UNIT* (Check one item only) ☐ a. GALLONS ☐ b. CUBIC FEET ☒ c. POUNDS ☐ d. TONS
* If EHS, amount must be in pounds
221 DAYS ON SITE 365 222

STORAGE CONTAINER (C[illegible]ll that apply) 223
☐ a. ABOVEGROUND TANK ☐ b. UNDERGROUND TANK ☐ c. TANK INSIDE BUILDING ☐ d. STEEL DRUM
☐ e. PLASTIC DRUM ☒ f. CAN ☐ g. CARBOY ☐ h. SILO
☐ i. FIBER DRUM ☐ j. BAG ☐ k. BOX ☐ l. CYLINDER
☐ m. GLASS BOTTLE ☐ n. PLASTIC BOTTLE ☐ o. TOTE BIN ☐ p. TANK WAGON
☐ q. RAIL CAR ☐ r. OTHER

STORAGE PRESSURE ☒ a. AMBIENT ☐ b. ABOVE AMBIENT ☐ c. BELOW AMBIENT 224

STORAGE TEMPERATURE ☒ a. AMBIENT ☐ b. ABOVE AMBIENT ☐ c. BELOW AMBIENT ☐ d. CRYOGENIC 225

	%WT	HAZARDOUS COMPONENT (for mixture or waste only)	EHS	CAS #
1	226 12	227 SILICA, AMORPHOUS	228 ☐ Yes ☒ No	229 112945-52-5
2	230 5	231 SILICA, TREATED, AMORPHOUS	232 ☐ Yes ☒ No	233 68611-44-9
3	234	235	236 ☐ Yes ☒ No	237
4	238	239	240 ☐ Yes ☒ No	241
5	242	243	244 ☐ Yes ☒ No	245

If more hazardous components are present at greater than 1% by weight if non-carcinogenic, or 0.1% by weidht if carcinogenic, attach additional sheets of paper capturing the required information:

ADDITIONAL LOCALLY COLLECTED INFORMATION: 246

If EPCRA, Please Sign Here

HAZARDOUS MATERIALS INVENTORY - CHEMICAL DESCRIPTION

(one page per material per building or area)

☐ ADD ☐ DELETE ☐ REVISE 200

I. FACILITY INFORMATION

BUSINESS NAME (Same as FACILITY NAME or DBA - Doing Business As) 3
MILPITAS GAS TERMINAL

CHEMICAL LOCATION
Building: YARD / Location: HAZ MAT/WASTE STO BLDG A

201 CHEMICAL LOCATION CONFIDENTIAL - EPCRA ☐ Yes ☒ No 202

FACILITY ID # 1 MAP # (optional) See figure 2.1 203 GRID # (optional) C4 204

II. CHEMICAL INFORMATION

CHEMICAL NAME
ACETONE

205 TRADE SECRET ☐ Yes ☒ No 206
If subject to EPCRA, refer to instructions

COMMON NAME

207 EHS* ☐ Yes ☒ No 208

CAS #
67-64-1

209 If EHS is 'Yes' all amounts below must be in lbs.

FIRE CODE HAZARD CLASSES (Complete if required by CUPA) 210
Flammable Liquid(FL1B), Irritants(IR)

HAZARDOUS MATERIAL TYPE (Check one item only) ☒ a. PURE ☐ b. MIXTURE ☐ c. WASTE
211 RADIOACTIVE ☐ Yes ☒ No 212 CURIES 213

PHYSICAL STATE (Check one item only) ☐ a. SOLID ☒ b. LIQUID ☐ c. GAS
211 LARGEST CONTAINER 1.00 215

FED HAZARD CATEGORIES (Check all that apply) ☒ a. FIRE ☒ b. REACTIVE ☐ c. PRESSURE RELEASE ☒ d. ACUTE HEALTH ☐ e. CHRONIC HEALTH 216

AVERAGE DAILY AMOUNT 1.00 217 MAXIMUM DAILY AMOUNT 1.00 218 ANNUAL WASTE AMOUNT 219 STATE WASTE CODE 220

UNIT* (Check one item only) ☒ a. GALLONS ☐ b. CUBIC FEET ☐ c. POUNDS ☐ d. TONS
* If EHS, amount must be in pounds
221 DAYS ON SITE 365 222

STORAGE CONTAINER (Check all that apply) 223
☐ a. ABOVEGROUND TANK ☐ e. PLASTIC DRUM ☐ i. FIBER DRUM ☐ m. GLASS BOTTLE ☐ q. RAIL CAR
☐ b. UNDERGROUND TANK ☒ f. CAN ☐ j. BAG ☐ n. PLASTIC BOTTLE ☐ r. OTHER
☐ c. TANK INSIDE BUILDING ☐ g. CARBOY ☐ k. BOX ☐ o. TOTE BIN
☐ d. STEEL DRUM ☐ h. SILO ☐ l. CYLINDER ☐ p. TANK WAGON

STORAGE PRESSURE ☒ a. AMBIENT ☐ b. ABOVE AMBIENT ☐ c. BELOW AMBIENT 224

STORAGE TEMPERATURE ☒ a. AMBIENT ☐ b. ABOVE AMBIENT ☐ c. BELOW AMBIENT ☐ d. CRYOGENIC 225

	%WT	HAZARDOUS COMPONENT (for mixture or waste only)	EHS	CAS #
1	226 100	227 ACETONE	228 ☐ Yes ☒ No	229 67-64-1
2	230	231	232 ☐ Yes ☒ No	233
3	234	235	236 ☐ Yes ☒ No	237
4	238	239	240 ☐ Yes ☒ No	241
5	242	243	244 ☐ Yes ☒ No	245

If more hazardous components are present at greater than 1% by weight if non-carcinogenic, or 0.1% by weidht if carcinogenic, attach additional sheets of paper capturing the required information:

ADDITIONAL LOCALLY COLLECTED INFORMATION: 246

If EPCRA, Please Sign Here

Inified Program Consolidated Form

HAZARDOUS MATERIALS

HAZARDOUS MATERIALS INVENTORY - CHEMICAL DESCRIPTION

(one page per material per building or area)

☐ ADD ☐ DELETE ☐ REVISE 200 Page 41 of *

I. FACILITY INFORMATION

BUSINESS NAME (Same as FACILITY NAME or DBA - Doing Business As) 3
MILPITAS GAS TERMINAL

CHEMICAL LOCATION 201
Building: YARD / Location: HAZ MAT/WASTE STO BLDG A

CHEMICAL LOCATION CONFIDENTIAL - EPCRA 202 ☐ Yes ☒ No

FACILITY ID # 1 | MAP # (optional) See figure 2.1 203 | GRID # (optional) C4 204

II. CHEMICAL INFORMATION

CHEMICAL NAME 205

TRADE SECRET 206 ☐ Yes ☒ No
If subject to EPCRA, refer to instructions

COMMON NAME 207
AHP-65 ONE-STEP RUST CONVERTER

EHS* 208 ☐ Yes ☒ No

CAS # 209

If EHS is 'Yes' all amounts below must be in lbs.

FIRE CODE HAZARD CLASSES (Complete if required by CUPA) 210
Other Health Hazards(OHH)

HAZARDOUS MATERIAL TYPE (Check one item only) ☐ a. PURE ☒ b. MIXTURE ☐ c. WASTE 211 | RADIOACTIVE 212 ☐ Yes ☒ No | CURIES 213

PHYSICAL STATE (Check one item only) ☐ a. SOLID ☒ b. LIQUID ☐ c. GAS 211 | LARGEST CONTAINER 215
5.00

FED HAZARD CATEGORIES (Check all that apply) ☐ a. FIRE ☐ b. REACTIVE ☐ c. PRESSURE RELEASE ☒ d. ACUTE HEALTH ☐ e. CHRONIC HEALTH 216

AVERAGE DAILY AMOUNT	MAXIMUM DAILY AMOUNT	ANNUAL WASTE AMOUNT	STATE WASTE CODE
3.00 217	5.00 218	219	220

UNIT* (Check one item only) ☒ a. GALLONS ☐ b. CUBIC FEET ☐ c. POUNDS ☐ d. TONS 221
* If EHS, amount must be in pounds

DAYS ON SITE 222
365

STORAGE CONTAINER (Check all that apply) 223

☐ a. ABOVEGROUND TANK	☐ e. PLASTIC DRUM	☐ i. FIBER DRUM	☐ m. GLASS BOTTLE	☐ q. RAIL CAR
☐ b. UNDERGROUND TANK	☐ f. CAN	☐ j. BAG	☒ n. PLASTIC BOTTLE	☐ r. OTHER
☐ c. TANK INSIDE BUILDING	☐ g. CARBOY	☐ k. BOX	☐ o. TOTE BIN	
☐ d. STEEL DRUM	☐ h. SILO	☐ l. CYLINDER	☐ p. TANK WAGON	

STORAGE PRESSURE 224 ☒ a. AMBIENT ☐ b. ABOVE AMBIENT ☐ c. BELOW AMBIENT

STORAGE TEMPERATURE 225 ☒ a. AMBIENT ☐ b. ABOVE AMBIENT ☐ c. BELOW AMBIENT ☐ d. CRYOGENIC

	%WT	HAZARDOUS COMPONENT (for mixture or waste only)	EHS	CAS #
1	226 5	227 PROPYLENE GLYCOL	228 ☐ Yes ☒ No	229 57-55-6
2	230	231	232 ☐ Yes ☒ No	233
3	234	235	236 ☐ Yes ☒ No	237
4	238	239	240 ☐ Yes ☒ No	241
5	242	243	244 ☐ Yes ☒ No	245

If more hazardous components are present at greater than 1% by weight if non-carcinogenic, or 0.1% by weidht if carcinogenic, attach additional sheets of paper capturing the required information:

ADDITIONAL LOCALLY COLLECTED INFORMATION: 246

If EPCRA, Please Sign Here

Unified Program Consolidated Form

HAZARDOUS MATERIALS

HAZARDOUS MATERIALS INVENTORY - CHEMICAL DESCRIPTION

(one page per material per building or area)

☐ ADD ☐ DELETE ☐ REVISE 200

I. FACILITY INFORMATION

BUSINESS NAME (Same as FACILITY NAME or DBA - Doing Business As) 3

MILPITAS GAS TERMINAL

CHEMICAL LOCATION

Building: YARD / Location: HAZ MAT/WASTE STO BLDG A

201 CHEMICAL LOCATION CONFIDENTIAL - EPCRA ☐ Yes ☒ No 202

FACILITY ID # 1 MAP # (optional) See figure 2.1 203 GRID # (optional) C4 204

II. CHEMICAL INFORMATION

CHEMICAL NAME 205 TRADE SECRET ☐ Yes ☒ No 206

If subject to EPCRA, refer to instructions

COMMON NAME

AIR TOOL OIL

207 EHS* ☐ Yes ☒ No 208

CAS # 209

If EHS is 'Yes' all amounts below must be in lbs.

FIRE CODE HAZARD CLASSES (Complete if required by CUPA) 210

Combustible Liquid(CL2)

HAZARDOUS MATERIAL TYPE (Check one item only) ☐ a. PURE ☒ b. MIXTURE ☐ c. WASTE 211 RADIOACTIVE ☐ Yes ☒ No 212 CURIES 213

PHYSICAL STATE (Check one item only) ☐ a. SOLID ☒ b. LIQUID ☐ c. GAS 211 LARGEST CONTAINER 0.25 215

FED HAZARD CATEGORIES (Check all that apply) ☐ a. FIRE ☐ b. REACTIVE ☐ c. PRESSURE RELEASE ☒ d. ACUTE HEALTH ☐ e. CHRONIC HEALTH 216

AVERAGE DAILY AMOUNT 0.25 217 MAXIMUM DAILY AMOUNT 0.25 218 ANNUAL WASTE AMOUNT 219 STATE WASTE CODE 220

UNIT* (Check one item only) ☒ a. GALLONS ☐ b. CUBIC FEET ☐ c. POUNDS ☐ d. TONS 221 DAYS ON SITE 365 222

* If EHS, amount must be in pounds

STORAGE CONTAINER (Check all that apply) 223

☐ a. ABOVEGROUND TANK ☐ e. PLASTIC DRUM ☐ i. FIBER DRUM ☐ m. GLASS BOTTLE ☐ q. RAIL CAR

☐ b. UNDERGROUND TANK ☒ f. CAN ☐ j. BAG ☐ n. PLASTIC BOTTLE ☐ r. OTHER

☐ c. TANK INSIDE BUILDING ☐ g. CARBOY ☐ k. BOX ☐ o. TOTE BIN

☐ d. STEEL DRUM ☐ h. SILO ☐ l. CYLINDER ☐ p. TANK WAGON

STORAGE PRESSURE ☒ a. AMBIENT ☐ b. ABOVE AMBIENT ☐ c. BELOW AMBIENT 224

STORAGE TEMPERATURE ☒ a. AMBIENT ☐ b. ABOVE AMBIENT ☐ c. BELOW AMBIENT ☐ d. CRYOGENIC 225

	%WT	HAZARDOUS COMPONENT (for mixture or waste only)	EHS	CAS #
1	226 30	227 MINERAL SPIRITS	228 ☐ Yes ☒ No	229 64475-85-0
2	230 67	231 NAPHTHENIC OIL	232 ☐ Yes ☒ No	233 64742-13-8
3	234	235	236 ☐ Yes ☒ No	237
4	238	239	240 ☐ Yes ☒ No	241
5	242	243	244 ☐ Yes ☒ No	245

If more hazardous components are present at greater than 1% by weight if non-carcinogenic, or 0.1% by weidht if carcinogenic, attach additional sheets of paper capturing the required information:

ADDITIONAL LOCALLY COLLECTED INFORMATION: 246

If EPCRA, Please Sign Here

'Unified Program Consolidated Form

HAZARDOUS MATERIALS

HAZARDOUS MATERIALS INVENTORY - CHEMICAL DESCRIPTION

(one page per material per building or area)

☐ ADD ☐ DELETE ☐ REVISE 200

I. FACILITY INFORMATION

BUSINESS NAME (Same as FACILITY NAME or DBA - Doing Business As) 3
MILPITAS GAS TERMINAL

CHEMICAL LOCATION 201
Building: YARD / Location: HAZ MAT/WASTE STO BLDG A

CHEMICAL LOCATION CONFIDENTIAL - EPCRA 202 ☐ Yes ☒ No

FACILITY ID # 1 | MAP # (optional) See figure 2.1 203 | GRID # (optional) C4 204

II. CHEMICAL INFORMATION

CHEMICAL NAME 205

TRADE SECRET 206 ☐ Yes ☒ No
If subject to EPCRA, refer to instructions

COMMON NAME 207
Aqua guard Meter Gray

EHS* 208 ☐ Yes ☒ No

CAS # 209

If EHS is 'Yes' all amounts below must be in lbs.

FIRE CODE HAZARD CLASSES (Complete if required by CUPA) 210
Combustible Liquid(CL2)

HAZARDOUS MATERIAL TYPE (Check one item only) ☐ a. PURE ☒ b. MIXTURE ☐ c. WASTE

211 RADIOACTIVE ☐ Yes ☒ No

212 CURIES 213

PHYSICAL STATE (Check one item only) ☐ a. SOLID ☒ b. LIQUID ☐ c. GAS

211 LARGEST CONTAINER 1.00 215

FED HAZARD CATEGORIES (Check all that apply) 216
☒ a. FIRE ☐ b. REACTIVE ☐ c. PRESSURE RELEASE ☐ d. ACUTE HEALTH ☐ e. CHRONIC HEALTH

AVERAGE DAILY AMOUNT 1.00 217 | MAXIMUM DAILY AMOUNT 1.00 218 | ANNUAL WASTE AMOUNT 219 | STATE WASTE CODE 220

UNIT* (Check one item only) ☒ a. GALLONS ☐ b. CUBIC FEET ☐ c. POUNDS ☐ d. TONS
* If EHS, amount must be in pounds

221 DAYS ON SITE 365 222

STORAGE CONTAINER (Check all that apply) 223

☐ a. ABOVEGROUND TANK	☐ e. PLASTIC DRUM	☐ i. FIBER DRUM	☐ m. GLASS BOTTLE	☐ q. RAIL CAR
☐ b. UNDERGROUND TANK	☒ f. CAN	☐ j. BAG	☐ n. PLASTIC BOTTLE	☐ r. OTHER
☐ c. TANK INSIDE BUILDING	☐ g. CARBOY	☐ k. BOX	☐ o. TOTE BIN	
☐ d. STEEL DRUM	☐ h. SILO	☐ l. CYLINDER	☐ p. TANK WAGON	

STORAGE PRESSURE 224 ☒ a. AMBIENT ☐ b. ABOVE AMBIENT ☐ c. BELOW AMBIENT

STORAGE TEMPERATURE 225 ☒ a. AMBIENT ☐ b. ABOVE AMBIENT ☐ c. BELOW AMBIENT ☐ d. CRYOGENIC

	%WT	HAZARDOUS COMPONENT (for mixture or waste only)	EHS	CAS #
1	226 15	227 2-BUTOXYETHANOL	228 ☐ Yes ☒ No	229 111-76-2
2	230	231	232 ☐ Yes ☒ No	233
3	234	235	236 ☐ Yes ☒ No	237
4	238	239	240 ☐ Yes ☒ No	241
5	242	243	244 ☐ Yes ☒ No	245

If more hazardous components are present at greater than 1% by weight if non-carcinogenic, or 0.1% by weidht if carcinogenic, attach additional sheets of paper capturing the required information:

ADDITIONAL LOCALLY COLLECTED INFORMATION: 246

If EPCRA, Please Sign Here

Unified Program Consolidated Form

HAZARDOUS MATERIALS

HAZARDOUS MATERIALS INVENTORY - CHEMICAL DESCRIPTION

(one page per material per building or area)

☐ ADD ☐ DELETE ☐ REVISE 200

I. FACILITY INFORMATION

BUSINESS NAME (Same as FACILITY NAME or DBA - Doing Business As) 3
MILPITAS GAS TERMINAL

CHEMICAL LOCATION 201
Building: YARD / Location: HAZ MAT/WASTE STO BLDG A

CHEMICAL LOCATION CONFIDENTIAL - EPCRA 202 ☐ Yes ☒ No

FACILITY ID # 1 MAP # (optional) See figure 2.1 203 GRID # (optional) C4 204

II. CHEMICAL INFORMATION

CHEMICAL NAME 205

TRADE SECRET 206 ☐ Yes ☒ No
If subject to EPCRA, refer to instructions

COMMON NAME 207
ATF AUTOMATIC TRANSMISSION FLUID

EHS* 208 ☐ Yes ☒ No

CAS # 209

If EHS is 'Yes' all amounts below must be in lbs.

FIRE CODE HAZARD CLASSES (Complete if required by CUPA) 210
Combustible Liquid(CL3B)

HAZARDOUS MATERIAL TYPE (Check one item only) ☐ a. PURE ☒ b. MIXTURE ☐ c. WASTE 211

RADIOACTIVE ☐ Yes ☒ No 212 CURIES 213

PHYSICAL STATE (Check one item only) ☐ a. SOLID ☒ b. LIQUID ☐ c. GAS 211

LARGEST CONTAINER 0.25 215

FED HAZARD CATEGORIES (Check all that apply) ☐ a. FIRE ☐ b. REACTIVE ☐ c. PRESSURE RELEASE ☒ d. ACUTE HEALTH ☐ e. CHRONIC HEALTH 216

AVERAGE DAILY AMOUNT 1.00 217 MAXIMUM DAILY AMOUNT 1.50 218 ANNUAL WASTE AMOUNT 219 STATE WASTE CODE 220

UNIT* (Check one item only) ☒ a. GALLONS ☐ b. CUBIC FEET ☐ c. POUNDS ☐ d. TONS 221
* If EHS, amount must be in pounds

DAYS ON SITE 365 222

STORAGE CONTAINER (Check all that apply) 223

☐ a. ABOVEGROUND TANK	☐ e. PLASTIC DRUM	☐ i. FIBER DRUM	☐ m. GLASS BOTTLE	☐ q. RAIL CAR
☐ b. UNDERGROUND TANK	☐ f. CAN	☐ j. BAG	☒ n. PLASTIC BOTTLE	☐ r. OTHER
☐ c. TANK INSIDE BUILDING	☐ g. CARBOY	☐ k. BOX	☐ o. TOTE BIN	
☐ d. STEEL DRUM	☐ h. SILO	☐ l. CYLINDER	☐ p. TANK WAGON	

STORAGE PRESSURE ☒ a. AMBIENT ☐ b. ABOVE AMBIENT ☐ c. BELOW AMBIENT 224

STORAGE TEMPERATURE ☒ a. AMBIENT ☐ b. ABOVE AMBIENT ☐ c. BELOW AMBIENT ☐ d. CRYOGENIC 225

	%WT	HAZARDOUS COMPONENT (for mixture or waste only)	EHS	CAS #
1	226 15	227 DETERGENT	228 ☐ Yes ☒ No	229
2	230 90	231 LUBRICATING BASE OIL	232 ☐ Yes ☒ No	233
3	234	235	236 ☐ Yes ☒ No	237
4	238	239	240 ☐ Yes ☒ No	241
5	242	243	244 ☐ Yes ☒ No	245

If more hazardous components are present at greater than 1% by weight if non-carcinogenic, or 0.1% by weidht if carcinogenic, attach additional sheets of paper capturing the required information:

ADDITIONAL LOCALLY COLLECTED INFORMATION: 246

If EPCRA, Please Sign Here

'Unified Program Consolidated Form

HAZARDOUS MATERIALS

HAZARDOUS MATERIALS INVENTORY - CHEMICAL DESCRIPTION

(one page per material per building or area)

☐ ADD ☐ DELETE ☐ REVISE 200 Page 45 c

I. FACILITY INFORMATION

BUSINESS NAME (Same as FACILITY NAME or DBA - Doing Business As) 3
MILPITAS GAS TERMINAL

CHEMICAL LOCATION 201
Building: YARD / Location: HAZ MAT/WASTE STO BLDG A

CHEMICAL LOCATION CONFIDENTIAL - EPCRA 202 ☐ Yes ☒ No

FACILITY ID # 1 | MAP # (optional) See figure 2.1 203 | GRID # (optional) C4 204

II. CHEMICAL INFORMATION

CHEMICAL NAME 205

TRADE SECRET 206 ☐ Yes ☒ No
If subject to EPCRA, refer to instructions

COMMON NAME 207
BITUMASTIC #50 PROTECTIVE COAT

EHS* 208 ☐ Yes ☒ No

CAS # 209

If EHS is 'Yes' all amounts below must be in lbs.

FIRE CODE HAZARD CLASSES (Complete if required by CUPA) 210
Flammable Liquid(FL1C)

HAZARDOUS MATERIAL TYPE (Check one item only) ☐ a. PURE ☒ b. MIXTURE ☐ c. WASTE | 211 RADIOACTIVE ☐ Yes ☒ No | 212 CURIES 213

PHYSICAL STATE (Check one item only) ☐ a. SOLID ☒ b. LIQUID ☐ c. GAS | 211 LARGEST CONTAINER 1.00 215

FED HAZARD CATEGORIES (Check all that apply) ☒ a. FIRE ☐ b. REACTIVE ☐ c. PRESSURE RELEASE ☒ d. ACUTE HEALTH ☒ e. CHRONIC HEALTH 216

AVERAGE DAILY AMOUNT	MAXIMUM DAILY AMOUNT	ANNUAL WASTE AMOUNT	STATE WASTE CODE
1.00 217	2.00 218	219	220

UNIT* (Check one item only) ☒ a. GALLONS ☐ b. CUBIC FEET ☐ c. POUNDS ☐ d. TONS
* If EHS, amount must be in pounds
221 DAYS ON SITE 365 222

STORAGE CONTAINER (Check all that apply) 223

☐ a. ABOVEGROUND TANK	☐ e. PLASTIC DRUM	☐ i. FIBER DRUM	☐ m. GLASS BOTTLE	☐ q. RAIL CAR
☐ b. UNDERGROUND TANK	☒ f. CAN	☐ j. BAG	☐ n. PLASTIC BOTTLE	☐ r. OTHER
☐ c. TANK INSIDE BUILDING	☐ g. CARBOY	☐ k. BOX	☐ o. TOTE BIN	
☐ d. STEEL DRUM	☐ h. SILO	☐ l. CYLINDER	☐ p. TANK WAGON	

STORAGE PRESSURE 224 ☒ a. AMBIENT ☐ b. ABOVE AMBIENT ☐ c. BELOW AMBIENT

STORAGE TEMPERATURE 225 ☒ a. AMBIENT ☐ b. ABOVE AMBIENT ☐ c. BELOW AMBIENT ☐ d. CRYOGENIC

	%WT	HAZARDOUS COMPONENT (for mixture or waste only)	EHS	CAS #
1	15 226	CREOSOTE, COAL TAR 227	☐ Yes ☒ No 228	8001-58-9 229
2	20 230	INDENE 231	☐ Yes ☒ No 232	95-13-6 233
3	2 234	NAPHTHALENE 235	☐ Yes ☒ No 236	91-20-3 237
4	20 238	PITCH, COAL TAR 239	☐ Yes ☒ No 240	65996-93-2 241
5	5 242	XYLENE 243	☐ Yes ☒ No 244	1330-20-7 245

If more hazardous components are present at greater than 1% by weight if non-carcinogenic, or 0.1% by weidht if carcinogenic, attach additional sheets of paper capturing the required information:

ADDITIONAL LOCALLY COLLECTED INFORMATION: 246

If EPCRA, Please Sign Here

'Unified Program Consolidated Form

HAZARDOUS MATERIALS

HAZARDOUS MATERIALS INVENTORY - CHEMICAL DESCRIPTION

(one page per material per building or area)

☐ ADD ☐ DELETE ☐ REVISE 200

I. FACILITY INFORMATION

BUSINESS NAME (Same as FACILITY NAME or DBA - Doing Business As) 3
MILPITAS GAS TERMINAL

CHEMICAL LOCATION 201
Building: YARD / Location: HAZ MAT/WASTE STO BLDG A

CHEMICAL LOCATION CONFIDENTIAL - EPCRA 202 ☐ Yes ☒ No

FACILITY ID # 1 | MAP # (optional) See figure 2.1 203 | GRID # (optional) C4 204

II. CHEMICAL INFORMATION

CHEMICAL NAME 205

TRADE SECRET 206 ☐ Yes ☒ No
If subject to EPCRA, refer to instructions

COMMON NAME 207
CALIBRATION GAS

EHS* 208 ☐ Yes ☒ No

CAS # 209

If EHS is 'Yes' all amounts below must be in lbs.

FIRE CODE HAZARD CLASSES (Complete if required by CUPA) 210
Non Flammable Gas(NFG)

HAZARDOUS MATERIAL TYPE (Check one item only) ☐ a. PURE ☒ b. MIXTURE ☐ c. WASTE 211 | RADIOACTIVE ☐ Yes ☒ No 212 | CURIES 213

PHYSICAL STATE (Check one item only) ☐ a. SOLID ☐ b. LIQUID ☒ c. GAS 211 | LARGEST CONTAINER 16.00 215

FED HAZARD CATEGORIES (Check all that apply) ☐ a. FIRE ☐ b. REACTIVE ☒ c. PRESSURE RELEASE ☐ d. ACUTE HEALTH ☐ e. CHRONIC HEALTH 216

AVERAGE DAILY AMOUNT 37.00 217 | MAXIMUM DAILY AMOUNT 56.00 218 | ANNUAL WASTE AMOUNT 219 | STATE WASTE CODE 220

UNIT* (Check one item only) ☐ a. GALLONS ☒ b. CUBIC FEET ☐ c. POUNDS ☐ d. TONS 221 | DAYS ON SITE 365 222
* If EHS, amount must be in pounds

STORAGE CONTAINER (Check all that apply) 223
☐ a. ABOVEGROUND TANK ☐ b. UNDERGROUND TANK ☐ c. TANK INSIDE BUILDING ☐ d. STEEL DRUM ☐ e. PLASTIC DRUM ☐ f. CAN ☐ g. CARBOY ☐ h. SILO ☐ i. FIBER DRUM ☐ j. BAG ☐ k. BOX ☒ l. CYLINDER ☐ m. GLASS BOTTLE ☐ n. PLASTIC BOTTLE ☐ o. TOTE BIN ☐ p. TANK WAGON ☐ q. RAIL CAR ☐ r. OTHER

STORAGE PRESSURE 224 ☐ a. AMBIENT ☒ b. ABOVE AMBIENT ☐ c. BELOW AMBIENT

STORAGE TEMPERATURE 225 ☒ a. AMBIENT ☐ b. ABOVE AMBIENT ☐ c. BELOW AMBIENT ☐ d. CRYOGENIC

	%WT	HAZARDOUS COMPONENT (for mixture or waste only)	EHS	CAS #
1	226 2.5	227 METHANE	228 ☐ Yes ☒ No	229 74-82-8
2	230	231	232 ☐ Yes ☒ No	233
3	234	235	236 ☐ Yes ☒ No	237
4	238	239	240 ☐ Yes ☒ No	241
5	242	243	244 ☐ Yes ☒ No	245

If more hazardous components are present at greater than 1% by weight if non-carcinogenic, or 0.1% by weidht if carcinogenic, attach additional sheets of paper capturing the required information:

ADDITIONAL LOCALLY COLLECTED INFORMATION: 246

If EPCRA, Please Sign Here

'Unified Program Consolidated Form

HAZARDOUS MATERIALS

HAZARDOUS MATERIALS INVENTORY - CHEMICAL DESCRIPTION

(one page per material per building or area)

☐ ADD ☐ DELETE ☐ REVISE 200 Page 47 of '

I. FACILITY INFORMATION

BUSINESS NAME (Same as FACILITY NAME or DBA - Doing Business As) 3
MILPITAS GAS TERMINAL

CHEMICAL LOCATION 201
Building: YARD / Location: HAZ MAT/WASTE STO BLDG A

CHEMICAL LOCATION CONFIDENTIAL - EPCRA 202 ☐ Yes ☒ No

FACILITY ID # 1 | MAP # (optional) See figure 2.1 203 | GRID # (optional) C4 204

II. CHEMICAL INFORMATION

CHEMICAL NAME 205

TRADE SECRET 206 ☐ Yes ☒ No
If subject to EPCRA, refer to instructions

COMMON NAME
CHICO A, AJ, A3 OR A5 SEALING COMPOUND 207

EHS* 208 ☐ Yes ☒ No

CAS # 209

If EHS is 'Yes' all amounts below must be in lbs.

FIRE CODE HAZARD CLASSES (Complete if required by CUPA) 210
Other Health Hazards(OHH)

HAZARDOUS MATERIAL TYPE (Check one item only) ☐ a. PURE ☒ b. MIXTURE ☐ c. WASTE 211 | RADIOACTIVE ☐ Yes ☒ No 212 | CURIES 213

PHYSICAL STATE (Check one item only) ☐ a. SOLID ☒ b. LIQUID ☐ c. GAS 211 | LARGEST CONTAINER 1.00 215

FED HAZARD CATEGORIES (Check all that apply) ☐ a. FIRE ☐ b. REACTIVE ☐ c. PRESSURE RELEASE ☒ d. ACUTE HEALTH ☐ e. CHRONIC HEALTH 216

AVERAGE DAILY AMOUNT 1.13 217 | MAXIMUM DAILY AMOUNT 2.25 218 | ANNUAL WASTE AMOUNT - 219 | STATE WASTE CODE 220

UNIT* (Check one item only) ☒ a. GALLONS ☐ b. CUBIC FEET ☐ c. POUNDS ☐ d. TONS 221
* If EHS, amount must be in pounds

DAYS ON SITE 365 222

STORAGE CONTAINER (C' 'l that apply) 223
☐ a. ABOVEGROUND TANK ☐ b. UNDERGROUND TANK ☐ c. TANK INSIDE BUILDING ☐ d. STEEL DRUM
☐ e. PLASTIC DRUM ☒ f. CAN ☐ g. CARBOY ☐ h. SILO
☐ i. FIBER DRUM ☐ j. BAG ☐ k. BOX ☐ l. CYLINDER
☐ m. GLASS BOTTLE ☐ n. PLASTIC BOTTLE ☐ o. TOTE BIN ☐ p. TANK WAGON
☐ q. RAIL CAR ☐ r. OTHER

STORAGE PRESSURE ☒ a. AMBIENT ☐ b. ABOVE AMBIENT ☐ c. BELOW AMBIENT 224

STORAGE TEMPERATURE ☒ a. AMBIENT ☐ b. ABOVE AMBIENT ☐ c. BELOW AMBIENT ☐ d. CRYOGENIC 225

	%WT	HAZARDOUS COMPONENT (for mixture or waste only)	EHS	CAS #
1	25 (226)	ALUMINUM OXIDE (227)	☐ Yes ☒ No (228)	1344-28-1 (229)
2	24 (230)	CALCIUM OXIDE (231)	☐ Yes ☒ No (232)	1305-78-8 (233)
3	UNK (234)	PORTLAND CEMENT (235)	☐ Yes ☒ No (236)	65997-15-1 (237)
4	UNK (238)	SILICA, AMORPHOUS (239)	☐ Yes ☒ No (240)	112945-52-5 (241)
5	UNK (242)	TITANIUM DIOXIDE (243)	☐ Yes ☒ No (244)	13463-67-7 (245)

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If EPCRA, Please Sign Here

HAZARDOUS MATERIALS INVENTORY - CHEMICAL DESCRIPTION

(one page per material per building or area)

☐ ADD ☐ DELETE ☐ REVISE 200

I. FACILITY INFORMATION

BUSINESS NAME (Same as FACILITY NAME or DBA - Doing Business As) 3
MILPITAS GAS TERMINAL

CHEMICAL LOCATION 201
Building: YARD / Location: HAZ MAT/WASTE STO BLDG A

CHEMICAL LOCATION CONFIDENTIAL - EPCRA 202 ☐ Yes ☒ No

FACILITY ID # 1 | MAP # (optional) See figure 2.1 203 | GRID # (optional) C4 204

II. CHEMICAL INFORMATION

CHEMICAL NAME 205

TRADE SECRET 206 ☐ Yes ☒ No
If subject to EPCRA, refer to instructions

COMMON NAME 207
Coil-rate

EHS* 208 ☐ Yes ☒ No

CAS # 209

If EHS is 'Yes' all amounts below must be in lbs.

FIRE CODE HAZARD CLASSES (Complete if required by CUPA) 210
Other Health Hazards(OHH)

HAZARDOUS MATERIAL TYPE (Check one item only) ☐ a. PURE ☒ b. MIXTURE ☐ c. WASTE 211 | RADIOACTIVE ☐ Yes ☒ No 212 | CURIES 213

PHYSICAL STATE (Check one item only) ☐ a. SOLID ☒ b. LIQUID ☐ c. GAS 211 | LARGEST CONTAINER 2.50 215

FED HAZARD CATEGORIES (Check all that apply) ☐ a. FIRE ☐ b. REACTIVE ☐ c. PRESSURE RELEASE ☒ d. ACUTE HEALTH ☐ e. CHRONIC HEALTH 216

AVERAGE DAILY AMOUNT 3.00 217 | MAXIMUM DAILY AMOUNT 5.00 218 | ANNUAL WASTE AMOUNT 219 | STATE WASTE CODE 220

UNIT* (Check one item only) ☒ a. GALLONS ☐ b. CUBIC FEET ☐ c. POUNDS ☐ d. TONS 221 | DAYS ON SITE 365 222
* If EHS, amount must be in pounds

STORAGE CONTAINER (Check all that apply) 223
☐ a. ABOVEGROUND TANK ☐ b. UNDERGROUND TANK ☐ c. TANK INSIDE BUILDING ☐ d. STEEL DRUM
☐ e. PLASTIC DRUM ☐ f. CAN ☐ g. CARBOY ☐ h. SILO
☐ i. FIBER DRUM ☐ j. BAG ☐ k. BOX ☐ l. CYLINDER
☐ m. GLASS BOTTLE ☒ n. PLASTIC BOTTLE ☐ o. TOTE BIN ☐ p. TANK WAGON
☐ q. RAIL CAR ☐ r. OTHER

STORAGE PRESSURE 224 ☒ a. AMBIENT ☐ b. ABOVE AMBIENT ☐ c. BELOW AMBIENT

STORAGE TEMPERATURE 225 ☒ a. AMBIENT ☐ b. ABOVE AMBIENT ☐ c. BELOW AMBIENT ☐ d. CRYOGENIC

	%WT	HAZARDOUS COMPONENT (for mixture or waste only)	EHS	CAS #
1	226 UNK	227 Dodecylbenzene Potassium Salt	228 ☐ Yes ☒ No	229 27177-77-1
2	230 UNK	231 Dodecylbenzene Triethanolamine	232 ☐ Yes ☒ No	233 27323-41-7
3	234	235	236 ☐ Yes ☒ No	237
4	238	239	240 ☐ Yes ☒ No	241
5	242	243	244 ☐ Yes ☒ No	245

If more hazardous components are present at greater than 1% by weight if non-carcinogenic, or 0.1% by weidht if carcinogenic, attach additional sheets of paper capturing the required information:

ADDITIONAL LOCALLY COLLECTED INFORMATION: 246

If EPCRA, Please Sign Here

HAZARDOUS MATERIALS INVENTORY - CHEMICAL DESCRIPTION

(one page per material per building or area)

☐ ADD ☐ DELETE ☐ REVISE 200

I. FACILITY INFORMATION

BUSINESS NAME (Same as FACILITY NAME or DBA - Doing Business As) 3
MILPITAS GAS TERMINAL

CHEMICAL LOCATION 201
Building: YARD / Location: HAZ MAT/WASTE STO BLDG A

CHEMICAL LOCATION CONFIDENTIAL - EPCRA 202 ☐ Yes ☒ No

FACILITY ID # 1 | MAP # (optional) See figure 2.1 203 | GRID # (optional) C4 204

II. CHEMICAL INFORMATION

CHEMICAL NAME 205

TRADE SECRET 206 ☐ Yes ☒ No
If subject to EPCRA, refer to instructions

COMMON NAME 207
CT-205

EHS* 208 ☐ Yes ☒ No

CAS # 209

If EHS is 'Yes' all amounts below must be in lbs.

FIRE CODE HAZARD CLASSES (Complete if required by CUPA) 210
Flammable Liquid(FL1A)

HAZARDOUS MATERIAL TYPE (Check one item only) ☐ a. PURE ☒ b. MIXTURE ☐ c. WASTE 211 | RADIOACTIVE ☐ Yes ☒ No 212 | CURIES 213

PHYSICAL STATE (Check one item only) ☐ a. SOLID ☒ b. LIQUID ☐ c. GAS 211 | LARGEST CONTAINER 0.07 215

FED HAZARD CATEGORIES (Check all that apply) ☒ a. FIRE ☐ b. REACTIVE ☒ c. PRESSURE RELEASE ☒ d. ACUTE HEALTH ☐ e. CHRONIC HEALTH 216

AVERAGE DAILY AMOUNT 0.28 217 | MAXIMUM DAILY AMOUNT 0.42 218 | ANNUAL WASTE AMOUNT 219 | STATE WASTE CODE 220

UNIT* (Check one item only) ☒ a. GALLONS ☐ b. CUBIC FEET ☐ c. POUNDS ☐ d. TONS 221 | DAYS ON SITE 365 222
* If EHS, amount must be in pounds

STORAGE CONTAINER (Check all that apply) 223

☐ a. ABOVEGROUND TANK	☐ e. PLASTIC DRUM	☐ i. FIBER DRUM	☐ m. GLASS BOTTLE	☐ q. RAIL CAR
☐ b. UNDERGROUND TANK	☒ f. CAN	☐ j. BAG	☐ n. PLASTIC BOTTLE	☐ r. OTHER
☐ c. TANK INSIDE BUILDING	☐ g. CARBOY	☐ k. BOX	☐ o. TOTE BIN	
☐ d. STEEL DRUM	☐ h. SILO	☐ l. CYLINDER	☐ p. TANK WAGON	

STORAGE PRESSURE ☐ a. AMBIENT ☒ b. ABOVE AMBIENT ☐ c. BELOW AMBIENT 224

STORAGE TEMPERATURE ☒ a. AMBIENT ☐ b. ABOVE AMBIENT ☐ c. BELOW AMBIENT ☐ d. CRYOGENIC 225

	%WT	HAZARDOUS COMPONENT (for mixture or waste only)	EHS	CAS #
1	60 (226)	ETHYL ALCOHOL (227)	☐ Yes ☒ No (228)	64-17-5 (229)
2	40 (230)	LIQUEFIED PETROLEUM GAS (231)	☐ Yes ☒ No (232)	68476-85-7 (233)
3	20 (234)	POLYALKYLENE GLYCOL (235)	☐ Yes ☒ No (236)	9038-95-3 (237)
4	(238)	(239)	☐ Yes ☒ No (240)	(241)
5	(242)	(243)	☐ Yes ☒ No (244)	(245)

If more hazardous components are present at greater than 1% by weight if non-carcinogenic, or 0.1% by weidht if carcinogenic, attach additional sheets of paper capturing the required information:

ADDITIONAL LOCALLY COLLECTED INFORMATION: 246

If EPCRA, Please Sign Here

HAZARDOUS MATERIALS INVENTORY - CHEMICAL DESCRIPTION

(one page per material per building or area)

☐ ADD ☐ DELETE ☐ REVISE 200

I. FACILITY INFORMATION

BUSINESS NAME (Same as FACILITY NAME or DBA - Doing Business As) 3

MILPITAS GAS TERMINAL

CHEMICAL LOCATION 201

Building: YARD / Location: HAZ MAT/WASTE STO BLDG A

CHEMICAL LOCATION CONFIDENTIAL - EPCRA 202 ☐ Yes ☒ No

FACILITY ID # 1 MAP # (optional) See figure 2.1 203 GRID # (optional) C4 204

II. CHEMICAL INFORMATION

CHEMICAL NAME 205

TRADE SECRET 206 ☐ Yes ☒ No

If subject to EPCRA, refer to instructions

COMMON NAME 207

CURB MARKER ADHESIVE RS-222

EHS* 208 ☐ Yes ☒ No

CAS # 209

If EHS is 'Yes' all amounts below must be in lbs.

FIRE CODE HAZARD CLASSES (Complete if required by CUPA) 210

Flammable Liquid(FL1B)

HAZARDOUS MATERIAL TYPE (Check one item only) ☐ a. PURE ☒ b. MIXTURE ☐ c. WASTE

211 RADIOACTIVE ☐ Yes ☒ No 212 CURIES 213

PHYSICAL STATE (Check one item only) ☐ a. SOLID ☒ b. LIQUID ☐ c. GAS

211 LARGEST CONTAINER 0.04 215

FED HAZARD CATEGORIES (Check all that apply) ☒ a. FIRE ☐ b. REACTIVE ☐ c. PRESSURE RELEASE ☒ d. ACUTE HEALTH ☐ e. CHRONIC HEALTH 216

AVERAGE DAILY AMOUNT 0.41 217 MAXIMUM DAILY AMOUNT 0.63 218 ANNUAL WASTE AMOUNT 219 STATE WASTE CODE 220

UNIT* (Check one item only) ☒ a. GALLONS ☐ b. CUBIC FEET ☐ c. POUNDS ☐ d. TONS

* If EHS, amount must be in pounds

221 DAYS ON SITE 365 222

STORAGE CONTAINER (Check all that apply) 223

☐ a. ABOVEGROUND TANK ☐ b. UNDERGROUND TANK ☐ c. TANK INSIDE BUILDING ☐ d. STEEL DRUM ☐ e. PLASTIC DRUM ☐ f. CAN ☐ g. CARBOY ☐ h. SILO ☐ i. FIBER DRUM ☐ j. BAG ☐ k. BOX ☐ l. CYLINDER ☐ m. GLASS BOTTLE ☐ n. PLASTIC BOTTLE ☐ o. TOTE BIN ☐ p. TANK WAGON ☐ q. RAIL CAR ☒ r. OTHER

STORAGE PRESSURE 224 ☒ a. AMBIENT ☐ b. ABOVE AMBIENT ☐ c. BELOW AMBIENT

STORAGE TEMPERATURE 225 ☒ a. AMBIENT ☐ b. ABOVE AMBIENT ☐ c. BELOW AMBIENT ☐ d. CRYOGENIC

	%WT	HAZARDOUS COMPONENT (for mixture or waste only)	EHS	CAS #
1	226 34	227 TOLUENE	228 ☐ Yes ☒ No	229 108-88-3
2	230	231	232 ☐ Yes ☒ No	233
3	234	235	236 ☐ Yes ☒ No	237
4	238	239	240 ☐ Yes ☒ No	241
5	242	243	244 ☐ Yes ☒ No	245

If more hazardous components are present at greater than 1% by weight if non-carcinogenic, or 0.1% by weidht if carcinogenic, attach additional sheets of paper capturing the required information:

ADDITIONAL LOCALLY COLLECTED INFORMATION: 246

If EPCRA, Please Sign Here

Unified Program Consolidated Form

HAZARDOUS MATERIALS

HAZARDOUS MATERIALS INVENTORY - CHEMICAL DESCRIPTION

(one page per material per building or area)

☐ ADD ☐ DELETE ☐ REVISE 200

I. FACILITY INFORMATION

BUSINESS NAME (Same as FACILITY NAME or DBA - Doing Business As) 3
MILPITAS GAS TERMINAL

CHEMICAL LOCATION 201
Building: YARD / Location: HAZ MAT/WASTE STO BLDG A

CHEMICAL LOCATION CONFIDENTIAL - EPCRA 202 ☐ Yes ☒ No

FACILITY ID # 1 MAP # (optional) See figure 2.1 203 GRID # (optional) C4 204

II. CHEMICAL INFORMATION

CHEMICAL NAME 205

TRADE SECRET 206 ☐ Yes ☒ No
If subject to EPCRA, refer to instructions

COMMON NAME 207
DAN-288 ELECTRIC INSULATING FILM

EHS* 208 ☐ Yes ☒ No

CAS # 209

If EHS is 'Yes' all amounts below must be in lbs.

FIRE CODE HAZARD CLASSES (Complete if required by CUPA) 210
Flammable Liquid(FL1A)

HAZARDOUS MATERIAL TYPE (Check one item only) ☐ a. PURE ☒ b. MIXTURE ☐ c. WASTE 211 RADIOACTIVE ☐ Yes ☒ No 212 CURIES 213

PHYSICAL STATE (Check one item only) ☐ a. SOLID ☒ b. LIQUID ☐ c. GAS 211 LARGEST CONTAINER 0.09 215

FED HAZARD CATEGORIES (Check all that apply) ☒ a. FIRE ☐ b. REACTIVE ☒ c. PRESSURE RELEASE ☒ d. ACUTE HEALTH ☐ e. CHRONIC HEALTH 216

AVERAGE DAILY AMOUNT	MAXIMUM DAILY AMOUNT	ANNUAL WASTE AMOUNT	STATE WASTE CODE
2.25 (217)	3.38 (218)	(219)	(220)

UNIT* (Check one item only) ☒ a. GALLONS ☐ b. CUBIC FEET ☐ c. POUNDS ☐ d. TONS 221 DAYS ON SITE 365 222
* If EHS, amount must be in pounds

STORAGE CONTAINER (Check that apply) 223

☐ a. ABOVEGROUND TANK	☐ e. PLASTIC DRUM	☐ i. FIBER DRUM	☐ m. GLASS BOTTLE	☐ q. RAIL CAR
☐ b. UNDERGROUND TANK	☒ f. CAN	☐ j. BAG	☐ n. PLASTIC BOTTLE	☐ r. OTHER
☐ c. TANK INSIDE BUILDING	☐ g. CARBOY	☐ k. BOX	☐ o. TOTE BIN	
☐ d. STEEL DRUM	☐ h. SILO	☐ l. CYLINDER	☐ p. TANK WAGON	

STORAGE PRESSURE 224 ☐ a. AMBIENT ☒ b. ABOVE AMBIENT ☐ c. BELOW AMBIENT

STORAGE TEMPERATURE 225 ☒ a. AMBIENT ☐ b. ABOVE AMBIENT ☐ c. BELOW AMBIENT ☐ d. CRYOGENIC

	%WT	HAZARDOUS COMPONENT (for mixture or waste only)	EHS	CAS #
1	8 (226)	1,1,1-TRICHLOROETHANE (227)	☐ Yes ☒ No (228)	71-55-6 (229)
2	28 (230)	ACETONE (231)	☐ Yes ☒ No (232)	67-64-1 (233)
3	23 (234)	PROPANE (235)	☐ Yes ☒ No (236)	74-98-6 (237)
4	12 (238)	TOLUENE (239)	☐ Yes ☒ No (240)	108-88-3 (241)
5	13 (242)	XYLENE (243)	☐ Yes ☒ No (244)	1330-20-7 (245)

If more hazardous components are present at greater than 1% by weight if non-carcinogenic, or 0.1% by weidht if carcinogenic, attach additional sheets of paper capturing the required information:

ADDITIONAL LOCALLY COLLECTED INFORMATION: 246

If EPCRA, Please Sign Here

'Jnified Program Consolidated Form

HAZARDOUS MATERIALS

HAZARDOUS MATERIALS INVENTORY - CHEMICAL DESCRIPTION

(one page per material per building or area)

☐ ADD ☐ DELETE ☐ REVISE 200

I. FACILITY INFORMATION

BUSINESS NAME (Same as FACILITY NAME or DBA - Doing Business As) 3
MILPITAS GAS TERMINAL

CHEMICAL LOCATION
Building: YARD / Location: HAZ MAT/WASTE STO BLDG A

201 CHEMICAL LOCATION CONFIDENTIAL - EPCRA ☐ Yes ☒ No 202

FACILITY ID # 1 | MAP # (optional) See figure 2.1 203 | GRID # (optional) C4 204

II. CHEMICAL INFORMATION

CHEMICAL NAME 205 | TRADE SECRET ☐ Yes ☒ No 206
If subject to EPCRA, refer to instructions

COMMON NAME
DELO 400 Motor Oil SAE 30 207 | EHS* ☐ Yes ☒ No 208

CAS # 209 | If EHS is 'Yes' all amounts below must be in lbs.

FIRE CODE HAZARD CLASSES (Complete if required by CUPA) 210
Combustible Liquid(CL3B)

HAZARDOUS MATERIAL TYPE (Check one item only) ☐ a. PURE ☒ b. MIXTURE ☐ c. WASTE 211 | RADIOACTIVE ☐ Yes ☒ No 212 | CURIES 213

PHYSICAL STATE (Check one item only) ☐ a. SOLID ☒ b. LIQUID ☐ c. GAS 211 | LARGEST CONTAINER 0.25 215

FED HAZARD CATEGORIES (Check all that apply) ☐ a. FIRE ☐ b. REACTIVE ☐ c. PRESSURE RELEASE ☒ d. ACUTE HEALTH ☐ e. CHRONIC HEALTH 216

AVERAGE DAILY AMOUNT 2.00 217 | MAXIMUM DAILY AMOUNT 3.00 218 | ANNUAL WASTE AMOUNT 219 | STATE WASTE CODE 220

UNIT* (Check one item only) ☒ a. GALLONS ☐ b. CUBIC FEET ☐ c. POUNDS ☐ d. TONS
* If EHS, amount must be in pounds
221 DAYS ON SITE 365 222

STORAGE CONTAINER (Check all that apply) 223
☐ a. ABOVEGROUND TANK ☐ e. PLASTIC DRUM ☐ i. FIBER DRUM ☐ m. GLASS BOTTLE ☐ q. RAIL CAR
☐ b. UNDERGROUND TANK ☐ f. CAN ☐ j. BAG ☒ n. PLASTIC BOTTLE ☐ r. OTHER
☐ c. TANK INSIDE BUILDING ☐ g. CARBOY ☐ k. BOX ☐ o. TOTE BIN
☐ d. STEEL DRUM ☐ h. SILO ☐ l. CYLINDER ☐ p. TANK WAGON

STORAGE PRESSURE ☒ a. AMBIENT ☐ b. ABOVE AMBIENT ☐ c. BELOW AMBIENT 224

STORAGE TEMPERATURE ☒ a. AMBIENT ☐ b. ABOVE AMBIENT ☐ c. BELOW AMBIENT ☐ d. CRYOGENIC 225

	%WT	HAZARDOUS COMPONENT (for mixture or waste only)	EHS	CAS #
1	226 UNK	227 HIGHLY REFINED BASE OILS (various)	228 ☐ Yes ☒ No	229 64741-88-4
2	230 20	231 PROPRIETARY ADDITIVES	232 ☐ Yes ☒ No	233
3	234 UNK	235 SOLVENT REFINED PETROLEUM OIL	236 ☐ Yes ☒ No	237 64741-89-5
4	238 UNK	239 ZINC ALKYL DITHIOPHOSPHATE	240 ☐ Yes ☒ No	241 68649-42-3
5	242	243	244 ☐ Yes ☒ No	245

If more hazardous components are present at greater than 1% by weight if non-carcinogenic, or 0.1% by weidht if carcinogenic, attach additional sheets of paper capturing the required information:

ADDITIONAL LOCALLY COLLECTED INFORMATION: 246

If EPCRA, Please Sign Here

'Unified Program Consolidated Form

HAZARDOUS MATERIALS

HAZARDOUS MATERIALS INVENTORY - CHEMICAL DESCRIPTION

(one page per material per building or area)

☐ ADD ☐ DELETE ☐ REVISE 200

I. FACILITY INFORMATION

BUSINESS NAME (Same as FACILITY NAME or DBA - Doing Business As) 3
MILPITAS GAS TERMINAL

CHEMICAL LOCATION 201
Building: YARD / Location: HAZ MAT/WASTE STO BLDG A

CHEMICAL LOCATION CONFIDENTIAL - EPCRA 202 ☐ Yes ☒ No

FACILITY ID # 1 | MAP # (optional) See figure 2.1 203 | GRID # (optional) C4 204

II. CHEMICAL INFORMATION

CHEMICAL NAME 205

TRADE SECRET 206 ☐ Yes ☒ No
If subject to EPCRA, refer to instructions

COMMON NAME 207
DR. ZYME

EHS* 208 ☐ Yes ☒ No

CAS # 209

If EHS is 'Yes' all amounts below must be in lbs.

FIRE CODE HAZARD CLASSES (Complete if required by CUPA) 210
Irritants(IR)

HAZARDOUS MATERIAL TYPE (Check one item only) ☐ a. PURE ☒ b. MIXTURE ☐ c. WASTE 211 | RADIOACTIVE 212 ☐ Yes ☒ No | CURIES 213

PHYSICAL STATE (Check one item only) ☐ a. SOLID ☒ b. LIQUID ☐ c. GAS 211 | LARGEST CONTAINER 0.19 215

FED HAZARD CATEGORIES (Check all that apply) ☐ a. FIRE ☐ b. REACTIVE ☐ c. PRESSURE RELEASE ☒ d. ACUTE HEALTH ☐ e. CHRONIC HEALTH 216

AVERAGE DAILY AMOUNT 1.50 217 | MAXIMUM DAILY AMOUNT 2.25 218 | ANNUAL WASTE AMOUNT 219 | STATE WASTE CODE 220

UNIT* (Check one item only) ☒ a. GALLONS ☐ b. CUBIC FEET ☐ c. POUNDS ☐ d. TONS
* If EHS, amount must be in pounds
221 | DAYS ON SITE 365 222

STORAGE CONTAINER (Check all that apply) 223
☐ a. ABOVEGROUND TANK ☐ e. PLASTIC DRUM ☐ i. FIBER DRUM ☐ m. GLASS BOTTLE ☐ q. RAIL CAR
☐ b. UNDERGROUND TANK ☐ f. CAN ☐ j. BAG ☒ n. PLASTIC BOTTLE ☐ r. OTHER
☐ c. TANK INSIDE BUILDING ☐ g. CARBOY ☐ k. BOX ☐ o. TOTE BIN
☐ d. STEEL DRUM ☐ h. SILO ☐ l. CYLINDER ☐ p. TANK WAGON

STORAGE PRESSURE ☒ a. AMBIENT ☐ b. ABOVE AMBIENT ☐ c. BELOW AMBIENT 224

STORAGE TEMPERATURE ☒ a. AMBIENT ☐ b. ABOVE AMBIENT ☐ c. BELOW AMBIENT ☐ d. CRYOGENIC 225

	%WT*	HAZARDOUS COMPONENT (for mixture or waste only)*	EHS	CAS #
1	226 UNK	227 ISOPROPYL ALCOHOL	228 ☐ Yes ☒ No	229 67-63-0
2	230	231	232 ☐ Yes ☒ No	233
3	234	235	236 ☐ Yes ☒ No	237
4	238	239	240 ☐ Yes ☒ No	241
5	242	243	244 ☐ Yes ☒ No	245

If more hazardous components are present at greater than 1% by weight if non-carcinogenic, or 0.1% by weidht if carcinogenic, attach additional sheets of paper capturing the required information:

ADDITIONAL LOCALLY COLLECTED INFORMATION: 246

If EPCRA, Please Sign Here

HAZARDOUS MATERIALS INVENTORY - CHEMICAL DESCRIPTION

(one page per material per building or area)

☐ ADD ☐ DELETE ☐ REVISE 200

I. FACILITY INFORMATION

BUSINESS NAME (Same as FACILITY NAME or DBA - Doing Business As) 3
MILPITAS GAS TERMINAL

CHEMICAL LOCATION 201
Building: YARD / Location: HAZ MAT/WASTE STO BLDG A

CHEMICAL LOCATION CONFIDENTIAL - EPCRA 202 ☐ Yes ☒ No

FACILITY ID # 1 | MAP # (optional) See figure 2.1 203 | GRID # (optional) C4 204

II. CHEMICAL INFORMATION

CHEMICAL NAME 205

TRADE SECRET 206 ☐ Yes ☒ No
If subject to EPCRA, refer to instructions

COMMON NAME 207
Drop Dead Aerosol

EHS* 208 ☐ Yes ☒ No

CAS # 209

If EHS is 'Yes' all amounts below must be in lbs.

FIRE CODE HAZARD CLASSES (Complete if required by CUPA) 210
Combustible Liquid(CL2), Toxic liquid(TL)

HAZARDOUS MATERIAL TYPE (Check one item only) ☐ a. PURE ☒ b. MIXTURE ☐ c. WASTE

211 RADIOACTIVE ☐ Yes ☒ No

212 CURIES 213

PHYSICAL STATE (Check one item only) ☐ a. SOLID ☒ b. LIQUID ☐ c. GAS

211 LARGEST CONTAINER 0.12 215

FED HAZARD CATEGORIES (Check all that apply) ☒ a. FIRE ☒ b. REACTIVE ☒ c. PRESSURE RELEASE ☒ d. ACUTE HEALTH ☐ e. CHRONIC HEALTH 216

AVERAGE DAILY AMOUNT 0.47 217 | MAXIMUM DAILY AMOUNT 0.70 218 | ANNUAL WASTE AMOUNT 219 | STATE WASTE CODE 220

UNIT* (Check one item only) ☒ a. GALLONS ☐ b. CUBIC FEET ☐ c. POUNDS ☐ d. TONS
* If EHS, amount must be in pounds

221 DAYS ON SITE 365 222

STORAGE CONTAINER (Check all that apply) 223

☐ a. ABOVEGROUND TANK	☐ e. PLASTIC DRUM	☐ i. FIBER DRUM	☐ m. GLASS BOTTLE	☐ q. RAIL CAR
☐ b. UNDERGROUND TANK	☒ f. CAN	☐ j. BAG	☐ n. PLASTIC BOTTLE	☐ r. OTHER
☐ c. TANK INSIDE BUILDING	☐ g. CARBOY	☐ k. BOX	☐ o. TOTE BIN	
☐ d. STEEL DRUM	☐ h. SILO	☐ l. CYLINDER	☐ p. TANK WAGON	

STORAGE PRESSURE 224 ☐ a. AMBIENT ☒ b. ABOVE AMBIENT ☐ c. BELOW AMBIENT

STORAGE TEMPERATURE 225 ☒ a. AMBIENT ☐ b. ABOVE AMBIENT ☐ c. BELOW AMBIENT ☐ d. CRYOGENIC

	%WT*	HAZARDOUS COMPONENT (for mixture or waste only)	EHS*	CAS #*
1	226 0.25	227 ALLETHRIN	228 ☐ Yes ☒ No	229 584-79-2
2	230 UNK	231 ISOBUTANE	232 ☐ Yes ☒ No	233 75-28-5
3	234 UNK	235 LIGHT PETROLEUM DISTILLATE	236 ☐ Yes ☒ No	237 64742-47-8
4	238 0.15	239 PERMETHRIN	240 ☐ Yes ☒ No	241 52645-53-1
5	242 UNK	243 PROPANE	244 ☐ Yes ☒ No	245 74-98-6

If more hazardous components are present at greater than 1% by weight if non-carcinogenic, or 0.1% by weidht if carcinogenic, attach additional sheets of paper capturing the required information:

ADDITIONAL LOCALLY COLLECTED INFORMATION: 246

If EPCRA, Please Sign Here

HAZARDOUS MATERIALS INVENTORY - CHEMICAL DESCRIPTION

(one page per material per building or area)

☐ ADD ☐ DELETE ☐ REVISE 200

I. FACILITY INFORMATION

BUSINESS NAME (Same as FACILITY NAME or DBA - Doing Business As) 3
MILPITAS GAS TERMINAL

CHEMICAL LOCATION 201
Building: YARD / Location: HAZ MAT/WASTE STO BLDG A

CHEMICAL LOCATION CONFIDENTIAL - EPCRA 202 ☐ Yes ☒ No

FACILITY ID # 1 | MAP # (optional) See figure 2.1 203 | GRID # (optional) C4 204

II. CHEMICAL INFORMATION

CHEMICAL NAME 205

TRADE SECRET 206 ☐ Yes ☒ No
If subject to EPCRA, refer to instructions

COMMON NAME 207
EQUA-LUBE EIGHTY

EHS* 208 ☐ Yes ☒ No

CAS # 209

If EHS is 'Yes' all amounts below must be in lbs.

FIRE CODE HAZARD CLASSES (Complete if required by CUPA) 210
Toxic solid(TS)

HAZARDOUS MATERIAL TYPE (Check one item only) ☐ a. PURE ☒ b. MIXTURE ☐ c. WASTE 211

RADIOACTIVE 212 ☐ Yes ☒ No

CURIES 213

PHYSICAL STATE (Check one item only) ☒ a. SOLID ☐ b. LIQUID ☐ c. GAS 211

LARGEST CONTAINER 215
10.00

FED HAZARD CATEGORIES (Check all that apply) 216 ☐ a. FIRE ☐ b. REACTIVE ☐ c. PRESSURE RELEASE ☒ d. ACUTE HEALTH ☐ e. CHRONIC HEALTH

AVERAGE DAILY AMOUNT 217: 27.00

MAXIMUM DAILY AMOUNT 218: 40.00

ANNUAL WASTE AMOUNT 219

STATE WASTE CODE 220

UNIT* (Check one item only) ☐ a. GALLONS ☐ b. CUBIC FEET ☒ c. POUNDS ☐ d. TONS
* If EHS, amount must be in pounds

221 DAYS ON SITE 222: 365

STORAGE CONTAINER (C' 'l that apply) 223
☐ a. ABOVEGROUND TANK ☐ b. UNDERGROUND TANK ☐ c. TANK INSIDE BUILDING ☐ d. STEEL DRUM
☐ e. PLASTIC DRUM ☒ f. CAN ☐ g. CARBOY ☐ h. SILO
☐ i. FIBER DRUM ☐ j. BAG ☐ k. BOX ☐ l. CYLINDER
☐ m. GLASS BOTTLE ☐ n. PLASTIC BOTTLE ☐ o. TOTE BIN ☐ p. TANK WAGON
☐ q. RAIL CAR ☐ r. OTHER

STORAGE PRESSURE 224 ☒ a. AMBIENT ☐ b. ABOVE AMBIENT ☐ c. BELOW AMBIENT

STORAGE TEMPERATURE 225 ☒ a. AMBIENT ☐ b. ABOVE AMBIENT ☐ c. BELOW AMBIENT ☐ d. CRYOGENIC

	%WT	HAZARDOUS COMPONENT (for mixture or waste only)	EHS	CAS #
1	226: 5	227: GLYCERIN	228: ☐ Yes ☒ No	229: 56-81-5
2	230: 5	231: SILICON DIOXIDE	232: ☐ Yes ☒ No	233: 7631-86-9
3	234:	235:	236: ☐ Yes ☒ No	237:
4	238:	239:	240: ☐ Yes ☒ No	241:
5	242:	243:	244: ☐ Yes ☒ No	245:

If more hazardous components are present at greater than 1% by weight if non-carcinogenic, or 0.1% by weidht if carcinogenic, attach additional sheets of paper capturing the required information:

ADDITIONAL LOCALLY COLLECTED INFORMATION: 246

If EPCRA, Please Sign Here

HAZARDOUS MATERIALS INVENTORY - CHEMICAL DESCRIPTION

(one page per material per building or area)

☐ ADD ☐ DELETE ☐ REVISE 200

I. FACILITY INFORMATION

BUSINESS NAME (Same as FACILITY NAME or DBA - Doing Business As) 3
MILPITAS GAS TERMINAL

CHEMICAL LOCATION
Building: YARD / Location: HAZ MAT/WASTE STO BLDG A

201 CHEMICAL LOCATION CONFIDENTIAL - EPCRA ☐ Yes ☒ No 202

FACILITY ID # 1 | MAP # (optional) See figure 2.1 203 | GRID # (optional) C4 204

II. CHEMICAL INFORMATION

CHEMICAL NAME 205 | TRADE SECRET ☐ Yes ☒ No 206
If subject to EPCRA, refer to instructions

COMMON NAME
Frost Away Aerosol
207 | EHS* ☐ Yes ☒ No 208

CAS # 209 | If EHS is 'Yes' all amounts below must be in lbs.

FIRE CODE HAZARD CLASSES (Complete if required by CUPA) 210
Non Flammable Gas(NFG)

HAZARDOUS MATERIAL TYPE (Check one item only) ☐ a. PURE ☒ b. MIXTURE ☐ c. WASTE | 211 RADIOACTIVE ☐ Yes ☒ No | 212 CURIES 213

PHYSICAL STATE (Check one item only) ☐ a. SOLID ☒ b. LIQUID ☐ c. GAS | 211 LARGEST CONTAINER 0.09 215

FED HAZARD CATEGORIES (Check all that apply) ☐ a. FIRE ☐ b. REACTIVE ☒ c. PRESSURE RELEASE ☒ d. ACUTE HEALTH ☐ e. CHRONIC HEALTH 216

AVERAGE DAILY AMOUNT 0.38 217 | MAXIMUM DAILY AMOUNT 0.56 218 | ANNUAL WASTE AMOUNT 219 | STATE WASTE CODE 220

UNIT* (Check one item only) ☒ a. GALLONS ☐ b. CUBIC FEET ☐ c. POUNDS ☐ d. TONS
* If EHS, amount must be in pounds
221 DAYS ON SITE 365 222

STORAGE CONTAINER (Check all that apply) 223

☐ a. ABOVEGROUND TANK	☐ e. PLASTIC DRUM	☐ i. FIBER DRUM	☐ m. GLASS BOTTLE	☐ q. RAIL CAR
☐ b. UNDERGROUND TANK	☒ f. CAN	☐ j. BAG	☐ n. PLASTIC BOTTLE	☐ r. OTHER
☐ c. TANK INSIDE BUILDING	☐ g. CARBOY	☐ k. BOX	☐ o. TOTE BIN	
☐ d. STEEL DRUM	☐ h. SILO	☐ l. CYLINDER	☐ p. TANK WAGON	

STORAGE PRESSURE ☐ a. AMBIENT ☒ b. ABOVE AMBIENT ☐ c. BELOW AMBIENT 224

STORAGE TEMPERATURE ☒ a. AMBIENT ☐ b. ABOVE AMBIENT ☐ c. BELOW AMBIENT ☐ d. CRYOGENIC 225

	%WT	HAZARDOUS COMPONENT (for mixture or waste only)	EHS	CAS #
1	226 UNK	227 CARBON DIOXIDE	228 ☐ Yes ☒ No	229 124-38-9
2	230 UNK	231 METHANOL	232 ☐ Yes ☒ No	233 67-56-1
3	234 UNK	235 PROPYLENE GLYCOL	236 ☐ Yes ☒ No	237 57-55-6
4	238	239	240 ☐ Yes ☒ No	241
5	242	243	244 ☐ Yes ☒ No	245

If more hazardous components are present at greater than 1% by weight if non-carcinogenic, or 0.1% by weidht if carcinogenic, attach additional sheets of paper capturing the required information:

ADDITIONAL LOCALLY COLLECTED INFORMATION: 246

If EPCRA, Please Sign Here

HAZARDOUS MATERIALS INVENTORY - CHEMICAL DESCRIPTION

(one page per material per building or area)

☐ ADD ☐ DELETE ☐ REVISE 200

I. FACILITY INFORMATION

BUSINESS NAME (Same as FACILITY NAME or DBA - Doing Business As) 3
MILPITAS GAS TERMINAL

CHEMICAL LOCATION 201
Building: YARD / Location: HAZ MAT/WASTE STO BLDG A

CHEMICAL LOCATION CONFIDENTIAL - EPCRA 202 ☐ Yes ☒ No

FACILITY ID # 1 | MAP # (optional) See figure 2.1 203 | GRID # (optional) C4 204

II. CHEMICAL INFORMATION

CHEMICAL NAME 205

TRADE SECRET 206 ☐ Yes ☒ No
If subject to EPCRA, refer to instructions

COMMON NAME 207
GAL-9

EHS* 208 ☐ Yes ☒ No

CAS # 209

If EHS is 'Yes' all amounts below must be in lbs.

FIRE CODE HAZARD CLASSES (Complete if required by CUPA) 210
Flammable Liquid(FL1A)

HAZARDOUS MATERIAL TYPE (Check one item only) ☐ a. PURE ☒ b. MIXTURE ☐ c. WASTE 211 | RADIOACTIVE ☐ Yes ☒ No 212 | CURIES 213

PHYSICAL STATE (Check one item only) ☐ a. SOLID ☒ b. LIQUID ☐ c. GAS 211 | LARGEST CONTAINER 0.09 215

FED HAZARD CATEGORIES (Check all that apply) ☒ a. FIRE ☐ b. REACTIVE ☒ c. PRESSURE RELEASE ☒ d. ACUTE HEALTH ☐ e. CHRONIC HEALTH 216

AVERAGE DAILY AMOUNT 0.34 217 | MAXIMUM DAILY AMOUNT 0.52 218 | ANNUAL WASTE AMOUNT 219 | STATE WASTE CODE 220

UNIT* (Check one item only) ☒ a. GALLONS ☐ b. CUBIC FEET ☐ c. POUNDS ☐ d. TONS 221 | DAYS ON SITE 365 222
* If EHS, amount must be in pounds

STORAGE CONTAINER (Check all that apply) 223
☐ a. ABOVEGROUND TANK ☐ e. PLASTIC DRUM ☐ i. FIBER DRUM ☐ m. GLASS BOTTLE ☐ q. RAIL CAR
☐ b. UNDERGROUND TANK ☒ f. CAN ☐ j. BAG ☐ n. PLASTIC BOTTLE ☐ r. OTHER
☐ c. TANK INSIDE BUILDING ☐ g. CARBOY ☐ k. BOX ☐ o. TOTE BIN
☐ d. STEEL DRUM ☐ h. SILO ☐ l. CYLINDER ☐ p. TANK WAGON

STORAGE PRESSURE 224 ☐ a. AMBIENT ☒ b. ABOVE AMBIENT ☐ c. BELOW AMBIENT

STORAGE TEMPERATURE 225 ☒ a. AMBIENT ☐ b. ABOVE AMBIENT ☐ c. BELOW AMBIENT ☐ d. CRYOGENIC

	%WT	HAZARDOUS COMPONENT (for mixture or waste only)	EHS	CAS #
1	226 40	227 LIGHT ALIPHATIC SOLVENT NAPHTHA	228 ☐ Yes ☒ No	229 64742-89-8
2	230 40	231 LIQUEFIED PETROLEUM GAS	232 ☐ Yes ☒ No	233 68476-85-7
3	234 20	235 ZINC METAL, POWDER OR DUST	236 ☐ Yes ☒ No	237 7440-66-6
4	238	239	240 ☐ Yes ☒ No	241
5	242	243	244 ☐ Yes ☒ No	245

If more hazardous components are present at greater than 1% by weight if non-carcinogenic, or 0.1% by weidht if carcinogenic, attach additional sheets of paper capturing the required information:

ADDITIONAL LOCALLY COLLECTED INFORMATION: 246

If EPCRA, Please Sign Here

HAZARDOUS MATERIALS INVENTORY - CHEMICAL DESCRIPTION

(one page per material per building or area)

☐ ADD ☐ DELETE ☐ REVISE 200

I. FACILITY INFORMATION

BUSINESS NAME (Same as FACILITY NAME or DBA - Doing Business As) 3
MILPITAS GAS TERMINAL

CHEMICAL LOCATION 201
Building: YARD / Location: HAZ MAT/WASTE STO BLDG A

CHEMICAL LOCATION CONFIDENTIAL - EPCRA 202 ☐ Yes ☒ No

FACILITY ID # 1 MAP # (optional) See figure 2.1 203 GRID # (optional) C4 204

II. CHEMICAL INFORMATION

CHEMICAL NAME 205

TRADE SECRET 206 ☐ Yes ☒ No
If subject to EPCRA, refer to instructions

COMMON NAME 207
GEAR LUBRICANT D-1014

EHS* 208 ☐ Yes ☒ No

CAS # 209

If EHS is 'Yes' all amounts below must be in lbs.

FIRE CODE HAZARD CLASSES (Complete if required by CUPA) 210
Toxic solid(TS)

HAZARDOUS MATERIAL TYPE (Check one item only) ☐ a. PURE ☒ b. MIXTURE ☐ c. WASTE

211 RADIOACTIVE ☐ Yes ☒ No

212 CURIES 213

PHYSICAL STATE (Check one item only) ☒ a. SOLID ☐ b. LIQUID ☐ c. GAS

211 LARGEST CONTAINER 10.00 215

FED HAZARD CATEGORIES (Check all that apply) ☐ a. FIRE ☐ b. REACTIVE ☐ c. PRESSURE RELEASE ☒ d. ACUTE HEALTH ☐ e. CHRONIC HEALTH 216

AVERAGE DAILY AMOUNT 27.00 217

MAXIMUM DAILY AMOUNT 40.00 218

ANNUAL WASTE AMOUNT 219

STATE WASTE CODE 220

UNIT* (Check one item only) ☐ a. GALLONS ☐ b. CUBIC FEET ☒ c. POUNDS ☐ d. TONS
* If EHS, amount must be in pounds

221 DAYS ON SITE 365 222

STORAGE CONTAINER (Check all that apply) 223

☐ a. ABOVEGROUND TANK	☐ e. PLASTIC DRUM	☐ i. FIBER DRUM	☐ m. GLASS BOTTLE	☐ q. RAIL CAR
☐ b. UNDERGROUND TANK	☒ f. CAN	☐ j. BAG	☐ n. PLASTIC BOTTLE	☐ r. OTHER
☐ c. TANK INSIDE BUILDING	☐ g. CARBOY	☐ k. BOX	☐ o. TOTE BIN	
☐ d. STEEL DRUM	☐ h. SILO	☐ l. CYLINDER	☐ p. TANK WAGON	

STORAGE PRESSURE ☒ a. AMBIENT ☐ b. ABOVE AMBIENT ☐ c. BELOW AMBIENT 224

STORAGE TEMPERATURE ☒ a. AMBIENT ☐ b. ABOVE AMBIENT ☐ c. BELOW AMBIENT ☐ d. CRYOGENIC 225

	%WT	HAZARDOUS COMPONENT (for mixture or waste only)	EHS	CAS #
1	226 3	227 ACETONE	228 ☐ Yes ☒ No	229 67-64-1
2	230	231	232 ☐ Yes ☒ No	233
3	234	235	236 ☐ Yes ☒ No	237
4	238	239	240 ☐ Yes ☒ No	241
5	242	243	244 ☐ Yes ☒ No	245

If more hazardous components are present at greater than 1% by weight if non-carcinogenic, or 0.1% by weidht if carcinogenic, attach additional sheets of paper capturing the required information:

ADDITIONAL LOCALLY COLLECTED INFORMATION: 246

If EPCRA, Please Sign Here

Unified Program Consolidated Form

HAZARDOUS MATERIALS

HAZARDOUS MATERIALS INVENTORY - CHEMICAL DESCRIPTION

(one page per material per building or area)

☐ ADD ☐ DELETE ☐ REVISE 200 Page 59 of

I. FACILITY INFORMATION

BUSINESS NAME (Same as FACILITY NAME or DBA - Doing Business As) 3
MILPITAS GAS TERMINAL

CHEMICAL LOCATION 201
Building: YARD / Location: HAZ MAT/WASTE STO BLDG A

CHEMICAL LOCATION CONFIDENTIAL - EPCRA 202 ☐ Yes ☒ No

FACILITY ID # 1 MAP # (optional) See figure 2.1 203 GRID # (optional) C4 204

II. CHEMICAL INFORMATION

CHEMICAL NAME 205

TRADE SECRET 206 ☐ Yes ☒ No
If subject to EPCRA, refer to instructions

COMMON NAME 207
GEAR OIL

EHS* 208 ☐ Yes ☒ No

CAS # 209

If EHS is 'Yes' all amounts below must be in lbs.

FIRE CODE HAZARD CLASSES (Complete if required by CUPA) 210
Combustible Liquid(CL3B)

HAZARDOUS MATERIAL TYPE (Check one item only) ☐ a. PURE ☒ b. MIXTURE ☐ c. WASTE 211

RADIOACTIVE 212 ☐ Yes ☒ No

CURIES 213

PHYSICAL STATE (Check one item only) ☐ a. SOLID ☒ b. LIQUID ☐ c. GAS 211

LARGEST CONTAINER 215
1.00

FED HAZARD CATEGORIES (Check all that apply) 216 ☐ a. FIRE ☐ b. REACTIVE ☐ c. PRESSURE RELEASE ☒ d. ACUTE HEALTH ☐ e. CHRONIC HEALTH

AVERAGE DAILY AMOUNT 1.00 217

MAXIMUM DAILY AMOUNT 1.00 218

ANNUAL WASTE AMOUNT 219

STATE WASTE CODE 220

UNIT* (Check one item only) ☒ a. GALLONS ☐ b. CUBIC FEET ☐ c. POUNDS ☐ d. TONS 221
* If EHS, amount must be in pounds

DAYS ON SITE 222
365

STORAGE CONTAINER (Check all that apply) 223

☐ a. ABOVEGROUND TANK	☐ e. PLASTIC DRUM	☐ i. FIBER DRUM	☐ m. GLASS BOTTLE	☐ q. RAIL CAR
☐ b. UNDERGROUND TANK	☐ f. CAN	☐ j. BAG	☒ n. PLASTIC BOTTLE	☐ r. OTHER
☐ c. TANK INSIDE BUILDING	☐ g. CARBOY	☐ k. BOX	☐ o. TOTE BIN	
☐ d. STEEL DRUM	☐ h. SILO	☐ l. CYLINDER	☐ p. TANK WAGON	

STORAGE PRESSURE 224 ☒ a. AMBIENT ☐ b. ABOVE AMBIENT ☐ c. BELOW AMBIENT

STORAGE TEMPERATURE 225 ☒ a. AMBIENT ☐ b. ABOVE AMBIENT ☐ c. BELOW AMBIENT ☐ d. CRYOGENIC

	%WT	HAZARDOUS COMPONENT (for mixture or waste only)	EHS	CAS #
1	226 90	227 SOLVENT REFINED PETROLEUM OIL	228 ☐ Yes ☒ No	229 64741-89-5
2	230	231	232 ☐ Yes ☒ No	233
3	234	235	236 ☐ Yes ☒ No	237
4	238	239	240 ☐ Yes ☒ No	241
5	242	243	244 ☐ Yes ☒ No	245

If more hazardous components are present at greater than 1% by weight if non-carcinogenic, or 0.1% by weidht if carcinogenic, attach additional sheets of paper capturing the required information:

ADDITIONAL LOCALLY COLLECTED INFORMATION: 246

If EPCRA, Please Sign Here

HAZARDOUS MATERIALS INVENTORY - CHEMICAL DESCRIPTION

(one page per material per building or area)

☐ ADD ☐ DELETE ☐ REVISE 200

I. FACILITY INFORMATION

BUSINESS NAME (Same as FACILITY NAME or DBA - Doing Business As) 3
MILPITAS GAS TERMINAL

CHEMICAL LOCATION 201
Building: YARD / Location: HAZ MAT/WASTE STO BLDG A

CHEMICAL LOCATION CONFIDENTIAL - EPCRA 202 ☐ Yes ☒ No

FACILITY ID # 1 MAP # (optional) See figure 2.1 203 GRID # (optional) C4 204

II. CHEMICAL INFORMATION

CHEMICAL NAME 205

TRADE SECRET 206 ☐ Yes ☒ No
If subject to EPCRA, refer to instructions

COMMON NAME 207
Hydrofoil

EHS* 208 ☐ Yes ☒ No

CAS # 209

If EHS is 'Yes' all amounts below must be in lbs.

FIRE CODE HAZARD CLASSES (Complete if required by CUPA) 210
Irritants(IR)

HAZARDOUS MATERIAL TYPE (Check one item only) ☐ a. PURE ☒ b. MIXTURE ☐ c. WASTE

211 RADIOACTIVE ☐ Yes ☒ No 212 CURIES 213

PHYSICAL STATE (Check one item only) ☐ a. SOLID ☒ b. LIQUID ☐ c. GAS

211 LARGEST CONTAINER 1.00 215

FED HAZARD CATEGORIES (Check all that apply) ☐ a. FIRE ☐ b. REACTIVE ☐ c. PRESSURE RELEASE ☒ d. ACUTE HEALTH ☐ e. CHRONIC HEALTH 216

AVERAGE DAILY AMOUNT 7.00 217 MAXIMUM DAILY AMOUNT 10.00 218 ANNUAL WASTE AMOUNT 219 STATE WASTE CODE 220

UNIT* (Check one item only) ☒ a. GALLONS ☐ b. CUBIC FEET ☐ c. POUNDS ☐ d. TONS
* If EHS, amount must be in pounds

221 DAYS ON SITE 365 222

STORAGE CONTAINER (Check all that apply) 223

☐ a. ABOVEGROUND TANK	☐ e. PLASTIC DRUM	☐ i. FIBER DRUM	☐ m. GLASS BOTTLE	☐ q. RAIL CAR
☐ b. UNDERGROUND TANK	☐ f. CAN	☐ j. BAG	☒ n. PLASTIC BOTTLE	☐ r. OTHER
☐ c. TANK INSIDE BUILDING	☐ g. CARBOY	☐ k. BOX	☐ o. TOTE BIN	
☐ d. STEEL DRUM	☐ h. SILO	☐ l. CYLINDER	☐ p. TANK WAGON	

STORAGE PRESSURE ☒ a. AMBIENT ☐ b. ABOVE AMBIENT ☐ c. BELOW AMBIENT 224

STORAGE TEMPERATURE ☒ a. AMBIENT ☐ b. ABOVE AMBIENT ☐ c. BELOW AMBIENT ☐ d. CRYOGENIC 225

	%WT	HAZARDOUS COMPONENT (for mixture or waste only)	EHS	CAS #
1	226 UNK	227 NONIONIC SURFACTANT	228 ☐ Yes ☒ No	229 9016-45-9
2	230	231	232 ☐ Yes ☒ No	233
3	234	235	236 ☐ Yes ☒ No	237
4	238	239	240 ☐ Yes ☒ No	241
5	242	243	244 ☐ Yes ☒ No	245

If more hazardous components are present at greater than 1% by weight if non-carcinogenic, or 0.1% by weidht if carcinogenic, attach additional sheets of paper capturing the required information:

ADDITIONAL LOCALLY COLLECTED INFORMATION: 246

If EPCRA, Please Sign Here

HAZARDOUS MATERIALS INVENTORY - CHEMICAL DESCRIPTION

(one page per material per building or area)

☐ ADD ☐ DELETE ☐ REVISE 200

I. FACILITY INFORMATION

BUSINESS NAME (Same as FACILITY NAME or DBA - Doing Business As) 3
MILPITAS GAS TERMINAL

CHEMICAL LOCATION 201
Building: YARD / Location: HAZ MAT/WASTE STO BLDG A

CHEMICAL LOCATION CONFIDENTIAL - EPCRA 202 ☐ Yes ☒ No

FACILITY ID # 1 | MAP # (optional) See figure 2.1 203 | GRID # (optional) C4 204

II. CHEMICAL INFORMATION

CHEMICAL NAME 205

TRADE SECRET 206 ☐ Yes ☒ No
If subject to EPCRA, refer to instructions

COMMON NAME 207
LBT-101-C

EHS* 208 ☐ Yes ☒ No

CAS # 209

If EHS is 'Yes' all amounts below must be in lbs.

FIRE CODE HAZARD CLASSES (Complete if required by CUPA) 210
Irritants(IR)

HAZARDOUS MATERIAL TYPE (Check one item only) ☐ a. PURE ☒ b. MIXTURE ☐ c. WASTE 211 | RADIOACTIVE 212 ☐ Yes ☒ No | CURIES 213

PHYSICAL STATE (Check one item only) ☐ a. SOLID ☒ b. LIQUID ☐ c. GAS 211 | LARGEST CONTAINER 215
55.00

FED HAZARD CATEGORIES (Check all that apply) 216 ☐ a. FIRE ☐ b. REACTIVE ☐ c. PRESSURE RELEASE ☒ d. ACUTE HEALTH ☐ e. CHRONIC HEALTH

AVERAGE DAILY AMOUNT	MAXIMUM DAILY AMOUNT	ANNUAL WASTE AMOUNT	STATE WASTE CODE
37.00 (217)	55.00 (218)	219	220

UNIT* (Check one item only) ☒ a. GALLONS ☐ b. CUBIC FEET ☐ c. POUNDS ☐ d. TONS
* If EHS, amount must be in pounds

221 DAYS ON SITE 222
365

STORAGE CONTAINER (Check all that apply) 223

☐ a. ABOVEGROUND TANK	☐ e. PLASTIC DRUM	☐ i. FIBER DRUM	☐ m. GLASS BOTTLE	☐ q. RAIL CAR
☐ b. UNDERGROUND TANK	☐ f. CAN	☐ j. BAG	☐ n. PLASTIC BOTTLE	☐ r. OTHER
☐ c. TANK INSIDE BUILDING	☐ g. CARBOY	☐ k. BOX	☐ o. TOTE BIN	
☒ d. STEEL DRUM	☐ h. SILO	☐ l. CYLINDER	☐ p. TANK WAGON	

STORAGE PRESSURE 224 ☒ a. AMBIENT ☐ b. ABOVE AMBIENT ☐ c. BELOW AMBIENT

STORAGE TEMPERATURE 225 ☒ a. AMBIENT ☐ b. ABOVE AMBIENT ☐ c. BELOW AMBIENT ☐ d. CRYOGENIC

	%WT	HAZARDOUS COMPONENT (for mixture or waste only)	EHS	CAS #
1	226 UNK	227 NO HAZARDOUS INGREDIENTS PER 29 CFR 1910. 1200	228 ☐ Yes ☒ No	229
2	230	231	232 ☐ Yes ☒ No	233
3	234	235	236 ☐ Yes ☒ No	237
4	238	239	240 ☐ Yes ☒ No	241
5	242	243	244 ☐ Yes ☒ No	245

If more hazardous components are present at greater than 1% by weight if non-carcinogenic, or 0.1% by weidht if carcinogenic, attach additional sheets of paper capturing the required information:

ADDITIONAL LOCALLY COLLECTED INFORMATION: 246

If EPCRA, Please Sign Here

HAZARDOUS MATERIALS INVENTORY - CHEMICAL DESCRIPTION

(one page per material per building or area)

☐ ADD ☐ DELETE ☐ REVISE 200

I. FACILITY INFORMATION

BUSINESS NAME (Same as FACILITY NAME or DBA - Doing Business As) 3
MILPITAS GAS TERMINAL

CHEMICAL LOCATION 201
Building: YARD / Location: HAZ MAT/WASTE STO BLDG A

CHEMICAL LOCATION CONFIDENTIAL - EPCRA 202 ☐ Yes ☒ No

FACILITY ID # 1 | MAP # (optional) See figure 2.1 203 | GRID # (optional) C4 204

II. CHEMICAL INFORMATION

CHEMICAL NAME 205

TRADE SECRET 206 ☐ Yes ☒ No
If subject to EPCRA, refer to instructions

COMMON NAME 207
Lexite Aerosol

EHS* 208 ☐ Yes ☒ No

CAS # 209

If EHS is 'Yes' all amounts below must be in lbs.

FIRE CODE HAZARD CLASSES (Complete if required by CUPA) 210

HAZARDOUS MATERIAL TYPE (Check one item only) ☐ a. PURE ☒ b. MIXTURE ☐ c. WASTE

RADIOACTIVE 211 ☐ Yes ☒ No

CURIES 212 213

PHYSICAL STATE (Check one item only) ☐ a. SOLID ☒ b. LIQUID ☐ c. GAS

LARGEST CONTAINER 211
0.09 215

FED HAZARD CATEGORIES (Check all that apply) 216
☐ a. FIRE ☐ b. REACTIVE ☒ c. PRESSURE RELEASE ☐ d. ACUTE HEALTH ☐ e. CHRONIC HEALTH

AVERAGE DAILY AMOUNT	MAXIMUM DAILY AMOUNT	ANNUAL WASTE AMOUNT	STATE WASTE CODE
1.50 217	2.25 218	219	220

UNIT* (Check one item only) ☒ a. GALLONS ☐ b. CUBIC FEET ☐ c. POUNDS ☐ d. TONS
* If EHS, amount must be in pounds

221 DAYS ON SITE 222
365

STORAGE CONTAINER (Check all that apply) 223

☐ a. ABOVEGROUND TANK	☐ e. PLASTIC DRUM	☐ i. FIBER DRUM	☐ m. GLASS BOTTLE	☐ q. RAIL CAR
☐ b. UNDERGROUND TANK	☒ f. CAN	☐ j. BAG	☐ n. PLASTIC BOTTLE	☐ r. OTHER
☐ c. TANK INSIDE BUILDING	☐ g. CARBOY	☐ k. BOX	☐ o. TOTE BIN	
☐ d. STEEL DRUM	☐ h. SILO	☐ l. CYLINDER	☐ p. TANK WAGON	

STORAGE PRESSURE 224 ☐ a. AMBIENT ☒ b. ABOVE AMBIENT ☐ c. BELOW AMBIENT

STORAGE TEMPERATURE 225 ☒ a. AMBIENT ☐ b. ABOVE AMBIENT ☐ c. BELOW AMBIENT ☐ d. CRYOGENIC

	%WT	HAZARDOUS COMPONENT (for mixture or waste only)	EHS	CAS #
1	96 226	TRICHLOROTRIFLUOROETHANE 227	☐ Yes ☒ No 228	76-13-1 229
2	230	231	☐ Yes ☒ No 232	233
3	234	235	☐ Yes ☒ No 236	237
4	238	239	☐ Yes ☒ No 240	241
5	242	243	☐ Yes ☒ No 244	245

If more hazardous components are present at greater than 1% by weight if non-carcinogenic, or 0.1% by weidht if carcinogenic, attach additional sheets of paper capturing the required information:

ADDITIONAL LOCALLY COLLECTED INFORMATION: 246

If EPCRA, Please Sign Here

HAZARDOUS MATERIALS INVENTORY - CHEMICAL DESCRIPTION

(one page per material per building or area)

☐ ADD ☐ DELETE ☐ REVISE 200

I. FACILITY INFORMATION

BUSINESS NAME (Same as FACILITY NAME or DBA - Doing Business As) 3
MILPITAS GAS TERMINAL

CHEMICAL LOCATION 201
Building: YARD / Location: HAZ MAT/WASTE STO BLDG A

CHEMICAL LOCATION CONFIDENTIAL - EPCRA 202 ☐ Yes ☒ No

FACILITY ID # 1 MAP # (optional) See figure 2.1 203 GRID # (optional) C4 204

II. CHEMICAL INFORMATION

CHEMICAL NAME 205

TRADE SECRET 206 ☐ Yes ☒ No
If subject to EPCRA, refer to instructions

COMMON NAME 207
LG-34

EHS* 208 ☐ Yes ☒ No

CAS # 209

If EHS is 'Yes' all amounts below must be in lbs.

FIRE CODE HAZARD CLASSES (Complete if required by CUPA) 210
Toxic solid(TS)

HAZARDOUS MATERIAL TYPE (Check one item only) ☐ a. PURE ☒ b. MIXTURE ☐ c. WASTE 211

RADIOACTIVE 212 ☐ Yes ☒ No

CURIES 213

PHYSICAL STATE (Check one item only) ☐ a. SOLID ☒ b. LIQUID ☐ c. GAS 211

LARGEST CONTAINER 215
0.11

FED HAZARD CATEGORIES (Check all that apply) 216 ☐ a. FIRE ☐ b. REACTIVE ☐ c. PRESSURE RELEASE ☒ d. ACUTE HEALTH ☐ e. CHRONIC HEALTH

AVERAGE DAILY AMOUNT	MAXIMUM DAILY AMOUNT	ANNUAL WASTE AMOUNT	STATE WASTE CODE
0.44 (217)	0.66 (218)	(219)	(220)

UNIT* (Check one item only) 221 ☒ a. GALLONS ☐ b. CUBIC FEET ☐ c. POUNDS ☐ d. TONS
* If EHS, amount must be in pounds

DAYS ON SITE 222
365

STORAGE CONTAINER (Check all that apply) 223

☐ a. ABOVEGROUND TANK	☐ e. PLASTIC DRUM	☐ i. FIBER DRUM	☐ m. GLASS BOTTLE	☐ q. RAIL CAR
☐ b. UNDERGROUND TANK	☒ f. CAN	☐ j. BAG	☐ n. PLASTIC BOTTLE	☐ r. OTHER
☐ c. TANK INSIDE BUILDING	☐ g. CARBOY	☐ k. BOX	☐ o. TOTE BIN	
☐ d. STEEL DRUM	☐ h. SILO	☐ l. CYLINDER	☐ p. TANK WAGON	

STORAGE PRESSURE 224 ☐ a. AMBIENT ☒ b. ABOVE AMBIENT ☐ c. BELOW AMBIENT

STORAGE TEMPERATURE 225 ☒ a. AMBIENT ☐ b. ABOVE AMBIENT ☐ c. BELOW AMBIENT ☐ d. CRYOGENIC

	%WT	HAZARDOUS COMPONENT (for mixture or waste only)	EHS	CAS #
1	UNK (226)	1,1,1-TRICHLOROETHANE (227)	☐ Yes ☒ No (228)	71-55-6 (229)
2	UNK (230)	ISOBUTANE (231)	☐ Yes ☒ No (232)	75-28-5 (233)
3	UNK (234)	NAPHTHA: STODDARD SOLVENT (235)	☐ Yes ☒ No (236)	8052-41-3 (237)
4	UNK (238)	PROPANE (239)	☐ Yes ☒ No (240)	74-98-6 (241)
5	(242)	(243)	☐ Yes ☒ No (244)	(245)

If more hazardous components are present at greater than 1% by weight if non-carcinogenic, or 0.1% by weidht if carcinogenic, attach additional sheets of paper capturing the required information:

ADDITIONAL LOCALLY COLLECTED INFORMATION: 246

If EPCRA, Please Sign Here

HAZARDOUS MATERIALS INVENTORY - CHEMICAL DESCRIPTION

(one page per material per building or area)

☐ ADD ☐ DELETE ☐ REVISE 200

I. FACILITY INFORMATION

BUSINESS NAME (Same as FACILITY NAME or DBA - Doing Business As) 3
MILPITAS GAS TERMINAL

CHEMICAL LOCATION 201
Building: YARD / Location: HAZ MAT/WASTE STO BLDG A

CHEMICAL LOCATION CONFIDENTIAL - EPCRA 202 ☐ Yes ☒ No

FACILITY ID # 1 MAP # (optional) See figure 2.1 203 GRID # (optional) C4 204

II. CHEMICAL INFORMATION

CHEMICAL NAME 205

TRADE SECRET 206 ☐ Yes ☒ No
If subject to EPCRA, refer to instructions

COMMON NAME 207
Marking Paint (17A)

EHS* 208 ☐ Yes ☒ No

CAS # 209

If EHS is 'Yes' all amounts below must be in lbs.

FIRE CODE HAZARD CLASSES (Complete if required by CUPA) 210
Flammable Liquid(FL1A)

HAZARDOUS MATERIAL TYPE (Check one item only) ☐ a. PURE ☒ b. MIXTURE ☐ c. WASTE 211 RADIOACTIVE ☐ Yes ☒ No 212 CURIES 213

PHYSICAL STATE (Check one item only) ☐ a. SOLID ☒ b. LIQUID ☐ c. GAS 211 LARGEST CONTAINER 0.13 215

FED HAZARD CATEGORIES (Check all that apply) ☒ a. FIRE ☐ b. REACTIVE ☒ c. PRESSURE RELEASE ☒ d. ACUTE HEALTH ☐ e. CHRONIC HEALTH 216

AVERAGE DAILY AMOUNT 2.13 217 MAXIMUM DAILY AMOUNT 3.19 218 ANNUAL WASTE AMOUNT 219 STATE WASTE CODE 220

UNIT* (Check one item only) ☒ a. GALLONS ☐ b. CUBIC FEET ☐ c. POUNDS ☐ d. TONS 221 DAYS ON SITE 365 222
* If EHS, amount must be in pounds

STORAGE CONTAINER (Check all that apply) 223
☐ a. ABOVEGROUND TANK ☐ e. PLASTIC DRUM ☐ i. FIBER DRUM ☐ m. GLASS BOTTLE ☐ q. RAIL CAR
☐ b. UNDERGROUND TANK ☒ f. CAN ☐ j. BAG ☐ n. PLASTIC BOTTLE ☐ r. OTHER
☐ c. TANK INSIDE BUILDING ☐ g. CARBOY ☐ k. BOX ☐ o. TOTE BIN
☐ d. STEEL DRUM ☐ h. SILO ☐ l. CYLINDER ☐ p. TANK WAGON

STORAGE PRESSURE 224 ☐ a. AMBIENT ☒ b. ABOVE AMBIENT ☐ c. BELOW AMBIENT

STORAGE TEMPERATURE 225 ☒ a. AMBIENT ☐ b. ABOVE AMBIENT ☐ c. BELOW AMBIENT ☐ d. CRYOGENIC

	%WT	HAZARDOUS COMPONENT (for mixture or waste only)	EHS	CAS #
1	226 5	227 ACETONE	228 ☐ Yes ☒ No	229 67-64-1
2	230 5	231 BUTANE	232 ☐ Yes ☒ No	233 106-97-8
3	234 12	235 HEXANE	236 ☐ Yes ☒ No	237 110-54-3
4	238 10	239 PROPANE	240 ☐ Yes ☒ No	241 74-98-6
5	242 20	243 XYLENE	244 ☐ Yes ☒ No	245 1330-20-7

If more hazardous components are present at greater than 1% by weight if non-carcinogenic, or 0.1% by weidht if carcinogenic, attach additional sheets of paper capturing the required information:

ADDITIONAL LOCALLY COLLECTED INFORMATION: 246

If EPCRA, Please Sign Here

'Unified Program Consolidated Form

HAZARDOUS MATERIALS

HAZARDOUS MATERIALS INVENTORY - CHEMICAL DESCRIPTION

(one page per material per building or area)

☐ ADD ☐ DELETE ☐ REVISE 200 Page 65 of

I. FACILITY INFORMATION

BUSINESS NAME (Same as FACILITY NAME or DBA - Doing Business As) 3
MILPITAS GAS TERMINAL

CHEMICAL LOCATION 201
Building: YARD / Location: HAZ MAT/WASTE STO BLDG A

CHEMICAL LOCATION CONFIDENTIAL - EPCRA 202 ☐ Yes ☒ No

FACILITY ID # 1 MAP # (optional) See figure 2.1 203 GRID # (optional) C4 204

II. CHEMICAL INFORMATION

CHEMICAL NAME 205

TRADE SECRET 206 ☐ Yes ☒ No
If subject to EPCRA, refer to instructions

COMMON NAME 207
Met-Kool Aerosol

EHS* 208 ☐ Yes ☒ No

CAS # 209

If EHS is 'Yes' all amounts below must be in lbs.

FIRE CODE HAZARD CLASSES (Complete if required by CUPA) 210
Combustible Liquid(CL2)

HAZARDOUS MATERIAL TYPE (Check one item only) ☐ a. PURE ☒ b. MIXTURE ☐ c. WASTE 211

RADIOACTIVE 212 ☐ Yes ☒ No

CURIES 213

PHYSICAL STATE (Check one item only) ☐ a. SOLID ☒ b. LIQUID ☐ c. GAS 211

LARGEST CONTAINER 215
0.10

FED HAZARD CATEGORIES (Check all that apply) 216 ☐ a. FIRE ☐ b. REACTIVE ☒ c. PRESSURE RELEASE ☒ d. ACUTE HEALTH ☐ e. CHRONIC HEALTH

AVERAGE DAILY AMOUNT 217: 0.68

MAXIMUM DAILY AMOUNT 218: 1.02

ANNUAL WASTE AMOUNT 219

STATE WASTE CODE 220

UNIT* (Check one item only) ☒ a. GALLONS ☐ b. CUBIC FEET ☐ c. POUNDS ☐ d. TONS 221
* If EHS, amount must be in pounds

DAYS ON SITE 222
365

STORAGE CONTAINER (Check all that apply) 223

☐ a. ABOVEGROUND TANK	☐ e. PLASTIC DRUM	☐ i. FIBER DRUM	☐ m. GLASS BOTTLE	☐ q. RAIL CAR
☐ b. UNDERGROUND TANK	☒ f. CAN	☐ j. BAG	☐ n. PLASTIC BOTTLE	☐ r. OTHER
☐ c. TANK INSIDE BUILDING	☐ g. CARBOY	☐ k. BOX	☐ o. TOTE BIN	
☐ d. STEEL DRUM	☐ h. SILO	☐ l. CYLINDER	☐ p. TANK WAGON	

STORAGE PRESSURE 224 ☐ a. AMBIENT ☒ b. ABOVE AMBIENT ☐ c. BELOW AMBIENT

STORAGE TEMPERATURE 225 ☒ a. AMBIENT ☐ b. ABOVE AMBIENT ☐ c. BELOW AMBIENT ☐ d. CRYOGENIC

	%WT	HAZARDOUS COMPONENT (for mixture or waste only)	EHS	CAS #
1	226 UNK	227 Hydrotreated Heavy Napthenic Dist	228 ☐ Yes ☒ No	229 64742-52-5
2	230 UNK	231 ISOBUTANE	232 ☐ Yes ☒ No	233 75-28-5
3	234 UNK	235 PARAFFINS	236 ☐ Yes ☒ No	237 64742-88-7
4	238 UNK	239 PROPANE	240 ☐ Yes ☒ No	241 74-98-6
5	242	243	244 ☐ Yes ☒ No	245

If more hazardous components are present at greater than 1% by weight if non-carcinogenic, or 0.1% by weidht if carcinogenic, attach additional sheets of paper capturing the required information:

ADDITIONAL LOCALLY COLLECTED INFORMATION: 246

If EPCRA, Please Sign Here

HAZARDOUS MATERIALS INVENTORY - CHEMICAL DESCRIPTION

(one page per material per building or area)

☐ ADD ☐ DELETE ☐ REVISE 200

I. FACILITY INFORMATION

BUSINESS NAME (Same as FACILITY NAME or DBA - Doing Business As) 3
MILPITAS GAS TERMINAL

CHEMICAL LOCATION 201
Building: YARD / Location: HAZ MAT/WASTE STO BLDG A

CHEMICAL LOCATION CONFIDENTIAL - EPCRA 202 ☐ Yes ☒ No

FACILITY ID # 1

MAP # (optional) See figure 2.1 203

GRID # (optional) C4 204

II. CHEMICAL INFORMATION

CHEMICAL NAME 205

TRADE SECRET 206 ☐ Yes ☒ No
If subject to EPCRA, refer to instructions

COMMON NAME 207
MINERAL SPIRITS

EHS* 208 ☐ Yes ☒ No

CAS # 209

If EHS is 'Yes' all amounts below must be in lbs.

FIRE CODE HAZARD CLASSES (Complete if required by CUPA) 210
Flammable Liquid(FL1B)

HAZARDOUS MATERIAL TYPE (Check one item only) ☐ a. PURE ☒ b. MIXTURE ☐ c. WASTE 211

RADIOACTIVE 212 ☐ Yes ☒ No

CURIES 213

PHYSICAL STATE (Check one item only) ☐ a. SOLID ☒ b. LIQUID ☐ c. GAS 211

LARGEST CONTAINER 215
5.00

FED HAZARD CATEGORIES (Check all that apply) 216 ☒ a. FIRE ☐ b. REACTIVE ☐ c. PRESSURE RELEASE ☒ d. ACUTE HEALTH ☐ e. CHRONIC HEALTH

AVERAGE DAILY AMOUNT 3.00 217

MAXIMUM DAILY AMOUNT 5.00 218

ANNUAL WASTE AMOUNT 219

STATE WASTE CODE 220

UNIT* (Check one item only) ☒ a. GALLONS ☐ b. CUBIC FEET ☐ c. POUNDS ☐ d. TONS 221
* If EHS, amount must be in pounds

DAYS ON SITE 222
365

STORAGE CONTAINER (Check all that apply) 223

☐ a. ABOVEGROUND TANK	☐ e. PLASTIC DRUM	☐ i. FIBER DRUM	☐ m. GLASS BOTTLE	☐ q. RAIL CAR
☐ b. UNDERGROUND TANK	☒ f. CAN	☐ j. BAG	☐ n. PLASTIC BOTTLE	☐ r. OTHER
☐ c. TANK INSIDE BUILDING	☐ g. CARBOY	☐ k. BOX	☐ o. TOTE BIN	
☐ d. STEEL DRUM	☐ h. SILO	☐ l. CYLINDER	☐ p. TANK WAGON	

STORAGE PRESSURE 224 ☒ a. AMBIENT ☐ b. ABOVE AMBIENT ☐ c. BELOW AMBIENT

STORAGE TEMPERATURE 225 ☒ a. AMBIENT ☐ b. ABOVE AMBIENT ☐ c. BELOW AMBIENT ☐ d. CRYOGENIC

	%WT	HAZARDOUS COMPONENT (for mixture or waste only)	EHS	CAS #
1	226 97	227 HYDROTREATED LIGHT DISTILLATES	228 ☐ Yes ☒ No	229 64742-47-8
2	230	231	232 ☐ Yes ☒ No	233
3	234	235	236 ☐ Yes ☒ No	237
4	238	239	240 ☐ Yes ☒ No	241
5	242	243	244 ☐ Yes ☒ No	245

If more hazardous components are present at greater than 1% by weight if non-carcinogenic, or 0.1% by weidht if carcinogenic, attach additional sheets of paper capturing the required information:

ADDITIONAL LOCALLY COLLECTED INFORMATION: 246

If EPCRA, Please Sign Here

HAZARDOUS MATERIALS INVENTORY - CHEMICAL DESCRIPTION

(one page per material per building or area)

☐ ADD ☐ DELETE ☐ REVISE 200

I. FACILITY INFORMATION

BUSINESS NAME (Same as FACILITY NAME or DBA - Doing Business As) 3
MILPITAS GAS TERMINAL

CHEMICAL LOCATION 201
Building: YARD / Location: HAZ MAT/WASTE STO BLDG A

CHEMICAL LOCATION CONFIDENTIAL - EPCRA 202 ☐ Yes ☒ No

FACILITY ID # 1 | MAP # (optional) See figure 2.1 203 | GRID # (optional) C4 204

II. CHEMICAL INFORMATION

CHEMICAL NAME 205

TRADE SECRET 206 ☐ Yes ☒ No
If subject to EPCRA, refer to instructions

COMMON NAME 207
NC-123

EHS* 208 ☐ Yes ☒ No

CAS # 209

If EHS is Yes all amounts below must be in lbs.

FIRE CODE HAZARD CLASSES (Complete if required by CUPA) 210
Combustible Liquid(CL3B)

HAZARDOUS MATERIAL TYPE (Check one item only) ☐ a. PURE ☒ b. MIXTURE ☐ c. WASTE 211

RADIOACTIVE 212 ☐ Yes ☒ No

CURIES 213

PHYSICAL STATE (Check one item only) ☐ a. SOLID ☒ b. LIQUID ☐ c. GAS 211

LARGEST CONTAINER 215
0.09

FED HAZARD CATEGORIES (Check all that apply) 216 ☐ a. FIRE ☐ b. REACTIVE ☐ c. PRESSURE RELEASE ☒ d. ACUTE HEALTH ☐ e. CHRONIC HEALTH

AVERAGE DAILY AMOUNT	MAXIMUM DAILY AMOUNT	ANNUAL WASTE AMOUNT	STATE WASTE CODE
0.75 (217)	1.13 (218)	(219)	(220)

UNIT* (Check one item only) ☒ a. GALLONS ☐ b. CUBIC FEET ☐ c. POUNDS ☐ d. TONS
* If EHS, amount must be in pounds

221 DAYS ON SITE 222
365

STORAGE CONTAINER (Check all that apply) 223

☐ a. ABOVEGROUND TANK	☐ e. PLASTIC DRUM	☐ i. FIBER DRUM	☐ m. GLASS BOTTLE	☐ q. RAIL CAR
☐ b. UNDERGROUND TANK	☒ f. CAN	☐ j. BAG	☐ n. PLASTIC BOTTLE	☐ r. OTHER
☐ c. TANK INSIDE BUILDING	☐ g. CARBOY	☐ k. BOX	☐ o. TOTE BIN	
☐ d. STEEL DRUM	☐ h. SILO	☐ l. CYLINDER	☐ p. TANK WAGON	

STORAGE PRESSURE 224 ☐ a. AMBIENT ☒ b. ABOVE AMBIENT ☐ c. BELOW AMBIENT

STORAGE TEMPERATURE 225 ☒ a. AMBIENT ☐ b. ABOVE AMBIENT ☐ c. BELOW AMBIENT ☐ d. CRYOGENIC

	%WT	HAZARDOUS COMPONENT (for mixture or waste only)	EHS	CAS #
1	40 (226)	1,1,1-TRICHLOROETHANE (227)	☐ Yes ☒ No (228)	71-55-6 (229)
2	UNK (230)	1,3-DIOXOLANE (231)	☐ Yes ☒ No (232)	646-06-0 (233)
3	UNK (234)	ALIPHATIC PETROLEUM DISTILLATE (235)	☐ Yes ☒ No (236)	8032-32-4 (237)
4	(238)	(239)	☐ Yes ☒ No (240)	(241)
5	(242)	(243)	☐ Yes ☒ No (244)	(245)

If more hazardous components are present at greater than 1% by weight if non-carcinogenic, or 0.1% by weidht if carcinogenic, attach additional sheets of paper capturing the required information:

ADDITIONAL LOCALLY COLLECTED INFORMATION: 246

If EPCRA, Please Sign Here

HAZARDOUS MATERIALS INVENTORY - CHEMICAL DESCRIPTION

(one page per material per building or area)

☐ ADD ☐ DELETE ☐ REVISE 200

I. FACILITY INFORMATION

BUSINESS NAME (Same as FACILITY NAME or DBA - Doing Business As) 3
MILPITAS GAS TERMINAL

CHEMICAL LOCATION 201
Building: YARD / Location: HAZ MAT/WASTE STO BLDG A

CHEMICAL LOCATION CONFIDENTIAL - EPCRA 202 ☐ Yes ☒ No

FACILITY ID # 1 | MAP # (optional) See figure 2.1 203 | GRID # (optional) C4 204

II. CHEMICAL INFORMATION

CHEMICAL NAME 205

TRADE SECRET 206 ☐ Yes ☒ No
If subject to EPCRA, refer to instructions

COMMON NAME 207
Paint, Enamel

EHS* 208 ☐ Yes ☒ No

CAS # 209

If EHS is 'Yes' all amounts below must be in lbs.

FIRE CODE HAZARD CLASSES (Complete if required by CUPA) 210
Flammable Liquid(FL1B)

HAZARDOUS MATERIAL TYPE (Check one item only) ☐ a. PURE ☒ b. MIXTURE ☐ c. WASTE 211 | RADIOACTIVE ☐ Yes ☒ No 212 | CURIES 213

PHYSICAL STATE (Check one item only) ☐ a. SOLID ☒ b. LIQUID ☐ c. GAS 211 | LARGEST CONTAINER 1.00 215

FED HAZARD CATEGORIES (Check all that apply) ☒ a. FIRE ☐ b. REACTIVE ☐ c. PRESSURE RELEASE ☒ d. ACUTE HEALTH ☐ e. CHRONIC HEALTH 216

AVERAGE DAILY AMOUNT 2.00 217 | MAXIMUM DAILY AMOUNT 3.00 218 | ANNUAL WASTE AMOUNT 219 | STATE WASTE CODE 220

UNIT* (Check one item only) ☒ a. GALLONS ☐ b. CUBIC FEET ☐ c. POUNDS ☐ d. TONS 221 | DAYS ON SITE 365 222
* If EHS, amount must be in pounds

STORAGE CONTAINER (Check all that apply) 223
☐ a. ABOVEGROUND TANK ☐ e. PLASTIC DRUM ☐ i. FIBER DRUM ☐ m. GLASS BOTTLE ☐ q. RAIL CAR
☐ b. UNDERGROUND TANK ☒ f. CAN ☐ j. BAG ☐ n. PLASTIC BOTTLE ☐ r. OTHER
☐ c. TANK INSIDE BUILDING ☐ g. CARBOY ☐ k. BOX ☐ o. TOTE BIN
☐ d. STEEL DRUM ☐ h. SILO ☐ l. CYLINDER ☐ p. TANK WAGON

STORAGE PRESSURE 224 ☒ a. AMBIENT ☐ b. ABOVE AMBIENT ☐ c. BELOW AMBIENT

STORAGE TEMPERATURE 225 ☒ a. AMBIENT ☐ b. ABOVE AMBIENT ☐ c. BELOW AMBIENT ☐ d. CRYOGENIC

	%WT	HAZARDOUS COMPONENT (for mixture or waste only)	EHS	CAS#
1	226 UNK	227 ACETONE	228 ☐ Yes ☒ No	229 67-64-1
2	230 UNK	231 TOLUENE	232 ☐ Yes ☒ No	233 108-88-3
3	234 UNK	235 XYLENE	236 ☐ Yes ☒ No	237 1330-20-7
4	238	239	240 ☐ Yes ☒ No	241
5	242	243	244 ☐ Yes ☒ No	245

If more hazardous components are present at greater than 1% by weight if non-carcinogenic, or 0.1% by weidht if carcinogenic, attach additional sheets of paper capturing the required information:

ADDITIONAL LOCALLY COLLECTED INFORMATION: 246

If EPCRA, Please Sign Here

Unified Program Consolidated Form

HAZARDOUS MATERIALS

HAZARDOUS MATERIALS INVENTORY - CHEMICAL DESCRIPTION

(one page per material per building or area)

☐ ADD ☐ DELETE ☐ REVISE 200

I. FACILITY INFORMATION

BUSINESS NAME (Same as FACILITY NAME or DBA - Doing Business As) 3
MILPITAS GAS TERMINAL

CHEMICAL LOCATION 201
Building: YARD / Location: HAZ MAT/WASTE STO BLDG A

CHEMICAL LOCATION CONFIDENTIAL - EPCRA 202 ☐ Yes ☒ No

FACILITY ID # 1 | MAP # (optional) See figure 2.1 203 | GRID # (optional) C4 204

II. CHEMICAL INFORMATION

CHEMICAL NAME 205

TRADE SECRET 206 ☐ Yes ☒ No
If subject to EPCRA, refer to instructions

COMMON NAME 207
P-O-W AEROSOL

EHS* 208 ☐ Yes ☒ No

CAS # 209

If EHS is 'Yes' all amounts below must be in lbs.

FIRE CODE HAZARD CLASSES (Complete if required by CUPA) 210
Combustible Liquid(CL2), Toxic liquid(TL)

HAZARDOUS MATERIAL TYPE (Check one item only) ☐ a. PURE ☒ b. MIXTURE ☐ c. WASTE 211 | RADIOACTIVE ☐ Yes ☒ No 212 | CURIES 213

PHYSICAL STATE (Check one item only) ☐ a. SOLID ☒ b. LIQUID ☐ c. GAS 211 | LARGEST CONTAINER 0.11 215

FED HAZARD CATEGORIES (Check all that apply) ☒ a. FIRE ☒ b. REACTIVE ☒ c. PRESSURE RELEASE ☒ d. ACUTE HEALTH ☐ e. CHRONIC HEALTH 216

AVERAGE DAILY AMOUNT	MAXIMUM DAILY AMOUNT	ANNUAL WASTE AMOUNT	STATE WASTE CODE
0.44 (217)	0.66 (218)	(219)	(220)

UNIT* (Check one item only) ☒ a. GALLONS ☐ b. CUBIC FEET ☐ c. POUNDS ☐ d. TONS 221 | DAYS ON SITE 365 222
* If EHS, amount must be in pounds

STORAGE CONTAINER (Check all that apply) 223

☐ a. ABOVEGROUND TANK	☐ e. PLASTIC DRUM	☐ i. FIBER DRUM	☐ m. GLASS BOTTLE	☐ q. RAIL CAR
☐ b. UNDERGROUND TANK	☒ f. CAN	☐ j. BAG	☐ n. PLASTIC BOTTLE	☐ r. OTHER
☐ c. TANK INSIDE BUILDING	☐ g. CARBOY	☐ k. BOX	☐ o. TOTE BIN	
☐ d. STEEL DRUM	☐ h. SILO	☐ l. CYLINDER	☐ p. TANK WAGON	

STORAGE PRESSURE ☐ a. AMBIENT ☒ b. ABOVE AMBIENT ☐ c. BELOW AMBIENT 224

STORAGE TEMPERATURE ☒ a. AMBIENT ☐ b. ABOVE AMBIENT ☐ c. BELOW AMBIENT ☐ d. CRYOGENIC 225

	%WT	HAZARDOUS COMPONENT (for mixture or waste only)	EHS	CAS #
1	80 (226)	1,1,1-TRICHLOROETHANE (227)	☐ Yes ☒ No (228)	71-55-6 (229)
2	5 (230)	2-BUTANOL (231)	☐ Yes ☒ No (232)	78-92-2 (233)
3	UNK (234)	DIMETHOXYMETHANE (235)	☐ Yes ☒ No (236)	109-87-5 (237)
4	2 (238)	PROPOXUR (239)	☐ Yes ☒ No (240)	114-26-1 (241)
5	(242)	(243)	☐ Yes ☒ No (244)	(245)

If more hazardous components are present at greater than 1% by weight if non-carcinogenic, or 0.1% by weidht if carcinogenic, attach additional sheets of paper capturing the required information:

ADDITIONAL LOCALLY COLLECTED INFORMATION: 246

If EPCRA, Please Sign Here

HAZARDOUS MATERIALS INVENTORY - CHEMICAL DESCRIPTION

(one page per material per building or area)

☐ ADD ☐ DELETE ☐ REVISE 200

I. FACILITY INFORMATION

BUSINESS NAME (Same as FACILITY NAME or DBA - Doing Business As) 3
MILPITAS GAS TERMINAL

CHEMICAL LOCATION
Building: YARD / Location: HAZ MAT/WASTE STO BLDG A 201

CHEMICAL LOCATION CONFIDENTIAL - EPCRA ☐ Yes ☒ No 202

FACILITY ID # 1

MAP # (optional) See figure 2.1 203

GRID # (optional) C4 204

II. CHEMICAL INFORMATION

CHEMICAL NAME 205

TRADE SECRET ☐ Yes ☒ No 206
If subject to EPCRA, refer to instructions

COMMON NAME 207
PROPANE

EHS* ☐ Yes ☒ No 208

CAS # 209

If EHS is 'Yes' all amounts below must be in lbs.

FIRE CODE HAZARD CLASSES (Complete if required by CUPA) 210
Flammable gas (gaseous)(FGG)

HAZARDOUS MATERIAL TYPE (Check one item only) ☐ a. PURE ☒ b. MIXTURE ☐ c. WASTE 211

RADIOACTIVE ☐ Yes ☒ No 212

CURIES 213

PHYSICAL STATE (Check one item only) ☐ a. SOLID ☐ b. LIQUID ☒ c. GAS 211

LARGEST CONTAINER 4.00 215

FED HAZARD CATEGORIES (Check all that apply) ☒ a. FIRE ☐ b. REACTIVE ☒ c. PRESSURE RELEASE ☐ d. ACUTE HEALTH ☐ e. CHRONIC HEALTH 216

AVERAGE DAILY AMOUNT 13.00 217

MAXIMUM DAILY AMOUNT 20.00 218

ANNUAL WASTE AMOUNT 219

STATE WASTE CODE 220

UNIT* (Check one item only) ☐ a. GALLONS ☒ b. CUBIC FEET ☐ c. POUNDS ☐ d. TONS
* If EHS, amount must be in pounds 221

DAYS ON SITE 365 222

STORAGE CONTAINER (Check all that apply) 223

☐ a. ABOVEGROUND TANK	☐ e. PLASTIC DRUM	☐ i. FIBER DRUM	☐ m. GLASS BOTTLE	☐ q. RAIL CAR
☐ b. UNDERGROUND TANK	☐ f. CAN	☐ j. BAG	☐ n. PLASTIC BOTTLE	☐ r. OTHER
☐ c. TANK INSIDE BUILDING	☐ g. CARBOY	☐ k. BOX	☐ o. TOTE BIN	
☐ d. STEEL DRUM	☐ h. SILO	☒ l. CYLINDER	☐ p. TANK WAGON	

STORAGE PRESSURE ☐ a. AMBIENT ☒ b. ABOVE AMBIENT ☐ c. BELOW AMBIENT 224

STORAGE TEMPERATURE ☒ a. AMBIENT ☐ b. ABOVE AMBIENT ☐ c. BELOW AMBIENT ☐ d. CRYOGENIC 225

	%WT	HAZARDOUS COMPONENT (for mixture or waste only)	EHS	CAS #
1	226 UNK	227 PROPANE	228 ☐ Yes ☒ No	229 74-98-6
2	230	231	232 ☐ Yes ☒ No	233
3	234	235	236 ☐ Yes ☒ No	237
4	238	239	240 ☐ Yes ☒ No	241
5	242	243	244 ☐ Yes ☒ No	245

If more hazardous components are present at greater than 1% by weight if non-carcinogenic, or 0.1% by weidht if carcinogenic, attach additional sheets of paper capturing the required information:

ADDITIONAL LOCALLY COLLECTED INFORMATION: 246

If EPCRA, Please Sign Here

Unified Program Consolidated Form

HAZARDOUS MATERIALS

HAZARDOUS MATERIALS INVENTORY - CHEMICAL DESCRIPTION

(one page per material per building or area)

☐ ADD ☐ DELETE ☐ REVISE 200 Page 71 of

I. FACILITY INFORMATION

BUSINESS NAME (Same as FACILITY NAME or DBA - Doing Business As) 3
MILPITAS GAS TERMINAL

CHEMICAL LOCATION 201
Building: YARD / Location: HAZ MAT/WASTE STO BLDG A

CHEMICAL LOCATION CONFIDENTIAL - EPCRA 202 ☐ Yes ☒ No

FACILITY ID # 1 | MAP # (optional) See figure 2.1 203 | GRID # (optional) C4 204

II. CHEMICAL INFORMATION

CHEMICAL NAME 205

TRADE SECRET 206 ☐ Yes ☒ No
If subject to EPCRA, refer to instructions

COMMON NAME 207
RK-351 Solvent Degreaser

EHS* 208 ☐ Yes ☒ No

CAS # 209

If EHS is 'Yes' all amounts below must be in lbs.

FIRE CODE HAZARD CLASSES (Complete if required by CUPA) 210
Combustible Liquid(CL2)

HAZARDOUS MATERIAL TYPE (Check one item only) ☐ a. PURE ☒ b. MIXTURE ☐ c. WASTE 211

RADIOACTIVE 212 ☐ Yes ☒ No

CURIES 213

PHYSICAL STATE (Check one item only) ☐ a. SOLID ☒ b. LIQUID ☐ c. GAS 211

LARGEST CONTAINER 215
55.00

FED HAZARD CATEGORIES (Check all that apply) 216 ☐ a. FIRE ☐ b. REACTIVE ☐ c. PRESSURE RELEASE ☐ d. ACUTE HEALTH ☐ e. CHRONIC HEALTH

AVERAGE DAILY AMOUNT 37.00 217

MAXIMUM DAILY AMOUNT 55.00 218

ANNUAL WASTE AMOUNT 219

STATE WASTE CODE 220

UNIT* (Check one item only) ☒ a. GALLONS ☐ b. CUBIC FEET ☐ c. POUNDS ☐ d. TONS 221
* If EHS, amount must be in pounds

DAYS ON SITE 222
365

STORAGE CONTAINER (Check all that apply) 223

☐ a. ABOVEGROUND TANK	☐ e. PLASTIC DRUM	☐ i. FIBER DRUM	☐ m. GLASS BOTTLE	☐ q. RAIL CAR
☐ b. UNDERGROUND TANK	☐ f. CAN	☐ j. BAG	☐ n. PLASTIC BOTTLE	☐ r. OTHER
☐ c. TANK INSIDE BUILDING	☐ g. CARBOY	☐ k. BOX	☐ o. TOTE BIN	
☒ d. STEEL DRUM	☐ h. SILO	☐ l. CYLINDER	☐ p. TANK WAGON	

STORAGE PRESSURE 224 ☒ a. AMBIENT ☐ b. ABOVE AMBIENT ☐ c. BELOW AMBIENT

STORAGE TEMPERATURE 225 ☒ a. AMBIENT ☐ b. ABOVE AMBIENT ☐ c. BELOW AMBIENT ☐ d. CRYOGENIC

	%WT	HAZARDOUS COMPONENT (for mixture or waste only)	EHS	CAS #
1	226 50	227 MINERAL SPIRITS	228 ☐ Yes ☒ No	229 64475-85-0
2	230 12	231 TRIPROPYLENE GLYCOL METHYL ETHER	232 ☐ Yes ☒ No	233 25498-49-1
3	234	235	236 ☐ Yes ☒ No	237
4	238	239	240 ☐ Yes ☒ No	241
5	242	243	244 ☐ Yes ☒ No	245

If more hazardous components are present at greater than 1% by weight if non-carcinogenic, or 0.1% by weidht if carcinogenic, attach additional sheets of paper capturing the required information:

ADDITIONAL LOCALLY COLLECTED INFORMATION: 246

If EPCRA, Please Sign Here

HAZARDOUS MATERIALS INVENTORY - CHEMICAL DESCRIPTION

(one page per material per building or area)

☐ ADD ☐ DELETE ☐ REVISE 200

I. FACILITY INFORMATION

BUSINESS NAME (Same as FACILITY NAME or DBA - Doing Business As) 3
MILPITAS GAS TERMINAL

CHEMICAL LOCATION 201
Building: YARD / Location: HAZ MAT/WASTE STO BLDG A

CHEMICAL LOCATION CONFIDENTIAL - EPCRA 202 ☐ Yes ☒ No

FACILITY ID # 1

MAP # (optional) See figure 2.1 203

GRID # (optional) C4 204

II. CHEMICAL INFORMATION

CHEMICAL NAME 205

TRADE SECRET 206 ☐ Yes ☒ No
If subject to EPCRA, refer to instructions

COMMON NAME 207
ROYBOND 747 PRIMER

EHS* 208 ☐ Yes ☒ No

CAS # 209

If EHS is 'Yes' all amounts below must be in lbs.

FIRE CODE HAZARD CLASSES (Complete if required by CUPA) 210
Flammable Liquid(FL1B)

HAZARDOUS MATERIAL TYPE (Check one item only) ☐ a. PURE ☒ b. MIXTURE ☐ c. WASTE

211 RADIOACTIVE ☐ Yes ☒ No

212 CURIES 213

PHYSICAL STATE (Check one item only) ☐ a. SOLID ☒ b. LIQUID ☐ c. GAS

211 LARGEST CONTAINER 0.09 215

FED HAZARD CATEGORIES (Check all that apply) ☒ a. FIRE ☐ b. REACTIVE ☐ c. PRESSURE RELEASE ☒ d. ACUTE HEALTH ☐ e. CHRONIC HEALTH 216

AVERAGE DAILY AMOUNT 0.75 217

MAXIMUM DAILY AMOUNT 1.13 218

ANNUAL WASTE AMOUNT 219

STATE WASTE CODE 220

UNIT* (Check one item only) ☒ a. GALLONS ☐ b. CUBIC FEET ☐ c. POUNDS ☐ d. TONS
* If EHS, amount must be in pounds

221 DAYS ON SITE 365 222

STORAGE CONTAINER (Check all that apply) 223

☐ a. ABOVEGROUND TANK	☐ e. PLASTIC DRUM	☐ i. FIBER DRUM	☐ m. GLASS BOTTLE	☐ q. RAIL CAR
☐ b. UNDERGROUND TANK	☒ f. CAN	☐ j. BAG	☐ n. PLASTIC BOTTLE	☐ r. OTHER
☐ c. TANK INSIDE BUILDING	☐ g. CARBOY	☐ k. BOX	☐ o. TOTE BIN	
☐ d. STEEL DRUM	☐ h. SILO	☐ l. CYLINDER	☐ p. TANK WAGON	

STORAGE PRESSURE ☐ a. AMBIENT ☒ b. ABOVE AMBIENT ☐ c. BELOW AMBIENT 224

STORAGE TEMPERATURE ☒ a. AMBIENT ☐ b. ABOVE AMBIENT ☐ c. BELOW AMBIENT ☐ d. CRYOGENIC 225

	%WT	HAZARDOUS COMPONENT (for mixture or waste only)	EHS	CAS #
1	226: 5	227: METHYL ETHYL KETONE	228: ☐ Yes ☒ No	229: 78-93-3
2	230: 10	231: PITCH, COAL TAR	232: ☐ Yes ☒ No	233: 65996-93-2
3	234: 55	235: TOLUENE	236: ☐ Yes ☒ No	237: 108-88-3
4	238:	239:	240: ☐ Yes ☒ No	241:
5	242:	243:	244: ☐ Yes ☒ No	245:

If more hazardous components are present at greater than 1% by weight if non-carcinogenic, or 0.1% by weidht if carcinogenic, attach additional sheets of paper capturing the required information:

ADDITIONAL LOCALLY COLLECTED INFORMATION: 246

If EPCRA, Please Sign Here

Unified Program Consolidated Form

HAZARDOUS MATERIALS

HAZARDOUS MATERIALS INVENTORY - CHEMICAL DESCRIPTION

(one page per material per building or area)

☐ ADD ☐ DELETE ☐ REVISE 200

I. FACILITY INFORMATION

BUSINESS NAME (Same as FACILITY NAME or DBA - Doing Business As) 3
MILPITAS GAS TERMINAL

CHEMICAL LOCATION 201
Building: YARD / Location: HAZ MAT/WASTE STO BLDG A

CHEMICAL LOCATION CONFIDENTIAL - EPCRA 202 ☐ Yes ☒ No

FACILITY ID # 1 | MAP # (optional) See figure 2.1 203 | GRID # (optional) C4 204

II. CHEMICAL INFORMATION

CHEMICAL NAME 205

TRADE SECRET 206 ☐ Yes ☒ No
If subject to EPCRA, refer to instructions

COMMON NAME 207
RUST-OLEUM PRIMER PAINT

EHS* 208 ☐ Yes ☒ No

CAS # 209

If EHS is 'Yes' all amounts below must be in lbs.

FIRE CODE HAZARD CLASSES (Complete if required by CUPA) 210
Flammable Liquid(FL1B)

HAZARDOUS MATERIAL TYPE (Check one item only) ☐ a. PURE ☒ b. MIXTURE ☐ c. WASTE 211 | RADIOACTIVE 212 ☐ Yes ☒ No | CURIES 213

PHYSICAL STATE (Check one item only) ☐ a. SOLID ☒ b. LIQUID ☐ c. GAS 211 | LARGEST CONTAINER 215
0.25

FED HAZARD CATEGORIES (Check all that apply) 216 ☒ a. FIRE ☐ b. REACTIVE ☐ c. PRESSURE RELEASE ☒ d. ACUTE HEALTH ☐ e. CHRONIC HEALTH

AVERAGE DAILY AMOUNT	MAXIMUM DAILY AMOUNT	ANNUAL WASTE AMOUNT	STATE WASTE CODE
0.75 (217)	1.25 (218)	(219)	(220)

UNIT* (Check one item only) 221 ☒ a. GALLONS ☐ b. CUBIC FEET ☐ c. POUNDS ☐ d. TONS
* If EHS, amount must be in pounds

DAYS ON SITE 222
365

STORAGE CONTAINER (Check all that apply) 223

☐ a. ABOVEGROUND TANK	☐ e. PLASTIC DRUM	☐ i. FIBER DRUM	☐ m. GLASS BOTTLE	☐ q. RAIL CAR
☐ b. UNDERGROUND TANK	☒ f. CAN	☐ j. BAG	☐ n. PLASTIC BOTTLE	☐ r. OTHER
☐ c. TANK INSIDE BUILDING	☐ g. CARBOY	☐ k. BOX	☐ o. TOTE BIN	
☐ d. STEEL DRUM	☐ h. SILO	☐ l. CYLINDER	☐ p. TANK WAGON	

STORAGE PRESSURE 224 ☒ a. AMBIENT ☐ b. ABOVE AMBIENT ☐ c. BELOW AMBIENT

STORAGE TEMPERATURE 225 ☒ a. AMBIENT ☐ b. ABOVE AMBIENT ☐ c. BELOW AMBIENT ☐ d. CRYOGENIC

	%WT	HAZARDOUS COMPONENT (for mixture or waste only)	EHS	CAS #
1	24 (226)	NAPHTHA: STODDARD SOLVENT (227)	☐ Yes ☒ No (228)	8052-41-3 (229)
2	(230)	(231)	☐ Yes ☒ No (232)	(233)
3	(234)	(235)	☐ Yes ☒ No (236)	(237)
4	(238)	(239)	☐ Yes ☒ No (240)	(241)
5	(242)	(243)	☐ Yes ☒ No (244)	(245)

If more hazardous components are present at greater than 1% by weight if non-carcinogenic, or 0.1% by weidht if carcinogenic, attach additional sheets of paper capturing the required information:

ADDITIONAL LOCALLY COLLECTED INFORMATION: 246

If EPCRA, Please Sign Here

HAZARDOUS MATERIALS INVENTORY - CHEMICAL DESCRIPTION

(one page per material per building or area)

☐ ADD ☐ DELETE ☐ REVISE 200

I. FACILITY INFORMATION

BUSINESS NAME (Same as FACILITY NAME or DBA - Doing Business As) 3
MILPITAS GAS TERMINAL

CHEMICAL LOCATION 201
Building: YARD / Location: HAZ MAT/WASTE STO BLDG A

CHEMICAL LOCATION CONFIDENTIAL - EPCRA 202 ☐ Yes ☒ No

FACILITY ID # 1 | MAP # (optional) See figure 2.1 203 | GRID # (optional) C4 204

II. CHEMICAL INFORMATION

CHEMICAL NAME 205

TRADE SECRET 206 ☐ Yes ☒ No
If subject to EPCRA, refer to instructions

COMMON NAME 207
SEALING CEMENT

EHS* 208 ☐ Yes ☒ No

CAS # 209

If EHS is 'Yes' all amounts below must be in lbs.

FIRE CODE HAZARD CLASSES (Complete if required by CUPA) 210
Irritants(IR)

HAZARDOUS MATERIAL TYPE (Check one item only) ☐ a. PURE ☒ b. MIXTURE ☐ c. WASTE

211 RADIOACTIVE ☐ Yes ☒ No

212 CURIES 213

PHYSICAL STATE (Check one item only) ☒ a. SOLID ☐ b. LIQUID ☐ c. GAS

211 LARGEST CONTAINER 10.00 215

FED HAZARD CATEGORIES (Check all that apply) ☐ a. FIRE ☐ b. REACTIVE ☐ c. PRESSURE RELEASE ☒ d. ACUTE HEALTH ☐ e. CHRONIC HEALTH 216

AVERAGE DAILY AMOUNT 7.00 217 | MAXIMUM DAILY AMOUNT 10.00 218 | ANNUAL WASTE AMOUNT 219 | STATE WASTE CODE 220

UNIT* (Check one item only) ☐ a. GALLONS ☐ b. CUBIC FEET ☒ c. POUNDS ☐ d. TONS
* If EHS, amount must be in pounds

221 DAYS ON SITE 365 222

STORAGE CONTAINER (Check all that apply) 223

☐ a. ABOVEGROUND TANK	☐ e. PLASTIC DRUM	☐ i. FIBER DRUM	☐ m. GLASS BOTTLE	☐ q. RAIL CAR
☐ b. UNDERGROUND TANK	☒ f. CAN	☐ j. BAG	☐ n. PLASTIC BOTTLE	☐ r. OTHER
☐ c. TANK INSIDE BUILDING	☐ g. CARBOY	☐ k. BOX	☐ o. TOTE BIN	
☐ d. STEEL DRUM	☐ h. SILO	☐ l. CYLINDER	☐ p. TANK WAGON	

STORAGE PRESSURE 224 ☒ a. AMBIENT ☐ b. ABOVE AMBIENT ☐ c. BELOW AMBIENT

STORAGE TEMPERATURE 225 ☒ a. AMBIENT ☐ b. ABOVE AMBIENT ☐ c. BELOW AMBIENT ☐ d. CRYOGENIC

	%WT	HAZARDOUS COMPONENT (for mixture or waste only)	EHS	CAS #
1	226 UNK	227 CALCIUM ALUMINATE	228 ☐ Yes ☒ No	229 65997-16-2
2	230 UNK	231 CITRIC ACID	232 ☐ Yes ☒ No	233 77-92-9
3	234 UNK	235 LITHIUM CARBONATE	236 ☐ Yes ☒ No	237 554-13-2
4	238 UNK	239 SILICA, CRYSTALLINE-QUARTZ	240 ☐ Yes ☒ No	241 14808-60-7
5	242 UNK	243 SILICA, FUSED	244 ☐ Yes ☒ No	245 60676-86-0

If more hazardous components are present at greater than 1% by weight if non-carcinogenic, or 0.1% by weidht if carcinogenic, attach additional sheets of paper capturing the required information:

ADDITIONAL LOCALLY COLLECTED INFORMATION: 246

If EPCRA, Please Sign Here

HAZARDOUS MATERIALS INVENTORY - CHEMICAL DESCRIPTION

(one page per material per building or area)

☐ ADD ☐ DELETE ☐ REVISE 200

I. FACILITY INFORMATION

BUSINESS NAME (Same as FACILITY NAME or DBA - Doing Business As) 3
MILPITAS GAS TERMINAL

CHEMICAL LOCATION 201
Building: YARD / Location: HAZ MAT/WASTE STO BLDG A

CHEMICAL LOCATION CONFIDENTIAL - EPCRA 202 ☐ Yes ☒ No

FACILITY ID # 1 MAP # (optional) See figure 2.1 203 GRID # (optional) C4 204

II. CHEMICAL INFORMATION

CHEMICAL NAME 205

TRADE SECRET 206 ☐ Yes ☒ No
If subject to EPCRA, refer to instructions

COMMON NAME 207
SSR ULTRA COOLANT

EHS* 208 ☐ Yes ☒ No

CAS # 209

If EHS is 'Yes' all amounts below must be in lbs.

FIRE CODE HAZARD CLASSES (Complete if required by CUPA) 210
Irritants(IR)

HAZARDOUS MATERIAL TYPE (Check one item only) ☐ a. PURE ☒ b. MIXTURE ☐ c. WASTE 211

RADIOACTIVE 212 ☐ Yes ☒ No

CURIES 213

PHYSICAL STATE (Check one item only) ☐ a. SOLID ☒ b. LIQUID ☐ c. GAS 211

LARGEST CONTAINER 215
5.00

FED HAZARD CATEGORIES (Check all that apply) ☐ a. FIRE ☐ b. REACTIVE ☐ c. PRESSURE RELEASE ☒ d. ACUTE HEALTH ☐ e. CHRONIC HEALTH 216

AVERAGE DAILY AMOUNT 7.00 217

MAXIMUM DAILY AMOUNT 10.00 218

ANNUAL WASTE AMOUNT 219

STATE WASTE CODE 220

UNIT* (Check one item only) ☒ a. GALLONS ☐ b. CUBIC FEET ☐ c. POUNDS ☐ d. TONS
* If EHS, amount must be in pounds

221 DAYS ON SITE 222
365

STORAGE CONTAINER (Check all that apply) 223

☐ a. ABOVEGROUND TANK	☐ e. PLASTIC DRUM	☐ i. FIBER DRUM	☐ m. GLASS BOTTLE	☐ q. RAIL CAR
☐ b. UNDERGROUND TANK	☐ f. CAN	☐ j. BAG	☒ n. PLASTIC BOTTLE	☐ r. OTHER
☐ c. TANK INSIDE BUILDING	☐ g. CARBOY	☐ k. BOX	☐ o. TOTE BIN	
☐ d. STEEL DRUM	☐ h. SILO	☐ l. CYLINDER	☐ p. TANK WAGON	

STORAGE PRESSURE 224 ☒ a. AMBIENT ☐ b. ABOVE AMBIENT ☐ c. BELOW AMBIENT

STORAGE TEMPERATURE 225 ☒ a. AMBIENT ☐ b. ABOVE AMBIENT ☐ c. BELOW AMBIENT ☐ d. CRYOGENIC

	%WT	HAZARDOUS COMPONENT (for mixture or waste only)	EHS	CAS #
1	226 UNK	227 PENTAERYTHRITOL	228 ☐ Yes ☒ No	229 115-77-5
2	230 UNK	231 Polyoxyalkolene glycol	232 ☐ Yes ☒ No	233
3	234	235	236 ☐ Yes ☒ No	237
4	238	239	240 ☐ Yes ☒ No	241
5	242	243	244 ☐ Yes ☒ No	245

If more hazardous components are present at greater than 1% by weight if non-carcinogenic, or 0.1% by weidht if carcinogenic, attach additional sheets of paper capturing the required information:

ADDITIONAL LOCALLY COLLECTED INFORMATION: 246

If EPCRA, Please Sign Here

HAZARDOUS MATERIALS INVENTORY - CHEMICAL DESCRIPTION

(one page per material per building or area)

☐ ADD ☐ DELETE ☐ REVISE 200

I. FACILITY INFORMATION

BUSINESS NAME (Same as FACILITY NAME or DBA - Doing Business As) 3
MILPITAS GAS TERMINAL

CHEMICAL LOCATION 201
Building: YARD / Location: HAZ MAT/WASTE STO BLDG A

CHEMICAL LOCATION CONFIDENTIAL - EPCRA 202 ☐ Yes ☒ No

FACILITY ID # 1 | MAP # (optional) See figure 2.1 203 | GRID # (optional) C4 204

II. CHEMICAL INFORMATION

CHEMICAL NAME 205

TRADE SECRET 206 ☐ Yes ☒ No
If subject to EPCRA, refer to instructions

COMMON NAME 207
STEP-SAFE PART A

EHS* 208 ☐ Yes ☒ No

CAS # 209

If EHS is 'Yes' all amounts below must be in lbs.

FIRE CODE HAZARD CLASSES (Complete if required by CUPA) 210
Irritants(IR)

HAZARDOUS MATERIAL TYPE (Check one item only) ☐ a. PURE ☒ b. MIXTURE ☐ c. WASTE 211 | RADIOACTIVE ☐ Yes ☒ No 212 | CURIES 213

PHYSICAL STATE (Check one item only) ☐ a. SOLID ☒ b. LIQUID ☐ c. GAS 211 | LARGEST CONTAINER 1.00 215

FED HAZARD CATEGORIES (Check all that apply) ☐ a. FIRE ☐ b. REACTIVE ☐ c. PRESSURE RELEASE ☒ d. ACUTE HEALTH ☐ e. CHRONIC HEALTH 216

AVERAGE DAILY AMOUNT 3.00 217 | MAXIMUM DAILY AMOUNT 4.00 218 | ANNUAL WASTE AMOUNT 219 | STATE WASTE CODE 220

UNIT* (Check one item only) ☒ a. GALLONS ☐ b. CUBIC FEET ☐ c. POUNDS ☐ d. TONS
* If EHS, amount must be in pounds
221 DAYS ON SITE 365 222

STORAGE CONTAINER (Check all that apply) 223

☐ a. ABOVEGROUND TANK	☐ e. PLASTIC DRUM	☐ i. FIBER DRUM	☐ m. GLASS BOTTLE	☐ q. RAIL CAR
☐ b. UNDERGROUND TANK	☒ f. CAN	☐ j. BAG	☐ n. PLASTIC BOTTLE	☐ r. OTHER
☐ c. TANK INSIDE BUILDING	☐ g. CARBOY	☐ k. BOX	☐ o. TOTE BIN	
☐ d. STEEL DRUM	☐ h. SILO	☐ l. CYLINDER	☐ p. TANK WAGON	

STORAGE PRESSURE ☒ a. AMBIENT ☐ b. ABOVE AMBIENT ☐ c. BELOW AMBIENT 224

STORAGE TEMPERATURE ☒ a. AMBIENT ☐ b. ABOVE AMBIENT ☐ c. BELOW AMBIENT ☐ d. CRYOGENIC 225

	%WT	HAZARDOUS COMPONENT (for mixture or waste only)	EHS	CAS #
1	40 226	RESIN COMPOUND, CONTAINS < = 50% BY WEIGHT RESIN, [COMBUSTIBLE LIQUID] 227	☐ Yes ☒ No 228	229
2	230	231	☐ Yes ☒ No 232	233
3	234	235	☐ Yes ☒ No 236	237
4	238	239	☐ Yes ☒ No 240	241
5	242	243	☐ Yes ☒ No 244	245

If more hazardous components are present at greater than 1% by weight if non-carcinogenic, or 0.1% by weidht if carcinogenic, attach additional sheets of paper capturing the required information:

ADDITIONAL LOCALLY COLLECTED INFORMATION: 246

If EPCRA, Please Sign Here

'nified Program Consolidated Form

HAZARDOUS MATERIALS

HAZARDOUS MATERIALS INVENTORY - CHEMICAL DESCRIPTION

(one page per material per building or area)

☐ ADD ☐ DELETE ☐ REVISE 200 Page 77 o'

I. FACILITY INFORMATION

BUSINESS NAME (Same as FACILITY NAME or DBA - Doing Business As) 3
MILPITAS GAS TERMINAL

CHEMICAL LOCATION 201
Building: YARD / Location: HAZ MAT/WASTE STO BLDG A

CHEMICAL LOCATION CONFIDENTIAL - EPCRA 202 ☐ Yes ☒ No

FACILITY ID # 1 | MAP # (optional) See figure 2.1 203 | GRID # (optional) C4 204

II. CHEMICAL INFORMATION

CHEMICAL NAME 205

TRADE SECRET 206 ☐ Yes ☒ No
If subject to EPCRA, refer to instructions

COMMON NAME 207
STEP-SAFE PART B

EHS* 208 ☐ Yes ☒ No

CAS # 209

If EHS is 'Yes' all amounts below must be in lbs.

FIRE CODE HAZARD CLASSES (Complete if required by CUPA) 210
Irritants(IR)

HAZARDOUS MATERIAL TYPE (Check one item only) ☐ a. PURE ☒ b. MIXTURE ☐ c. WASTE 211

RADIOACTIVE 212 ☐ Yes ☒ No

CURIES 213

PHYSICAL STATE (Check one item only) ☐ a. SOLID ☒ b. LIQUID ☐ c. GAS 211

LARGEST CONTAINER 215
0.25

FED HAZARD CATEGORIES (Check all that apply) 216 ☐ a. FIRE ☐ b. REACTIVE ☐ c. PRESSURE RELEASE ☒ d. ACUTE HEALTH ☐ e. CHRONIC HEALTH

AVERAGE DAILY AMOUNT 1.25 217

MAXIMUM DAILY AMOUNT 2.00 218

ANNUAL WASTE AMOUNT 219

STATE WASTE CODE 220

UNIT* (Check one item only) ☒ a. GALLONS ☐ b. CUBIC FEET ☐ c. POUNDS ☐ d. TONS
* If EHS, amount must be in pounds

221 DAYS ON SITE 222
365

STORAGE CONTAINER (Check all that apply) 223
☐ a. ABOVEGROUND TANK ☐ e. PLASTIC DRUM ☐ i. FIBER DRUM ☐ m. GLASS BOTTLE ☐ q. RAIL CAR
☐ b. UNDERGROUND TANK ☒ f. CAN ☐ j. BAG ☐ n. PLASTIC BOTTLE ☐ r. OTHER
☐ c. TANK INSIDE BUILDING ☐ g. CARBOY ☐ k. BOX ☐ o. TOTE BIN
☐ d. STEEL DRUM ☐ h. SILO ☐ l. CYLINDER ☐ p. TANK WAGON

STORAGE PRESSURE 224 ☒ a. AMBIENT ☐ b. ABOVE AMBIENT ☐ c. BELOW AMBIENT

STORAGE TEMPERATURE 225 ☒ a. AMBIENT ☐ b. ABOVE AMBIENT ☐ c. BELOW AMBIENT ☐ d. CRYOGENIC

	%WT	HAZARDOUS COMPONENT (for mixture or waste only)	EHS	CAS #
1	226 10	227 TETRAETHYLENEPENTAMINE	228 ☐ Yes ☒ No	229 112-57-2
2	230	231	232 ☐ Yes ☒ No	233
3	234	235	236 ☐ Yes ☒ No	237
4	238	239	240 ☐ Yes ☒ No	241
5	242	243	244 ☐ Yes ☒ No	245

If more hazardous components are present at greater than 1% by weight if non-carcinogenic, or 0.1% by weidht if carcinogenic, attach additional sheets of paper capturing the required information:

ADDITIONAL LOCALLY COLLECTED INFORMATION: 246

If EPCRA, Please Sign Here

'nified Program Consolidated Form

HAZARDOUS MATERIALS

HAZARDOUS MATERIALS INVENTORY - CHEMICAL DESCRIPTION

(one page per material per building or area)

☐ ADD ☐ DELETE ☐ REVISE 200

I. FACILITY INFORMATION

BUSINESS NAME (Same as FACILITY NAME or DBA - Doing Business As) 3
MILPITAS GAS TERMINAL

CHEMICAL LOCATION 201
Building: YARD / Location: HAZ MAT/WASTE STO BLDG A

CHEMICAL LOCATION CONFIDENTIAL - EPCRA 202 ☐ Yes ☒ No

FACILITY ID # 1 | MAP # (optional) See figure 2.1 203 | GRID # (optional) C4 204

II. CHEMICAL INFORMATION

CHEMICAL NAME 205

TRADE SECRET 206 ☐ Yes ☒ No
If subject to EPCRA, refer to instructions

COMMON NAME 207
THREAD-EZE

EHS* 208 ☐ Yes ☒ No

CAS # 209

If EHS is 'Yes' all amounts below must be in lbs.

FIRE CODE HAZARD CLASSES (Complete if required by CUPA) 210
Combustible Liquid(CL3B)

HAZARDOUS MATERIAL TYPE (Check one item only) ☐ a. PURE ☒ b. MIXTURE ☐ c. WASTE 211 | RADIOACTIVE ☐ Yes ☒ No 212 | CURIES 213

PHYSICAL STATE (Check one item only) ☐ a. SOLID ☒ b. LIQUID ☐ c. GAS 211 | LARGEST CONTAINER 0.09 215

FED HAZARD CATEGORIES (Check all that apply) ☐ a. FIRE ☐ b. REACTIVE ☐ c. PRESSURE RELEASE ☒ d. ACUTE HEALTH ☐ e. CHRONIC HEALTH 216

AVERAGE DAILY AMOUNT	MAXIMUM DAILY AMOUNT	ANNUAL WASTE AMOUNT	STATE WASTE CODE
0.38 217	0.56 218	219	220

UNIT* (Check one item only) ☒ a. GALLONS ☐ b. CUBIC FEET ☐ c. POUNDS ☐ d. TONS
* If EHS, amount must be in pounds

221 DAYS ON SITE 222
365

STORAGE CONTAINER (Check all that apply) 223

☐ a. ABOVEGROUND TANK	☐ e. PLASTIC DRUM	☐ i. FIBER DRUM	☐ m. GLASS BOTTLE	☐ q. RAIL CAR
☐ b. UNDERGROUND TANK	☒ f. CAN	☐ j. BAG	☐ n. PLASTIC BOTTLE	☐ r. OTHER
☐ c. TANK INSIDE BUILDING	☐ g. CARBOY	☐ k. BOX	☐ o. TOTE BIN	
☐ d. STEEL DRUM	☐ h. SILO	☐ l. CYLINDER	☐ p. TANK WAGON	

STORAGE PRESSURE 224 ☐ a. AMBIENT ☒ b. ABOVE AMBIENT ☐ c. BELOW AMBIENT

STORAGE TEMPERATURE 225 ☒ a. AMBIENT ☐ b. ABOVE AMBIENT ☐ c. BELOW AMBIENT ☐ d. CRYOGENIC

	%WT	HAZARDOUS COMPONENT (for mixture or waste only)	EHS	CAS #
1	226 UNK	227 HYDROTREATED HV. NAPHTHENIC OIL	228 ☐ Yes ☒ No	229 64742-52-5
2	230 UNK	231 HYDROTREATED LT. NAPHTHENIC OIL	232 ☐ Yes ☒ No	233 64472-53-6
3	234	235	236 ☐ Yes ☒ No	237
4	238	239	240 ☐ Yes ☒ No	241
5	242	243	244 ☐ Yes ☒ No	245

If more hazardous components are present at greater than 1% by weight if non-carcinogenic, or 0.1% by weidht if carcinogenic, attach additional sheets of paper capturing the required information:

ADDITIONAL LOCALLY COLLECTED INFORMATION: 246

If EPCRA, Please Sign Here

Unified Program Consolidated Form

HAZARDOUS MATERIALS

HAZARDOUS MATERIALS INVENTORY - CHEMICAL DESCRIPTION

(one page per material per building or area)

☐ ADD ☐ DELETE ☐ REVISE 200 Page 79

I. FACILITY INFORMATION

BUSINESS NAME (Same as FACILITY NAME or DBA - Doing Business As) 3
MILPITAS GAS TERMINAL

CHEMICAL LOCATION 201
Building: YARD / Location: HAZ MAT/WASTE STO BLDG A

CHEMICAL LOCATION CONFIDENTIAL - EPCRA 202 ☐ Yes ☒ No

FACILITY ID # 1 MAP # (optional) See figure 2.1 203 GRID # (optional) C4 204

II. CHEMICAL INFORMATION

CHEMICAL NAME 205

TRADE SECRET 206 ☐ Yes ☒ No
If subject to EPCRA, refer to instructions

COMMON NAME 207
TOTAL LUBE #911

EHS* 208 ☐ Yes ☒ No

CAS # 209

If EHS is 'Yes' all amounts below must be in lbs.

FIRE CODE HAZARD CLASSES (Complete if required by CUPA) 210
Other Health Hazards(OHH)

HAZARDOUS MATERIAL TYPE (Check one item only) ☐ a. PURE ☒ b. MIXTURE ☐ c. WASTE 211

RADIOACTIVE 212 ☐ Yes ☒ No

CURIES 213

PHYSICAL STATE (Check one item only) ☒ a. SOLID ☐ b. LIQUID ☐ c. GAS 211

LARGEST CONTAINER 215
10.00

FED HAZARD CATEGORIES (Check all that apply) 216 ☐ a. FIRE ☐ b. REACTIVE ☐ c. PRESSURE RELEASE ☒ d. ACUTE HEALTH ☐ e. CHRONIC HEALTH

AVERAGE DAILY AMOUNT 175.25 217

MAXIMUM DAILY AMOUNT 262.40 218

ANNUAL WASTE AMOUNT 219

STATE WASTE CODE 220

UNIT* (Check one item only) ☐ a. GALLONS ☐ b. CUBIC FEET ☒ c. POUNDS ☐ d. TONS 221
* If EHS, amount must be in pounds

DAYS ON SITE 222
365

STORAGE CONTAINER (Check all that apply) 223

☐ a. ABOVEGROUND TANK	☐ e. PLASTIC DRUM	☐ i. FIBER DRUM	☐ m. GLASS BOTTLE	☐ q. RAIL CAR
☐ b. UNDERGROUND TANK	☒ f. CAN	☐ j. BAG	☐ n. PLASTIC BOTTLE	☒ r. OTHER
☐ c. TANK INSIDE BUILDING	☐ g. CARBOY	☐ k. BOX	☐ o. TOTE BIN	
☐ d. STEEL DRUM	☐ h. SILO	☐ l. CYLINDER	☐ p. TANK WAGON	

STORAGE PRESSURE 224 ☒ a. AMBIENT ☐ b. ABOVE AMBIENT ☐ c. BELOW AMBIENT

STORAGE TEMPERATURE 225 ☒ a. AMBIENT ☐ b. ABOVE AMBIENT ☐ c. BELOW AMBIENT ☐ d. CRYOGENIC

	%WT	HAZARDOUS COMPONENT (for mixture or waste only)	EHS	CAS #
1	226 21	227 BUTYL BENZYL PHTHALATE	228 ☐ Yes ☒ No	229 85-68-7
2	230 5	231 GLYCERIN	232 ☐ Yes ☒ No	233 56-81-5
3	234 5	235 SILICA, AMORPHOUS HYDRATED	236 ☐ Yes ☒ No	237 7631-86-9
4	238	239	240 ☐ Yes ☒ No	241
5	242	243	244 ☐ Yes ☒ No	245

If more hazardous components are present at greater than 1% by weight if non-carcinogenic, or 0.1% by weidht if carcinogenic, attach additional sheets of paper capturing the required information:

ADDITIONAL LOCALLY COLLECTED INFORMATION: 246

If EPCRA, Please Sign Here

HAZARDOUS MATERIALS INVENTORY - CHEMICAL DESCRIPTION

(one page per material per building or area)

☐ ADD ☐ DELETE ☐ REVISE 200

I. FACILITY INFORMATION

BUSINESS NAME (Same as FACILITY NAME or DBA - Doing Business As) 3
MILPITAS GAS TERMINAL

CHEMICAL LOCATION 201
Building: YARD / Location: HAZ MAT/WASTE STO BLDG A

CHEMICAL LOCATION CONFIDENTIAL - EPCRA 202 ☐ Yes ☒ No

FACILITY ID # 1 | MAP # (optional) See figure 2.1 203 | GRID # (optional) C4 204

II. CHEMICAL INFORMATION

CHEMICAL NAME 205

TRADE SECRET 206 ☐ Yes ☒ No
If subject to EPCRA, refer to instructions

COMMON NAME 207
Valve cleaner

EHS* 208 ☐ Yes ☒ No

CAS # 209

If EHS is 'Yes' all amounts below must be in lbs.

FIRE CODE HAZARD CLASSES (Complete if required by CUPA) 210
Combustible Liquid(CL3B)

HAZARDOUS MATERIAL TYPE (Check one item only) ☐ a. PURE ☒ b. MIXTURE ☐ c. WASTE 211 | RADIOACTIVE ☐ Yes ☒ No 212 | CURIES 213

PHYSICAL STATE (Check one item only) ☒ a. SOLID ☐ b. LIQUID ☐ c. GAS 211 | LARGEST CONTAINER 10.00 215

FED HAZARD CATEGORIES (Check all that apply) ☐ a. FIRE ☐ b. REACTIVE ☐ c. PRESSURE RELEASE ☒ d. ACUTE HEALTH ☐ e. CHRONIC HEALTH 216

AVERAGE DAILY AMOUNT	MAXIMUM DAILY AMOUNT	ANNUAL WASTE AMOUNT	STATE WASTE CODE
101.25 (217)	152.40 (218)	(219)	(220)

UNIT* (Check one item only) ☐ a. GALLONS ☐ b. CUBIC FEET ☒ c. POUNDS ☐ d. TONS
* If EHS, amount must be in pounds

221 DAYS ON SITE 222
365

STORAGE CONTAINER (Check all that apply) 223

☐ a. ABOVEGROUND TANK	☐ e. PLASTIC DRUM	☐ i. FIBER DRUM	☐ m. GLASS BOTTLE	☐ q. RAIL CAR
☐ b. UNDERGROUND TANK	☒ f. CAN	☐ j. BAG	☐ n. PLASTIC BOTTLE	☒ r. OTHER
☐ c. TANK INSIDE BUILDING	☐ g. CARBOY	☐ k. BOX	☐ o. TOTE BIN	
☐ d. STEEL DRUM	☐ h. SILO	☐ l. CYLINDER	☐ p. TANK WAGON	

STORAGE PRESSURE 224 ☒ a. AMBIENT ☐ b. ABOVE AMBIENT ☐ c. BELOW AMBIENT

STORAGE TEMPERATURE 225 ☒ a. AMBIENT ☐ b. ABOVE AMBIENT ☐ c. BELOW AMBIENT ☐ d. CRYOGENIC

	%WT	HAZARDOUS COMPONENT (for mixture or waste only)	EHS	CAS #
1	48 (226)	1,1,1-TRICHLOROETHANE (227)	☐ Yes ☒ No (228)	71-55-6 (229)
2	5 (230)	GLYCERIN (231)	☐ Yes ☒ No (232)	56-81-5 (233)
3	5 (234)	SILICA, AMORPHOUS HYDRATED (235)	☐ Yes ☒ No (236)	7631-86-9 (237)
4	(238)	(239)	☐ Yes ☒ No (240)	(241)
5	(242)	(243)	☐ Yes ☒ No (244)	(245)

If more hazardous components are present at greater than 1% by weight if non-carcinogenic, or 0.1% by weidht if carcinogenic, attach additional sheets of paper capturing the required information:

ADDITIONAL LOCALLY COLLECTED INFORMATION: 246

If EPCRA, Please Sign Here

'nified Program Consolidated Form

HAZARDOUS MATERIALS

HAZARDOUS MATERIALS INVENTORY - CHEMICAL DESCRIPTION

(one page per material per building or area)

☐ ADD ☐ DELETE ☐ REVISE 200

I. FACILITY INFORMATION

BUSINESS NAME (Same as FACILITY NAME or DBA - Doing Business As) 3
MILPITAS GAS TERMINAL

CHEMICAL LOCATION 201
Building: YARD / Location: HAZ MAT/WASTE STO BLDG A

CHEMICAL LOCATION CONFIDENTIAL - EPCRA 202 ☐ Yes ☒ No

FACILITY ID # 1 MAP # (optional) See figure 2.1 203 GRID # (optional) C4 204

II. CHEMICAL INFORMATION

CHEMICAL NAME 205

TRADE SECRET 206 ☐ Yes ☒ No
If subject to EPCRA, refer to instructions

COMMON NAME 207
VALVE FLUSH

EHS* 208 ☐ Yes ☒ No

CAS # 209

If EHS is 'Yes' all amounts below must be in lbs.

FIRE CODE HAZARD CLASSES (Complete if required by CUPA) 210
Irritants(IR)

HAZARDOUS MATERIAL TYPE (Check one item only) ☐ a. PURE ☒ b. MIXTURE ☐ c. WASTE 211 RADIOACTIVE ☐ Yes ☒ No 212 CURIES 213

PHYSICAL STATE (Check one item only) ☐ a. SOLID ☒ b. LIQUID ☐ c. GAS 211 LARGEST CONTAINER 1.00 215

FED HAZARD CATEGORIES (Check all that apply) ☐ a. FIRE ☐ b. REACTIVE ☐ c. PRESSURE RELEASE ☒ d. ACUTE HEALTH ☐ e. CHRONIC HEALTH 216

AVERAGE DAILY AMOUNT 1.00 217 MAXIMUM DAILY AMOUNT 2.00 218 ANNUAL WASTE AMOUNT 219 STATE WASTE CODE 220

UNIT* (Check one item only) ☒ a. GALLONS ☐ b. CUBIC FEET ☐ c. POUNDS ☐ d. TONS
* If EHS, amount must be in pounds
221 DAYS ON SITE 365 222

STORAGE CONTAINER (Check all that apply) 223
☐ a. ABOVEGROUND TANK ☐ e. PLASTIC DRUM ☐ i. FIBER DRUM ☐ m. GLASS BOTTLE ☐ q. RAIL CAR
☐ b. UNDERGROUND TANK ☒ f. CAN ☐ j. BAG ☐ n. PLASTIC BOTTLE ☐ r. OTHER
☐ c. TANK INSIDE BUILDING ☐ g. CARBOY ☐ k. BOX ☐ o. TOTE BIN
☐ d. STEEL DRUM ☐ h. SILO ☐ l. CYLINDER ☐ p. TANK WAGON

STORAGE PRESSURE 224 ☒ a. AMBIENT ☐ b. ABOVE AMBIENT ☐ c. BELOW AMBIENT

STORAGE TEMPERATURE 225 ☒ a. AMBIENT ☐ b. ABOVE AMBIENT ☐ c. BELOW AMBIENT ☐ d. CRYOGENIC

	%WT	HAZARDOUS COMPONENT (for mixture or waste only)	EHS	CAS #
1	226 UNK	227 NO HAZARDOUS INGREDIENTS PER 29 CFR 1910. 1200	228 ☐ Yes ☒ No	229
2	230	231	232 ☐ Yes ☒ No	233
3	234	235	236 ☐ Yes ☒ No	237
4	238	239	240 ☐ Yes ☒ No	241
5	242	243	244 ☐ Yes ☒ No	245

If more hazardous components are present at greater than 1% by weight if non-carcinogenic, or 0.1% by weidht if carcinogenic, attach additional sheets of paper capturing the required information:

ADDITIONAL LOCALLY COLLECTED INFORMATION: 246

If EPCRA, Please Sign Here

HAZARDOUS MATERIALS INVENTORY - CHEMICAL DESCRIPTION

(one page per material per building or area)

☐ ADD ☐ DELETE ☐ REVISE 200

I. FACILITY INFORMATION

BUSINESS NAME (Same as FACILITY NAME or DBA - Doing Business As) 3
MILPITAS GAS TERMINAL

CHEMICAL LOCATION 201
Building: YARD / Location: HAZ MAT/WASTE STO BLDG A

CHEMICAL LOCATION CONFIDENTIAL - EPCRA 202 ☐ Yes ☒ No

FACILITY ID # 1

MAP # (optional) See figure 2.1 203

GRID # (optional) C4 204

II. CHEMICAL INFORMATION

CHEMICAL NAME 205

TRADE SECRET 206 ☐ Yes ☒ No
If subject to EPCRA, refer to instructions

COMMON NAME 207
VALVE SEALANT NO. 5050

EHS* 208 ☐ Yes ☒ No

CAS # 209

If EHS is 'Yes' all amounts below must be in lbs.

FIRE CODE HAZARD CLASSES (Complete if required by CUPA) 210
Other Health Hazards(OHH)

HAZARDOUS MATERIAL TYPE (Check one item only) ☐ a. PURE ☒ b. MIXTURE ☐ c. WASTE

211 RADIOACTIVE ☐ Yes ☒ No

212 CURIES 213

PHYSICAL STATE (Check one item only) ☐ a. SOLID ☒ b. LIQUID ☐ c. GAS

211 LARGEST CONTAINER 215
0.08

FED HAZARD CATEGORIES (Check all that apply) 216 ☐ a. FIRE ☐ b. REACTIVE ☐ c. PRESSURE RELEASE ☒ d. ACUTE HEALTH ☐ e. CHRONIC HEALTH

AVERAGE DAILY AMOUNT 0.63 217

MAXIMUM DAILY AMOUNT 0.94 218

ANNUAL WASTE AMOUNT 219

STATE WASTE CODE 220

UNIT* (Check one item only) ☒ a. GALLONS ☐ b. CUBIC FEET ☐ c. POUNDS ☐ d. TONS
* If EHS, amount must be in pounds

221 DAYS ON SITE 222
365

S GE CONTAINER (that apply) 223

☐ a. ABOVEGROUND TANK	☐ e. PLASTIC DRUM	☐ i. FIBER DRUM	☐ m. GLASS BOTTLE	☐ q. RAIL CAR
☐ b. UNDERGROUND TANK	☐ f. CAN	☐ j. BAG	☐ n. PLASTIC BOTTLE	☒ r. OTHER
☐ c. TANK INSIDE BUILDING	☐ g. CARBOY	☐ k. BOX	☐ o. TOTE BIN	
☐ d. STEEL DRUM	☐ h. SILO	☐ l. CYLINDER	☐ p. TANK WAGON	

STORAGE PRESSURE 224 ☒ a. AMBIENT ☐ b. ABOVE AMBIENT ☐ c. BELOW AMBIENT

STORAGE TEMPERATURE 225 ☒ a. AMBIENT ☐ b. ABOVE AMBIENT ☐ c. BELOW AMBIENT ☐ d. CRYOGENIC

	%WT	HAZARDOUS COMPONENT (for mixture or waste only)	EHS	CAS #
1	226 21	227 BUTYL BENZYL PHTHALATE	228 ☐ Yes ☒ No	229 85-68-7
2	230 5	231 GLYCERIN	232 ☐ Yes ☒ No	233 56-81-5
3	234 5	235 SILICA, AMORPHOUS HYDRATED	236 ☐ Yes ☒ No	237 7631-86-9
4	238 0.5	239 TITANIUM DIOXIDE	240 ☐ Yes ☒ No	241 13463-67-7
5	242	243	244 ☐ Yes ☒ No	245

If more hazardous components are present at greater than 1% by weight if non-carcinogenic, or 0.1% by weidht if carcinogenic, attach additional sheets of paper capturing the required information:

ADDITIONAL LOCALLY COLLECTED INFORMATION: 246

If EPCRA, Please Sign Here

Unified Program Consolidated Form

HAZARDOUS MATERIALS

HAZARDOUS MATERIALS INVENTORY - CHEMICAL DESCRIPTION

(one page per material per building or area)

☐ ADD ☐ DELETE ☐ REVISE 200 Page 84 of

I. FACILITY INFORMATION

BUSINESS NAME (Same as FACILITY NAME or DBA - Doing Business As) 3
MILPITAS GAS TERMINAL

CHEMICAL LOCATION 201
Building: YARD / Location: HAZ MAT/WASTE STO BLDG A

CHEMICAL LOCATION CONFIDENTIAL - EPCRA 202 ☐ Yes ☒ No

FACILITY ID # 1 MAP # (optional) See figure 2.1 203 GRID # (optional) C4 204

II. CHEMICAL INFORMATION

CHEMICAL NAME 205

TRADE SECRET 206 ☐ Yes ☒ No
If subject to EPCRA, refer to instructions

COMMON NAME 207
Waterbased Spray Chalk (20A)

EHS* 208 ☐ Yes ☒ No

CAS # 209

If EHS is 'Yes' all amounts below must be in lbs.

FIRE CODE HAZARD CLASSES (Complete if required by CUPA) 210
Combustible Liquid(CL2)

HAZARDOUS MATERIAL TYPE (Check one item only) ☐ a. PURE ☒ b. MIXTURE ☐ c. WASTE 211

RADIOACTIVE 212 ☐ Yes ☒ No

CURIES 213

PHYSICAL STATE (Check one item only) ☐ a. SOLID ☒ b. LIQUID ☐ c. GAS 211

LARGEST CONTAINER 215
0.13

FED HAZARD CATEGORIES (Check all that apply) 216 ☐ a. FIRE ☐ b. REACTIVE ☒ c. PRESSURE RELEASE ☒ d. ACUTE HEALTH ☐ e. CHRONIC HEALTH

AVERAGE DAILY AMOUNT 7.50 217

MAXIMUM DAILY AMOUNT 11.25 218

ANNUAL WASTE AMOUNT 219

STATE WASTE CODE 220

UNIT* (Check one item only) ☒ a. GALLONS ☐ b. CUBIC FEET ☐ c. POUNDS ☐ d. TONS 221
* If EHS, amount must be in pounds

DAYS ON SITE 222
365

STORAGE CONTAINER (Check all that apply) 223

☐ a. ABOVEGROUND TANK	☐ e. PLASTIC DRUM	☐ i. FIBER DRUM	☐ m. GLASS BOTTLE	☐ q. RAIL CAR
☐ b. UNDERGROUND TANK	☒ f. CAN	☐ j. BAG	☐ n. PLASTIC BOTTLE	☐ r. OTHER
☐ c. TANK INSIDE BUILDING	☐ g. CARBOY	☐ k. BOX	☐ o. TOTE BIN	
☐ d. STEEL DRUM	☐ h. SILO	☐ l. CYLINDER	☐ p. TANK WAGON	

STORAGE PRESSURE 224 ☐ a. AMBIENT ☒ b. ABOVE AMBIENT ☐ c. BELOW AMBIENT

STORAGE TEMPERATURE 225 ☒ a. AMBIENT ☐ b. ABOVE AMBIENT ☐ c. BELOW AMBIENT ☐ d. CRYOGENIC

	%WT	HAZARDOUS COMPONENT (for mixture or waste only)	EHS*	CAS #
1	226 14	227 2-PROPANOL	228 ☐ Yes ☒ No	229 67-63-0
2	230 27	231 PROPANE	232 ☐ Yes ☒ No	233 74-98-6
3	234	235	236 ☐ Yes ☒ No	237
4	238	239	240 ☐ Yes ☒ No	241
5	242	243	244 ☐ Yes ☒ No	245

If more hazardous components are present at greater than 1% by weight if non-carcinogenic, or 0.1% by weidht if carcinogenic, attach additional sheets of paper capturing the required information:

ADDITIONAL LOCALLY COLLECTED INFORMATION: 246

If EPCRA, Please Sign Here

HAZARDOUS MATERIALS INVENTORY - CHEMICAL DESCRIPTION

(one page per material per building or area)

☐ ADD ☐ DELETE ☐ REVISE 200

I. FACILITY INFORMATION

BUSINESS NAME (Same as FACILITY NAME or DBA - Doing Business As) 3
MILPITAS GAS TERMINAL

CHEMICAL LOCATION 201
Building: YARD / Location: HAZ MAT/WASTE STO BLDG A

CHEMICAL LOCATION CONFIDENTIAL - EPCRA 202 ☐ Yes ☒ No

FACILITY ID # 1 | MAP # (optional) See figure 2.1 203 | GRID # (optional) C4 204

II. CHEMICAL INFORMATION

CHEMICAL NAME 205

TRADE SECRET 206 ☐ Yes ☒ No
If subject to EPCRA, refer to instructions

COMMON NAME 207
VALVE SEALANT NO. 5050

EHS* 208 ☐ Yes ☒ No

CAS # 209

If EHS is 'Yes' all amounts below must be in lbs.

FIRE CODE HAZARD CLASSES (Complete if required by CUPA) 210
Other Health Hazards(OHH)

HAZARDOUS MATERIAL TYPE (Check one item only) ☐ a. PURE ☒ b. MIXTURE ☐ c. WASTE

211 RADIOACTIVE ☐ Yes ☒ No

212 CURIES 213

PHYSICAL STATE (Check one item only) ☒ a. SOLID ☐ b. LIQUID ☐ c. GAS

211 LARGEST CONTAINER 10.00 215

FED HAZARD CATEGORIES (Check all that apply) ☐ a. FIRE ☐ b. REACTIVE ☐ c. PRESSURE RELEASE ☒ d. ACUTE HEALTH ☐ e. CHRONIC HEALTH 216

AVERAGE DAILY AMOUNT 67.00 217 | MAXIMUM DAILY AMOUNT 100.00 218 | ANNUAL WASTE AMOUNT 219 | STATE WASTE CODE 220

UNIT* (Check one item only) ☐ a. GALLONS ☐ b. CUBIC FEET ☒ c. POUNDS ☐ d. TON$
* If EHS, amount must be in pounds

221 DAYS ON SITE 365 222

STORAGE CONTAINER (Check all that apply) 223

☐ a. ABOVEGROUND TANK	☐ e. PLASTIC DRUM	☐ i. FIBER DRUM	☐ m. GLASS BOTTLE	☐ q. RAIL CAR
☐ b. UNDERGROUND TANK	☒ f. CAN	☐ j. BAG	☐ n. PLASTIC BOTTLE	☐ r. OTHER
☐ c. TANK INSIDE BUILDING	☐ g. CARBOY	☐ k. BOX	☐ o. TOTE BIN	
☐ d. STEEL DRUM	☐ h. SILO	☐ l. CYLINDER	☐ p. TANK WAGON	

STORAGE PRESSURE 224 ☒ a. AMBIENT ☐ b. ABOVE AMBIENT ☐ c. BELOW AMBIENT

STORAGE TEMPERATURE 225 ☒ a. AMBIENT ☐ b. ABOVE AMBIENT ☐ c. BELOW AMBIENT ☐ d. CRYOGENIC

	%WT	HAZARDOUS COMPONENT (for mixture or waste only)	EHS	CAS #
1	226 21	227 BUTYL BENZYL PHTHALATE	228 ☐ Yes ☒ No	229 85-68-7
2	230 5	231 GLYCERIN	232 ☐ Yes ☒ No	233 56-81-5
3	234 5	235 SILICA, AMORPHOUS HYDRATED	236 ☐ Yes ☒ No	237 7631-86-9
4	238 0.5	239 TITANIUM DIOXIDE	240 ☐ Yes ☒ No	241 13463-67-7
5	242	243	244 ☐ Yes ☒ No	245

If more hazardous components are present at greater than 1% by weight if non-carcinogenic, or 0.1% by weidht if carcinogenic, attach additional sheets of paper capturing the required information:

ADDITIONAL LOCALLY COLLECTED INFORMATION: 246

If EPCRA, Please Sign Here

HAZARDOUS MATERIALS INVENTORY - CHEMICAL DESCRIPTION

(one page per material per building or area)

☐ ADD ☐ DELETE ☐ REVISE 200

I. FACILITY INFORMATION

BUSINESS NAME (Same as FACILITY NAME or DBA - Doing Business As) 3
MILPITAS GAS TERMINAL

CHEMICAL LOCATION 201
Building: YARD / Location: PIPELINE LIQUID DRUM STOR

CHEMICAL LOCATION CONFIDENTIAL - EPCRA 202 ☐ Yes ☒ No

FACILITY ID # 1

MAP # (optional) See figure 2.1 203

GRID # (optional) C4 204

II. CHEMICAL INFORMATION

CHEMICAL NAME 205

TRADE SECRET 206 ☐ Yes ☒ No
If subject to EPCRA, refer to instructions

COMMON NAME 207
PIPELINE LIQUIDS

EHS* 208 ☐ Yes ☒ No

CAS # 209

If EHS is 'Yes' all amounts below must be in lbs.

FIRE CODE HAZARD CLASSES (Complete if required by CUPA) 210
Flammable Liquid(FL1B)

HAZARDOUS MATERIAL TYPE (Check one item only) ☐ a. PURE ☒ b. MIXTURE ☐ c. WASTE

211 RADIOACTIVE ☐ Yes ☒ No

212 CURIES 213

PHYSICAL STATE (Check one item only) ☐ a. SOLID ☒ b. LIQUID ☐ c. GAS

211 LARGEST CONTAINER 215
55.00

FED HAZARD CATEGORIES (Check all that apply) 216
☒ a. FIRE ☐ b. REACTIVE ☐ c. PRESSURE RELEASE ☒ d. ACUTE HEALTH ☐ e. CHRONIC HEALTH

AVERAGE DAILY AMOUNT 293.00 217

MAXIMUM DAILY AMOUNT 440.00 218

ANNUAL WASTE AMOUNT 219

STATE WASTE CODE 220

UNIT* (Check one item only) ☒ a. GALLONS ☐ b. CUBIC FEET ☐ c. POUNDS ☐ d. TONS
* If EHS, amount must be in pounds

221 DAYS ON SITE 222
365

STORAGE CONTAINER (Check all that apply) 223

☐ a. ABOVEGROUND TANK	☐ e. PLASTIC DRUM	☐ i. FIBER DRUM	☐ m. GLASS BOTTLE	☐ q. RAIL CAR
☐ b. UNDERGROUND TANK	☐ f. CAN	☐ j. BAG	☐ n. PLASTIC BOTTLE	☐ r. OTHER
☐ c. TANK INSIDE BUILDING	☐ g. CARBOY	☐ k. BOX	☐ o. TOTE BIN	
☒ d. STEEL DRUM	☐ h. SILO	☐ l. CYLINDER	☐ p. TANK WAGON	

STORAGE PRESSURE 224 ☒ a. AMBIENT ☐ b. ABOVE AMBIENT ☐ c. BELOW AMBIENT

STORAGE TEMPERATURE 225 ☒ a. AMBIENT ☐ b. ABOVE AMBIENT ☐ c. BELOW AMBIENT ☐ d. CRYOGENIC

	%WT	HAZARDOUS COMPONENT (for mixture or waste only) *	EHS*	CAS #
1	226 85	227 ALIPHATIC HYDROCARBONS	228 ☐ Yes ☒ No	229 64742-48-9
2	230 2	231 BENZENE	232 ☐ Yes ☒ No	233 71-43-2
3	234 6	235 TOLUENE	236 ☐ Yes ☒ No	237 108-88-3
4	238 7	239 XYLENE	240 ☐ Yes ☒ No	241 1330-20-7
5	242	243	244 ☐ Yes ☒ No	245

If more hazardous components are present at greater than 1% by weight if non-carcinogenic, or 0.1% by weidht if carcinogenic, attach additional sheets of paper.capturing the required information:

ADDITIONAL LOCALLY COLLECTED INFORMATION: 246

If EPCRA, Please Sign Here

Unified Program Consolidated Form

HAZARDOUS MATERIALS

HAZARDOUS MATERIALS INVENTORY - CHEMICAL DESCRIPTION

(one page per material per building or area)

☐ ADD ☐ DELETE ☐ REVISE 200 Page 86 of

I. FACILITY INFORMATION

BUSINESS NAME (Same as FACILITY NAME or DBA - Doing Business As) 3
MILPITAS GAS TERMINAL

CHEMICAL LOCATION 201
Building: YARD / Location: PIPING STORAGE AREA

CHEMICAL LOCATION CONFIDENTIAL - EPCRA 202 ☐ Yes ☒ No

FACILITY ID # 1 MAP # (optional) See figure 2.1 203 GRID # (optional) E2 204

II. CHEMICAL INFORMATION

CHEMICAL NAME 205

TRADE SECRET 206 ☐ Yes ☒ No
If subject to EPCRA, refer to instructions

COMMON NAME 207
CARBON VENT-SORB

EHS* 208 ☐ Yes ☒ No

CAS # 209

If EHS is Yes all amounts below must be in lbs.

FIRE CODE HAZARD CLASSES (Complete if required by CUPA) 210
Other Health Hazards(OHH)

HAZARDOUS MATERIAL TYPE (Check one item only) ☐ a. PURE ☒ b. MIXTURE ☐ c. WASTE 211

RADIOACTIVE 212 ☐ Yes ☒ No

CURIES 213

PHYSICAL STATE (Check one item only) ☐ a. SOLID ☒ b. LIQUID ☐ c. GAS 211

LARGEST CONTAINER 215
55.00

FED HAZARD CATEGORIES (Check all that apply) ☐ a. FIRE ☐ b. REACTIVE ☐ c. PRESSURE RELEASE ☒ d. ACUTE HEALTH ☐ e. CHRONIC HEALTH 216

AVERAGE DAILY AMOUNT 73.00 217

MAXIMUM DAILY AMOUNT 110.00 218

ANNUAL WASTE AMOUNT 219

STATE WASTE CODE 220

UNIT* (Check one item only) ☒ a. GALLONS ☐ b. CUBIC FEET ☐ c. POUNDS ☐ d. TONS 221
* If EHS, amount must be in pounds

DAYS ON SITE 222
365

STORAGE CONTAINER (Check all that apply) 223

☐ a. ABOVEGROUND TANK	☐ e. PLASTIC DRUM	☐ i. FIBER DRUM	☐ m. GLASS BOTTLE	☐ q. RAIL CAR
☐ b. UNDERGROUND TANK	☐ f. CAN	☐ j. BAG	☐ n. PLASTIC BOTTLE	☐ r. OTHER
☐ c. TANK INSIDE BUILDING	☐ g. CARBOY	☐ k. BOX	☐ o. TOTE BIN	
☒ d. STEEL DRUM	☐ h. SILO	☐ l. CYLINDER	☐ p. TANK WAGON	

STORAGE PRESSURE 224 ☒ a. AMBIENT ☐ b. ABOVE AMBIENT ☐ c. BELOW AMBIENT

STORAGE TEMPERATURE 225 ☒ a. AMBIENT ☐ b. ABOVE AMBIENT ☐ c. BELOW AMBIENT ☐ d. CRYOGENIC

	%WT	HAZARDOUS COMPONENT (for mixture or waste only)	EHS	CAS #
1	226 99	227 CARBON	228 ☐ Yes ☒ No	229 7440-44-0
2	230	231	232 ☐ Yes ☒ No	233
3	234	235	236 ☐ Yes ☒ No	237
4	238	239	240 ☐ Yes ☒ No	241
5	242	243	244 ☐ Yes ☒ No	245

If more hazardous components are present at greater than 1% by weight if non-carcinogenic, or 0.1% by weidht if carcinogenic, attach additional sheets of paper capturing the required information:

ADDITIONAL LOCALLY COLLECTED INFORMATION: 246

If EPCRA, Please Sign Here

HAZARDOUS MATERIALS INVENTORY - CHEMICAL DESCRIPTION

(one page per material per building or area)

☐ ADD ☐ DELETE ☐ REVISE 200

I. FACILITY INFORMATION

BUSINESS NAME (Same as FACILITY NAME or DBA - Doing Business As) 3
MILPITAS GAS TERMINAL

CHEMICAL LOCATION 201
Building: YARD / Location: PIPING STORAGE AREA

CHEMICAL LOCATION CONFIDENTIAL - EPCRA 202 ☐ Yes ☒ No

FACILITY ID # 1 MAP # (optional) See figure 2.1 203 GRID # (optional) E2 204

II. CHEMICAL INFORMATION

CHEMICAL NAME 205

TRADE SECRET 206 ☐ Yes ☒ No
If subject to EPCRA, refer to instructions

COMMON NAME 207
DEVOE COATINGS #247 EPOXY MASTIC

EHS* 208 ☐ Yes ☒ No

CAS # 209

If EHS is Yes, all amounts below must be in lbs.

FIRE CODE HAZARD CLASSES (Complete if required by CUPA) 210
Flammable Liquid(FL1B)

HAZARDOUS MATERIAL TYPE (Check one item only) ☐ a. PURE ☒ b. MIXTURE ☐ c. WASTE 211

RADIOACTIVE 212 ☐ Yes ☒ No

CURIES 213

PHYSICAL STATE (Check one item only) ☐ a. SOLID ☒ b. LIQUID ☐ c. GAS 211

LARGEST CONTAINER 215
1.00

FED HAZARD CATEGORIES (Check all that apply) 216
☒ a. FIRE ☐ b. REACTIVE ☐ c. PRESSURE RELEASE ☒ d. ACUTE HEALTH ☐ e. CHRONIC HEALTH

AVERAGE DAILY AMOUNT	MAXIMUM DAILY AMOUNT	ANNUAL WASTE AMOUNT	STATE WASTE CODE
1.00 (217)	2.00 (218)	(219)	(220)

UNIT* (Check one item only) 221
☒ a. GALLONS ☐ b. CUBIC FEET ☐ c. POUNDS ☐ d. TONS
* If EHS, amount must be in pounds

DAYS ON SITE 222
365

S[illegible]GE CONTAINER [illegible]l that apply) 223

☐ a. ABOVEGROUND TANK	☐ e. PLASTIC DRUM	☐ i. FIBER DRUM	☐ m. GLASS BOTTLE	☐ q. RAIL CAR
☐ b. UNDERGROUND TANK	☒ f. CAN	☐ j. BAG	☐ n. PLASTIC BOTTLE	☐ r. OTHER
☐ c. TANK INSIDE BUILDING	☐ g. CARBOY	☐ k. BOX	☐ o. TOTE BIN	
☐ d. STEEL DRUM	☐ h. SILO	☐ l. CYLINDER	☐ p. TANK WAGON	

STORAGE PRESSURE 224
☒ a. AMBIENT ☐ b. ABOVE AMBIENT ☐ c. BELOW AMBIENT

STORAGE TEMPERATURE 225
☒ a. AMBIENT ☐ b. ABOVE AMBIENT ☐ c. BELOW AMBIENT ☐ d. CRYOGENIC

	%WT	HAZARDOUS COMPONENT (for mixture or waste only)	EHS	CAS#
1	UNK (226)	CHLOROHYDRINS (227)	☒ Yes ☐ No (228)	106-89-8 (229)
2	UNK (230)	SILICA, CRYSTALLINE-QUARTZ (231)	☐ Yes ☒ No (232)	14808-60-7 (233)
3	UNK (234)	TOLUENE (235)	☐ Yes ☒ No (236)	108-88-3 (237)
4	(238)	(239)	☐ Yes ☒ No (240)	(241)
5	(242)	(243)	☐ Yes ☒ No (244)	(245)

If more hazardous components are present at greater than 1% by weight if non-carcinogenic, or 0.1% by weidht if carcinogenic, attach additional sheets of paper capturing the required information:

ADDITIONAL LOCALLY COLLECTED INFORMATION: 246

If EPCRA, Please Sign Here

Unified Program Consolidated Form

HAZARDOUS MATERIALS

HAZARDOUS MATERIALS INVENTORY - CHEMICAL DESCRIPTION

(one page per material per building or area)

☐ ADD ☐ DELETE ☐ REVISE 200 Page 88 of

I. FACILITY INFORMATION

BUSINESS NAME (Same as FACILITY NAME or DBA - Doing Business As) 3
MILPITAS GAS TERMINAL

CHEMICAL LOCATION 201
Building: YARD / Location: PIPING STORAGE AREA

CHEMICAL LOCATION CONFIDENTIAL - EPCRA 202 ☐ Yes ☒ No

FACILITY ID # 1 | MAP # (optional) See figure 2.1 203 | GRID # (optional) E2 204

II. CHEMICAL INFORMATION

CHEMICAL NAME 205

TRADE SECRET 206 ☐ Yes ☒ No
If subject to EPCRA, refer to instructions

COMMON NAME 207
POWERCRETE J PART A

EHS* 208 ☐ Yes ☒ No

CAS # 209

If EHS is 'Yes' all amounts below must be in lbs.

FIRE CODE HAZARD CLASSES (Complete if required by CUPA) 210
Irritants(IR)

HAZARDOUS MATERIAL TYPE (Check one item only) ☐ a. PURE ☒ b. MIXTURE ☐ c. WASTE 211 | RADIOACTIVE ☐ Yes ☒ No 212 | CURIES 213

PHYSICAL STATE (Check one item only) ☒ a. SOLID ☐ b. LIQUID ☐ c. GAS 211 | LARGEST CONTAINER 10.00 215

FED HAZARD CATEGORIES (Check all that apply) ☐ a. FIRE ☐ b. REACTIVE ☐ c. PRESSURE RELEASE ☒ d. ACUTE HEALTH ☐ e. CHRONIC HEALTH 216

AVERAGE DAILY AMOUNT 67.00 217 | MAXIMUM DAILY AMOUNT 100.00 218 | ANNUAL WASTE AMOUNT 219 | STATE WASTE CODE 220

UNIT* (Check one item only) ☐ a. GALLONS ☐ b. CUBIC FEET ☒ c. POUNDS ☐ d. TONS 221
* If EHS, amount must be in pounds

DAYS ON SITE 222
365

STORAGE CONTAINER (Check all that apply) 223

☐ a. ABOVEGROUND TANK	☐ e. PLASTIC DRUM	☐ i. FIBER DRUM	☐ m. GLASS BOTTLE	☐ q. RAIL CAR
☐ b. UNDERGROUND TANK	☐ f. CAN	☐ j. BAG	☒ n. PLASTIC BOTTLE	☐ r. OTHER
☐ c. TANK INSIDE BUILDING	☐ g. CARBOY	☐ k. BOX	☐ o. TOTE BIN	
☐ d. STEEL DRUM	☐ h. SILO	☐ l. CYLINDER	☐ p. TANK WAGON	

STORAGE PRESSURE 224 ☒ a. AMBIENT ☐ b. ABOVE AMBIENT ☐ c. BELOW AMBIENT

STORAGE TEMPERATURE 225 ☒ a. AMBIENT ☐ b. ABOVE AMBIENT ☐ c. BELOW AMBIENT ☐ d. CRYOGENIC

	%WT	HAZARDOUS COMPONENT (for mixture or waste only)	EHS	CAS #
1	226 UNK	227 BISPHENOL A DIGLYCIDYL ETHER RESIN	228 ☐ Yes ☒ No	229 25068-38-6
2	230	231	232 ☐ Yes ☒ No	233
3	234	235	236 ☐ Yes ☒ No	237
4	238	239	240 ☐ Yes ☒ No	241
5	242	243	244 ☐ Yes ☒ No	245

If more hazardous components are present at greater than 1% by weight if non-carcinogenic, or 0.1% by weidht if carcinogenic, attach additional sheets of paper capturing the required information:

ADDITIONAL LOCALLY COLLECTED INFORMATION: 246

If EPCRA, Please Sign Here

HAZARDOUS MATERIALS INVENTORY - CHEMICAL DESCRIPTION

(one page per material per building or area)

☐ ADD ☐ DELETE ☐ REVISE 200

I. FACILITY INFORMATION

BUSINESS NAME (Same as FACILITY NAME or DBA - Doing Business As) 3
MILPITAS GAS TERMINAL

CHEMICAL LOCATION
Building: YARD / Location: PIPING STORAGE AREA

201 CHEMICAL LOCATION CONFIDENTIAL - EPCRA ☐ Yes ☒ No 202

FACILITY ID # 1 MAP # (optional) See figure 2.1 203 GRID # (optional) E2 204

II. CHEMICAL INFORMATION

CHEMICAL NAME 205 TRADE SECRET ☐ Yes ☒ No 206
If subject to EPCRA, refer to instructions

COMMON NAME
STAC PRIME 207 EHS* ☐ Yes ☒ No 208

CAS # 209 If EHS is 'Yes' all amounts below must be in lbs

FIRE CODE HAZARD CLASSES (Complete if required by CUPA) 210
Other Health Hazards(OHH)

HAZARDOUS MATERIAL TYPE (Check one item only) ☐ a. PURE ☒ b. MIXTURE ☐ c. WASTE 211 RADIOACTIVE ☐ Yes ☒ No 212 CURIES 213

PHYSICAL STATE (Check one item only) ☐ a. SOLID ☒ b. LIQUID ☐ c. GAS 211 LARGEST CONTAINER 1.00 215

FED HAZARD CATEGORIES (Check all that apply) ☐ a. FIRE ☐ b. REACTIVE ☐ c. PRESSURE RELEASE ☒ d. ACUTE HEALTH ☐ e. CHRONIC HEALTH 216

AVERAGE DAILY AMOUNT 27.00 217 MAXIMUM DAILY AMOUNT 40.00 218 ANNUAL WASTE AMOUNT 219 STATE WASTE CODE 220

UNIT* (Check one item only) ☒ a. GALLONS ☐ b. CUBIC FEET ☐ c. POUNDS ☐ d. TONS 221 DAYS ON SITE 365 222
* If EHS, amount must be in pounds

GE CONTAINER (Check all that apply) 223

☐ a. ABOVEGROUND TANK	☐ e. PLASTIC DRUM	☐ i. FIBER DRUM	☐ m. GLASS BOTTLE	☐ q. RAIL CAR
☐ b. UNDERGROUND TANK	☐ f. CAN	☐ j. BAG	☒ n. PLASTIC BOTTLE	☐ r. OTHER
☐ c. TANK INSIDE BUILDING	☐ g. CARBOY	☐ k. BOX	☐ o. TOTE BIN	
☐ d. STEEL DRUM	☐ h. SILO	☐ l. CYLINDER	☐ p. TANK WAGON	

STORAGE PRESSURE ☒ a. AMBIENT ☐ b. ABOVE AMBIENT ☐ c. BELOW AMBIENT 224

STORAGE TEMPERATURE ☒ a. AMBIENT ☐ b. ABOVE AMBIENT ☐ c. BELOW AMBIENT ☐ d. CRYOGENIC 225

	%WT	HAZARDOUS COMPONENT (for mixture or waste only)	EHS	CAS #
1	226 UNK	227 NO HAZARDOUS INGREDIENTS PER 29 CFR 1910. 1200	228 ☐ Yes ☒ No	229
2	230	231	232 ☐ Yes ☒ No	233
3	234	235	236 ☐ Yes ☒ No	237
4	238	239	240 ☐ Yes ☒ No	241
5	242	243	244 ☐ Yes ☒ No	245

If more hazardous components are present at greater than 1% by weight if non-carcinogenic, or 0.1% by weidht if carcinogenic, attach additional sheets of paper capturing the required information:

ADDITIONAL LOCALLY COLLECTED INFORMATION: 246

If EPCRA, Please Sign Here

Unified Program Consolidated Form

HAZARDOUS MATERIALS

HAZARDOUS MATERIALS INVENTORY - CHEMICAL DESCRIPTION

(one page per material per building or area)

☐ ADD ☐ DELETE ☐ REVISE 200 Page 90 of

I. FACILITY INFORMATION

BUSINESS NAME (Same as FACILITY NAME or DBA - Doing Business As) 3
MILPITAS GAS TERMINAL

CHEMICAL LOCATION 201
Building: YARD / Location: PIPING STORAGE AREA

CHEMICAL LOCATION CONFIDENTIAL - EPCRA 202 ☐ Yes ☒ No

FACILITY ID # 1 | MAP # (optional) See figure 2.1 203 | GRID # (optional) E2 204

II. CHEMICAL INFORMATION

CHEMICAL NAME 205

TRADE SECRET 206 ☐ Yes ☒ No
If subject to EPCRA, refer to instructions

COMMON NAME 207
WAX-TAPE PRIMER

EHS* 208 ☐ Yes ☒ No

CAS # 209

If EHS is 'Yes' all amounts below must be in lbs.

FIRE CODE HAZARD CLASSES (Complete if required by CUPA) 210
Other Health Hazards(OHH)

HAZARDOUS MATERIAL TYPE (Check one item only) ☐ a. PURE ☒ b. MIXTURE ☐ c. WASTE 211 | RADIOACTIVE ☐ Yes ☒ No 212 | CURIES 213

PHYSICAL STATE (Check one item only) ☐ a. SOLID ☒ b. LIQUID ☐ c. GAS 211 | LARGEST CONTAINER 1.00 215

FED HAZARD CATEGORIES (Check all that apply) ☐ a. FIRE ☐ b. REACTIVE ☐ c. PRESSURE RELEASE ☒ d. ACUTE HEALTH ☐ e. CHRONIC HEALTH 216

AVERAGE DAILY AMOUNT 1.00 217 | MAXIMUM DAILY AMOUNT 1.00 218 | ANNUAL WASTE AMOUNT 219 | STATE WASTE CODE 220

UNIT* (Check one item only) ☒ a. GALLONS ☐ b. CUBIC FEET ☐ c. POUNDS ☐ d. TONS 221 | DAYS ON SITE 365 222
* If EHS, amount must be in pounds

STORAGE CONTAINER (Check all that apply) 223
☐ a. ABOVEGROUND TANK ☐ e. PLASTIC DRUM ☐ i. FIBER DRUM ☐ m. GLASS BOTTLE ☐ q. RAIL CAR
☐ b. UNDERGROUND TANK ☐ f. CAN ☐ j. BAG ☒ n. PLASTIC BOTTLE ☐ r. OTHER
☐ c. TANK INSIDE BUILDING ☐ g. CARBOY ☐ k. BOX ☐ o. TOTE BIN
☐ d. STEEL DRUM ☐ h. SILO ☐ l. CYLINDER ☐ p. TANK WAGON

STORAGE PRESSURE 224 ☒ a. AMBIENT ☐ b. ABOVE AMBIENT ☐ c. BELOW AMBIENT

STORAGE TEMPERATURE 225 ☒ a. AMBIENT ☐ b. ABOVE AMBIENT ☐ c. BELOW AMBIENT ☐ d. CRYOGENIC

	%WT	HAZARDOUS COMPONENT (for mixture or waste only)	EHS	CAS #
1	226 UNK	227 NO HAZARDOUS INGREDIENTS PER 29 CFR 1910. 1200	228 ☐ Yes ☒ No	229
2	230	231	232 ☐ Yes ☒ No	233
3	234	235	236 ☐ Yes ☒ No	237
4	238	239	240 ☐ Yes ☒ No	241
5	242	243	244 ☐ Yes ☒ No	245

If more hazardous components are present at greater than 1% by weight if non-carcinogenic, or 0.1% by weidht if carcinogenic, attach additional sheets of paper capturing the required information:

ADDITIONAL LOCALLY COLLECTED INFORMATION: 246

If EPCRA, Please Sign Here

HAZARDOUS MATERIALS INVENTORY - CHEMICAL DESCRIPTION

(one page per material per building or area)

☐ ADD ☐ DELETE ☐ REVISE 200

I. FACILITY INFORMATION

BUSINESS NAME (Same as FACILITY NAME or DBA - Doing Business As) 3
MILPITAS GAS TERMINAL

CHEMICAL LOCATION 201
Building: BLDG B, MAINT. SHOP / Location: HWAA IN GARAGE

CHEMICAL LOCATION CONFIDENTIAL - EPCRA 202 ☐ Yes ☒ No

FACILITY ID # | MAP # (optional) See figure 2.1 203 | GRID # (optional) ER-D5 204

II. CHEMICAL INFORMATION

CHEMICAL NAME 205

TRADE SECRET 206 ☐ Yes ☒ No
If subject to EPCRA, refer to instructions

COMMON NAME 207
WASTE EMPTY AEROSOLS

EHS* 208 ☐ Yes ☒ No

CAS # 209

If EHS is 'Yes' all amounts below must be in lbs.

FIRE CODE HAZARD CLASSES (Complete if required by CUPA) 210

HAZARDOUS MATERIAL TYPE (Check one item only) ☐ a. PURE ☐ b. MIXTURE ☒ c. WASTE 211
RADIOACTIVE 212 ☐ Yes ☒ No
CURIES 213

PHYSICAL STATE (Check one item only) ☒ a. SOLID ☐ b. LIQUID ☐ c. GAS 211
LARGEST CONTAINER 215
458.15

FED HAZARD CATEGORIES (Check all that apply) 216
☒ a. FIRE ☐ b. REACTIVE ☒ c. PRESSURE RELEASE ☐ d. ACUTE HEALTH ☐ e. CHRONIC HEALTH

AVERAGE DAILY AMOUNT	MAXIMUM DAILY AMOUNT	ANNUAL WASTE AMOUNT	STATE WASTE CODE
30.00 217	120.00 218	0.00 219	343 220

UNIT* (Check one item only) 221
☐ a. GALLONS ☐ b. CUBIC FEET ☒ c. POUNDS ☐ d. TONS
* If EHS, amount must be in pounds

DAYS ON SITE 222
365

STORAGE CONTAINER (Check all that apply) 223

☐ a. ABOVEGROUND TANK	☐ e. PLASTIC DRUM	☐ i. FIBER DRUM	☐ m. GLASS BOTTLE	☐ q. RAIL CAR
☐ b. UNDERGROUND TANK	☐ f. CAN	☐ j. BAG	☐ n. PLASTIC BOTTLE	☐ r. OTHER
☐ c. TANK INSIDE BUILDING	☐ g. CARBOY	☐ k. BOX	☐ o. TOTE BIN	
☒ d. STEEL DRUM	☐ h. SILO	☐ l. CYLINDER	☐ p. TANK WAGON	

STORAGE PRESSURE 224 ☒ a. AMBIENT ☐ b. ABOVE AMBIENT ☐ c. BELOW AMBIENT

STORAGE TEMPERATURE 225 ☒ a. AMBIENT ☐ b. ABOVE AMBIENT ☐ c. BELOW AMBIENT ☐ d. CRYOGENIC

	%WT	HAZARDOUS COMPONENT (for mixture or waste only)	EHS	CAS #
1	1 226	ACETONE 227	☐ Yes ☒ No 228	67-64-1 229
2	1 230	TOLUENE 231	☐ Yes ☒ No 232	108-88-3 233
3	1 234	XYLENE 235	☐ Yes ☒ No 236	1330-20-7 237
4	238	239	☐ Yes ☒ No 240	241
5	242	243	☐ Yes ☒ No 244	245

If more hazardous components are present at greater than 1% by weight if non-carcinogenic, or 0.1% by weidht if carcinogenic, attach additional sheets of paper capturing the required information:

ADDITIONAL LOCALLY COLLECTED INFORMATION: 246

If EPCRA, Please Sign Here

Unified Program Consolidated Form

HAZARDOUS MATERIALS

HAZARDOUS MATERIALS INVENTORY - CHEMICAL DESCRIPTION

(one page per material per building or area)

☐ ADD ☐ DELETE ☐ REVISE 200 Page 92 of

I. FACILITY INFORMATION

BUSINESS NAME (Same as FACILITY NAME or DBA - Doing Business As) 3
MILPITAS GAS TERMINAL

CHEMICAL LOCATION 201
Building: BLDG B, MAINT. SHOP / Location: HWAA IN GARAGE

CHEMICAL LOCATION CONFIDENTIAL - EPCRA 202 ☐ Yes ☒ No

FACILITY ID # | MAP # (optional) See figure 2.1 203 | GRID # (optional) ER-D5 204

II. CHEMICAL INFORMATION

CHEMICAL NAME 205

TRADE SECRET 206 ☐ Yes ☒ No
If subject to EPCRA, refer to instructions

COMMON NAME 207
WASTE SODIUM VAPOR LAMPS

EHS* 208 ☐ Yes ☒ No

CAS # 209

If EHS is 'Yes' all amounts below must be in lbs.

FIRE CODE HAZARD CLASSES (Complete if required by CUPA) 210

HAZARDOUS MATERIAL TYPE (Check one item only) ☐ a. PURE ☐ b. MIXTURE ☒ c. WASTE 211 | RADIOACTIVE ☐ Yes ☒ No 212 | CURIES 213

PHYSICAL STATE (Check one item only) ☒ a. SOLID ☐ b. LIQUID ☐ c. GAS 211 | LARGEST CONTAINER 41.65 215

FED HAZARD CATEGORIES (Check all that apply) ☐ a. FIRE ☐ b. REACTIVE ☐ c. PRESSURE RELEASE ☒ d. ACUTE HEALTH ☐ e. CHRONIC HEALTH 216

AVERAGE DAILY AMOUNT	MAXIMUM DAILY AMOUNT	ANNUAL WASTE AMOUNT	STATE WASTE CODE
10.00 217	40.00 218	0.00 219	181 220

UNIT* (Check one item only) ☐ a. GALLONS ☐ b. CUBIC FEET ☒ c. POUNDS ☐ d. TONS
* If EHS, amount must be in pounds
221 DAYS ON SITE 365 222

STORAGE CONTAINER (Check all that apply) 223

☐ a. ABOVEGROUND TANK	☐ e. PLASTIC DRUM	☐ i. FIBER DRUM	☐ m. GLASS BOTTLE	☐ q. RAIL CAR
☐ b. UNDERGROUND TANK	☒ f. CAN	☐ j. BAG	☐ n. PLASTIC BOTTLE	☐ r. OTHER
☐ c. TANK INSIDE BUILDING	☐ g. CARBOY	☐ k. BOX	☐ o. TOTE BIN	
☐ d. STEEL DRUM	☐ h. SILO	☐ l. CYLINDER	☐ p. TANK WAGON	

STORAGE PRESSURE 224 ☒ a. AMBIENT ☐ b. ABOVE AMBIENT ☐ c. BELOW AMBIENT

STORAGE TEMPERATURE 225 ☒ a. AMBIENT ☐ b. ABOVE AMBIENT ☐ c. BELOW AMBIENT ☐ d. CRYOGENIC

	%WT	HAZARDOUS COMPONENT (for mixture or waste only)	EHS	CAS #
1	226 100	227 WASTE SODIUM VAPOR LAMPS	228 ☐ Yes ☒ No	229
2	230	231	232 ☐ Yes ☒ No	233
3	234	235	236 ☐ Yes ☒ No	237
4	238	239	240 ☐ Yes ☒ No	241
5	242	243	244 ☐ Yes ☒ No	245

If more hazardous components are present at greater than 1% by weight if non-carcinogenic, or 0.1% by weidht if carcinogenic, attach additional sheets of paper capturing the required information:

ADDITIONAL LOCALLY COLLECTED INFORMATION: 246

If EPCRA, Please Sign Here

HAZARDOUS MATERIALS INVENTORY - CHEMICAL DESCRIPTION

(one page per material per building or area)

☐ ADD ☐ DELETE ☐ REVISE 200

I. FACILITY INFORMATION

BUSINESS NAME (Same as FACILITY NAME or DBA - Doing Business As) 3
MILPITAS GAS TERMINAL

CHEMICAL LOCATION: Building: BLDG B, MAINT. SHOP / Location: HWAA IN GARAGE; Bldg: YARD / Loc:HAZ MAT/WASTE STO BLDG A — 201

CHEMICAL LOCATION CONFIDENTIAL - EPCRA: ☐ Yes ☒ No — 202

FACILITY ID # — 1

MAP # (optional): See figure 2.1 — 203

GRID # (optional): ER-D5,C4 — 204

II. CHEMICAL INFORMATION

CHEMICAL NAME — 205

TRADE SECRET: ☐ Yes ☒ No — 206
If subject to EPCRA, refer to instructions

COMMON NAME — 207
WASTE WET CELL BATTERIES

EHS*: ☐ Yes ☒ No — 208

CAS # — 209

If EHS is Yes, all amounts below must be in lbs.

FIRE CODE HAZARD CLASSES (Complete if required by CUPA) — 210

HAZARDOUS MATERIAL TYPE (Check one item only): ☐ a. PURE ☐ b. MIXTURE ☒ c. WASTE — 211

RADIOACTIVE: ☐ Yes ☒ No — 212

CURIES — 213

PHYSICAL STATE (Check one item only): ☒ a. SOLID ☐ b. LIQUID ☐ c. GAS — 211

LARGEST CONTAINER: 458.15 — 215

FED HAZARD CATEGORIES (Check all that apply): ☐ a. FIRE ☐ b. REACTIVE ☐ c. PRESSURE RELEASE ☒ d. ACUTE HEALTH ☐ e. CHRONIC HEALTH — 216

AVERAGE DAILY AMOUNT	MAXIMUM DAILY AMOUNT	ANNUAL WASTE AMOUNT	STATE WASTE CODE
30.00 — 217	115.00 — 218	0.00 — 219	181 — 220

UNIT* (Check one item only): ☐ a. GALLONS ☐ b. CUBIC FEET ☒ c. POUNDS ☐ d. TONS — 221
* If EHS, amount must be in pounds

DAYS ON SITE: 365 — 222

STORAGE CONTAINER (Check all that apply) — 223

☐ a. ABOVEGROUND TANK	☐ e. PLASTIC DRUM	☐ i. FIBER DRUM	☐ m. GLASS BOTTLE	☐ q. RAIL CAR
☐ b. UNDERGROUND TANK	☒ f. CAN	☐ j. BAG	☐ n. PLASTIC BOTTLE	☐ r. OTHER
☐ c. TANK INSIDE BUILDING	☐ g. CARBOY	☐ k. BOX	☐ o. TOTE BIN	
☒ d. STEEL DRUM	☐ h. SILO	☐ l. CYLINDER	☐ p. TANK WAGON	

STORAGE PRESSURE: ☒ a. AMBIENT ☐ b. ABOVE AMBIENT ☐ c. BELOW AMBIENT — 224

STORAGE TEMPERATURE: ☒ a. AMBIENT ☐ b. ABOVE AMBIENT ☐ c. BELOW AMBIENT ☐ d. CRYOGENIC — 225

	%WT	HAZARDOUS COMPONENT (for mixture or waste only)	EHS	CAS #
1	UNK — 226	LEAD — 227	☐ Yes ☒ No — 228	7439-92-1 — 229
2	UNK — 230	SULFURIC ACID — 231	☒ Yes ☐ No — 232	7664-93-9 — 233
3	234	235	☐ Yes ☒ No — 236	237
4	238	239	☐ Yes ☒ No — 240	241
5	242	243	☐ Yes ☒ No — 244	245

If more hazardous components are present at greater than 1% by weight if non-carcinogenic, or 0.1% by weidht if carcinogenic, attach additional sheets of paper capturing the required information:

ADDITIONAL LOCALLY COLLECTED INFORMATION: — 246

If EPCRA, Please Sign Here

Unified Program Consolidated Form

HAZARDOUS MATERIALS

HAZARDOUS MATERIALS INVENTORY - CHEMICAL DESCRIPTION

(one page per material per building or area)

☐ ADD ☐ DELETE ☐ REVISE 200 Page 94 of

I. FACILITY INFORMATION

BUSINESS NAME (Same as FACILITY NAME or DBA - Doing Business As) 3
MILPITAS GAS TERMINAL

CHEMICAL LOCATION 201
Building: YARD / Location: HAZ MAT/WASTE STO BLDG A

CHEMICAL LOCATION CONFIDENTIAL - EPCRA 202 ☐ Yes ☒ No

FACILITY ID # 1 | MAP # (optional) See figure 2.1 203 | GRID # (optional) C4 204

II. CHEMICAL INFORMATION

CHEMICAL NAME 205

TRADE SECRET 206 ☐ Yes ☒ No
If subject to EPCRA, refer to instructions

COMMON NAME 207
USED OIL FOR RECYCLING

EHS* 208 ☐ Yes ☒ No

CAS # 209

If EHS is Yes, all amounts below must be in lbs.

FIRE CODE HAZARD CLASSES (Complete if required by CUPA) 210
Combustible Liquid(CL3B)

HAZARDOUS MATERIAL TYPE (Check one item only) ☐ a. PURE ☐ b. MIXTURE ☒ c. WASTE
211 RADIOACTIVE ☐ Yes ☒ No
212 CURIES 213

PHYSICAL STATE (Check one item only) ☐ a. SOLID ☒ b. LIQUID ☐ c. GAS
211 LARGEST CONTAINER 55.00 215

FED HAZARD CATEGORIES (Check all that apply) ☐ a. FIRE ☐ b. REACTIVE ☐ c. PRESSURE RELEASE ☒ d. ACUTE HEALTH ☐ e. CHRONIC HEALTH 216

AVERAGE DAILY AMOUNT 14.00 217 | MAXIMUM DAILY AMOUNT 55.00 218 | ANNUAL WASTE AMOUNT 0.00 219 | STATE WASTE CODE 223 220

UNIT* (Check one item only) ☒ a. GALLONS ☐ b. CUBIC FEET ☐ c. POUNDS ☐ d. TONS
* If EHS, amount must be in pounds
221 DAYS ON SITE 365 222

STORAGE CONTAINER (Check all that apply) 223

☐ a. ABOVEGROUND TANK	☐ e. PLASTIC DRUM	☐ i. FIBER DRUM	☐ m. GLASS BOTTLE	☐ q. RAIL CAR
☐ b. UNDERGROUND TANK	☐ f. CAN	☐ j. BAG	☐ n. PLASTIC BOTTLE	☐ r. OTHER
☐ c. TANK INSIDE BUILDING	☐ g. CARBOY	☐ k. BOX	☐ o. TOTE BIN	
☒ d. STEEL DRUM	☐ h. SILO	☐ l. CYLINDER	☐ p. TANK WAGON	

STORAGE PRESSURE ☒ a. AMBIENT ☐ b. ABOVE AMBIENT ☐ c. BELOW AMBIENT 224

STORAGE TEMPERATURE ☒ a. AMBIENT ☐ b. ABOVE AMBIENT ☐ c. BELOW AMBIENT ☐ d. CRYOGENIC 225

	%WT	HAZARDOUS COMPONENT (for mixture or waste only)	EHS	CAS #
1	226 50	227 HYDROTREATED HEAVY PARAFFINIC DISTILLATE	228 ☐ Yes ☒ No	229 64742-54-7
2	230 50	231 SOLVENT-DEWAXED HEAVY PARAFFINIC DISTILLATE	232 ☐ Yes ☒ No	233 64742-65-0
3	234 50	235 SOLVENT-REFINED LIGHT NAPHTHENIC DISTILLATE	236 ☐ Yes ☒ No	237 64741-97-5
4	238	239	240 ☐ Yes ☒ No	241
5	242	243	244 ☐ Yes ☒ No	245

If more hazardous components are present at greater than 1% by weight if non-carcinogenic, or 0.1% by weidht if carcinogenic, attach additional sheets of paper capturing the required information:

ADDITIONAL LOCALLY COLLECTED INFORMATION: 246

If EPCRA, Please Sign Here

HAZARDOUS MATERIALS INVENTORY - CHEMICAL DESCRIPTION

(one page per material per building or area)

☐ ADD ☐ DELETE ☐ REVISE 200

I. FACILITY INFORMATION

BUSINESS NAME (Same as FACILITY NAME or DBA - Doing Business As) 3
MILPITAS GAS TERMINAL

CHEMICAL LOCATION 201
Building: YARD / Location: HAZ MAT/WASTE STO BLDG A

CHEMICAL LOCATION CONFIDENTIAL - EPCRA 202 ☐ Yes ☒ No

FACILITY ID # | MAP # (optional) See figure 2.1 203 | GRID # (optional) C4 204

II. CHEMICAL INFORMATION

CHEMICAL NAME 205

TRADE SECRET 206 ☐ Yes ☒ No
If subject to EPCRA, refer to instructions

COMMON NAME 207
WASTE ANTIFREEZE

EHS* 208 ☐ Yes ☒ No

CAS # 209

If EHS is 'Yes' all amounts below must be in lbs.

FIRE CODE HAZARD CLASSES (Complete if required by CUPA) 210

HAZARDOUS MATERIAL TYPE (Check one item only) ☐ a. PURE ☐ b. MIXTURE ☒ c. WASTE

211 RADIOACTIVE ☐ Yes ☒ No

212 CURIES 213

PHYSICAL STATE (Check one item only) ☐ a. SOLID ☒ b. LIQUID ☐ c. GAS

211 LARGEST CONTAINER 215
55.00

FED HAZARD CATEGORIES (Check all that apply) 216
☐ a. FIRE ☐ b. REACTIVE ☐ c. PRESSURE RELEASE ☐ d. ACUTE HEALTH ☐ e. CHRONIC HEALTH

AVERAGE DAILY AMOUNT	217 MAXIMUM DAILY AMOUNT	218 ANNUAL WASTE AMOUNT	219 STATE WASTE CODE	220
37.00	55.00	58.00	343	

UNIT* (Check one item only) ☒ a. GALLONS ☐ b. CUBIC FEET ☐ c. POUNDS ☐ d. TONS
* If EHS, amount must be in pounds

221 DAYS ON SITE 222
365

STORAGE CONTAINER (Check all that apply) 223

☐ a. ABOVEGROUND TANK	☐ e. PLASTIC DRUM	☐ i. FIBER DRUM	☐ m. GLASS BOTTLE	☐ q. RAIL CAR
☐ b. UNDERGROUND TANK	☐ f. CAN	☐ j. BAG	☐ n. PLASTIC BOTTLE	☐ r. OTHER
☐ c. TANK INSIDE BUILDING	☐ g. CARBOY	☐ k. BOX	☐ o. TOTE BIN	
☒ d. STEEL DRUM	☐ h. SILO	☐ l. CYLINDER	☐ p. TANK WAGON	

STORAGE PRESSURE 224 ☒ a. AMBIENT ☐ b. ABOVE AMBIENT ☐ c. BELOW AMBIENT

STORAGE TEMPERATURE 225 ☒ a. AMBIENT ☐ b. ABOVE AMBIENT ☐ c. BELOW AMBIENT ☐ d. CRYOGENIC

	%WT	HAZARDOUS COMPONENT (for mixture or waste only)	EHS	CAS #
1	226 50	227 ETHYLENE GLYCOL	228 ☐ Yes ☒ No	229 107-21-1
2	230	231	232 ☐ Yes ☒ No	233
3	234	235	236 ☐ Yes ☒ No	237
4	238	239	240 ☐ Yes ☒ No	241
5	242	243	244 ☐ Yes ☒ No	245

If more hazardous components are present at greater than 1% by weight if non-carcinogenic, or 0.1% by weidht if carcinogenic, attach additional sheets of paper capturing the required information:

ADDITIONAL LOCALLY COLLECTED INFORMATION: 246

If EPCRA, Please Sign Here

Unified Program Consolidated Form

HAZARDOUS MATERIALS

HAZARDOUS MATERIALS INVENTORY - CHEMICAL DESCRIPTION

(one page per material per building or area)

☐ ADD ☐ DELETE ☐ REVISE 200 Page 96 of

I. FACILITY INFORMATION

BUSINESS NAME (Same as FACILITY NAME or DBA - Doing Business As) 3
MILPITAS GAS TERMINAL

CHEMICAL LOCATION 201
Building: YARD / Location: HAZ MAT/WASTE STO BLDG A

CHEMICAL LOCATION CONFIDENTIAL - EPCRA 202 ☐ Yes ☒ No

FACILITY ID # | MAP # (optional) See figure 2.1 203 | GRID # (optional) C4 204

II. CHEMICAL INFORMATION

CHEMICAL NAME 205

TRADE SECRET 206 ☐ Yes ☒ No
If subject to EPCRA, refer to instructions

COMMON NAME 207
WASTE EMPTY CONTAINERS LESS THAN 30 GALLONS

EHS* 208 ☐ Yes ☒ No

CAS # 209

If EHS is 'Yes' all amounts below must be in lbs.

FIRE CODE HAZARD CLASSES (Complete if required by CUPA) 210

HAZARDOUS MATERIAL TYPE (Check one item only) ☐ a. PURE ☐ b. MIXTURE ☒ c. WASTE 211
RADIOACTIVE 212 ☐ Yes ☒ No
CURIES 213

PHYSICAL STATE (Check one item only) ☒ a. SOLID ☐ b. LIQUID ☐ c. GAS 211
LARGEST CONTAINER 215
458.15

FED HAZARD CATEGORIES (Check all that apply) 216 ☐ a. FIRE ☐ b. REACTIVE ☐ c. PRESSURE RELEASE ☐ d. ACUTE HEALTH ☐ e. CHRONIC HEALTH

AVERAGE DAILY AMOUNT	MAXIMUM DAILY AMOUNT	ANNUAL WASTE AMOUNT	STATE WASTE CODE
27.00 (217)	110.00 (218)	60.00 (219)	513 (220)

UNIT* (Check one item only) 221 ☐ a. GALLONS ☐ b. CUBIC FEET ☒ c. POUNDS ☐ d. TONS
* If EHS, amount must be in pounds

DAYS ON SITE 222
365

STORAGE CONTAINER (Check all that apply) 223

☐ a. ABOVEGROUND TANK	☐ e. PLASTIC DRUM	☐ i. FIBER DRUM	☐ m. GLASS BOTTLE	☐ q. RAIL CAR
☐ b. UNDERGROUND TANK	☐ f. CAN	☐ j. BAG	☐ n. PLASTIC BOTTLE	☐ r. OTHER
☐ c. TANK INSIDE BUILDING	☐ g. CARBOY	☐ k. BOX	☐ o. TOTE BIN	
☒ d. STEEL DRUM	☐ h. SILO	☐ l. CYLINDER	☐ p. TANK WAGON	

STORAGE PRESSURE 224 ☒ a. AMBIENT ☐ b. ABOVE AMBIENT ☐ c. BELOW AMBIENT

STORAGE TEMPERATURE 225 ☒ a. AMBIENT ☐ b. ABOVE AMBIENT ☐ c. BELOW AMBIENT ☐ d. CRYOGENIC

	%WT	HAZARDOUS COMPONENT (for mixture or waste only)	EHS	CAS #
1	99 (226)	WASTE EMPTY CONTAINERS (227)	☐ Yes ☒ No (228)	(229)
2	(230)	(231)	☐ Yes ☒ No (232)	(233)
3	(234)	(235)	☐ Yes ☒ No (236)	(237)
4	(238)	(239)	☐ Yes ☒ No (240)	(241)
5	(242)	(243)	☐ Yes ☒ No (244)	(245)

If more hazardous components are present at greater than 1% by weight if non-carcinogenic, or 0.1% by weidht if carcinogenic, attach additional sheets of paper capturing the required information:

ADDITIONAL LOCALLY COLLECTED INFORMATION: 246

If EPCRA, Please Sign Here

Unified Program Consolidated Form

HAZARDOUS MATERIALS

HAZARDOUS MATERIALS INVENTORY - CHEMICAL DESCRIPTION

(one page per material per building or area)

☐ ADD ☐ DELETE ☐ REVISE 200

I. FACILITY INFORMATION

BUSINESS NAME (Same as FACILITY NAME or DBA - Doing Business As) 3
MILPITAS GAS TERMINAL

CHEMICAL LOCATION 201
Building: YARD / Location: HAZ MAT/WASTE STO BLDG A

CHEMICAL LOCATION CONFIDENTIAL - EPCRA 202 ☐ Yes ☒ No

FACILITY ID # 1 MAP # (optional) See figure 2.1 203 GRID # (optional) C4 204

II. CHEMICAL INFORMATION

CHEMICAL NAME 205

TRADE SECRET 206 ☐ Yes ☒ No
If subject to EPCRA, refer to instructions

COMMON NAME 207
WASTE GASOLINE, DIESEL, AND WATER MIXTURE

EHS* 208 ☐ Yes ☒ No

CAS # 209

If EHS is Yes, all amounts below must be in lbs.

FIRE CODE HAZARD CLASSES (Complete if required by CUPA) 210
Combustible Liquid(CL3B)

HAZARDOUS MATERIAL TYPE (Check one item only) ☐ a. PURE ☐ b. MIXTURE ☒ c. WASTE 211

RADIOACTIVE 212 ☐ Yes ☒ No

CURIES 213

PHYSICAL STATE (Check one item only) ☐ a. SOLID ☒ b. LIQUID ☐ c. GAS 211

LARGEST CONTAINER 215
55.00

FED HAZARD CATEGORIES (Check all that apply) 216 ☒ a. FIRE ☐ b. REACTIVE ☐ c. PRESSURE RELEASE ☐ d. ACUTE HEALTH ☐ e. CHRONIC HEALTH

AVERAGE DAILY AMOUNT	MAXIMUM DAILY AMOUNT	ANNUAL WASTE AMOUNT	STATE WASTE CODE
14.00 (217)	55.00 (218)	0.00 (219)	343 (220)

UNIT* (Check one item only) ☒ a. GALLONS ☐ b. CUBIC FEET ☐ c. POUNDS ☐ d. TONS 221
* If EHS, amount must be in pounds

DAYS ON SITE 222
365

STORAGE CONTAINER (Check all that apply) 223

☐ a. ABOVEGROUND TANK	☐ e. PLASTIC DRUM	☐ i. FIBER DRUM	☐ m. GLASS BOTTLE	☐ q. RAIL CAR
☐ b. UNDERGROUND TANK	☐ f. CAN	☐ j. BAG	☐ n. PLASTIC BOTTLE	☐ r. OTHER
☐ c. TANK INSIDE BUILDING	☐ g. CARBOY	☐ k. BOX	☐ o. TOTE BIN	
☒ d. STEEL DRUM	☐ h. SILO	☐ l. CYLINDER	☐ p. TANK WAGON	

STORAGE PRESSURE 224 ☒ a. AMBIENT ☐ b. ABOVE AMBIENT ☐ c. BELOW AMBIENT

STORAGE TEMPERATURE 225 ☒ a. AMBIENT ☐ b. ABOVE AMBIENT ☐ c. BELOW AMBIENT ☐ d. CRYOGENIC

	%WT	HAZARDOUS COMPONENT (for mixture or waste only)	EHS	CAS #
1	95 (226)	FUELS, DIESEL, NO. 2 (227)	☐ Yes ☒ No (228)	68476-34-6 (229)
2	4 (230)	M-XYLENE (231)	☐ Yes ☒ No (232)	108-38-3 (233)
3	14 (234)	METHYL TERT-BUTYL ETHER (235)	☐ Yes ☒ No (236)	1634-04-4 (237)
4	(238)	(239)	☐ Yes ☒ No (240)	(241)
5	(242)	(243)	☐ Yes ☒ No (244)	(245)

If more hazardous components are present at greater than 1% by weight if non-carcinogenic, or 0.1% by weidht if carcinogenic, attach additional sheets of paper capturing the required information:

ADDITIONAL LOCALLY COLLECTED INFORMATION: 246

If EPCRA, Please Sign Here

Unified Program Consolidated Form

HAZARDOUS MATERIALS

HAZARDOUS MATERIALS INVENTORY - CHEMICAL DESCRIPTION

(one page per material per building or area)

☐ ADD ☐ DELETE ☐ REVISE 200 Page 98 of

I. FACILITY INFORMATION

BUSINESS NAME (Same as FACILITY NAME or DBA - Doing Business As) 3
MILPITAS GAS TERMINAL

CHEMICAL LOCATION 201
Building: YARD / Location: HAZ MAT/WASTE STO BLDG A

CHEMICAL LOCATION CONFIDENTIAL - EPCRA 202 ☐ Yes ☒ No

FACILITY ID # 1 MAP # (optional) See figure 2.1 203 GRID # (optional) C4 204

II. CHEMICAL INFORMATION

CHEMICAL NAME 205

TRADE SECRET 206 ☐ Yes ☒ No
If subject to EPCRA, refer to instructions

COMMON NAME 207
WASTE OILY RAGS

EHS* 208 ☐ Yes ☒ No

CAS # 209

If EHS is Yes, all amounts below must be in lbs.

FIRE CODE HAZARD CLASSES (Complete if required by CUPA) 210

HAZARDOUS MATERIAL TYPE (Check one item only) ☐ a. PURE ☐ b. MIXTURE ☒ c. WASTE 211 RADIOACTIVE ☐ Yes ☒ No 212 CURIES 213

PHYSICAL STATE (Check one item only) ☒ a. SOLID ☐ b. LIQUID ☐ c. GAS 211 LARGEST CONTAINER 458.15 215

FED HAZARD CATEGORIES (Check all that apply) ☐ a. FIRE ☐ b. REACTIVE ☐ c. PRESSURE RELEASE ☐ d. ACUTE HEALTH ☐ e. CHRONIC HEALTH 216

AVERAGE DAILY AMOUNT 60.00 217 MAXIMUM DAILY AMOUNT 240.00 218 ANNUAL WASTE AMOUNT 0.00 219 STATE WASTE CODE 221 220

UNIT* (Check one item only) ☐ a. GALLONS ☐ b. CUBIC FEET ☒ c. POUNDS ☐ d. TONS 221
* If EHS, amount must be in pounds

DAYS ON SITE 365 222

STORAGE CONTAINER (Check all that apply) 223
☐ a. ABOVEGROUND TANK ☐ e. PLASTIC DRUM ☐ i. FIBER DRUM ☐ m. GLASS BOTTLE ☐ q. RAIL CAR
☐ b. UNDERGROUND TANK ☐ f. CAN ☐ j. BAG ☐ n. PLASTIC BOTTLE ☐ r. OTHER
☐ c. TANK INSIDE BUILDING ☐ g. CARBOY ☐ k. BOX ☐ o. TOTE BIN
☒ d. STEEL DRUM ☐ h. SILO ☐ l. CYLINDER ☐ p. TANK WAGON

STORAGE PRESSURE 224 ☒ a. AMBIENT ☐ b. ABOVE AMBIENT ☐ c. BELOW AMBIENT

STORAGE TEMPERATURE 225 ☒ a. AMBIENT ☐ b. ABOVE AMBIENT ☐ c. BELOW AMBIENT ☐ d. CRYOGENIC

	%WT	HAZARDOUS COMPONENT (for mixture or waste only)	EHS	CAS #
1	226 10	227 HYDROTREATED HEAVY NAPHTHENIC DISTILLATE	228 ☐ Yes ☒ No	229 64742-52-5
2	230	231	232 ☐ Yes ☒ No	233
3	234	235	236 ☐ Yes ☒ No	237
4	238	239	240 ☐ Yes ☒ No	241
5	242	243	244 ☐ Yes ☒ No	245

If more hazardous components are present at greater than 1% by weight if non-carcinogenic, or 0.1% by weidht if carcinogenic, attach additional sheets of paper capturing the required information:

ADDITIONAL LOCALLY COLLECTED INFORMATION: 246

If EPCRA, Please Sign Here

UF (1/99) OES FORM 2731 (1/99)

HAZARDOUS MATERIALS INVENTORY - CHEMICAL DESCRIPTION

(one page per material per building or area)

☐ ADD ☐ DELETE ☐ REVISE 200

I. FACILITY INFORMATION

BUSINESS NAME (Same as FACILITY NAME or DBA - Doing Business As) 3
MILPITAS GAS TERMINAL

CHEMICAL LOCATION 201
Building: YARD / Location: HAZ MAT/WASTE STO BLDG A

CHEMICAL LOCATION CONFIDENTIAL - EPCRA 202 ☐ Yes ☒ No

FACILITY ID # 1 | MAP # (optional) See figure 2.1 203 | GRID # (optional) C4 204

II. CHEMICAL INFORMATION

CHEMICAL NAME 205

TRADE SECRET 206 ☐ Yes ☒ No
If subject to EPCRA, refer to instructions

COMMON NAME 207
WASTE PAINT RELATED MATERIAL

EHS* 208 ☐ Yes ☒ No

CAS # 209

If EHS is Yes, all amounts below must be in lbs.

FIRE CODE HAZARD CLASSES (Complete if required by CUPA) 210
Flammable Liquid(FL1A)

HAZARDOUS MATERIAL TYPE (Check one item only) ☐ a. PURE ☐ b. MIXTURE ☒ c. WASTE 211 | RADIOACTIVE ☐ Yes ☒ No 212 | CURIES 213

PHYSICAL STATE (Check one item only) ☒ a. SOLID ☐ b. LIQUID ☐ c. GAS 211 | LARGEST CONTAINER 458.15 215

FED HAZARD CATEGORIES (Check all that apply) ☒ a. FIRE ☐ b. REACTIVE ☐ c. PRESSURE RELEASE ☐ d. ACUTE HEALTH ☐ e. CHRONIC HEALTH 216

AVERAGE DAILY AMOUNT	MAXIMUM DAILY AMOUNT	ANNUAL WASTE AMOUNT	STATE WASTE CODE
35.00 217	140.00 218	140.00 219	331 220

UNIT* (Check one item only) ☐ a. GALLONS ☐ b. CUBIC FEET ☒ c. POUNDS ☐ d. TONS
* If EHS, amount must be in pounds

221 DAYS ON SITE 365 222

S[illegible]GE CONTAINER (Check all that apply) 223

☐ a. ABOVEGROUND TANK	☐ e. PLASTIC DRUM	☐ i. FIBER DRUM	☐ m. GLASS BOTTLE	☐ q. RAIL CAR
☐ b. UNDERGROUND TANK	☐ f. CAN	☐ j. BAG	☐ n. PLASTIC BOTTLE	☐ r. OTHER
☐ c. TANK INSIDE BUILDING	☐ g. CARBOY	☐ k. BOX	☐ o. TOTE BIN	
☒ d. STEEL DRUM	☐ h. SILO	☐ l. CYLINDER	☐ p. TANK WAGON	

STORAGE PRESSURE 224 ☒ a. AMBIENT ☐ b. ABOVE AMBIENT ☐ c. BELOW AMBIENT

STORAGE TEMPERATURE 225 ☒ a. AMBIENT ☐ b. ABOVE AMBIENT ☐ c. BELOW AMBIENT ☐ d. CRYOGENIC

	%WT	HAZARDOUS COMPONENT (for mixture or waste only)	EHS	CAS #
1	10 226	ACETONE 227	☐ Yes ☒ No 228	67-64-1 229
2	10 230	TOLUENE 231	☐ Yes ☒ No 232	108-88-3 233
3	10 234	XYLENE 235	☐ Yes ☒ No 236	1330-20-7 237
4	238	239	☐ Yes ☒ No 240	241
5	242	243	☐ Yes ☒ No 244	245

If more hazardous components are present at greater than 1% by weight if non-carcinogenic, or 0.1% by weidht if carcinogenic, attach additional sheets of paper capturing the required information:

ADDITIONAL LOCALLY COLLECTED INFORMATION: 246

If EPCRA, Please Sign Here

Unified Program Consolidated Form

HAZARDOUS MATERIALS

HAZARDOUS MATERIALS INVENTORY - CHEMICAL DESCRIPTION

(one page per material per building or area)

☐ ADD ☐ DELETE ☐ REVISE 200 Page 100 of

I. FACILITY INFORMATION

BUSINESS NAME (Same as FACILITY NAME or DBA - Doing Business As) 3
MILPITAS GAS TERMINAL

CHEMICAL LOCATION 201
Building: YARD / Location: HAZ MAT/WASTE STO BLDG A

CHEMICAL LOCATION CONFIDENTIAL - EPCRA 202 ☐ Yes ☒ No

FACILITY ID # 1

MAP # (optional) See figure 2.1 203

GRID # (optional) C4 204

II. CHEMICAL INFORMATION

CHEMICAL NAME 205

TRADE SECRET 206 ☐ Yes ☒ No
If subject to EPCRA, refer to instructions

COMMON NAME 207
WASTE SOIL/DEBRIS WITH OIL, DIESEL FUEL, AND TPH

EHS* 208 ☐ Yes ☒ No

CAS # 209

If EHS is 'Yes' all amounts below must be in lbs.

FIRE CODE HAZARD CLASSES (Complete if required by CUPA) 210

HAZARDOUS MATERIAL TYPE (Check one item only) ☐ a. PURE ☐ b. MIXTURE ☒ c. WASTE 211

RADIOACTIVE 212 ☐ Yes ☒ No

CURIES 213

PHYSICAL STATE (Check one item only) ☒ a. SOLID ☐ b. LIQUID ☐ c. GAS 211

LARGEST CONTAINER 215
458.15

FED HAZARD CATEGORIES (Check all that apply) 216 ☐ a. FIRE ☐ b. REACTIVE ☐ c. PRESSURE RELEASE ☐ d. ACUTE HEALTH ☐ e. CHRONIC HEALTH

AVERAGE DAILY AMOUNT	MAXIMUM DAILY AMOUNT	ANNUAL WASTE AMOUNT	STATE WASTE CODE
65.00 217	260.00 218	420.00 219	223 220

UNIT* (Check one item only) ☐ a. GALLONS ☐ b. CUBIC FEET ☒ c. POUNDS ☐ d. TONS 221
* If EHS, amount must be in pounds

DAYS ON SITE 222
365

STORAGE CONTAINER (Check all that apply) 22

☐ a. ABOVEGROUND TANK	☐ e. PLASTIC DRUM	☐ i. FIBER DRUM	☐ m. GLASS BOTTLE	☐ q. RAIL CAR
☐ b. UNDERGROUND TANK	☐ f. CAN	☐ j. BAG	☐ n. PLASTIC BOTTLE	☐ r. OTHER
☐ c. TANK INSIDE BUILDING	☐ g. CARBOY	☐ k. BOX	☐ o. TOTE BIN	
☒ d. STEEL DRUM	☐ h. SILO	☐ l. CYLINDER	☐ p. TANK WAGON	

STORAGE PRESSURE 224 ☒ a. AMBIENT ☐ b. ABOVE AMBIENT ☐ c. BELOW AMBIENT

STORAGE TEMPERATURE 225 ☒ a. AMBIENT ☐ b. ABOVE AMBIENT ☐ c. BELOW AMBIENT ☐ d. CRYOGENIC

	% WT	HAZARDOUS COMPONENT (for mixture or waste only)	EHS	CAS #
1	5 226	DIESEL FUEL NO. 2 227	☐ Yes ☒ No 228	68476-34-6 229
2	5 230	HYDROCARBON MIXTURE 231	☐ Yes ☒ No 232	233
3	5 234	HYDROTREATED HEAVY NAPHTHENIC DISTILLATE 235	☐ Yes ☒ No 236	64742-52-5 237
4	238	239	☐ Yes ☒ No 240	241
5	242	243	☐ Yes ☒ No 244	245

If more hazardous components are present at greater than 1% by weight if non-carcinogenic, or 0.1% by weidht if carcinogenic, attach additional sheets of paper capturing the required information:

ADDITIONAL LOCALLY COLLECTED INFORMATION: 246

If EPCRA, Please Sign Here

MILPITAS FIRE DEPARTMENT
HAZARDOUS MATERIALS & ENVIRONMENTAL SERVICES UNIT
HAZARDOUS MATERIALS INSPECTION REPORT
CALIFORNIA FIRE CODE, 2001
MILPITAS MUNICIPAL CODE, TITLE V, CHAPTER 300

Fire Department Number
84-0043

Inspection Date 05/24/06

PACIFIC GAS & ELECTRIC CO.
00066 Ranch Dr
Milpitas, Ca 95035

Nacho Perez (925) 974 - 4083 ext.
Contact Phone Number

Permitted Activities:

HM											

MRI	KX	EL	FA	HS	HD	OS	SS
	KX		FA			OS	

The Milpitas Fire Department conducted a Hazardous Materials inspection at the above address. This notice identifies code violations and the minimum requirements necessary to comply. Items marked with an "X" below will require your attention to come into compliance. Additional information may be written on this notice by the Inspector to provide you with direction for compliance.

		Date Abated
☐	1. Storage cabinets for flammable or combustible liquids shall have well fitted, self closing doors with a latching device; labeled "FLAMMABLE-KEEP FIRE AWAY"; bottom 2 inches liquid tight. [CFC 7902.5.9.3]	
☐	2. All flammable and combustible liquids in excess of maintenance and work station amounts (10 gallons) shall be located in an approved storage cabinet. Volumes stored shall not exceed those permitted by the Fire Code. [CFC 7902.5.8]	
☐	3. Empty tanks and containers previously used for flammable and combustible liquids unless free from explosive vapors, shall be stored as full with cover or plugs in place. [CFC 7902.5.3]	
☐	4. Storage of class I, II, or IIIA liquids shall not be near exit doorways, stairways or a location which may impede egress. [CFC 7902.5.5]	
☐	5. Dispensing of class I liquids is only allowed from approved safety cans or original containers. [CFC 7903.1.3.5]	
☐	6. Class IA flammable liquids shall not be dispensed by gravity from tanks. [CFC 7903.1.3.5]	
☐	7. When a flammable mixture is transferred from one container to another one shall be grounded. Piping systems shall be permanently grounded. [CFC 7903.2.1.3]	
☐	8. Storage cabinets for hazardous materials liquids shall have well fitted, self closing doors equipped with a self latching device; bottom 2 inches liquid tight and labeled "HAZARDOUS-KEEP FIRE AWAY". [CFC 8001.10.6.2]	
☐	9. Secondary containment is required for areas where hazardous materials are stored. [CFC 8001.11.11 as amended by MMC V-300-2.81]	
☐	10. Individual storage areas shall have dedicated drainage to prevent mixing of incompatible materials. [CFC 8003.1.3.3]	
☐	11. Containers previously containing a regulated material shall not be used to store a different material unless container is cleaned in an approved manner and properly labeled for new contents. [CFC 8001.4.6]	
☐	12. All containers in storage shall be arranged in an approved manner, non-compatibles separated (flammables, corrosives, oxidizers, etc.). [CFC 8001.11.8]	
☐	13. Signs prohibiting smoking shall be provided in storage areas and within 25 feet of outdoor storage areas. [CFC 8001.8; 8003.1.2]	
☐	14. Gas cylinders shall be properly identified, located, and secured. [CFC 7401.5.1; 7401.6.4]	
☐	15. Empty containers and tanks previously used for the storage of hazardous materials shall be free from residual materials and vapor as defined by DOT, RCRA or other regulating authority or maintained as specified for the storage of hazardous materials. [CFC 8001.4.6]	
☐	16. Open flames & high-temperature devices shall not be used in a manner which creates a hazardous condition. [CFC 8001.9]	

Fire Department Number 84-0043

☐ 17. Material Safety Data Sheets (MSDS) shall be available at the facility for all materials present. [CFC 8001.6]

☐ 18. All regulated material waste shall be disposed of in an approved manner. Hazardous materials shall not be released into the sewer, storm drain, ditch, drainage canal, lake, river, or tidal waterway, or upon the ground, sidewalk, street, highway or into the atmosphere. [CFC 8001.5.1]

☐ 19. Individual containers, cartons, packages shall be conspicuously marked or labeled in accordance with nationally recognized standards. [CFC 8001.8]

☐ 20. Entrances to areas where hazardous materials are stored, and stationary above ground tanks shall be placarded with NFPA 704 Hazard Signal System for the material(s) contained. [CFC 8001.7 , 8003.1.2]

☐ 21. All above ground piping shall be properly secured and labeled identifying product and direction of flow every 20 feet. [CFC 8001.4.3.2 as amended by MMC-V-300-2.52]

☐ 22. Process equipment shall be maintained as designed to prevent accidental discharge of hazardous materials. [CFC 8001.4.7.1]

☐ 23. A (revised) Hazardous Materials Business Plan shall be submitted within 10 days.[CFC 8001.3.2]

☐ 24. A monitoring method capable of detecting hazardous material leakage from the primary containment into the secondary containment shall be provided. [CFC 8001.11.10 as amended by MMC-V-300-2.80]

☐ 25. Routine inspections of all hazardous materials storage areas and spills of hazardous materials shall be recorded, on a weekly basis, on a monitoring log. [CFC 8001.11.10]

☐ 26. All processes new to the facility shall have Fire Department approval prior to installation and use. [CFC 8001.3.1]

☐ 27. A permit is required to install, repair, abandon, remove, place temporarily out of service, close or substantially modify a storage facility. [CFC 8001.3.1]

ADDITIONAL VIOLATIONS:

☐ See supplemental sheet for additional violations.

ORDERS:

1. Provide Labels for UPS Battery Rooms
2. Service Fire Extinguisher (Bldg F)

COMMENTS:

REFERRALS:

Your facility will be referred to the following agency(s) for items noted during this inspection which are beyond the scope of this inspection:

☐ **No Hazardous Material violations were observed during the initial inspection.**

For your information: If your business handles hazardous waste, Santa Clara County Hazardous Materials Compliance Division may perform an inspection of your business. For more information, contact 918-3400.

If necessary, a 1st and 2nd re-inspection shall be conducted on or about 30 days from the initial inspection and 15 days from the 1st re-inspection respectively to determine if violation(s) noted above have been corrected and/or orders have been complied with.

Failure to comply with orders and correct violations may render you liable to the penalties as set forth by law, including, but not limited to, administrative, civil and/or criminal citations.

The Fire Department prefers compliance be obtained through the willingness of an individual to comply, and as always, remains ready to assist in this process. If you have any questions or wish to discuss this matter, please contact this office at (408) 586-3365.

Received By: _____ Inspector: _____

Milpitas Fire Department, Bureau of Fire Prevention, 455 E. Calaveras Blvd., Milpitas, CA 95035
Phone (408) 586-3365 FAX (408) 586-3378

Distribution: WHITE - Fire Department Address File
YELLOW - Business Responsible

The EDR Radius Map™ Report

600 Barber Lane
600 Barber Lane
Milpitas, CA 95035

Inquiry Number: 1764396.1s

September 28, 2006

The Standard in Environmental Risk Management Information

440 Wheelers Farms Road
Milford, Connecticut 06461

Nationwide Customer Service

Telephone: 1-800-352-0050
Fax: 1-800-231-6802
Internet: www.edrnet.com

FORM-NULL-PEP

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Detail Map	3
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Orphan Summary	337
EPA Waste Codes	EPA-1
Government Records Searched/Data Currency Tracking	GR-1

GEOCHECK ADDENDUM

GeoCheck - Not Requested

Thank you for your business.
Please contact EDR at 1-800-352-0050
with any questions or comments.

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EXECUTIVE SUMMARY

A search of available environmental records was conducted by Environmental Data Resources, Inc (EDR). The report was designed to assist parties seeking to meet the search requirements of EPA's Standards and Practices for All Appropriate Inquiries (40 CFR Part 312), the ASTM Standard Practice for Environmental Site Assessments (E 1527-05) or custom requirements developed for the evaluation of environmental risk associated with a parcel of real estate.

TARGET PROPERTY INFORMATION

ADDRESS

600 BARBER LANE
MILPITAS, CA 95035

COORDINATES

Latitude (North):	37.418900 - 37° 25' 8.0"
Longitude (West):	121.916200 - 121° 54' 58.3"
Universal Tranverse Mercator:	Zone 10
UTM X (Meters):	595904.6
UTM Y (Meters):	4141691.0
Elevation:	26 ft. above sea level

USGS TOPOGRAPHIC MAP ASSOCIATED WITH TARGET PROPERTY

Target Property Map:	37121-D8 MILPITAS, CA
Most Recent Revision:	1980

TARGET PROPERTY SEARCH RESULTS

The target property was identified in the following government records. For more information on this property see page 5 of the attached EDR Radius Map report:

Site	Database(s)	EPA ID
BILLINGS CHEVROLET INC 600 BARBER LN MILPITAS, CA 95035	RCRA-SQG HAZNET EMI	CA0000005918

DATABASES WITH NO MAPPED SITES

No mapped sites were found in EDR's search of available ("reasonably ascertainable ") government records either on the target property or within the search radius around the target property for the following databases:

FEDERAL RECORDS

NPL RECOVERY..... Federal Superfund Liens
CERCLIS..... Comprehensive Environmental Response, Compensation, and Liability Information System

EXECUTIVE SUMMARY

RCRA-TSDF---------- Resource Conservation and Recovery Act Information
DOD---------- Department of Defense Sites
TSCA---------- Toxic Substances Control Act
SSTS---------- Section 7 Tracking Systems
ICIS---------- Integrated Compliance Information System
PADS---------- PCB Activity Database System

STATE AND LOCAL RECORDS

HIST Cal-Sites---------- Historical Calsites Database
CA BOND EXP. PLAN---------- Bond Expenditure Plan
SWF/LF---------- Solid Waste Information System
WMUDS/SWAT---------- Waste Management Unit Database
UST---------- Active UST Facilities
RESPONSE---------- State Response Sites

TRIBAL RECORDS

INDIAN LUST---------- Leaking Underground Storage Tanks on Indian Land
INDIAN UST---------- Underground Storage Tanks on Indian Land

EDR PROPRIETARY RECORDS

Manufactured Gas Plants--- EDR Proprietary Manufactured Gas Plants

SURROUNDING SITES: SEARCH RESULTS

Surrounding sites were identified.

Elevations have been determined from the USGS Digital Elevation Model and should be evaluated on a relative (not an absolute) basis. Relative elevation information between sites of close proximity should be field verified. Sites with an elevation equal to or higher than the target property have been differentiated below from sites with an elevation lower than the target property.
Page numbers and map identification numbers refer to the EDR Radius Map report where detailed data on individual sites can be reviewed.

Sites listed in ***bold italics*** are in multiple databases.

Unmappable (orphan) sites are not considered in the foregoing analysis.

FEDERAL RECORDS

RCRAInfo: RCRAInfo is EPA's comprehensive information system, providing access to data supporting the Resource Conservation and Recovery Act (RCRA) of 1976 and the Hazardous and Solid Waste Amendments (HSWA) of 1984. RCRAInfo replaces the data recording and reporting abilities of the Resource Conservation and Recovery Information System(RCRIS). The database includes selective information on sites which generate, transport, store, treat and/or dispose of hazardous waste as defined by the Resource Conservation and Recovery Act (RCRA). Conditionally exempt small quantity generators (CESQGs) generate less than 100 kg of hazardous waste, or less than 1 kg of acutely hazardous waste per month. Small quantity generators (SQGs) generate between 100 kg and 1,000 kg of hazardous waste per month Large quantity generators generate over 1,000 kilograms (kg) of hazardous waste, or over 1 kg of acutely hazardous waste per month. Transporters are individuals or entities that move hazardous waste from the generator offsite to a facility that can recycle, treat, store, or dispose of the waste. TSDFs treat, store, or dispose of the waste.

A review of the RCRA-LQG list, as provided by EDR, and dated 06/13/2006 has revealed that there are 6

EXECUTIVE SUMMARY

RCRA-LQG sites within approximately 1 mile of the target property.

Equal/Higher Elevation	Address	Dist / Dir	Map ID	Page
LOCKHEED MISSIES & SPACE CO	227 CURTIS AVE BLDG 514	1/2 - 1 E	AL185	207
WJ COMMUNICATIONS, INC.	***1530 MCCARTHY BLVD***	***1/2 - 1 SSW***	***AO199***	***220***
STANDARD MEMORY SYSTEMS INCORP	***851 BUCKEYE COURT***	***1/2 - 1 S***	***AR215***	***244***
LINEAR TECHNOLOGY CORPORATION	***1630 MCCARTHY BLVD***	***1/2 - 1 S***	***BC257***	***291***

Lower Elevation	Address	Dist / Dir	Map ID	Page
WALGREENS 3671	***342 W CALAVERAS BLVD***	***1/2 - 1 NNE***	***K57***	***64***
MILPITAS GAS TERMINAL	66 RANCH DR.	1/2 - 1 NNW	L74	82

RCRAInfo: RCRAInfo is EPA's comprehensive information system, providing access to data supporting the Resource Conservation and Recovery Act (RCRA) of 1976 and the Hazardous and Solid Waste Amendments (HSWA) of 1984. RCRAInfo replaces the data recording and reporting abilities of the Resource Conservation and Recovery Information System(RCRIS). The database includes selective information on sites which generate, transport, store , treat and/or dispose of hazardous waste as defined by the Resource Conservation and Recovery Act (RCRA). Conditionally exempt small quantity generators (CESQGs) generate less than 100 kg of hazardous waste, or less than 1 kg of acutely hazardous waste per month. Small quantity generators (SQGs) generate between 100 kg and 1,000 kg of hazardous waste per month Large quantity generators generate over 1,000 kilograms (kg) of hazardous waste, or over 1 kg of acutely hazardous waste per month. Transporters are individuals or entities that move hazardous waste from the generator offsite to a facility that can recycle, treat, store, or dispose of the waste. TSDFs treat, store, or dispose of the waste.

A review of the RCRA-SQG list, as provided by EDR, and dated 06/13/2006 has revealed that there are 37 RCRA-SQG sites within approximately 1 mile of the target property.

Equal/Higher Elevation	Address	Dist / Dir	Map ID	Page
VARIAN MEDICAL SYSTEMS INC	596 ALDER DR	1/4 - 1/2 S	E26	32
WESTINGHOUSE TEST SITE	342 E CURTIS AVE	1/2 - 1 E	M78	85
CALMA/DIVISION OF PRIME COMPUT	475 SYCAMORE DR	1/2 - 1 SSE	101	109
GTE LENKURT CO INC	501 SYCAMORE DR	1/2 - 1 SSE	104	112
MAXTOR CORPORATION	***525 SYCAMORE DRIVE***	***1/2 - 1 S***	***U109***	***115***
UNGERMANN BASS	***1440 MCCARTHY BLVD***	***1/2 - 1 SSW***	***115***	***128***
EDWARDS HIGH VACUUM	***550 SYCAMORE DR***	***1/2 - 1 S***	***116***	***130***
INTERNATIONAL IMAGING SYSTEMS	***1500 BUCKEYE DR***	***1/2 - 1 S***	***128***	***141***
FORD MOTOR CO SAN JOSE ASSEMBL	***1100 SOUTH MAIN STREET***	***1/2 - 1 ESE***	***Z139***	***152***
QUANTUM CORPORATION	715 SYCAMORE DRIVE	1/2 - 1 S	AB147	164
KITS CAMERAS 1 HOUR NO 61	***283 GREAT MALL DR***	***1/2 - 1 ESE***	***157***	***175***
APPLIED MAGNETICS CORPORATION	1504 MCCARTHY BLVD.	1/2 - 1 SSW	AE164	183
APTOS CORP	***774 SYCAMORE DR***	***1/2 - 1 SSW***	***AK184***	***204***
APPLIED INFORMATION MEMORIES	776 SYCAMORE DR	1/2 - 1 SSW	AK188	209
AMDAHL CORPORATION	***804 BUCKEYE COURT BLDG***	***1/2 - 1 S***	***AP212***	***239***
XICOR INC	***1611 BUCKEYE DRIVE***	***1/2 - 1 S***	***AP213***	***242***
LIGHTWAVES 2020 INC	***1323 GREAT MALL DR***	***1/2 - 1 E***	***225***	***257***
LSI LOGIC CORPORATION	***1601 MCCARTHY BLVD***	***1/2 - 1 S***	***AX236***	***272***
CHEVRON STATION NO 207673	1249 GREAT MALL DR	1/2 - 1 E	AY242	280
FCC CARSTAR AUTO BODY INC	1416 S MAIN ST	1/2 - 1 SE	BF273	311
HOME DEPOT USA INC HD 1041	1177 GREAT MALL DR	1/2 - 1 ESE	278	317
WEST COAST ENGINES	1438 S MAIN ST	1/2 - 1 SE	BF280	318

Lower Elevation	Address	Dist / Dir	Map ID	Page
E M S L ANALYTICAL INC	382 S ABBOTT AVE	1/4 - 1/2 N	D14	20
BABA BUDDA JI CARRIER	340 RIO VERDE PL NO 1	1/4 - 1/2 NNE	17	22

EXECUTIVE SUMMARY

Lower Elevation	Address	Dist / Dir	Map ID	Page
TOSCO NORTHWEST CO NO 11223	***97 S ABBOT AVE***	***1/4 - 1/2 NNE***	***G42***	***46***
SANTA CLARA COUNTY	***701 S ABEL ST***	***1/4 - 1/2 E***	***I51***	***55***
FEDERAL EXPRESS	620 SO MAIN ST	1/2 - 1 ENE	O84	88
MAXTOR CORPORATION	***1140 BELLEW DRIVE***	***1/2 - 1 W***	***85***	***89***
ATLAS AUTO BODY	808 S MAIN ST	1/2 - 1 E	86	91
PACIFIC BELL	563 SOUTH MAIN STREET	1/2 - 1 ENE	87	91
PACIFIC BELL	WAYNE STATION	1/2 - 1 ENE	88	91
WALGREENS 562	257 W CALAVERAS	1/2 - 1 NNE	T108	115
MR BRAKE & CLUTCH	***312 S MAIN ST***	***1/2 - 1 NE***	***S111***	***119***
MILPITAS CLEANERS	***182 S MAIN ST***	***1/2 - 1 NE***	***Y136***	***147***
PACIFIC BELL	L2N MILPITAS AVENUE	1/2 - 1 NNE	AC154	172
PACIFIC BELL	***76 CARLO STREET***	***1/2 - 1 NNE***	***AC162***	***181***
CALAVERAS AUTO PARTS INC	27 E CARLO	1/2 - 1 NNE	218	250

ERNS: The Emergency Response Notification System records and stores information on reported releases of oil and hazardous substances. The source of this database is the U.S. EPA.

A review of the ERNS list, as provided by EDR, and dated 12/31/2005 has revealed that there are 28 ERNS sites within approximately 1 mile of the target property.

Equal/Higher Elevation	Address	Dist / Dir	Map ID	Page
224 CURTIS AVENUE	224 CURTIS AVENUE	1/2 - 1 E	V124	137
WEST CAPITOL AND SOUTH MAIN ST	WEST CAPITOL AND SOUTH	1/2 - 1 SE	AG171	191
CAPITOL AVE AT MAIN ST	CAPITOL AVE AT MAIN ST	1/2 - 1 SE	AG172	191
1530 MCCARTHY BLVD	1530 MCCARTHY BLVD	1/2 - 1 SSW	AO197	218
1530 MCCARTHY BLVD	1530 MCCARTHY BLVD	1/2 - 1 SSW	AO200	225
851 BUCKEYE CT	851 BUCKEYE CT	1/2 - 1 S	AR217	250
1601 MCCARTHY BLVD	1601 MCCARTHY BLVD	1/2 - 1 S	AX238	276
1630 MCCARTHY BLVD	1630 MCCARTHY BLVD	1/2 - 1 S	BC252	289
1630 MCCARTHY BLVD	1630 MCCARTHY BLVD	1/2 - 1 S	BC254	291
1630 MCCARTHY BLVD.	1630 MCCARTHY BLVD.	1/2 - 1 S	BC255	291
1630 MCCARTHY BLVD	1630 MCCARTHY BLVD	1/2 - 1 S	BC256	291

Lower Elevation	Address	Dist / Dir	Map ID	Page
225 SYLVIA AVE	225 SYLVIA AVE	1/4 - 1/2 ENE	25	32
HWY 880 N PAST MP 8.8 1/2 MI N	HWY 880 N PAST MP 8.8 1	1/4 - 1/2 NNW	F29	36
S.B. HWY 880 @ HWY 237	S.B. HWY 880 @ HWY 237	1/4 - 1/2 NNW	F30	36
EB HWY 237 W OF 880	EB HWY 237 W OF 880	1/4 - 1/2 NNW	F31	36
880 SB AT 237	880 SB AT 237	1/4 - 1/2 NNW	F32	36
SOUTH ABBOTT AVE & VALLEY WAY	SOUTH ABBOTT AVE & VALL	1/2 - 1 N	J53	60
301 W. CALAVERAS	301 W. CALAVERAS	1/2 - 1 NNE	N70	81
301 CALAVERAS	301 CALAVERAS	1/2 - 1 NNE	N71	81
#1 WHITTIER ST	#1 WHITTIER ST	1/2 - 1 N	91	94
290 SPENCE AVE	290 SPENCE AVE	1/2 - 1 NNE	121	135
151 HEATH ST	151 HEATH ST	1/2 - 1 N	W131	144
168 SMITHWOOD	168 SMITHWOOD	1/2 - 1 N	AD158	177
51 CARLO ST.	51 CARLO ST.	1/2 - 1 NNE	AC168	188
REAR OF 86 N. MAIN ST.	REAR OF 86 N. MAIN ST.	1/2 - 1 NNE	262	300
160 N. MAIN ST.	160 N. MAIN ST.	1/2 - 1 NNE	BI291	329
160 N. MAIN STREET	160 N. MAIN STREET	1/2 - 1 NNE	BI293	330
518 PENITENTIA ST	518 PENITENTIA ST	1/2 - 1 NNE	297	335

EXECUTIVE SUMMARY

HMIRS: The Hazardous Materials Incident Report System contains hazardous material spill incidents reported to the Department of Transportation. The source of this database is the U.S. EPA.

A review of the HMIRS list, as provided by EDR, and dated 07/03/2006 has revealed that there are 4 HMIRS sites within approximately 1 mile of the target property.

Equal/Higher Elevation	Address	Dist / Dir	Map ID	Page
Not reported	224 CURTIS AVE	1/2 - 1 E	V125	138
Lower Elevation	**Address**	**Dist / Dir**	**Map ID**	**Page**
Not reported	620 S MAIN ST	1/2 - 1 ENE	O79	86
Not reported	620 S MAIN ST	1/2 - 1 ENE	O82	88
Not reported	620 S. MAIN ST.	1/2 - 1 ENE	O83	88

TRIS: The Toxic Chemical Release Inventory System identifies facilities that release toxic chemicals to the air, water, and land in reportable quantities under SARA Title III, Section 313. The source of this database is the U.S. EPA.

A review of the TRIS list, as provided by EDR, and dated 12/31/2004 has revealed that there is 1 TRIS site within approximately 1 mile of the target property.

Equal/Higher Elevation	Address	Dist / Dir	Map ID	Page
LINEAR TECHNOLOGY CORP	1630 MCCARTHY BLVD	1/2 - 1 S	BC258	297

FTTS: FTTS tracks administrative cases and pesticide enforcement actions and compliance activities related to FIFRA, TSCA and EPCRA (Emergency Planning and Community Right-to-Know Act) over the previous five years. To maintain currency, EDR contacts the Agency on a quarterly basis.

A review of the FTTS list, as provided by EDR, and dated 07/14/2006 has revealed that there are 3 FTTS sites within approximately 1 mile of the target property.

Equal/Higher Elevation	Address	Dist / Dir	Map ID	Page
MFCO ASSOCIATES (CRYSTAL LAKE	1100 S MAIN ST	1/2 - 1 ESE	Z138	152
XICOR INC	850 BUCKEYE CT	1/2 - 1 S	AR214	243
Lower Elevation	**Address**	**Dist / Dir**	**Map ID**	**Page**
MFCO ASSOCIATES (CRYSTAL LAKE	100 S MAIN ST	1/2 - 1 NE	AI177	196

MLTS: The Material Licensing Tracking System is maintained by the Nuclear Regulatory Commission and contains a list fo approximately 8,100 sites which possess or use radioactive materials and are subject to NRC licensing requirements.

A review of the MLTS list, as provided by EDR, and dated 07/10/2006 has revealed that there is 1 MLTS site within approximately 1 mile of the target property.

Equal/Higher Elevation	Address	Dist / Dir	Map ID	Page
ADAC LABORATORIES	***540 ALDER DRIVE***	***1/4 - 1/2 SSE***	***23***	***28***

EXECUTIVE SUMMARY

STATE AND LOCAL RECORDS

WDS: California Water Resources Control Board - Waste Discharge System.

A review of the CA WDS list, as provided by EDR, and dated 06/21/2006 has revealed that there are 5 CA WDS sites within approximately 1 mile of the target property.

Equal/Higher Elevation	Address	Dist / Dir	Map ID	Page
UNION PACIFIC RAILROAD	***224 CURTIS AVE***	***1/2 - 1 E***	***V126***	***138***
STANDARD MEMORY SYSTEMS INCORP	***851 BUCKEYE COURT***	***1/2 - 1 S***	***AR215***	***244***
Not reported	***1630 MCCARTHY BLVD***	***1/2 - 1 S***	***BC253***	***289***
Lower Elevation	**Address**	**Dist / Dir**	**Map ID**	**Page**
MOBIL #10-JQP (BP 11223)	***97 S ABBOTT AVE***	***1/4 - 1/2 NNE***	***G39***	***43***
Not reported	***650 HAMMOND WAY***	***1/2 - 1 ENE***	***113***	***124***

HIST LUST SANTA CLARA: A listing of open and closed leaking underground storage tanks. This listing is no longer updated by the county. Leaking underground storage tanks are now handled by the Department of Environmental Health.

A review of the HIST LUST list, as provided by EDR, and dated 03/29/2005 has revealed that there are 3 HIST LUST sites within approximately 0.5 miles of the target property.

Lower Elevation	Address	Dist / Dir	Map ID	Page
MCCARTHY RANCH AT BELLEW	COYOTE CREEK REACH 3	1/8 - 1/4 NNW	5	10
MOBIL #10-JQP (BP 11223)	***97 S ABBOTT AVE***	***1/4 - 1/2 NNE***	***G39***	***43***
ELMWOOD MEN'S FACILITY	701 S ABEL ST	1/4 - 1/2 E	I49	53

AST: The Aboveground Storage Tank database contains registered ASTs. The data come from the State Water Resources Control Board's Hazardous Substance Storage Container Database.

A review of the AST list, as provided by EDR, and dated 01/30/2006 has revealed that there is 1 AST site within approximately 1 mile of the target property.

Lower Elevation	Address	Dist / Dir	Map ID	Page
MILPITAS TERMINAL	66 RANCH DR.	1/2 - 1 NNW	L73	81

SJ HAZMAT: San Jose Hazmat Facilities.

A review of the SAN JOSE HAZMAT list, as provided by EDR, and dated 07/03/2006 has revealed that there are 2 SAN JOSE HAZMAT sites within approximately 1 mile of the target property.

Lower Elevation	Address	Dist / Dir	Map ID	Page
P G & E LOS ESTEROS SUBSTA	1515 ALVISO-MILPITAS RD	1/2 - 1 WNW	AQ204	229
CISCO SYSTEMS INC/SJ-11	***350 E TASMAN DR***	***1/2 - 1 WSW***	***234***	***270***

EXECUTIVE SUMMARY

CHMIRS: The California Hazardous Material Incident Report System contains information on reported hazardous material incidents, i.e., accidental releases or spills. The source is the California Office of Emergency Services.

A review of the CHMIRS list, as provided by EDR, and dated 12/31/2004 has revealed that there are 54 CHMIRS sites within approximately 1 mile of the target property.

Equal/Higher Elevation	Address	Dist / Dir	Map ID	Page
Not reported Date Completed: 19-MAY-91	351 EAST CURTIS AVENUE	1/2 - 1 E	M68	78
Not reported Date Completed: 16-JUN-89	1228 STARLITE DR.	1/2 - 1 SSE	119	133
Not reported Date Completed: 24-FEB-89	224 E. CURTIS	1/2 - 1 E	V122	135
Not reported	224 CURTIS AVE, MILPITA	1/2 - 1 E	V127	140
Not reported Date Completed: 13-FEB-89	1100 S. MAIN ST	1/2 - 1 ESE	Z137	150
Not reported Date Completed: 10-MAY-91	1100 SOUTH MAIN STREET	1/2 - 1 ESE	Z141	155
Not reported Date Completed: 25-MAR-89	NB 880 AT GIBBONS CT	1/2 - 1 SSE	153	170
Not reported Date Completed: 01-FEB-89	N.B.S. MAIN @ CAPITAL	1/2 - 1 SE	AG167	187
Not reported Date Completed: 25-NOV-88	CAPITAL AVE @ MAIN ST	1/2 - 1 SE	AG178	196
Not reported Date Completed: 16-JUN-89	CAPITOL AVE @ MAIN ST.	1/2 - 1 SE	AG183	203
Not reported Date Completed: 20-JAN-90	157 EVERGREEN	1/2 - 1 SE	189	210
Not reported	1530 MC CARTY BLVD	1/2 - 1 SSW	AO198	218
Not reported Date Completed: 28-JAN-89	SOUTH MAIN STREET AT SO	1/2 - 1 SE	235	271
Not reported Date Completed: 21-AUG-91	1601 MCCARTHY BLVD.	1/2 - 1 S	AX237	274
Not reported Date Completed: 19-MAY-88	25 W. CURTIS AVE.	1/2 - 1 E	AZ246	283
Not reported Date Completed: 03-MAY-91	MCCANDLESS DRIVE / CAPI	1/2 - 1 ESE	BA248	285
Not reported Date Completed: 23-SEP-90	***1630 MCCARTHY BLVD***	***1/2 - 1 S***	***BC253***	***289***

Lower Elevation	Address	Dist / Dir	Map ID	Page
Not reported Date Completed: 26-JUN-88	HWY 680 S/O HWY 237	1/4 - 1/2 N	10	14
Not reported Date Completed: 08-MAR-91	225 SYLIVIA AVENUE	1/4 - 1/2 NE	18	22
Not reported Date Completed: 27-MAR-88	1 MILE N OF HWY 237, 1	1/4 - 1/2 NNW	F28	34
Not reported Date Completed: 10-MAR-88	I-880 S/B @ I-237	1/4 - 1/2 NNW	F33	36

Lower Elevation	Address	Dist / Dir	Map ID	Page
Not reported Date Completed: 07-AUG-89	450 S. ABLE ST.	1/4 - 1/2 ENE	34	38
Not reported Date Completed: 05-FEB-89	HWY 237 AT CYPRESS DR.	1/4 - 1/2 NW	37	40
Not reported Date Completed: 29-OCT-88	701 S ABEL ST	1/4 - 1/2 E	I48	52
Not reported Date Completed: 01-MAR-89	400 VALLEY WY	1/2 - 1 N	J54	60
Not reported Date Completed: 02-APR-91	43 SOUTH ABBOTT AVENUE	1/2 - 1 N	J59	67
Not reported Date Completed: 01-FEB-89	43 S. ABBOTT	1/2 - 1 N	J60	68
Not reported Date Completed: 04-DEC-91	43 SOUTH ABBOTT AVENUE	1/2 - 1 N	J61	70
Not reported	43 SOUTH ABBOTT ST	1/2 - 1 N	J62	71
Not reported	301 W. CALAVERAS BLVD	1/2 - 1 NNE	N69	79
USA PETROLEUM #102 Date Completed: 14-MAY-88 Date Completed: 22-FEB-88	***200 SERRA WY***	***1/2 - 1 NNE***	***P93***	***95***
Not reported Date Completed: 23-JAN-90	SOUTH ABEL/SERRA	1/2 - 1 NE	R103	110
Not reported	39 SMITHWOOD AVE	1/2 - 1 N	105	112
Not reported	***650 HAMMOND WAY***	***1/2 - 1 ENE***	***113***	***124***
Not reported	151 HEATH ST	1/2 - 1 N	W130	143
Not reported Date Completed: 04-JUN-91	205 WEST CALAVERAS BLVD	1/2 - 1 NNE	AA145	160
Not reported Date Completed: 05-DEC-88	ABEL ST @ CALAVERAS BLV	1/2 - 1 NNE	150	167
Not reported	168 SMITHWOOD	1/2 - 1 N	AD159	177
Not reported Date Completed: 30-JAN-91	51 CARLO STREET	1/2 - 1 NNE	AC169	188
Not reported Date Completed: 28-NOV-88	225 BOTHELO AVE.	1/2 - 1 NE	AM190	211
Not reported Date Completed: 27-AUG-88	K-MART 75 WELLER LN.	1/2 - 1 ENE	219	250
Not reported Date Completed: 04-APR-91	261 NORTH ABBOTT AVENUE	1/2 - 1 N	220	252
Not reported Date Completed: 29-JUL-89	10 S. MAIN ST	1/2 - 1 NNE	AS222	255
Not reported Date Completed: 16-MAR-91	10 NORTH MAIN STREET	1/2 - 1 NNE	AU230	263
Not reported Date Completed: 20-MAR-91	RAILROAD AVENUE 237	1/2 - 1 NNE	AW233	269
Not reported Date Completed: 16-AUG-90	FORD CREEK AT 80 RAILRO	1/2 - 1 NNE	AW240	277
Not reported Date Completed: 12-MAY-90	86 NORTH MAIN STREET	1/2 - 1 NNE	260	298
Not reported Date Completed: 06-JAN-90	690 GILBRALTOR DRIVE	1/2 - 1 ENE	263	300

Lower Elevation	Address	Dist / Dir	Map ID	Page
Not reported Date Completed: 01-SEP-89	455 CALAVERAS BLVD	1/2 - 1 NE	BD265	303
Not reported Date Completed: 17-JUN-88	130 WINDSOR ST.	1/2 - 1 NNE	275	313
Not reported Date Completed: 21-APR-91	160 NORTH MAIN STREET	1/2 - 1 NNE	BI289	326
Not reported Date Completed: 09-MAY-90	160 N. MAIN STREET	1/2 - 1 NNE	BI290	327
Not reported Date Completed: 10-AUG-88	500 BLOCK E. CALAVERAS	1/2 - 1 NE	BJ294	331
Not reported Date Completed: 04-AUG-89	MARYLINN DR. @ PENITENC	1/2 - 1 N	296	334

NOTIFY 65: Notify 65 records contain facility notifications about any release that could impact drinking water and thereby expose the public to a potential health risk. The data come from the State Water Resources Control Board's Proposition 65 database.

A review of the Notify 65 list, as provided by EDR, and dated 10/21/1993 has revealed that there is 1 Notify 65 site within approximately 1 mile of the target property.

Lower Elevation	Address	Dist / Dir	Map ID	Page
ARCO SERVICE STATION #2121	43 SOUTH ABBOTT	1/4 - 1/2 NNE	36	40

DRYCLEANERS: A list of drycleaner related facilities that have EPA ID numbers. These are facilities with certain SIC codes: power laundries, family and commercial; garment pressing and cleaners' agents; linen supply; coin-operated laundries and cleaning; drycleaning plants except rugs; carpet and upholster cleaning; industrial launderers; laundry and garment services.

A review of the CLEANERS list, as provided by EDR, and dated 04/18/2005 has revealed that there is 1 CLEANERS site within approximately 1 mile of the target property.

Lower Elevation	Address	Dist / Dir	Map ID	Page
MILPITAS CLEANERS	***182 S MAIN ST***	***1/2 - 1 NE***	***Y136***	***147***

HAZNET: The data is extracted from the copies of hazardous waste manifests received each year by the DTSC. The annual volume of manifests is typically 700,000-1,000,000 annually, representing approximately 350,000-500,000 shipments. Data from non-California manifests & continuation sheets are not included at the present time. Data are from the manifests submitted without correction, and therefore many contain some invalid values for data elements such as generator ID, TSD ID, waste category, & disposal method. The source is the Department of Toxic Substance Control is the agency

A review of the HAZNET list, as provided by EDR, and dated 12/31/2003 has revealed that there are 157 HAZNET sites within approximately 1 mile of the target property.

Equal/Higher Elevation	Address	Dist / Dir	Map ID	Page
RUEL C TSAI DENTAL CORPORATION	760 BARBER LN	1/4 - 1/2 SSE	13	18
CITY OF MILPITAS (ALDER PROJEC	ALDER DR / TASMAN DR	1/4 - 1/2 S	20	25
ADVANCED CHEMICAL SYSTEMS INTE	510 ALDER DRIVE	1/4 - 1/2 SSE	22	27

EXECUTIVE SUMMARY

Equal/Higher Elevation	Address	Dist / Dir	Map ID	Page
ADAC LABORATORIES	***540 ALDER DRIVE***	***1/4 - 1/2 SSE***	***23***	***28***
VARIAN ONCOLOGY SYSTEMS CUSTOM	596 ALDER DR	1/4 - 1/2 S	E27	33
US POSTAL SERVICE	950 S ABBEL ST	1/2 - 1 ESE	77	85
MAXTOR CORPORATION	***525 SYCAMORE DRIVE***	***1/2 - 1 S***	***U109***	***115***
UNGERMANN BASS	***1440 MCCARTHY BLVD***	***1/2 - 1 SSW***	***115***	***128***
EDWARDS HIGH VACUUM	***550 SYCAMORE DR***	***1/2 - 1 S***	***116***	***130***
PEERY & ARRILLAGA INC	888 TASMAN DR	1/2 - 1 SSW	117	132
A Q S	576 SYCAMORE DRIVE	1/2 - 1 S	120	135
FRE-MAC	224 CURTIS AVENUE	1/2 - 1 E	V123	137
UNION PACIFIC RAILROAD	***224 CURTIS AVE***	***1/2 - 1 E***	***V126***	***138***
INTERNATIONAL IMAGING SYSTEMS	***1500 BUCKEYE DR***	***1/2 - 1 S***	***128***	***141***
CUPID BRIDAL	1236 S ABEL ST	1/2 - 1 SE	X132	144
MILPITAS CHIROPRACTIC & REHAB	1240 SOUTH ABEL ST	1/2 - 1 SE	X133	145
MILPITAS HEALTHLINK MEDICAL GR	1240 SOUTH ABEL ST	1/2 - 1 SE	X134	145
FORD MOTOR CO SAN JOSE ASSEMBL	***1100 SOUTH MAIN STREET***	***1/2 - 1 ESE***	***Z139***	***152***
RITZ CAMERA #559	168 GREAT MALL DR	1/2 - 1 ESE	142	157
QUANTUM CORP-BUILDING 11	***715 SYCAMORE***	***1/2 - 1 S***	***AB146***	***161***
ATARI INC.	715 SYCAMORE DR	1/2 - 1 S	AB148	165
KITS CAMERAS 1 HOUR NO 61	***283 GREAT MALL DR***	***1/2 - 1 ESE***	***157***	***175***
ATARI GAME CORP./TIME WARNER I	735 SYCAMORE DR	1/2 - 1 S	160	178
PHOTON DYNAMICS INC.	1504 MCCARTHY BLVD	1/2 - 1 SSW	AE163	182
X-LAM TECH UNIT OF KULICKE & S	***1504 MCCARTHY BLVD***	***1/2 - 1 SSW***	***AE165***	***184***
CISCO SYSTEMS INC	755 SYCAMORE DR	1/2 - 1 S	AF166	186
MIRUS INDUSTRIES CORPORATION	758 SYCAMORE DRIVE	1/2 - 1 S	AF173	192
NANO METRICS INC	1550 BUCKEYE DR	1/2 - 1 S	AH175	194
APTOS CORP	***774 SYCAMORE DR***	***1/2 - 1 SSW***	***AK184***	***204***
LOCKHEED MARTIN MISSILES & SPA	227 CURTIS AVE BLDG 514	1/2 - 1 E	AL186	207
LSI LOGIC CORP	790 SYCAMORE DR	1/2 - 1 SSW	AK194	216
WJ COMMUNICATIONS, INC.	***1530 MCCARTHY BLVD***	***1/2 - 1 SSW***	***AO199***	***220***
WATKINS-JOHNSON COMPANY	1530 MCCARTHY BLVD	1/2 - 1 SSW	AO201	225
REMEC INC.	1590 BUCKEYE DR	1/2 - 1 S	AP203	228
PINEWOOD WELL	***232 GREENTREE WY***	***1/2 - 1 SE***	***207***	***233***
XICOR INC	***801 BUCKEYE COURT***	***1/2 - 1 S***	***AP209***	***235***
C&S HYBRID INC	804 BUCKEYE CT	1/2 - 1 S	AP211	237
AMDAHL CORPORATION	***804 BUCKEYE COURT BLDG***	***1/2 - 1 S***	***AP212***	***239***
XICOR INC	***1611 BUCKEYE DRIVE***	***1/2 - 1 S***	***AP213***	***242***
STANDARD MEMORY SYSTEMS INCORP	***851 BUCKEYE COURT***	***1/2 - 1 S***	***AR215***	***244***
STANDARD MEMS INC	***851 BUCKEYE COURT***	***1/2 - 1 S***	***AR216***	***246***
ADVANCED MICRO DEVICES	1623 BUCKEYE DR	1/2 - 1 S	AT223	256
ADVANCED MICRO DEVICES INC	1623 BUCKEYE DR	1/2 - 1 S	AT224	256
LIGHTWAVES 2020 INC	***1323 GREAT MALL DR***	***1/2 - 1 E***	***225***	***257***
MILPITAS ANIMAL HOSPITAL	1316 SOUTH MAIN ST	1/2 - 1 SE	227	260
LSI LOGIC CORPORATION	1601 MCCARTHY BLVD	1/2 - 1 S	AX239	276
CHEVRON PRODUCTS SS#207673	1249 GREAT MALL DR	1/2 - 1 E	AY243	281
R & L BROSAMER INC	1239 GREAT MALL DR	1/2 - 1 E	AY245	282
CITY MILPITAS FIRE DEPT	25 WEST CURTIS AVE.	1/2 - 1 E	AZ247	284
DAHLS EQUIPMENT RENTAL	INTERSECTION CAPITAL AV	1/2 - 1 ESE	BA249	286
LINEAR TECHNOLOGY CORPORATION	***1630 MCCARTHY BLVD***	***1/2 - 1 S***	***BC257***	***291***
WEST COAST ENGINES	1438 SOUTH MAIN STREET	1/2 - 1 SE	261	299
CPS REALTY	***1656 MCCARTHY BLVD***	***1/2 - 1 S***	***264***	***302***
PARK PERFORMANCE	1416 S MAIN	1/2 - 1 SE	BF270	307
M2 COLLISION CARE CENTERS	1416 S MAIN ST	1/2 - 1 SE	BF271	308
M2 COLLISION CENTER	1416 S MAIN ST	1/2 - 1 SE	BF274	312
AVANTEK INC	481 COTTONWOOD DR	1/2 - 1 SSE	BG277	315
GLENN'S MACHINE SHOP	1438 SOUTH MAIN STREET	1/2 - 1 SE	BF279	317
MARIO'S AUTO CARE CENTER	1438 S MAIN ST	1/2 - 1 SE	BF281	319

EXECUTIVE SUMMARY

Equal/Higher Elevation	Address	Dist / Dir	Map ID	Page
GENRAD	510 COTTONWOOD DR	1/2 - 1 S	BH282	319
MAXTOR	510 COTTONWOOD DR	1/2 - 1 S	BH283	319
MEDAREX INC	521 COTTONWOOD DR	1/2 - 1 S	BH285	322
PRO-STAR AUTO SERVICE INC	1452 SOUTH MAIN ST	1/2 - 1 SE	286	323

Lower Elevation	Address	Dist / Dir	Map ID	Page
DRS LOAN MAI NGUYEN/TOMMY TONG	410 BARBER	0 - 1/8 NNW	2	8
HOLIDAY INN	777 BELLEW	1/8 - 1/4 NW	A3	9
HOLIDAY INN SAN JOSE NORTH	777 BELLEW	1/8 - 1/4 NW	A4	10
RENEE LEON DAVILLA TRUCKING	CYPRESS DR / BELLEW D	1/8 - 1/4 WNW	6	11
ALAN CHEUNG, DDS	302 BARBER COURT	1/8 - 1/4 NNW	7	11
APPRO INTERNATIONAL INC	446 S ABBOTT AVE	1/8 - 1/4 N	B8	12
KP CORPORATION	428 SO ABBOTT AVE	1/4 - 1/2 N	B9	14
KLA-TENCOR	1 TECHNOLOGY DR	1/4 - 1/2 WNW	C12	17
EMSL ANTILITICAL	382 S ABBOTT AVE	1/4 - 1/2 N	D15	20
DIGITAL IMPRESSIONS	324 SOUTH ABBOTT AVENUE	1/4 - 1/2 N	19	24
STARLITE SERVICE CENTER	97 S ABBOTT AVE	1/4 - 1/2 NNE	G38	41
MOBIL #10-JQP (BP 11223)	***97 S ABBOTT AVE***	***1/4 - 1/2 NNE***	***G39***	***43***
ABBOTT AUTO SERVICE	97 S ABBOTT AVE	1/4 - 1/2 NNE	G41	45
TOSCO NORTHWEST CO NO 11223	***97 S ABBOT AVE***	***1/4 - 1/2 NNE***	***G42***	***46***
FOTO CORNER	30 ABBOTT AVE	1/4 - 1/2 NNE	43	47
JOHN P CONNOLLY DDS	430 S ABEL ST STE #2	1/4 - 1/2 ENE	44	49
BIGBYTE	511 VALLEY WY	1/4 - 1/2 N	H45	50
CALAVERAS ASSOCIATES	504 VALLEY WAY	1/4 - 1/2 N	H46	51
AMERICAN SPEEDY PRINTING	469 VALLEY WAY	1/4 - 1/2 N	H47	51
ELMWOOD COMPLEX	701 S ABEL ST	1/4 - 1/2 E	I50	53
SANTA CLARA COUNTY	***701 S ABEL ST***	***1/4 - 1/2 E***	***I51***	***55***
JAMES E MUSICK DC	430 S ABEL ST	1/2 - 1 ENE	55	62
WALGREENS #3671	342 W CALAVERAS	1/2 - 1 NNE	K56	63
WALGREENS 3671	***342 W CALAVERAS BLVD***	***1/2 - 1 NNE***	***K57***	***64***
ARCO FAC #2121	43 S ABBOTT	1/2 - 1 N	J58	65
FAMILY DENTISTRY II	40 S ABBOTT AVE	1/2 - 1 N	J63	72
FAMILY DENTAL CENTER	40 S ABBOTT AVE	1/2 - 1 N	J64	74
PACIFIC MOTOR TRUCKING(SPIL ON	526 S MAIN ST(EMPTY LOT	1/2 - 1 ENE	65	75
MC CARTHY RANCH DENTAL	76 RANCH DR	1/2 - 1 NNW	L67	76
KELLY-MOORE PAINT CO	301 W CALAVARAS BLVD	1/2 - 1 NNE	N72	81
PG & E/MILPITAS STATION	66 RANCH DRIVE	1/2 - 1 NNW	L75	82
PG&E/MILPITAS STATION	66 RANCH DR	1/2 - 1 NNW	L76	83
HONDA OF MILPITAS	620 S MAIN ST	1/2 - 1 ENE	O80	86
FEDERAL EXPRESS	***620 S MAIN ST***	***1/2 - 1 ENE***	***O81***	***86***
MAXTOR CORPORATION	***1140 BELLEW DRIVE***	***1/2 - 1 W***	***85***	***89***
MATRIX PHARMACEUTICAL INC	600 VALLEY WAY	1/2 - 1 N	89	92
PACIFIC UTILITY CONSTITUENTS	200 SIERRA WAY	1/2 - 1 NNE	P92	95
CC GRAPHICS INC	440 S MAIN ST	1/2 - 1 ENE	Q94	99
AREVALO MARCOS DENTAL CARE INC	414 SO MAIN STREET	1/2 - 1 ENE	Q95	101
WINSTON TIRE #107	400 S MAIN ST	1/2 - 1 ENE	Q96	102
WINSTON TIRE COMPANY #107	400 S MAIN ST	1/2 - 1 ENE	Q97	103
SCOTT CHIROPRACTIC CENTER	410 SOUTH MAIN STREET	1/2 - 1 ENE	Q98	105
HALILI DENTAL OFFICE	396 S MAIN ST	1/2 - 1 ENE	99	106
NGUYEN AND MA DENTAL CORP	61 SERRA WAY STE 212	1/2 - 1 NE	P100	108
ABEL PLAZA FAMILY DENTAL	110 SOUTH ABEL ST	1/2 - 1 NE	R102	109
QUALEX INC 0562	257 W CALAVERAS	1/2 - 1 NNE	T107	115
MR BRAKE & CLUTCH	***312 S MAIN ST***	***1/2 - 1 NE***	***S111***	***119***
MAIN STREET PAINT & BODY SHOP	***312 SO MAIN ST***	***1/2 - 1 NE***	***S112***	***119***
Not reported	***650 HAMMOND WAY***	***1/2 - 1 ENE***	***113***	***124***

EXECUTIVE SUMMARY

Lower Elevation	Address	Dist / Dir	Map ID	Page
TEXACO	***92 SERRA WY***	***1/2 - 1 NE***	***R114***	***127***
JACKLIN DENTAL	282 S MAIN ST	1/2 - 1 NE	118	133
ABEL GRAPHICS, INC	60 S ABEL ST	1/2 - 1 NNE	129	142
MILPITAS USD	140 N ABBOTT AVE	1/2 - 1 N	135	146
MILPITAS CLEANERS	***182 S MAIN ST***	***1/2 - 1 NE***	***Y136***	***147***
JERRY GLASS DDS	151 SOUTH MAIN	1/2 - 1 NE	Y143	158
COED HONDA	166 S MAIN ST	1/2 - 1 NE	Y144	160
JOE MADRUGA	154 S MAIN ST	1/2 - 1 NE	151	168
FAMILY DENTAL FITNESS	141 WEST CALAVERAS BLVD	1/2 - 1 NNE	AA152	169
TOSCO CORPORATION STATION #311	190 W CALAVERAS BLVD	1/2 - 1 NNE	AA155	172
UNOCAL SS#6397	190 W CALAVERAS BLVD	1/2 - 1 NNE	AA156	173
PACIFIC BELL	***76 CARLO STREET***	***1/2 - 1 NNE***	***AC162***	***181***
WAL-MART STORE #2119	301 RANCH DRIVE	1/2 - 1 NNW	170	190
PACIFIC TIRE OUTLET INC	100 S MAIN STREET	1/2 - 1 NE	AI176	196
SOUTH BAY CYCLES	96 S MAIN ST	1/2 - 1 NE	AI179	198
CALIFORNIA BACK SPECIALISTSINC	8 N ABEL ST	1/2 - 1 NNE	AJ180	198
DAVID MEDNICK DPM	8 NORTH ABEL ST	1/2 - 1 NNE	AJ181	200
ABEL DENTAL CARE	12 NORTH ABEL ST	1/2 - 1 NNE	AJ182	201
DURAN & VENABLES INC	261 BOTHELO AVENUE	1/2 - 1 NE	AM187	209
MILPITAS AUTO DISMANTLER	225 BOTHELO AVE	1/2 - 1 NE	AM191	213
MILPITAS AUTO DISMANTLER INC	225 BOTHELO AVE	1/2 - 1 NE	AM192	214
FELDMAN CHI ROPRACTIC OFFICE	148 W CALAVERAS BLVD	1/2 - 1 NNE	AN193	215
CALAVERAS VETERINARY CLINIC	140 W CALAVERAS BLVD	1/2 - 1 NNE	AN196	217
CALPINE	***1515 ALVISO-MILPITAS***	***1/2 - 1 WNW***	***AQ205***	***229***
PRESTON PIPELINES	***151 BOTHELO AVE***	***1/2 - 1 NE***	***206***	***230***
MARYJANE L FUSTER DMD	126 W CALAVERAS	1/2 - 1 NNE	AN208	234
MIGUEL'S AUTO SALES AND REPAIR	12 SOUTH MAIN ST	1/2 - 1 NNE	AS221	253
PACCAR AUTOMOTIVE, INC	164 N ABEL ST	1/2 - 1 NNE	226	259
BEACON STATION #589	10 N MAIN ST	1/2 - 1 NNE	AU228	262
MINI MANIA	31 WINSOR STREET	1/2 - 1 NNE	AV231	264
MILPITAS COLLISION CENTER LTD	***36 WINSOR ST***	***1/2 - 1 NNE***	***AV232***	***266***
CISCO SYSTEMS INC/SJ-11	***350 E TASMAN DR***	***1/2 - 1 WSW***	***234***	***270***
SCC DEPT OF ENVIRONMENTAL HEAL	50 NORTH MAIN STREET	1/2 - 1 NNE	241	279
GREGORY V. WADDEN, D.D.S.	432 CALAVERAS	1/2 - 1 NE	244	281
TOTAL TRANSPORTATION ENTERPRIS	87 WINSOR ST	1/2 - 1 NNE	BB250	287
TOTAL TRANSPORTATION ENTERPRIS	87 WINSOR	1/2 - 1 NNE	BB251	287
THE PERFORMANCE SOURCE	91 WINSOR STREET	1/2 - 1 NNE	BB259	297
WILLIAM MUSSONE DMD INC.	466 B EAST CALAVERAS BL	1/2 - 1 NE	BD266	304
CITY OF MILPITAS	350 MARYLINN DRIVE	1/2 - 1 N	267	306
BOB WINSOR	130 WINSOR ST	1/2 - 1 NNE	BE268	306
MILPITAS TRANSMISSION	130 WINSOR	1/2 - 1 NNE	BE269	307
GREYSTONE HOMES, INC	75 EAST WELLER LANE	1/2 - 1 NNE	BI287	325
KMART #4419	75 E WELLER LANE	1/2 - 1 NNE	BI288	325
MILPITAS SENIOR CENTER	160 N MAIN STREET	1/2 - 1 NNE	BI292	329
SAN JOSE MEDICAL GRP INC MILPI	500 E CALVERAS BOULEVAR	1/2 - 1 NE	BJ295	332

Emissions Inventory Data: Toxics and criteria pollutant emissions data collected by the ARB and local air pollution agencies

A review of the EMI list, as provided by EDR, and dated 12/31/2004 has revealed that there are 38 EMI sites within approximately 1 mile of the target property.

Equal/Higher Elevation	Address	Dist / Dir	Map ID	Page
CISCO SYSTEMS INC	725 ALDER DRIVE	1/4 - 1/2 SSW	16	22

EXECUTIVE SUMMARY

Equal/Higher Elevation	Address	Dist / Dir	Map ID	Page
ZITEL CORPORATION	630 ALDER DRIVE	1/4 - 1/2 S	21	26
ADAC LABORATORIES	***540 ALDER DRIVE***	***1/4 - 1/2 SSE***	***23***	***28***
ADAC LABORATORIES	570 ALDER DRIVE	1/4 - 1/2 SSE	24	31
UNGERMANN-BASS	750 TASMAN	1/4 - 1/2 S	35	39
PRIAM CORPORATION	800 TASMAN	1/2 - 1 SSW	66	76
QUANTUM	525 SYCAMORE DRIVE	1/2 - 1 S	U110	117
UNGERMANN BASS	***1440 MCCARTHY BLVD***	***1/2 - 1 SSW***	***115***	***128***
EDWARDS HIGH VACUUM	***550 SYCAMORE DR***	***1/2 - 1 S***	***116***	***130***
QUANTUM CORP-BUILDING 11	***715 SYCAMORE***	***1/2 - 1 S***	***AB146***	***161***
CISCO SYSTEM	755 SYCAMORE DRIVE	1/2 - 1 S	AB149	166
X-LAM TECH UNIT OF KULICKE & S	***1504 MCCARTHY BLVD***	***1/2 - 1 SSW***	***AE165***	***184***
ACUTE TECHNOLOGIES	1550 BUCKEYE DRIVE	1/2 - 1 S	AH174	193
APTOS CORP	***774 SYCAMORE DR***	***1/2 - 1 SSW***	***AK184***	***204***
LINEAR TECHNOLOGY CORPORATION	790 SYCAMORE DRIVE	1/2 - 1 SSW	AK195	216
WJ COMMUNICATIONS, INC.	***1530 MCCARTHY BLVD***	***1/2 - 1 SSW***	***AO199***	***220***
REMEC MAGNUM INC	1590 BUCKEYE DRIVE	1/2 - 1 S	AP202	226
XICOR INC	***801 BUCKEYE COURT***	***1/2 - 1 S***	***AP209***	***235***
REMEC CSH INC	804 BUCKEYE COURT	1/2 - 1 S	AP210	236
AMDAHL CORPORATION	***804 BUCKEYE COURT BLDG***	***1/2 - 1 S***	***AP212***	***239***
STANDARD MEMS INC	***851 BUCKEYE COURT***	***1/2 - 1 S***	***AR216***	***246***
LSI LOGIC CORPORATION	***1601 MCCARTHY BLVD***	***1/2 - 1 S***	***AX236***	***272***
LINEAR TECHNOLOGY CORPORATION	***1630 MCCARTHY BLVD***	***1/2 - 1 S***	***BC257***	***291***
CPS REALTY	***1656 MCCARTHY BLVD***	***1/2 - 1 S***	***264***	***302***
M2 AUTOMOTIVE, INC	1416 SO MAIN STREET	1/2 - 1 SE	BF272	309
AVANTEK	481 COTTONWOOD DRIVE	1/2 - 1 SSE	BG276	315
MEDAREX	521 COTTONWOOD DRIVE	1/2 - 1 S	BH284	321

Lower Elevation	Address	Dist / Dir	Map ID	Page
KLA TENCOR	1 TECHNOLOGY DRIVE	1/4 - 1/2 WNW	C11	16
BP OIL COMPANY	97 SO ABBOTT STREET	1/4 - 1/2 NNE	G40	44
SANTA CLARA COUNTY	***701 S ABEL ST***	***1/4 - 1/2 E***	***I51***	***55***
DEPARTMENT OF GENERAL SERVICES	701 SO ABEL STREET	1/4 - 1/2 E	I52	57
WORLDCOM	324 SO MAIN STREET	1/2 - 1 NE	S106	114
MAIN STREET PAINT & BODY SHOP	***312 SO MAIN ST***	***1/2 - 1 NE***	***S112***	***119***
MILPITAS CLEANERS	***182 S MAIN ST***	***1/2 - 1 NE***	***Y136***	***147***
PACIFIC BELL CORPORATION	76 CARLO STREET	1/2 - 1 NNE	AC161	180
ULTRAMAR INC	10 N MAIN STREET	1/2 - 1 NNE	AU229	262
MILPITAS COLLISION CENTER LTD	***36 WINSOR ST***	***1/2 - 1 NNE***	***AV232***	***266***
CISCO SYSTEMS, SITE 4 CAMPUS,	300 E TASMAN DRIVE	1/2 - 1 WSW	298	335

ENVIROSTOR: The Department of Toxic Substances Control's (DTSC's) Site Mitigation and Brownfields Reuse Program's (SMBRP's) EnviroStor database identifes sites that have known contamination or sites for which there may be reasons to investigate further. The database includes the following site types: Federal Superfund sites (National Priorities List (NPL)); State Response, including Military Facilities and State Superfund; Voluntary Cleanup; and School sites. EnviroStor provides similar information to the information that was available in CalSites, and provides additional site information, including, but not limited to, identification of formerly-contaminated properties that have been released for reuse, properties where environmental deed restrictions have been recorded to prevent inappropriate land uses, and risk characterization information that is used to assess potential impacts to public health and the environment at contaminated sites.

A review of the ENVIROSTOR list, as provided by EDR, and dated 05/10/2006 has revealed that there are

EXECUTIVE SUMMARY

3 ENVIROSTOR sites within approximately 1 mile of the target property.

Equal/Higher Elevation	Address	Dist / Dir	Map ID	Page
FORD MOTOR COMPANY Facility Status: Refer: RWQCB	1100 SOUTH MAIN STREET	1/2 - 1 ESE	Z140	154

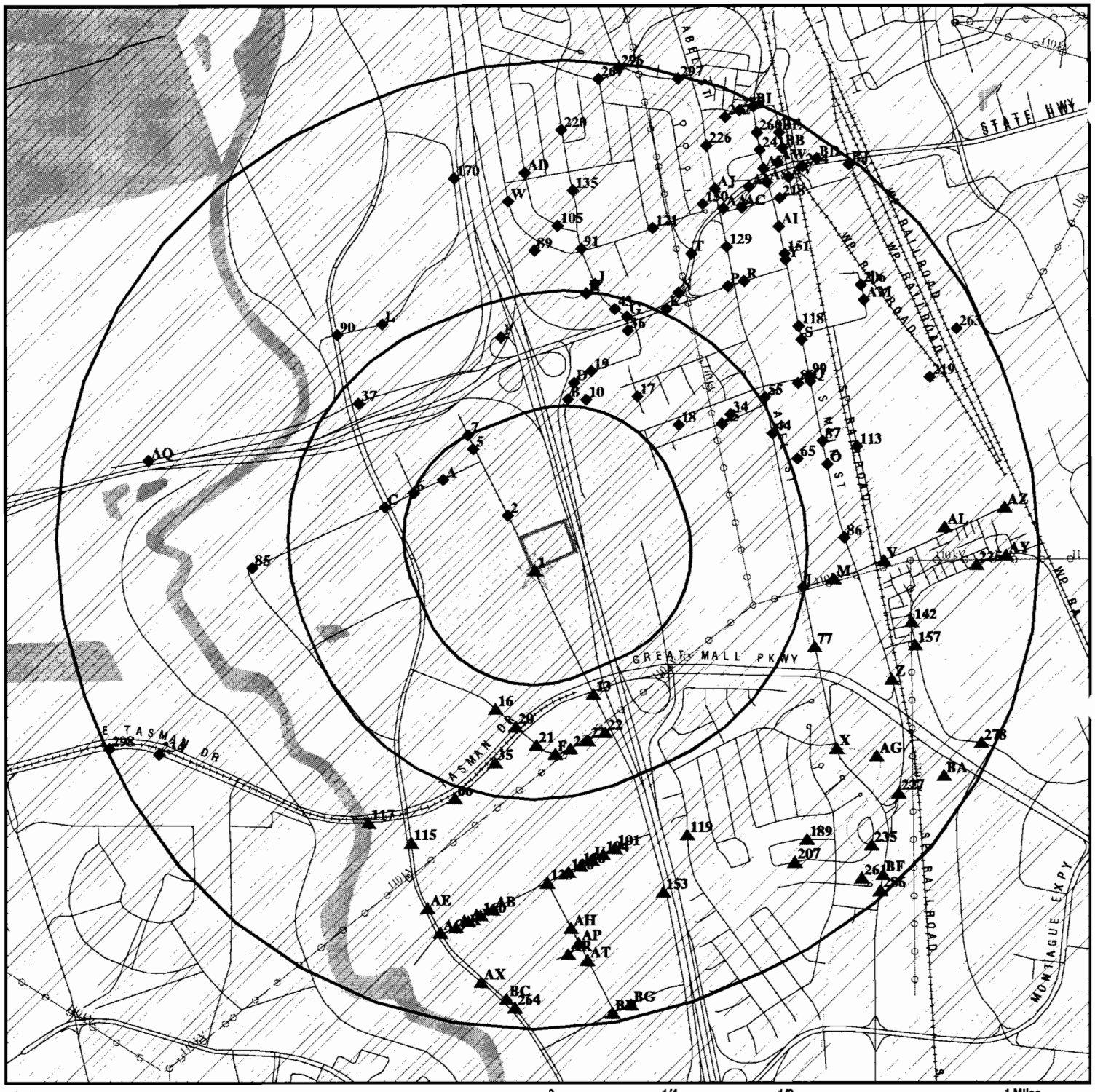
Lower Elevation	Address	Dist / Dir	Map ID	Page
MCCARTHY RANCH Facility Status: No Further Action	MCCARTHY BLVD. / RANCH	1/2 - 1 NW	90	93
PRESTON PIPELINES Facility Status: Refer: Other Agency	***151 BOTHELO AVE***	***1/2 - 1 NE***	***206***	***230***

EXECUTIVE SUMMARY

Due to poor or inadequate address information, the following sites were not mapped:

Site Name	Database(s)
1X MURPHY'S CLEANERS	CLEANERS
FACILITY 43-000-202673	UST
FACILITY 43-011-000072-0	UST
MCCARTHY RANCH	HIST LUST
OLS ENERGY-AGNEWS	AST
C & L TRANSPORT INC	HAZNET
CALTANS DIST 4/CONSTRUCTION/EA04-285524	HAZNET
CALTRANS DIST 4/CONSTR	HAZNET
CITY MILPITAS/PUBLIC WORKS	HAZNET
CYBEQ SYSTEMS	HAZNET
VALLEY TRANSIT AUTHORITY	HAZNET
TRIDENT TRUCK LINES	HAZNET
NEW FLOORS SYSTEMS	HAZNET
EQUILON ENTERPRISES LLC	HAZNET
PG & E	HAZNET
EQUILON ENTERPRISES	HAZNET
EQUILON ENTERPRISES LLC	HAZNET
1X SANTA CLARA CO/HEALTH DEPT	HAZNET
CISCO SYSTEMS	HAZNET
MAXTOR CORP	HAZNET
MAXTOR CORP	HAZNET
CALPINE C* POWER CORP	HAZNET, CA WDS
CAL TRANS DISTRICT 04	HAZNET
CISCO SYSTEMS	HAZNET
SHELL OIL CO	RCRA-SQG
OLS ENERGY AGNEWS INC	CA WDS
MURPHY'S CLEANERS	EMI
COUNTY OF SANTA CLARA	EMI
QUANTUM CORPORATION	EMI
CISCO SYSTEMS INC	EMI

OVERVIEW MAP - 1764396.1s



- Target Property
- Sites at elevations higher than or equal to the target property
- Sites at elevations lower than the target property
- Manufactured Gas Plants
- National Priority List Sites
- Landfill Sites
- Dept. Defense Sites
- Power transmission lines
- Oil & Gas pipelines
- 100-year flood zone
- 500-year flood zone
- National Wetland Inventory
- Areas of Concern

SITE NAME:	600 Barber Lane	CLIENT:	Belinda P Blackie, PE, REA
ADDRESS:	600 Barber Lane Milpitas CA 95035	CONTACT:	Belinda Blackie
LAT/LONG:	37.4189 / 121.9162	INQUIRY #:	1764396.1s
		DATE:	September 28, 2006 2:41 pm

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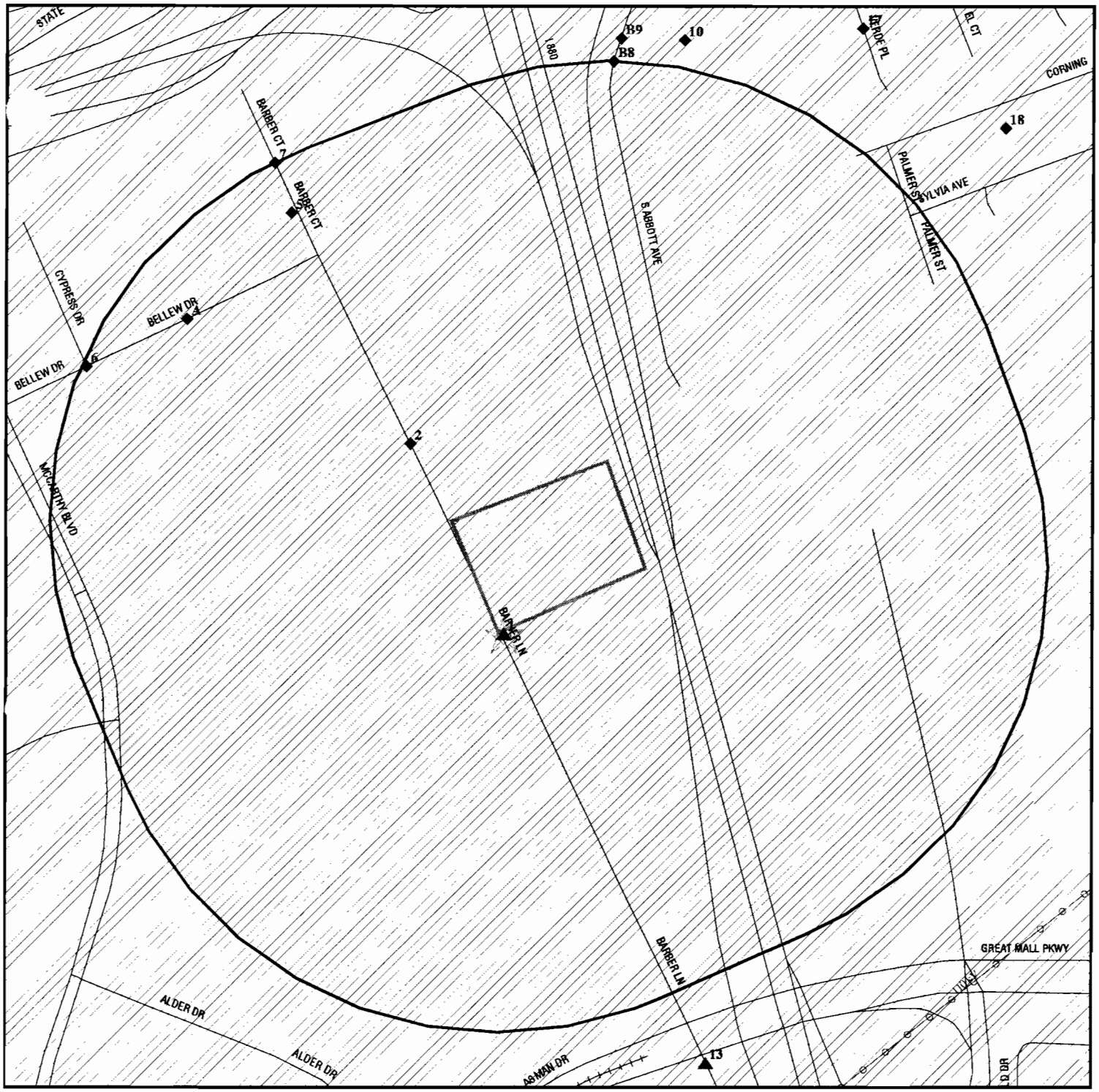
DETAIL MAP - 1764396.1s



- Target Property
- Sites at elevations higher than or equal to the target property
- Sites at elevations lower than the target property
- Manufactured Gas Plants
- Sensitive Receptors
- National Priority List Sites
- Landfill Sites
- Dept. Defense Sites
- Power transmission lines
- Oil & Gas pipelines
- 100-year flood zone
- 500-year flood zone
- Areas of Concern

SITE NAME: 600 Barber Lane	CLIENT: Belinda P Blackie, PE, REA
ADDRESS: 600 Barber Lane Milpitas CA 95035	CONTACT: Belinda Blackie
LAT/LONG: 37.4189 / 121.9162	INQUIRY #: 1764396.1s DATE: September 28, 2006 2:41 pm

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MAP FINDINGS SUMMARY

Database	Target Property	Search Distance (Miles)	< 1/8	1/8 - 1/4	1/4 - 1/2	1/2 - 1	> 1	Total Plotted
FEDERAL RECORDS								
NPL RECOVERY		TP	NR	NR	NR	NR	NR	0
CERCLIS		1.000	0	0	0	0	NR	0
RCRA TSD		1.000	0	0	0	0	NR	0
RCRA Lg. Quan. Gen.		1.000	0	0	0	6	NR	6
RCRA Sm. Quan. Gen.	X	1.000	0	0	5	32	NR	37
ERNS		1.000	0	0	5	23	NR	28
HMIRS		1.000	0	0	0	4	NR	4
DOD		1.000	0	0	0	0	NR	0
TRIS		1.000	0	0	0	1	NR	1
TSCA		1.000	0	0	0	0	NR	0
FTTS		1.000	0	0	0	3	NR	3
SSTS		1.000	0	0	0	0	NR	0
ICIS		TP	NR	NR	NR	NR	NR	0
PADS		1.000	0	0	0	0	NR	0
MLTS		1.000	0	0	1	0	NR	1
STATE AND LOCAL RECORDS								
Hist Cal-Sites		1.000	0	0	0	0	NR	0
CA Bond Exp. Plan		1.000	0	0	0	0	NR	0
State Landfill		1.000	0	0	0	0	NR	0
CA WDS		1.000	0	0	1	4	NR	5
WMUDS/SWAT		1.000	0	0	0	0	NR	0
HIST LUST		0.500	0	1	2	NR	NR	3
UST		0.250	0	0	NR	NR	NR	0
AST		1.000	0	0	0	1	NR	1
SAN JOSE HAZMAT		1.000	0	0	0	2	NR	2
CHMIRS		1.000	0	0	7	47	NR	54
Notify 65		1.000	0	0	1	0	NR	1
DRYCLEANERS		1.000	0	0	0	1	NR	1
RESPONSE		1.000	0	0	0	0	NR	0
HAZNET	X	1.000	1	5	20	131	NR	157
EMI	X	1.000	0	0	9	29	NR	38
ENVIROSTOR		1.000	0	0	0	3	NR	3
TRIBAL RECORDS								
INDIAN LUST		0.500	0	0	0	NR	NR	0
INDIAN UST		0.250	0	0	NR	NR	NR	0
EDR PROPRIETARY RECORDS								
Manufactured Gas Plants		1.000	0	0	0	0	NR	0

NOTES:

TP = Target Property

NR = Not Requested at this Search Distance

Sites may be listed in more than one database

1
Target
Property

BILLINGS CHEVROLET INC
600 BARBER LN
MILPITAS, CA 95035

RCRA-SQG
HAZNET
EMI

1000856933
CA0000005918

Actual:
26 ft.

RCRAInfo:
Owner: BILLING CHEVROLET INC
(408) 453-8200
EPA ID: CA0000005918

Contact: GERALD MAYES
(408) 453-8200

Classification: Small Quantity Generator
TSDF Activities: Not reported

Violation Status: No violations found

HAZNET:

Gepaid:	CA0000005918
Contact:	GERALD MAYES/V PRES
Telephone:	4084538200
Facility Addr2:	Not reported
Mailing Name:	Not reported
Mailing Address:	600 BARBER LN
Mailing City,St,Zip:	MILPITAS, CA 950357911
Gen County:	Santa Clara
TSD EPA ID:	CA0000084517
TSD County:	Santa Clara
Waste Category:	Aqueous solution with less than 10% total organic residues
Disposal Method:	Transfer Station
Tons:	0.07
Facility County:	Santa Clara

Gepaid:	CA0000005918
Contact:	BILLING CHEVROLET INC
Telephone:	4084538200
Facility Addr2:	Not reported
Mailing Name:	Not reported
Mailing Address:	600 BARBER LN
Mailing City,St,Zip:	MILPITAS, CA 950357911
Gen County:	Santa Clara
TSD EPA ID:	CAD093459485
TSD County:	Fresno
Waste Category:	Unspecified solvent mixture Waste
Disposal Method:	Transfer Station
Tons:	.1162
Facility County:	Santa Clara

Gepaid:	CA0000005918
Contact:	BILLING CHEVROLET INC
Telephone:	4084538200
Facility Addr2:	Not reported
Mailing Name:	Not reported
Mailing Address:	600 BARBER LN
Mailing City,St,Zip:	MILPITAS, CA 950357911
Gen County:	Santa Clara
TSD EPA ID:	CAD980887418
TSD County:	1
Waste Category:	Aqueous solution with less than 10% total organic residues
Disposal Method:	Transfer Station

BILLINGS CHEVROLET INC (Continued) **1000856933**

Tons: .2710
Facility County: Santa Clara

Gepaid: CA0000005918
Contact: BILLING CHEVROLET INC
Telephone: 4084538200
Facility Addr2: Not reported
Mailing Name: Not reported
Mailing Address: 600 BARBER LN
Mailing City,St,Zip: MILPITAS, CA 950357911
Gen County: Santa Clara
TSD EPA ID: CA0000084517
TSD County: Sacramento
Waste Category: Aqueous solution with less than 10% total organic residues
Disposal Method: Treatment, Tank
Tons: 0.0332
Facility County: Santa Clara

Gepaid: CA0000005918
Contact: BILLING CHEVROLET INC
Telephone: 4084538200
Facility Addr2: Not reported
Mailing Name: Not reported
Mailing Address: 600 BARBER LN
Mailing City,St,Zip: MILPITAS, CA 950357911
Gen County: Santa Clara
TSD EPA ID: CAD093459485
TSD County: Fresno
Waste Category: Aqueous solution with less than 10% total organic residues
Disposal Method: Treatment, Tank
Tons: 0.083
Facility County: Santa Clara

Click this hyperlink while viewing on your computer to access
9 additional CA_HAZNET: record(s) in the EDR Site Report.

EMI:

Year:	1999
Carbon Monoxide Emissions Tons/Yr:	43
Air Basin:	SF
Facility ID:	12463
Air District Name:	BA
SIC Code:	5511
Air District Name:	BAY AREA AQMD
Community Health Air Pollution Info System:	Not reported
Consolidated Emission Reporting Rule:	Not reported
Total Organic Hydrocarbon Gases Tons/Yr:	1
Reactive Organic Gases Tons/Yr:	1
Carbon Monoxide Emissions Tons/Yr:	0
NOX - Oxides of Nitrogen Tons/Yr:	0
SOX - Oxides of Sulphur Tons/Yr:	0
Particulate Matter Tons/Yr:	0
Part. Matter 10 Micrometers & Smllr Tons/Yr:	0

Year:	2000
Carbon Monoxide Emissions Tons/Yr:	43
Air Basin:	SF

BILLINGS CHEVROLET INC (Continued) **1000856933**

Facility ID:	12463
Air District Name:	BA
SIC Code:	5511
Air District Name:	BAY AREA AQMD
Community Health Air Pollution Info System:	Not reported
Consolidated Emission Reporting Rule:	Not reported
Total Organic Hydrocarbon Gases Tons/Yr:	1
Reactive Organic Gases Tons/Yr:	1
Carbon Monoxide Emissions Tons/Yr:	0
NOX - Oxides of Nitrogen Tons/Yr:	0
SOX - Oxides of Sulphur Tons/Yr:	0
Particulate Matter Tons/Yr:	0
Part. Matter 10 Micrometers & Smllr Tons/Yr:	0

Year:	2001
Carbon Monoxide Emissions Tons/Yr:	43
Air Basin:	SF
Facility ID:	12463
Air District Name:	BA
SIC Code:	5511
Air District Name:	BAY AREA AQMD
Community Health Air Pollution Info System:	Not reported
Consolidated Emission Reporting Rule:	Not reported
Total Organic Hydrocarbon Gases Tons/Yr:	1
Reactive Organic Gases Tons/Yr:	1
Carbon Monoxide Emissions Tons/Yr:	0
NOX - Oxides of Nitrogen Tons/Yr:	0
SOX - Oxides of Sulphur Tons/Yr:	0
Particulate Matter Tons/Yr:	0
Part. Matter 10 Micrometers & Smllr Tons/Yr:	0

Year:	2002
Carbon Monoxide Emissions Tons/Yr:	43
Air Basin:	SF
Facility ID:	12463
Air District Name:	BA
SIC Code:	5511
Air District Name:	BAY AREA AQMD
Community Health Air Pollution Info System:	Not reported
Consolidated Emission Reporting Rule:	Not reported
Total Organic Hydrocarbon Gases Tons/Yr:	1
Reactive Organic Gases Tons/Yr:	1
Carbon Monoxide Emissions Tons/Yr:	0
NOX - Oxides of Nitrogen Tons/Yr:	0
SOX - Oxides of Sulphur Tons/Yr:	0
Particulate Matter Tons/Yr:	0
Part. Matter 10 Micrometers & Smllr Tons/Yr:	0

Year:	2003
Carbon Monoxide Emissions Tons/Yr:	43
Air Basin:	SF
Facility ID:	12463
Air District Name:	BA
SIC Code:	5511
Air District Name:	BAY AREA AQMD
Community Health Air Pollution Info System:	Not reported
Consolidated Emission Reporting Rule:	Not reported

BILLINGS CHEVROLET INC (Continued) **1000856933**

Total Organic Hydrocarbon Gases Tons/Yr:	1
Reactive Organic Gases Tons/Yr:	1
Carbon Monoxide Emissions Tons/Yr:	0
NOX - Oxides of Nitrogen Tons/Yr:	0
SOX - Oxides of Sulphur Tons/Yr:	0
Particulate Matter Tons/Yr:	0
Part. Matter 10 Micrometers & Smllr Tons/Yr:	0

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2 **DRS LOAN MAI NGUYEN/TOMMY TONG DDS** **HAZNET** **S103658022**
NNW **410 BARBER** **N/A**
< 1/8 **MILPITAS, CA 95035**
288 ft.

Relative:
Lower

Actual:
24 ft.

HAZNET:

Gepaid:	CAL000161403
Contact:	DRS NGUYEN & TONG/DDS
Telephone:	0000000000
Facility Addr2:	Not reported
Mailing Name:	Not reported
Mailing Address:	410 BARBER LN
Mailing City,St,Zip:	MILPITAS, CA 950350000
Gen County:	Santa Clara
TSD EPA ID:	CAL000082530
TSD County:	Santa Clara
Waste Category:	Not reported
Disposal Method:	Treatment, Tank
Tons:	.0000
Facility County:	Santa Clara

Gepaid:	CAL000161403
Contact:	DRS NGUYEN & TONG/DDS
Telephone:	0000000000
Facility Addr2:	Not reported
Mailing Name:	Not reported
Mailing Address:	410 BARBER LN
Mailing City,St,Zip:	MILPITAS, CA 950350000
Gen County:	Santa Clara
TSD EPA ID:	CAL000082530
TSD County:	Santa Clara
Waste Category:	Photochemicals/photoprocessing waste
Disposal Method:	Treatment, Tank
Tons:	.0291
Facility County:	Santa Clara

Gepaid:	CAL000161403
Contact:	DRS NGUYEN & TONG/DDS
Telephone:	0000000000
Facility Addr2:	Not reported
Mailing Name:	Not reported
Mailing Address:	410 BARBER LN
Mailing City,St,Zip:	MILPITAS, CA 950350000
Gen County:	Santa Clara
TSD EPA ID:	CAL000082530
TSD County:	Santa Clara
Waste Category:	Photochemicals/photoprocessing waste
Disposal Method:	Treatment, Tank
Tons:	.0166
Facility County:	Santa Clara

DRS LOAN MAI NGUYEN/TOMMY TONG DDS (Continued) **S103658022**

Gepaid:	CAL000161403
Contact:	DRS NGUYEN & TONG/DDS
Telephone:	0000000000
Facility Addr2:	Not reported
Mailing Name:	Not reported
Mailing Address:	410 BARBER LN
Mailing City,St,Zip:	MILPITAS, CA 950350000
Gen County:	Santa Clara
TSD EPA ID:	CAL000082530
TSD County:	Santa Clara
Waste Category:	Not reported
Disposal Method:	Treatment, Tank
Tons:	.0000
Facility County:	Santa Clara

Click this hyperlink while viewing on your computer to access
-1 additional CA_HAZNET: record(s) in the EDR Site Report.

A3 **HOLIDAY INN** **HAZNET** **S102792374**
NW **777 BELLEW** **N/A**
1/8-1/4 **MILPITAS, CA 95035**
1096 ft.

Site 1 of 2 in cluster A

Relative:
Lower

Actual:
23 ft.

HAZNET:

Gepaid:	CAC001206784
Contact:	CORPORATION
Telephone:	4083219500
Facility Addr2:	Not reported
Mailing Name:	Not reported
Mailing Address:	777 BELLEW
Mailing City,St,Zip:	MILPITAS, CA 950350000
Gen County:	Santa Clara
TSD EPA ID:	CAD009452657
TSD County:	San Mateo
Waste Category:	Aqueous solution with 10% or more total organic residues
Disposal Method:	Recycler
Tons:	.0834
Facility County:	Santa Clara

Gepaid:	CAC000717728
Contact:	JEFF GUARDIOLA
Telephone:	4089450800
Facility Addr2:	Not reported
Mailing Name:	Not reported
Mailing Address:	777 BELLEW
Mailing City,St,Zip:	MILPITAS, CA 950350000
Gen County:	Santa Clara
TSD EPA ID:	CAD009452657
TSD County:	San Mateo
Waste Category:	Aqueous solution with 10% or more total organic residues
Disposal Method:	Disposal, Other
Tons:	.2126
Facility County:	Santa Clara

Gepaid:	CAC001324288
Contact:	DANIEL BROWN
Telephone:	4083219500

HOLIDAY INN (Continued) **S102792374**

Facility Addr2:	Not reported
Mailing Name:	Not reported
Mailing Address:	777 BELLEW
Mailing City,St,Zip:	MILPITAS, CA 950350000
Gen County:	Santa Clara
TSD EPA ID:	CAD982
TSD County:	0
Waste Category:	Other organic solids
Disposal Method:	Recycler
Tons:	.4500
Facility County:	Santa Clara

A4 **HOLIDAY INN SAN JOSE NORTH** **HAZNET** **S104569345**
NW **777 BELLEW** **N/A**
1/8-1/4 **MILPITAS, CA 95035**
1096 ft.

Site 2 of 2 in cluster A

Relative:
Lower

Actual:
23 ft.

HAZNET:

Gepaid:	CAC002108944
Contact:	BRISTOL HOTELS & RESORTS
Telephone:	4083219500
Facility Addr2:	Not reported
Mailing Name:	Not reported
Mailing Address:	777 BELLEW
Mailing City,St,Zip:	MILPITAS, CA 950350000
Gen County:	Santa Clara
TSD EPA ID:	CAD009452657
TSD County:	San Mateo
Waste Category:	Aqueous solution with 10% or more total organic residues
Disposal Method:	Recycler
Tons:	0.2293
Facility County:	Santa Clara

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5 **MCCARTHY RANCH AT BELLEW** **HIST LUST** **S101308985**
NNW **COYOTE CREEK REACH 3** **N/A**
1/8-1/4 **MILPITAS, CA**
1147 ft.

Relative:
Lower

Actual:
23 ft.

HIST LUST:

Region:	SANTA CLARA
SCVWD ID:	06S1W13C02
Region Code:	2
Oversite Agency:	SFRWQCB
Date Listed:	1994-01-26 00:00:00
Closed Date:	1996-04-16 00:00:00

6
WNW
1/8-1/4
1304 ft.

RENEE LEON DAVILLA TRUCKING — **HAZNET** — **S102799505**
CYPRESS DR / BELLEW DR — **N/A**
MILPITAS, CA 00000

Relative:
Lower

Actual:
21 ft.

HAZNET:

Gepaid:	CAC000952912
Contact:	RENEE LEON DAVILLA TRUCKING
Telephone:	2095312648
Facility Addr2:	Not reported
Mailing Name:	Not reported
Mailing Address:	1313 THOMAS NELL WY
Mailing City,St,Zip:	CERES, CA 953070000
Gen County:	Santa Clara
TSD EPA ID:	CAT000646117
TSD County:	Kings
Waste Category:	Other organic solids
Disposal Method:	Disposal, Land Fill
Tons:	.2000
Facility County:	Santa Clara

7
NNW
1/8-1/4
1318 ft.

ALAN CHEUNG, DDS — **HAZNET** — **S103949156**
302 BARBER COURT — **N/A**
MILPITAS, CA 95035

Relative:
Lower

Actual:
23 ft.

HAZNET:

Gepaid:	CAL000144729
Contact:	ALAN CHEUNG, DDS
Telephone:	0000000000
Facility Addr2:	Not reported
Mailing Name:	Not reported
Mailing Address:	302 BARBER CT
Mailing City,St,Zip:	MILPITAS, CA 950350000
Gen County:	Santa Clara
TSD EPA ID:	CAL000082530
TSD County:	Santa Clara
Waste Category:	Not reported
Disposal Method:	Treatment, Tank
Tons:	.0000
Facility County:	Santa Clara

Gepaid:	CAL000144729
Contact:	ALAN CHEUNG, DDS
Telephone:	0000000000
Facility Addr2:	Not reported
Mailing Name:	Not reported
Mailing Address:	302 BARBER CT
Mailing City,St,Zip:	MILPITAS, CA 950350000
Gen County:	Santa Clara
TSD EPA ID:	CAL000082530
TSD County:	Santa Clara
Waste Category:	Photochemicals/photoprocessing waste
Disposal Method:	Treatment, Tank
Tons:	.0166
Facility County:	Santa Clara

Gepaid:	CAL000144729
Contact:	ALAN CHEUNG, DDS
Telephone:	0000000000

ALAN CHEUNG, DDS (Continued) **S103949156**

Facility Addr2:	Not reported
Mailing Name:	Not reported
Mailing Address:	302 BARBER CT
Mailing City,St,Zip:	MILPITAS, CA 950350000
Gen County:	Santa Clara
TSD EPA ID:	CAL000082530
TSD County:	Santa Clara
Waste Category:	Not reported
Disposal Method:	Treatment, Tank
Tons:	0
Facility County:	Santa Clara

Gepaid:	CAL000144729
Contact:	ALAN CHEUNG, DDS
Telephone:	0000000000
Facility Addr2:	Not reported
Mailing Name:	Not reported
Mailing Address:	302 BARBER CT
Mailing City,St,Zip:	MILPITAS, CA 950350000
Gen County:	Santa Clara
TSD EPA ID:	CAL000082530
TSD County:	Santa Clara
Waste Category:	Unspecified organic liquid mixture
Disposal Method:	Treatment, Tank
Tons:	0.0083
Facility County:	Santa Clara

Gepaid:	CAL000144729
Contact:	ALAN CHEUNG, DDS
Telephone:	0000000000
Facility Addr2:	Not reported
Mailing Name:	Not reported
Mailing Address:	302 BARBER CT
Mailing City,St,Zip:	MILPITAS, CA 950350000
Gen County:	Santa Clara
TSD EPA ID:	CAL000175030
TSD County:	Santa Clara
Waste Category:	Not reported
Disposal Method:	Recycler
Tons:	0
Facility County:	Santa Clara

Click this hyperlink while viewing on your computer to access
15 additional CA_HAZNET: record(s) in the EDR Site Report.

B8 **APPRO INTERNATIONAL INC** **HAZNET** **S103950455**
North **446 S ABBOTT AVE** **N/A**
1/8-1/4 **MILPITAS, CA 95035**
1319 ft.

Site 1 of 2 in cluster B

Relative:
Lower

Actual:
22 ft.

HAZNET:

Gepaid:	CAL000140152
Contact:	APPRO MANUFACTURING CORP
Telephone:	4089418100
Facility Addr2:	Not reported
Mailing Name:	Not reported
Mailing Address:	446 S ABBOTT AVE

APPRO INTERNATIONAL INC (Continued) **S103950455**

Mailing City,St,Zip: MILPITAS, CA 950350000
Gen County: Santa Clara
TSD EPA ID: CAD009452657
TSD County: San Mateo
Waste Category: Other organic solids
Disposal Method: Treatment, Incineration
Tons: .6000
Facility County: Santa Clara

Gepaid: CAL000140152
Contact: APPRO MANUFACTURING CORP
Telephone: 4089418100
Facility Addr2: Not reported
Mailing Name: Not reported
Mailing Address: 446 S ABBOTT AVE
Mailing City,St,Zip: MILPITAS, CA 950350000
Gen County: Santa Clara
TSD EPA ID: CAD009452657
TSD County: San Mateo
Waste Category: Other organic solids
Disposal Method: Disposal, Land Fill
Tons: .2500
Facility County: Santa Clara

Gepaid: CAL000140152
Contact: APPRO MANUFACTURING CORP
Telephone: 4089418100
Facility Addr2: Not reported
Mailing Name: Not reported
Mailing Address: 446 S ABBOTT AVE
Mailing City,St,Zip: MILPITAS, CA 950350000
Gen County: Santa Clara
TSD EPA ID: CAL000161743
TSD County: Santa Clara
Waste Category: Unspecified oil-containing waste
Disposal Method: Transfer Station
Tons: .2500
Facility County: Santa Clara

Gepaid: CAL000140152
Contact: APPRO MANUFACTURING CORP
Telephone: 4089418100
Facility Addr2: Not reported
Mailing Name: Not reported
Mailing Address: 446 S ABBOTT AVE
Mailing City,St,Zip: MILPITAS, CA 950350000
Gen County: Santa Clara
TSD EPA ID: CAL000161743
TSD County: Santa Clara
Waste Category: Other organic solids
Disposal Method: Transfer Station
Tons: .3000
Facility County: Santa Clara

Gepaid: CAL000140152
Contact: APPRO MANUFACTURING CORP
Telephone: 4089418100

APPRO INTERNATIONAL INC (Continued) **S103950455**

Facility Addr2:	Not reported
Mailing Name:	Not reported
Mailing Address:	446 S ABBOTT AVE
Mailing City,St,Zip:	MILPITAS, CA 950350000
Gen County:	Santa Clara
TSD EPA ID:	CAL000161743
TSD County:	Santa Clara
Waste Category:	Waste oil and mixed oil
Disposal Method:	Transfer Station
Tons:	0.3544
Facility County:	Santa Clara

Click this hyperlink while viewing on your computer to access
9 additional CA_HAZNET: record(s) in the EDR Site Report.

B9 **KP CORPORATION** **HAZNET** **S105724734**
North **428 SO ABBOTT AVE** **N/A**
1/4-1/2 **MILPITAS, CA 95035**
1395 ft.

Site 2 of 2 in cluster B

Relative:
Lower

Actual:
22 ft.

HAZNET:

Gepaid:	CAL000214600
Contact:	MIKE MURUA/ OPER MGR
Telephone:	4089579324
Facility Addr2:	Not reported
Mailing Name:	Not reported
Mailing Address:	428 SO ABBOTT AVE
Mailing City,St,Zip:	MILPITAS, CA 950350000
Gen County:	Santa Clara
TSD EPA ID:	Not reported
TSD County:	Santa Clara
Waste Category:	Photochemicals/photoprocessing waste
Disposal Method:	Recycler
Tons:	0.43
Facility County:	Not reported

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10 **CHMIRS** **S100222027**
North **HWY 680 S/O HWY 237** **N/A**
1/4-1/2 **MILPITAS, CA**
1410 ft.

Relative:
Lower

Actual:
22 ft.

CHMIRS:

OES Incident Number:	9990589
OES notification:	Not reported
OES Date:	Not reported
OES Time:	Not reported
Incident Date:	26-JUN-88
Date Completed:	**26-JUN-88**
Property Use:	961
Agency Id Number:	43030
Agency Incident Number:	13295F
Time Notified:	1117
Time Completed:	1148
Surrounding Area:	961
Estimated Temperature:	Not reported

(Continued) **S100222027**

Property Management:	Not reported
Special Studies 1:	Not reported
Special Studies 2:	Not reported
Special Studies 3:	Not reported
Special Studies 4:	Not reported
Special Studies 5:	Not reported
Special Studies 6:	Not reported
More Than Two Substances Involved?:	N
Resp Agncy Personel # Of Decontaminated:	Not reported
Responding Agency Personel # Of Injuries:	Not reported
Responding Agency Personel # Of Fatalities:	Not reported
Others Number Of Decontaminated:	Not reported
Others Number Of Injuries:	Not reported
Others Number Of Fatalities:	Not reported
Vehicle Make/year:	FORD TRUCK F150 / 1985
Vehicle License Number:	2T88284
Vehicle State:	CA
Vehicle Id Number:	Not reported
CA/DOT/PUC/ICC Number:	Not reported
Company Name:	BAJA CONSTRUCTION
Reporting Officer Name/ID:	JIM PALMER, LT. / C-14
Report Date:	26-JUN-88
Comments:	N
Facility Telephone:	408 942-2388
Waterway Involved:	Not reported
Waterway:	Not reported
Spill Site:	Not reported
Cleanup By:	Not reported
Containment:	Not reported
What Happened:	Not reported
Type:	Not reported
Measure:	Not reported
Other:	Not reported
Date/Time:	Not reported
Year:	88-92
Agency:	Not reported
Incident Date:	Not reported
Admin Agency:	Not reported
Amount:	Not reported
Contained:	Not reported
Site Type:	Not reported
E Date:	16-MAR-89
Substance:	Not reported
Quantity Released:	Not reported
BBLS:	Not reported
Cups:	Not reported
CUFT:	Not reported
Gallons:	Not reported
Grams:	Not reported
Pounds:	Not reported
Liters:	Not reported
Ounces:	Not reported
Pints:	Not reported
Quarts:	Not reported
Sheen:	Not reported
Tons:	Not reported
Unknown:	Not reported

(Continued) **S100222027**

Description:	Not reported
Evacuations:	Not reported
Number of Injuries:	Not reported
Number of Fatalities:	Not reported

C11 **KLA TENCOR** **EMI** **S106248687**
WNW **1 TECHNOLOGY DRIVE** **N/A**
1/4-1/2 **MILPITAS, CA 95035**
1570 ft.

Site 1 of 2 in cluster C

Relative:
Lower

Actual:
22 ft.

EMI:

Year:	2002
Carbon Monoxide Emissions Tons/Yr:	43
Air Basin:	SF
Facility ID:	13399
Air District Name:	BA
SIC Code:	3825
Air District Name:	BAY AREA AQMD
Community Health Air Pollution Info System:	Not reported
Consolidated Emission Reporting Rule:	Not reported
Total Organic Hydrocarbon Gases Tons/Yr:	1
Reactive Organic Gases Tons/Yr:	1
Carbon Monoxide Emissions Tons/Yr:	2
NOX - Oxides of Nitrogen Tons/Yr:	8
SOX - Oxides of Sulphur Tons/Yr:	0
Particulate Matter Tons/Yr:	0
Part. Matter 10 Micrometers & Smllr Tons/Yr:	0

Year:	2003
Carbon Monoxide Emissions Tons/Yr:	43
Air Basin:	SF
Facility ID:	13399
Air District Name:	BA
SIC Code:	3825
Air District Name:	BAY AREA AQMD
Community Health Air Pollution Info System:	Not reported
Consolidated Emission Reporting Rule:	Not reported
Total Organic Hydrocarbon Gases Tons/Yr:	1
Reactive Organic Gases Tons/Yr:	1
Carbon Monoxide Emissions Tons/Yr:	0
NOX - Oxides of Nitrogen Tons/Yr:	0
SOX - Oxides of Sulphur Tons/Yr:	0
Particulate Matter Tons/Yr:	0
Part. Matter 10 Micrometers & Smllr Tons/Yr:	0

Year:	2004
Carbon Monoxide Emissions Tons/Yr:	43
Air Basin:	SF
Facility ID:	13399
Air District Name:	BA
SIC Code:	3825
Air District Name:	BAY AREA AQMD
Community Health Air Pollution Info System:	Not reported
Consolidated Emission Reporting Rule:	Not reported
Total Organic Hydrocarbon Gases Tons/Yr:	1.489
Reactive Organic Gases Tons/Yr:	0.7966606
Carbon Monoxide Emissions Tons/Yr:	0.055

KLA TENCOR (Continued) **S106248687**

NOX - Oxides of Nitrogen Tons/Yr:	0.206
SOX - Oxides of Sulphur Tons/Yr:	0
Particulate Matter Tons/Yr:	0.007
Part. Matter 10 Micrometers & Smllr Tons/Yr:	0.006832

C12
WNW
1/4-1/2
1570 ft.

Relative:
Lower

Actual:
22 ft.

KLA-TENCOR **HAZNET** **S103619483**
1 TECHNOLOGY DR **N/A**
MILPITAS, CA 95035

Site 2 of 2 in cluster C

HAZNET:

Gepaid:	CAL000101065
Contact:	KLA-TENCOR
Telephone:	0000000000
Facility Addr2:	Not reported
Mailing Name:	Not reported
Mailing Address:	160 RIO ROBLES
Mailing City,St,Zip:	SAN JOSE, CA 951340000
Gen County:	Santa Clara
TSD EPA ID:	CAD044429835
TSD County:	Los Angeles
Waste Category:	Unspecified oil-containing waste
Disposal Method:	Disposal, Other
Tons:	.1250
Facility County:	Santa Clara

Gepaid:	CAL000101065
Contact:	KLA-TENCOR
Telephone:	0000000000
Facility Addr2:	Not reported
Mailing Name:	Not reported
Mailing Address:	160 RIO ROBLES
Mailing City,St,Zip:	SAN JOSE, CA 951340000
Gen County:	Santa Clara
TSD EPA ID:	CAD044429835
TSD County:	Los Angeles
Waste Category:	Waste oil and mixed oil
Disposal Method:	Recycler
Tons:	.3500
Facility County:	Santa Clara

Gepaid:	CAL000101065
Contact:	KLA-TENCOR
Telephone:	0000000000
Facility Addr2:	Not reported
Mailing Name:	Not reported
Mailing Address:	160 RIO ROBLES
Mailing City,St,Zip:	SAN JOSE, CA 951340000
Gen County:	Santa Clara
TSD EPA ID:	CAD044429835
TSD County:	Los Angeles
Waste Category:	Laboratory waste chemicals
Disposal Method:	Disposal, Other
Tons:	.1450
Facility County:	Santa Clara

Gepaid:	CAL000101065

KLA-TENCOR (Continued) **S103619483**

Contact:	KLA-TENCOR
Telephone:	0000000000
Facility Addr2:	Not reported
Mailing Name:	Not reported
Mailing Address:	160 RIO ROBLES
Mailing City,St,Zip:	SAN JOSE, CA 951340000
Gen County:	Santa Clara
TSD EPA ID:	CAD044429835
TSD County:	Los Angeles
Waste Category:	Off-specification, aged, or surplus organics
Disposal Method:	Disposal, Other
Tons:	0.08
Facility County:	Santa Clara

Gepaid:	CAL000101065
Contact:	KLA-TENCOR
Telephone:	0000000000
Facility Addr2:	Not reported
Mailing Name:	Not reported
Mailing Address:	160 RIO ROBLES
Mailing City,St,Zip:	SAN JOSE, CA 951340000
Gen County:	Santa Clara
TSD EPA ID:	CAD044429835
TSD County:	Los Angeles
Waste Category:	Off-specification, aged, or surplus organics
Disposal Method:	Recycler
Tons:	0.0875
Facility County:	Santa Clara

Click this hyperlink while viewing on your computer to access
2 additional CA_HAZNET: record(s) in the EDR Site Report.

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13 **RUEL C TSAI DENTAL CORPORATION** **HAZNET** **S104581255**
SSE **760 BARBER LN** **N/A**
1/4-1/2 **MILPITAS, CA 95035**
1575 ft.

Relative:
Higher

Actual:
28 ft.

HAZNET:

Gepaid:	CAL000182005
Contact:	RUEL C TSAI DDS
Telephone:	4083218880
Facility Addr2:	Not reported
Mailing Name:	Not reported
Mailing Address:	760 BARBER LN
Mailing City,St,Zip:	MILPITAS, CA 950350000
Gen County:	Santa Clara
TSD EPA ID:	CAL000175030
TSD County:	Santa Clara
Waste Category:	Not reported
Disposal Method:	Recycler
Tons:	0
Facility County:	Santa Clara

Gepaid:	CAL000182005
Contact:	RUEL C TSAI DDS
Telephone:	4083218880
Facility Addr2:	Not reported
Mailing Name:	Not reported

RUEL C TSAI DENTAL CORPORATION (Continued) **S104581255**

Mailing Address: 760 BARBER LN
Mailing City,St,Zip: MILPITAS, CA 950350000
Gen County: Santa Clara
TSD EPA ID: CAL000175030
TSD County: Santa Clara
Waste Category: Not reported
Disposal Method: Treatment, Tank
Tons: 0
Facility County: Santa Clara

Gepaid: CAL000182005
Contact: RUEL C TSAI DDS
Telephone: 4083218880
Facility Addr2: Not reported
Mailing Name: Not reported
Mailing Address: 760 BARBER LN
Mailing City,St,Zip: MILPITAS, CA 950350000
Gen County: Santa Clara
TSD EPA ID: CAL000175030
TSD County: Santa Clara
Waste Category: Unspecified organic liquid mixture
Disposal Method: Treatment, Tank
Tons: 0.002
Facility County: Santa Clara

Gepaid: CAL000182005
Contact: RUEL C TSAI DDS
Telephone: 4083218880
Facility Addr2: Not reported
Mailing Name: Not reported
Mailing Address: 760 BARBER LN
Mailing City,St,Zip: MILPITAS, CA 950350000
Gen County: Santa Clara
TSD EPA ID: CAL000175030
TSD County: Santa Clara
Waste Category: Unspecified organic liquid mixture
Disposal Method: Treatment, Tank
Tons: .0083
Facility County: Santa Clara

Gepaid: CAL000182005
Contact: RUEL C TSAI DDS
Telephone: 4083218880
Facility Addr2: Not reported
Mailing Name: Not reported
Mailing Address: 760 BARBER LN
Mailing City,St,Zip: MILPITAS, CA 950350000
Gen County: Santa Clara
TSD EPA ID: CAL000175030
TSD County: Santa Clara
Waste Category: Not reported
Disposal Method: Treatment, Tank
Tons: .0000
Facility County: Santa Clara

RUEL C TSAI DENTAL CORPORATION (Continued) **S104581255**

Click this hyperlink while viewing on your computer to access
9 additional CA_HAZNET: record(s) in the EDR Site Report.

D14 **E M S L ANALYTICAL INC** **RCRA-SQG** **1001486878**
North **382 S ABBOTT AVE** **CAR000052514**
1/4-1/2 **MILPITAS, CA 95035**
1587 ft.

Site 1 of 2 in cluster D

Relative:
Lower

Actual:
22 ft.

RCRAInfo:

Owner:	DR PETER FRASCA
	(800) 220-3675
EPA ID:	CAR000052514
Contact:	NONETTE PATRON
	(888) 455-3675
Classification:	Small Quantity Generator
TSDF Activities:	Not reported

Violation Status: No violations found

D15 **EMSL ANTILITICAL** **HAZNET** **S104583163**
North **382 S ABBOTT AVE** **N/A**
1/4-1/2 **MILPITAS, CA 95035**
1587 ft.

Site 2 of 2 in cluster D

Relative:
Lower

Actual:
22 ft.

HAZNET:

Gepaid:	CAL000209378
Contact:	EMSL ANTILITICAL
Telephone:	4089347010
Facility Addr2:	Not reported
Mailing Name:	Not reported
Mailing Address:	382 S ABBOTT AVE
Mailing City,St,Zip:	MILPITAS, CA 950350000
Gen County:	Santa Clara
TSD EPA ID:	CAD003963592
TSD County:	Santa Clara
Waste Category:	Other inorganic solid waste
Disposal Method:	Recycler
Tons:	0.075
Facility County:	Santa Clara

Gepaid:	CAL000209378
Contact:	EMSL ANTILITICAL
Telephone:	4089347010
Facility Addr2:	Not reported
Mailing Name:	Not reported
Mailing Address:	382 S ABBOTT AVE
Mailing City,St,Zip:	MILPITAS, CA 950350000
Gen County:	Santa Clara
TSD EPA ID:	CAD097030993
TSD County:	Los Angeles
Waste Category:	Liquids with pH <UN-> 2 with metals
Disposal Method:	Recycler
Tons:	0.2293
Facility County:	Santa Clara

EMSL ANTILITICAL (Continued) **S104583163**

Gepaid:	CAL000209378
Contact:	NONETTE PATRON-MGR
Telephone:	4089347010
Facility Addr2:	Not reported
Mailing Name:	Not reported
Mailing Address:	382 S ABBOTT AVE
Mailing City,St,Zip:	MILPITAS, CA 950350000
Gen County:	Santa Clara
TSD EPA ID:	Not reported
TSD County:	Santa Clara
Waste Category:	Other inorganic solid waste
Disposal Method:	Recycler
Tons:	0.11
Facility County:	Not reported

Gepaid:	CAL000209378
Contact:	NONETTE PATRON-MGR
Telephone:	4089347010
Facility Addr2:	Not reported
Mailing Name:	Not reported
Mailing Address:	382 S ABBOTT AVE
Mailing City,St,Zip:	MILPITAS, CA 950350000
Gen County:	Santa Clara
TSD EPA ID:	Not reported
TSD County:	Los Angeles
Waste Category:	Liquids with pH <UN-> 2 with metals
Disposal Method:	Recycler
Tons:	0.22
Facility County:	Not reported

Gepaid:	CAL000209378
Contact:	NONETTE PATRON-MGR
Telephone:	4089347010
Facility Addr2:	Not reported
Mailing Name:	Not reported
Mailing Address:	382 S ABBOTT AVE
Mailing City,St,Zip:	MILPITAS, CA 950350000
Gen County:	Santa Clara
TSD EPA ID:	Not reported
TSD County:	San Joaquin
Waste Category:	Asbestos-containing waste
Disposal Method:	Disposal, Land Fill
Tons:	0.84
Facility County:	Not reported

Click this hyperlink while viewing on your computer to access
8 additional CA_HAZNET: record(s) in the EDR Site Report.

16
SSW
1/4-1/2
1652 ft.

CISCO SYSTEMS INC
725 ALDER DRIVE
MILPITAS, CA 95035

EMI **S107620498**
N/A

Relative:
Higher

Actual:
28 ft.

EMI:

Year:	2004
Carbon Monoxide Emissions Tons/Yr:	43
Air Basin:	SF
Facility ID:	15583
Air District Name:	BA
SIC Code:	3577
Air District Name:	BAY AREA AQMD
Community Health Air Pollution Info System:	Not reported
Consolidated Emission Reporting Rule:	Not reported
Total Organic Hydrocarbon Gases Tons/Yr:	0.01
Reactive Organic Gases Tons/Yr:	0.008367
Carbon Monoxide Emissions Tons/Yr:	0.029
NOX - Oxides of Nitrogen Tons/Yr:	0.132
SOX - Oxides of Sulphur Tons/Yr:	0.004
Particulate Matter Tons/Yr:	0.009
Part. Matter 10 Micrometers & Smllr Tons/Yr:	0.008784

17
NNE
1/4-1/2
1653 ft.

BABA BUDDA JI CARRIER
340 RIO VERDE PL NO 1
MILPITAS, CA 95035

RCRA-SQG **1004678382**
CAR000108340

Relative:
Lower

Actual:
21 ft.

RCRAInfo:

Owner:	INDERJIT SINGH RANDHAWA (408) 592-8425
EPA ID:	CAR000108340
Contact:	INDERJIT RANDHAWA (408) 592-8425
Classification:	Small Quantity Generator
TSDF Activities:	Not reported

Violation Status: No violations found

18
NE
1/4-1/2
1706 ft.

225 SYLIVIA AVENUE
MILPITAS, CA 95035

CHMIRS **S100277342**
N/A

Relative:
Lower

Actual:
21 ft.

CHMIRS:

OES Incident Number:	9115794
OES notification:	Not reported
OES Date:	Not reported
OES Time:	Not reported
Incident Date:	08-MAR-91
Date Completed:	**08-MAR-91**
Property Use:	400
Agency Id Number:	43030
Agency Incident Number:	91-4919F
Time Notified:	1120
Time Completed:	1140
Surrounding Area:	400
Estimated Temperature:	70

(Continued) **S100277342**

Property Management:	C
Special Studies 1:	Not reported
Special Studies 2:	Not reported
Special Studies 3:	Not reported
Special Studies 4:	Not reported
Special Studies 5:	Not reported
Special Studies 6:	Not reported
More Than Two Substances Involved?:	N
Resp Agncy Personel # Of Decontaminated:	0
Responding Agency Personel # Of Injuries:	0
Responding Agency Personel # Of Fatalities:	0
Others Number Of Decontaminated:	0
Others Number Of Injuries:	0
Others Number Of Fatalities:	0
Vehicle Make/year:	Not reported
Vehicle License Number:	Not reported
Vehicle State:	Not reported
Vehicle Id Number:	Not reported
CA/DOT/PUC/ICC Number:	Not reported
Company Name:	Not reported
Reporting Officer Name/ID:	JIM PALMER
Report Date:	08-MAR-91
Comments:	N
Facility Telephone:	408 942-2388
Waterway Involved:	Not reported
Waterway:	Not reported
Spill Site:	Not reported
Cleanup By:	Not reported
Containment:	Not reported
What Happened:	Not reported
Type:	Not reported
Measure:	Not reported
Other:	Not reported
Date/Time:	Not reported
Year:	88-92
Agency:	Not reported
Incident Date:	Not reported
Admin Agency:	Not reported
Amount:	Not reported
Contained:	Not reported
Site Type:	Not reported
E Date:	17-JUN-92
Substance:	Not reported
Quantity Released:	Not reported
BBLS:	Not reported
Cups:	Not reported
CUFT:	Not reported
Gallons:	Not reported
Grams:	Not reported
Pounds:	Not reported
Liters:	Not reported
Ounces:	Not reported
Pints:	Not reported
Quarts:	Not reported
Sheen:	Not reported
Tons:	Not reported
Unknown:	Not reported

(Continued) **S100277342**

Description:	Not reported
Evacuations:	Not reported
Number of Injuries:	Not reported
Number of Fatalities:	Not reported

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19 **DIGITAL IMPRESSIONS** **HAZNET** **S103960742**
North **324 SOUTH ABBOTT AVENUE** **N/A**
1/4-1/2 **MILPITAS, CA 95035**
1743 ft.

Relative: **Lower**

Actual: **21 ft.**

HAZNET:

Gepaid:	CAL000116452
Contact:	PETER COMMANDEUR
Telephone:	0000000000
Facility Addr2:	Not reported
Mailing Name:	Not reported
Mailing Address:	324 S ABBOTT AVE
Mailing City,St,Zip:	MILPITAS, CA 950350000
Gen County:	Santa Clara
TSD EPA ID:	CAD003963592
TSD County:	Santa Clara
Waste Category:	Metal sludge - Alkaline solution (pH <UN-> 12.5) with metals (antimony, arsenic, barium, beryllium, cadmium, chromium, cobalt, copper, lead, mercury, molybdenum, nickel, selenium, silver, thallium, vanadium, and zinc)
Disposal Method:	Recycler
Tons:	.0789
Facility County:	Santa Clara

Gepaid:	CAL000116452
Contact:	PETER COMMANDEUR
Telephone:	0000000000
Facility Addr2:	Not reported
Mailing Name:	Not reported
Mailing Address:	324 S ABBOTT AVE
Mailing City,St,Zip:	MILPITAS, CA 950350000
Gen County:	Santa Clara
TSD EPA ID:	CAD003963592
TSD County:	Santa Clara
Waste Category:	Metal sludge - Alkaline solution (pH <UN-> 12.5) with metals (antimony, arsenic, barium, beryllium, cadmium, chromium, cobalt, copper, lead, mercury, molybdenum, nickel, selenium, silver, thallium, vanadium, and zinc)
Disposal Method:	Recycler
Tons:	.0431
Facility County:	Santa Clara

Gepaid:	CAL000116452
Contact:	PETER COMMANDEUR
Telephone:	0000000000
Facility Addr2:	Not reported
Mailing Name:	Not reported
Mailing Address:	324 S ABBOTT AVE
Mailing City,St,Zip:	MILPITAS, CA 950350000
Gen County:	Santa Clara
TSD EPA ID:	ORD981766124
TSD County:	99
Waste Category:	Photochemicals/photoprocessing waste
Disposal Method:	Recycler
Tons:	.0030

DIGITAL IMPRESSIONS (Continued) **S103960742**

Facility County:	Santa Clara
Gepaid:	CAL000116452
Contact:	PETER COMMANDEUR
Telephone:	0000000000
Facility Addr2:	Not reported
Mailing Name:	Not reported
Mailing Address:	324 S ABBOTT AVE
Mailing City,St,Zip:	MILPITAS, CA 950350000
Gen County:	Santa Clara
TSD EPA ID:	ORD981766124
TSD County:	99
Waste Category:	Photochemicals/photoprocessing waste
Disposal Method:	Transfer Station
Tons:	.0025
Facility County:	Santa Clara
Gepaid:	CAL000116452
Contact:	PETER COMMANDEUR
Telephone:	0000000000
Facility Addr2:	Not reported
Mailing Name:	Not reported
Mailing Address:	324 S ABBOTT AVE
Mailing City,St,Zip:	MILPITAS, CA 950350000
Gen County:	Santa Clara
TSD EPA ID:	CAD070148432
TSD County:	1
Waste Category:	Photochemicals/photoprocessing waste
Disposal Method:	Recycler
Tons:	.0477
Facility County:	Santa Clara

Click this hyperlink while viewing on your computer to access
6 additional CA_HAZNET: record(s) in the EDR Site Report.

20
South
1/4-1/2
1809 ft.

Relative:
Higher

Actual:
28 ft.

CITY OF MILPITAS (ALDER PROJECT # 4177) **HAZNET** **S103957112**
ALDER DR / TASMAN DR **N/A**
MILPITAS, CA 95035

HAZNET:

Gepaid:	CAC001502040
Contact:	CITY OF MILPITAS
Telephone:	4089423241
Facility Addr2:	Not reported
Mailing Name:	Not reported
Mailing Address:	455 EAST CALAVERAS BLVD
Mailing City,St,Zip:	MILPITAS, CA 950350000
Gen County:	Santa Clara
TSD EPA ID:	CAT000646117
TSD County:	Kings
Waste Category:	Contaminated soil from site clean-ups
Disposal Method:	Not reported
Tons:	15.1704
Facility County:	Santa Clara
Gepaid:	CAC001502040
Contact:	CITY OF MILPITAS

CITY OF MILPITAS (ALDER PROJECT # 4177) (Continued) **S103957112**

Telephone:	4089423241
Facility Addr2:	Not reported
Mailing Name:	Not reported
Mailing Address:	455 EAST CALAVERAS BLVD
Mailing City,St,Zip:	MILPITAS, CA 950350000
Gen County:	Santa Clara
TSD EPA ID:	CAT000646117
TSD County:	Kings
Waste Category:	Contaminated soil from site clean-ups
Disposal Method:	Disposal, Land Fill
Tons:	879.8832
Facility County:	Santa Clara

Gepaid:	CAC001502040
Contact:	CITY OF MILPITAS
Telephone:	4089423241
Facility Addr2:	Not reported
Mailing Name:	Not reported
Mailing Address:	455 EAST CALAVERAS BLVD
Mailing City,St,Zip:	MILPITAS, CA 950350000
Gen County:	Santa Clara
TSD EPA ID:	CAT000646117
TSD County:	Kings
Waste Category:	Contaminated soil from site clean-ups
Disposal Method:	Not reported
Tons:	30.3408
Facility County:	Santa Clara

21
South
1/4-1/2
2011 ft.

ZITEL CORPORATION **EMI** **S106842871**
630 ALDER DRIVE **N/A**
MILPITAS, CA 95035

Relative:
Higher

Actual:
28 ft.

EMI:

Year:	1987
Carbon Monoxide Emissions Tons/Yr:	43
Air Basin:	SF
Facility ID:	2479
Air District Name:	BA
SIC Code:	3674
Air District Name:	BAY AREA AQMD
Community Health Air Pollution Info System:	Not reported
Consolidated Emission Reporting Rule:	Not reported
Total Organic Hydrocarbon Gases Tons/Yr:	1
Reactive Organic Gases Tons/Yr:	0
Carbon Monoxide Emissions Tons/Yr:	0
NOX - Oxides of Nitrogen Tons/Yr:	0
SOX - Oxides of Sulphur Tons/Yr:	0
Particulate Matter Tons/Yr:	0
Part. Matter 10 Micrometers & Smllr Tons/Yr:	0

Year:	1990
Carbon Monoxide Emissions Tons/Yr:	43
Air Basin:	SF
Facility ID:	2479
Air District Name:	BA
SIC Code:	3674
Air District Name:	BAY AREA AQMD

ZITEL CORPORATION (Continued) **S106842871**

Community Health Air Pollution Info System:	Not reported
Consolidated Emission Reporting Rule:	Not reported
Total Organic Hydrocarbon Gases Tons/Yr:	1
Reactive Organic Gases Tons/Yr:	0
Carbon Monoxide Emissions Tons/Yr:	0
NOX - Oxides of Nitrogen Tons/Yr:	0
SOX - Oxides of Sulphur Tons/Yr:	0
Particulate Matter Tons/Yr:	0
Part. Matter 10 Micrometers & Smllr Tons/Yr:	0

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22 **ADVANCED CHEMICAL SYSTEMS INTE** **HAZNET** **S102810382**
SSE **510 ALDER DRIVE** **N/A**
1/4-1/2 **MILPITAS, CA 95035**
2034 ft.

Relative:
Higher

Actual:
28 ft.

HAZNET:

Gepaid:	CAL000020258
Contact:	ADVANCED CHEMICAL SYSTEMS INTL
Telephone:	4083218900
Facility Addr2:	Not reported
Mailing Name:	Not reported
Mailing Address:	510 ALDER DR
Mailing City,St,Zip:	MILPITAS, CA 950350000
Gen County:	Santa Clara
TSD EPA ID:	CAD009452657
TSD County:	San Mateo
Waste Category:	Liquids with pH <UN-> 2
Disposal Method:	Disposal, Other
Tons:	.4587
Facility County:	Santa Clara

Gepaid:	CAL000020258
Contact:	ADVANCED CHEMICAL SYSTEMS INTL
Telephone:	4083218900
Facility Addr2:	Not reported
Mailing Name:	Not reported
Mailing Address:	510 ALDER DR
Mailing City,St,Zip:	MILPITAS, CA 950350000
Gen County:	Santa Clara
TSD EPA ID:	CAD009452657
TSD County:	San Mateo
Waste Category:	Unspecified alkaline solution
Disposal Method:	Disposal, Other
Tons:	.6880
Facility County:	Santa Clara

Gepaid:	CAL000020258
Contact:	ADVANCED CHEMICAL SYSTEMS INTL
Telephone:	4083218900
Facility Addr2:	Not reported
Mailing Name:	Not reported
Mailing Address:	510 ALDER DR
Mailing City,St,Zip:	MILPITAS, CA 950350000
Gen County:	Santa Clara
TSD EPA ID:	CAD050806850
TSD County:	Los Angeles
Waste Category:	Unspecified solvent mixture Waste
Disposal Method:	Recycler

ADVANCED CHEMICAL SYSTEMS INTE (Continued) **S102810382**

Tons: .0400
Facility County: Santa Clara

Gepaid: CAL000020258
Contact: ADVANCED CHEMICAL SYSTEMS INTL
Telephone: 4083218900
Facility Addr2: Not reported
Mailing Name: Not reported
Mailing Address: 510 ALDER DR
Mailing City,St,Zip: MILPITAS, CA 950350000
Gen County: Santa Clara
TSD EPA ID: CAD050806850
TSD County: Los Angeles
Waste Category: Alkaline solution without metals (pH > 12.5)
Disposal Method: Treatment, Tank
Tons: .0750
Facility County: Santa Clara

Gepaid: CAL000020258
Contact: ADVANCED CHEMICAL SYSTEMS INTL
Telephone: 4083218900
Facility Addr2: Not reported
Mailing Name: Not reported
Mailing Address: 510 ALDER DR
Mailing City,St,Zip: MILPITAS, CA 950350000
Gen County: Santa Clara
TSD EPA ID: CAD009452657
TSD County: San Mateo
Waste Category: Oxygenated solvents (acetone, butanol, ethyl acetate, etc.)
Disposal Method: Recycler
Tons: 0.2293
Facility County: Santa Clara

Click this hyperlink while viewing on your computer to access
31 additional CA_HAZNET: record(s) in the EDR Site Report.

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23 **ADAC LABORATORIES** **HAZNET** **1006333556**
SSE **540 ALDER DRIVE** **MLTS** **N/A**
1/4-1/2 **MILPITAS, CA 95035** **EMI**
2053 ft.

Relative:
Higher

Actual:
28 ft.

HAZNET:
Gepaid: CAL000000197
Contact: ADAC LABORATORIES
Telephone: 0000000000
Facility Addr2: Not reported
Mailing Name: Not reported
Mailing Address: 540 ALDER DR
Mailing City,St,Zip: MILPITAS, CA 950357443
Gen County: Santa Clara
TSD EPA ID: CAD009452657
TSD County: San Mateo
Waste Category: Unspecified solvent mixture Waste
Disposal Method: Recycler
Tons: .3544
Facility County: Santa Clara

Gepaid: CAL000000197

ADAC LABORATORIES (Continued) **1006333556**

Contact:	ADAC LABORATORIES
Telephone:	0000000000
Facility Addr2:	Not reported
Mailing Name:	Not reported
Mailing Address:	540 ALDER DR
Mailing City,St,Zip:	MILPITAS, CA 950357443
Gen County:	Santa Clara
TSD EPA ID:	NVD980895338
TSD County:	99
Waste Category:	Alkaline solution (pH <UN-> 12.5) with metals (antimony, arsenic, barium, beryllium, cadmium, chromium, cobalt, copper, lead, mercury, molybdenum, nickel, selenium, silver, thallium, vanadium, and zinc)
Disposal Method:	Not reported
Tons:	18.7650
Facility County:	Santa Clara

Gepaid:	CAL000000197
Contact:	ADAC LABORATORIES
Telephone:	0000000000
Facility Addr2:	Not reported
Mailing Name:	Not reported
Mailing Address:	540 ALDER DR
Mailing City,St,Zip:	MILPITAS, CA 950357443
Gen County:	Santa Clara
TSD EPA ID:	CAD009452657
TSD County:	San Mateo
Waste Category:	Liquids with halogenated organic compounds > 1000 mg/l
Disposal Method:	Recycler
Tons:	.1042
Facility County:	Santa Clara

Gepaid:	CAL000000197
Contact:	DIANA GARCIA-EHS ENGINEER
Telephone:	4084683036
Facility Addr2:	Not reported
Mailing Name:	Not reported
Mailing Address:	540 ALDER DR
Mailing City,St,Zip:	MILPITAS, CA 950357443
Gen County:	Santa Clara
TSD EPA ID:	CAD009452657
TSD County:	Santa Clara
Waste Category:	Laboratory waste chemicals
Disposal Method:	Treatment, Incineration
Tons:	0.11
Facility County:	Santa Clara

Gepaid:	CAL000000197
Contact:	DIANA GARCIA-EHS ENGINEER
Telephone:	4084683036
Facility Addr2:	Not reported
Mailing Name:	Not reported
Mailing Address:	540 ALDER DR
Mailing City,St,Zip:	MILPITAS, CA 950357443
Gen County:	Santa Clara
TSD EPA ID:	CAD009452657
TSD County:	Santa Clara
Waste Category:	Laboratory waste chemicals

ADAC LABORATORIES (Continued) **1006333556**

Disposal Method: Recycler
Tons: 0.15
Facility County: Santa Clara

Click this hyperlink while viewing on your computer to access
9 additional CA_HAZNET: record(s) in the EDR Site Report.

MLTS:
License Number: 04-25985-01
License Date: 12/20/1988
License Expires: 12/31/1993
Primary Program: Not reported
License Use: Not reported
Department: Not reported
Building: Not reported
Status: Not reported
Contact Name: JIM ETZEL
States Allowing Use: Not reported
Store Material: No
Redistribution: No
Burial: No
Last Inspection: Not reported
Inspector Name: Not reported
Next Inspection: 99/9999
First License Date: 0
Institution Code: 25985
Contact Phone: Not reported
Incineration: No

EMI:
Year: 2003
Carbon Monoxide Emissions Tons/Yr: 43
Air Basin: SF
Facility ID: 13267
Air District Name: BA
SIC Code: 3844
Air District Name: BAY AREA AQMD
Community Health Air Pollution Info System: Not reported
Consolidated Emission Reporting Rule: Not reported
Total Organic Hydrocarbon Gases Tons/Yr: 0
Reactive Organic Gases Tons/Yr: 0
Carbon Monoxide Emissions Tons/Yr: 0
NOX - Oxides of Nitrogen Tons/Yr: 0
SOX - Oxides of Sulphur Tons/Yr: 0
Particulate Matter Tons/Yr: 0
Part. Matter 10 Micrometers & Smllr Tons/Yr: 0

Year: 2004
Carbon Monoxide Emissions Tons/Yr: 43
Air Basin: SF
Facility ID: 13267
Air District Name: BA
SIC Code: 3844
Air District Name: BAY AREA AQMD
Community Health Air Pollution Info System: Not reported
Consolidated Emission Reporting Rule: Not reported
Total Organic Hydrocarbon Gases Tons/Yr: 0.001
Reactive Organic Gases Tons/Yr: 0.0008367
Carbon Monoxide Emissions Tons/Yr: 0.002
NOX - Oxides of Nitrogen Tons/Yr: 0.064
SOX - Oxides of Sulphur Tons/Yr: 0.001

ADAC LABORATORIES (Continued) **1006333556**

Particulate Matter Tons/Yr:	0.001
Part. Matter 10 Micrometers & Smllr Tons/Yr:	0.000976

24
SSE
1/4-1/2
2094 ft.

ADAC LABORATORIES **EMI** **S106825349**
570 ALDER DRIVE **N/A**
MILPITAS, CA 95035

Relative:
Higher

Actual:
28 ft.

EMI:

Year:	1987
Carbon Monoxide Emissions Tons/Yr:	43
Air Basin:	SF
Facility ID:	2966
Air District Name:	BA
SIC Code:	3679
Air District Name:	BAY AREA AQMD
Community Health Air Pollution Info System:	Not reported
Consolidated Emission Reporting Rule:	Not reported
Total Organic Hydrocarbon Gases Tons/Yr:	3
Reactive Organic Gases Tons/Yr:	1
Carbon Monoxide Emissions Tons/Yr:	0
NOX - Oxides of Nitrogen Tons/Yr:	0
SOX - Oxides of Sulphur Tons/Yr:	0
Particulate Matter Tons/Yr:	0
Part. Matter 10 Micrometers & Smllr Tons/Yr:	0

Year:	1990
Carbon Monoxide Emissions Tons/Yr:	43
Air Basin:	SF
Facility ID:	2966
Air District Name:	BA
SIC Code:	3671
Air District Name:	BAY AREA AQMD
Community Health Air Pollution Info System:	Not reported
Consolidated Emission Reporting Rule:	Not reported
Total Organic Hydrocarbon Gases Tons/Yr:	2
Reactive Organic Gases Tons/Yr:	1
Carbon Monoxide Emissions Tons/Yr:	0
NOX - Oxides of Nitrogen Tons/Yr:	0
SOX - Oxides of Sulphur Tons/Yr:	0
Particulate Matter Tons/Yr:	0
Part. Matter 10 Micrometers & Smllr Tons/Yr:	0

Year:	1993
Carbon Monoxide Emissions Tons/Yr:	43
Air Basin:	SF
Facility ID:	2966
Air District Name:	BA
SIC Code:	3679
Air District Name:	BAY AREA AQMD
Community Health Air Pollution Info System:	Not reported
Consolidated Emission Reporting Rule:	Not reported
Total Organic Hydrocarbon Gases Tons/Yr:	4
Reactive Organic Gases Tons/Yr:	2
Carbon Monoxide Emissions Tons/Yr:	0
NOX - Oxides of Nitrogen Tons/Yr:	0
SOX - Oxides of Sulphur Tons/Yr:	0
Particulate Matter Tons/Yr:	0

ADAC LABORATORIES (Continued) **S106825349**

Part. Matter 10 Micrometers & Smllr Tons/Yr:	0
Year:	1995
Carbon Monoxide Emissions Tons/Yr:	43
Air Basin:	SF
Facility ID:	2966
Air District Name:	BA
SIC Code:	3679
Air District Name:	BAY AREA AQMD
Community Health Air Pollution Info System:	Not reported
Consolidated Emission Reporting Rule:	Not reported
Total Organic Hydrocarbon Gases Tons/Yr:	4
Reactive Organic Gases Tons/Yr:	2
Carbon Monoxide Emissions Tons/Yr:	0
NOX - Oxides of Nitrogen Tons/Yr:	0
SOX - Oxides of Sulphur Tons/Yr:	0
Particulate Matter Tons/Yr:	0
Part. Matter 10 Micrometers & Smllr Tons/Yr:	0

25
ENE
1/4-1/2
2114 ft.

225 SYLVIA AVE
225 SYLVIA AVE
MILPITAS, CA 95033

ERNS **91210057**
N/A

Relative:
Lower

Actual:
21 ft.

Click this hyperlink while viewing on your computer to access additional ERNS detail in the EDR Site Report.

E26
South
1/4-1/2
2128 ft.

VARIAN MEDICAL SYSTEMS INC
596 ALDER DR
MILPITAS, CA 95035

RCRA-SQG **1000245634**
CAD981443674

Site 1 of 2 in cluster E

Relative:
Higher

Actual:
28 ft.

RCRAInfo:

Owner:	VARIAN MEDICAL SYSTEMS INC (650) 424-4000
EPA ID:	CAD981443674
Contact:	CLARENCE CHING (408) 321-4416
Classification:	Small Quantity Generator
TSDF Activities:	Not reported

Violation Status: No violations found

E27
South
1/4-1/2
2128 ft.

Relative:
Higher

Actual:
28 ft.

VARIAN ONCOLOGY SYSTEMS CUSTOMER SUPPORT
596 ALDER DR
MILPITAS, CA 95035

HAZNET

S103666061
N/A

Site 2 of 2 in cluster E

HAZNET:

Gepaid:	CAD981443674
Contact:	CLARENCE CC CHING
Telephone:	4083219400
Facility Addr2:	Not reported
Mailing Name:	Not reported
Mailing Address:	596 ALDER DR
Mailing City,St,Zip:	MILPITAS, CA 950357443
Gen County:	Santa Clara
TSD EPA ID:	Not reported
TSD County:	99
Waste Category:	Polychlorinated biphenyls and material containing PCB's
Disposal Method:	Treatment, Incineration
Tons:	1.04
Facility County:	Not reported

Gepaid:	CAD981443674
Contact:	VARIAN MEDICAL SYSTEMS
Telephone:	4089800130
Facility Addr2:	Not reported
Mailing Name:	Not reported
Mailing Address:	596 ALDER DR
Mailing City,St,Zip:	MILPITAS, CA 950357443
Gen County:	Santa Clara
TSD EPA ID:	CAT080014079
TSD County:	7
Waste Category:	Off-specification, aged, or surplus organics
Disposal Method:	Transfer Station
Tons:	.8800
Facility County:	Santa Clara

Gepaid:	CAD981443674
Contact:	VARIAN MEDICAL SYSTEMS
Telephone:	4089800130
Facility Addr2:	Not reported
Mailing Name:	Not reported
Mailing Address:	596 ALDER DR
Mailing City,St,Zip:	MILPITAS, CA 950357443
Gen County:	Santa Clara
TSD EPA ID:	CAT080014079
TSD County:	7
Waste Category:	Waste oil and mixed oil
Disposal Method:	Transfer Station
Tons:	.0834
Facility County:	Santa Clara

Gepaid:	CAD981443674
Contact:	VARIAN MEDICAL SYSTEMS
Telephone:	4089800130
Facility Addr2:	Not reported
Mailing Name:	Not reported
Mailing Address:	596 ALDER DR
Mailing City,St,Zip:	MILPITAS, CA 950357443

VARIAN ONCOLOGY SYSTEMS CUSTOMER SUPPORT (Continued) **S103666061**

Gen County:	Santa Clara
TSD EPA ID:	CAT080014079
TSD County:	7
Waste Category:	Not reported
Disposal Method:	Transfer Station
Tons:	.5750
Facility County:	Santa Clara
Gepaid:	CAD981443674
Contact:	VARIAN MEDICAL SYSTEMS
Telephone:	4089800130
Facility Addr2:	Not reported
Mailing Name:	Not reported
Mailing Address:	596 ALDER DR
Mailing City,St,Zip:	MILPITAS, CA 950357443
Gen County:	Santa Clara
TSD EPA ID:	CAT080014079
TSD County:	7
Waste Category:	Photochemicals/photoprocessing waste
Disposal Method:	Transfer Station
Tons:	.2502
Facility County:	Santa Clara

Click this hyperlink while viewing on your computer to access
28 additional CA_HAZNET: record(s) in the EDR Site Report.

F28
NNW
1/4-1/2
2209 ft.

Relative:
Lower

Actual:
22 ft.

1 MILE N OF HWY 237, 1 MILE W OF 880
MILPITAS, CA

CHMIRS **S100222991**
N/A

Site 1 of 6 in cluster F

CHMIRS:

OES Incident Number:	9991897
OES notification:	Not reported
OES Date:	Not reported
OES Time:	Not reported
Incident Date:	27-MAR-88
Date Completed:	**27-MAR-88**
Property Use:	650
Agency Id Number:	43030
Agency Incident Number:	88-6393
Time Notified:	1607
Time Completed:	1713
Surrounding Area:	650
Estimated Temperature:	70
Property Management:	P
Special Studies 1:	Not reported
Special Studies 2:	Not reported
Special Studies 3:	Not reported
Special Studies 4:	Not reported
Special Studies 5:	Not reported
Special Studies 6:	Not reported
More Than Two Substances Involved?:	N
Resp Agncy Personel # Of Decontaminated:	Not reported
Responding Agency Personel # Of Injuries:	Not reported
Responding Agency Personel # Of Fatalities:	Not reported
Others Number Of Decontaminated:	Not reported

(Continued) **S100222991**

Others Number Of Injuries:	Not reported
Others Number Of Fatalities:	Not reported
Vehicle Make/year:	HEICOPTER
Vehicle License Number:	Not reported
Vehicle State:	Not reported
Vehicle Id Number:	Not reported
CA/DOT/PUC/ICC Number:	Not reported
Company Name:	Not reported
Reporting Officer Name/ID:	CAPT D SMITH C-6
Report Date:	23-OCT-88
Comments:	N
Facility Telephone:	408 945-5785
Waterway Involved:	Not reported
Waterway:	Not reported
Spill Site:	Not reported
Cleanup By:	Not reported
Containment:	Not reported
What Happened:	Not reported
Type:	Not reported
Measure:	Not reported
Other:	Not reported
Date/Time:	Not reported
Year:	88-92
Agency:	Not reported
Incident Date:	Not reported
Admin Agency:	Not reported
Amount:	Not reported
Contained:	Not reported
Site Type:	Not reported
E Date:	05-MAY-89
Substance:	Not reported
Quantity Released:	Not reported
BBLS:	Not reported
Cups:	Not reported
CUFT:	Not reported
Gallons:	Not reported
Grams:	Not reported
Pounds:	Not reported
Liters:	Not reported
Ounces:	Not reported
Pints:	Not reported
Quarts:	Not reported
Sheen:	Not reported
Tons:	Not reported
Unknown:	Not reported
Description:	Not reported
Evacuations:	Not reported
Number of Injuries:	Not reported
Number of Fatalities:	Not reported

F29
NNW
1/4-1/2
2215 ft.

HWY 880 N PAST MP 8.8 1/2 MI N OF HWY237 — **ERNS** — **90189389**
HWY 880 N PAST MP 8.8 1/2 MI N OF HWY237 — **N/A**
MILPITAS, CA 95035

Site 2 of 6 in cluster F

Relative:
Lower

Actual:
22 ft.

Click this hyperlink while viewing on your computer to access additional ERNS detail in the EDR Site Report.

F30
NNW
1/4-1/2
2215 ft.

S.B. HWY 880 @ HWY 237 — **ERNS** — **8874105**
S.B. HWY 880 @ HWY 237 — **N/A**
MILPITAS, CA

Site 3 of 6 in cluster F

Relative:
Lower

Actual:
22 ft.

Click this hyperlink while viewing on your computer to access additional ERNS detail in the EDR Site Report.

F31
NNW
1/4-1/2
2215 ft.

EB HWY 237 W OF 880 — **ERNS** — **8874700**
EB HWY 237 W OF 880 — **N/A**
MILPITAS, CA

Site 4 of 6 in cluster F

Relative:
Lower

Actual:
22 ft.

Click this hyperlink while viewing on your computer to access additional ERNS detail in the EDR Site Report.

F32
NNW
1/4-1/2
2215 ft.

880 SB AT 237 — **ERNS** — **92265995**
880 SB AT 237 — **N/A**
MILPITAS, CA 95035

Site 5 of 6 in cluster F

Relative:
Lower

Actual:
22 ft.

Click this hyperlink while viewing on your computer to access additional ERNS detail in the EDR Site Report.

F33
NNW
1/4-1/2
2222 ft.

I-880 S/B @ I-237 — **CHMIRS** — **S100279031**
MILPITAS, CA — **N/A**

Site 6 of 6 in cluster F

Relative:
Lower

Actual:
22 ft.

CHMIRS:

OES Incident Number:	8803285
OES notification:	Not reported
OES Date:	Not reported
OES Time:	Not reported
Incident Date:	10-MAR-88
Date Completed:	**10-MAR-88**
Property Use:	961
Agency Id Number:	43030
Agency Incident Number:	88-5100F
Time Notified:	1230
Time Completed:	1330
Surrounding Area:	600
Estimated Temperature:	60
Property Management:	S

(Continued) **S100279031**

Special Studies 1:	Not reported
Special Studies 2:	Not reported
Special Studies 3:	Not reported
Special Studies 4:	Not reported
Special Studies 5:	Not reported
Special Studies 6:	Not reported
More Than Two Substances Involved?:	N
Resp Agncy Personel # Of Decontaminated:	Not reported
Responding Agency Personel # Of Injuries:	Not reported
Responding Agency Personel # Of Fatalities:	Not reported
Others Number Of Decontaminated:	Not reported
Others Number Of Injuries:	Not reported
Others Number Of Fatalities:	Not reported
Vehicle Make/year:	TRASH TRUCK
Vehicle License Number:	UNK
Vehicle State:	CA
Vehicle Id Number:	UNK
CA/DOT/PUC/ICC Number:	UNK
Company Name:	B.F.I.
Reporting Officer Name/ID:	CAPT. D. SMITH 19C-6
Report Date:	17-OCT-88
Comments:	N
Facility Telephone:	408 945-5785
Waterway Involved:	Not reported
Waterway:	Not reported
Spill Site:	Not reported
Cleanup By:	Not reported
Containment:	Not reported
What Happened:	Not reported
Type:	Not reported
Measure:	Not reported
Other:	Not reported
Date/Time:	Not reported
Year:	88-92
Agency:	Not reported
Incident Date:	Not reported
Admin Agency:	Not reported
Amount:	Not reported
Contained:	Not reported
Site Type:	Not reported
E Date:	27-APR-89
Substance:	Not reported
Quantity Released:	Not reported
BBLS:	Not reported
Cups:	Not reported
CUFT:	Not reported
Gallons:	Not reported
Grams:	Not reported
Pounds:	Not reported
Liters:	Not reported
Ounces:	Not reported
Pints:	Not reported
Quarts:	Not reported
Sheen:	Not reported
Tons:	Not reported
Unknown:	Not reported
Description:	Not reported

(Continued) **S100279031**

Evacuations: Not reported
Number of Injuries: Not reported
Number of Fatalities: Not reported

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34 **CHMIRS** **S100275055**
ENE **450 S. ABLE ST.** **N/A**
1/4-1/2 **MILPITAS, CA 95035**
2251 ft.

Relative: CHMIRS:
Lower

OES Incident Number:	8907344
OES notification:	Not reported
Actual: OES Date:	Not reported
20 ft. OES Time:	Not reported
Incident Date:	07-AUG-89
Date Completed:	**07-AUG-89**
Property Use:	600
Agency Id Number:	43030
Agency Incident Number:	89-17112F
Time Notified:	604
Time Completed:	713
Surrounding Area:	500
Estimated Temperature:	75
Property Management:	F
Special Studies 1:	Not reported
Special Studies 2:	Not reported
Special Studies 3:	Not reported
Special Studies 4:	Not reported
Special Studies 5:	Not reported
Special Studies 6:	Not reported
More Than Two Substances Involved?:	N
Resp Agncy Personel # Of Decontaminated:	0
Responding Agency Personel # Of Injuries:	0
Responding Agency Personel # Of Fatalities:	0
Others Number Of Decontaminated:	0
Others Number Of Injuries:	0
Others Number Of Fatalities:	0
Vehicle Make/year:	Not reported
Vehicle License Number:	Not reported
Vehicle State:	Not reported
Vehicle Id Number:	Not reported
CA/DOT/PUC/ICC Number:	Not reported
Company Name:	Not reported
Reporting Officer Name/ID:	CAPT. DIXON C-10
Report Date:	07-AUG-89
Comments:	Not reported
Facility Telephone:	408 945-5785
Waterway Involved:	Not reported
Waterway:	Not reported
Spill Site:	Not reported
Cleanup By:	Not reported
Containment:	Not reported
What Happened:	Not reported
Type:	Not reported
Measure:	Not reported
Other:	Not reported
Date/Time:	Not reported
Year:	88-92

(Continued) **S100275055**

Agency:	Not reported
Incident Date:	Not reported
Admin Agency:	Not reported
Amount:	Not reported
Contained:	Not reported
Site Type:	Not reported
E Date:	17-MAY-90
Substance:	Not reported
Quantity Released:	Not reported
BBLS:	Not reported
Cups:	Not reported
CUFT:	Not reported
Gallons:	Not reported
Grams:	Not reported
Pounds:	Not reported
Liters:	Not reported
Ounces:	Not reported
Pints:	Not reported
Quarts:	Not reported
Sheen:	Not reported
Tons:	Not reported
Unknown:	Not reported
Description:	Not reported
Evacuations:	Not reported
Number of Injuries:	Not reported
Number of Fatalities:	Not reported

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35 **UNGERMANN-BASS** **EMI** **S106841591**
South **750 TASMAN** **N/A**
1/4-1/2 **MILPITAS, CA 95035**
2257 ft.

Relative: **Higher**

Actual: **29 ft.**

EMI:

Year:	1990
Carbon Monoxide Emissions Tons/Yr:	43
Air Basin:	SF
Facility ID:	5059
Air District Name:	BA
SIC Code:	3577
Air District Name:	BAY AREA AQMD
Community Health Air Pollution Info System:	Not reported
Consolidated Emission Reporting Rule:	Not reported
Total Organic Hydrocarbon Gases Tons/Yr:	1
Reactive Organic Gases Tons/Yr:	0
Carbon Monoxide Emissions Tons/Yr:	0
NOX - Oxides of Nitrogen Tons/Yr:	0
SOX - Oxides of Sulphur Tons/Yr:	0
Particulate Matter Tons/Yr:	0
Part. Matter 10 Micrometers & Smllr Tons/Yr:	0

36
NNE
1/4-1/2
2301 ft.

ARCO SERVICE STATION #2121
43 SOUTH ABBOTT
MILPITAS, CA 93064

Notify 65

S100179205
N/A

Relative:
Lower

Actual:
19 ft.

Notify 65:

Date Reported:	Not reported
Staff Initials:	Not reported
Board File Number:	Not reported
Facility Type:	Not reported
Discharge Date:	Not reported
Incident Description:	93064

37
NW
1/4-1/2
2394 ft.

HWY 237 AT CYPRESS DR.
MILPITAS, CA 95035

CHMIRS

S100274797
N/A

Relative:
Lower

Actual:
17 ft.

CHMIRS:

OES Incident Number:	8904689
OES notification:	Not reported
OES Date:	Not reported
OES Time:	Not reported
Incident Date:	05-FEB-89
Date Completed:	**05-FEB-89**
Property Use:	961
Agency Id Number:	43030
Agency Incident Number:	89-2542F
Time Notified:	1105
Time Completed:	1141
Surrounding Area:	650
Estimated Temperature:	50
Property Management:	S
Special Studies 1:	Not reported
Special Studies 2:	Not reported
Special Studies 3:	Not reported
Special Studies 4:	Not reported
Special Studies 5:	Not reported
Special Studies 6:	Not reported
More Than Two Substances Involved?:	N
Resp Agncy Personel # Of Decontaminated:	0
Responding Agency Personel # Of Injuries:	0
Responding Agency Personel # Of Fatalities:	0
Others Number Of Decontaminated:	0
Others Number Of Injuries:	0
Others Number Of Fatalities:	0
Vehicle Make/year:	Not reported
Vehicle License Number:	Not reported
Vehicle State:	Not reported
Vehicle Id Number:	Not reported
CA/DOT/PUC/ICC Number:	Not reported
Company Name:	Not reported
Reporting Officer Name/ID:	CAPT. AL HUSON #194
Report Date:	05-FEB-89
Comments:	Not reported
Facility Telephone:	408 954-1436
Waterway Involved:	Not reported
Waterway:	Not reported
Spill Site:	Not reported
Cleanup By:	Not reported

(Continued) **S100274797**

Containment:	Not reported
What Happened:	Not reported
Type:	Not reported
Measure:	Not reported
Other:	Not reported
Date/Time:	Not reported
Year:	88-92
Agency:	Not reported
Incident Date:	Not reported
Admin Agency:	Not reported
Amount:	Not reported
Contained:	Not reported
Site Type:	Not reported
E Date:	03-MAY-90
Substance:	Not reported
Quantity Released:	Not reported
BBLS:	Not reported
Cups:	Not reported
CUFT:	Not reported
Gallons:	Not reported
Grams:	Not reported
Pounds:	Not reported
Liters:	Not reported
Ounces:	Not reported
Pints:	Not reported
Quarts:	Not reported
Sheen:	Not reported
Tons:	Not reported
Unknown:	Not reported
Description:	Not reported
Evacuations:	Not reported
Number of Injuries:	Not reported
Number of Fatalities:	Not reported

G38 **STARLITE SERVICE CENTER** **HAZNET** **S103989281**
NNE **97 S ABBOTT AVE** **N/A**
1/4-1/2 **MILPITAS, CA 95035**
2447 ft.

Site 1 of 5 in cluster G

Relative:
Lower

Actual:
19 ft.

HAZNET:

Gepaid:	CAL000094069
Contact:	FRED ESFANDIARY/OPERATOR
Telephone:	4082629839
Facility Addr2:	Not reported
Mailing Name:	Not reported
Mailing Address:	97 S ABBOTT AVE
Mailing City,St,Zip:	MILPITAS, CA 950354803
Gen County:	Santa Clara
TSD EPA ID:	Not reported
TSD County:	San Mateo
Waste Category:	Unspecified organic liquid mixture
Disposal Method:	Recycler
Tons:	0.68
Facility County:	Not reported
Gepaid:	CAL000094069
Contact:	FRED ESFANDIARY

STARLITE SERVICE CENTER (Continued) **S103989281**

Telephone:	4082629839
Facility Addr2:	Not reported
Mailing Name:	Not reported
Mailing Address:	97 S ABBOTT AVE
Mailing City,St,Zip:	MILPITAS, CA 950354803
Gen County:	Santa Clara
TSD EPA ID:	CAD009452657
TSD County:	San Mateo
Waste Category:	Unspecified organic liquid mixture
Disposal Method:	Recycler
Tons:	0.4587
Facility County:	Santa Clara

Gepaid:	CAL000094069
Contact:	FRED ESFANDIARY
Telephone:	4082629839
Facility Addr2:	Not reported
Mailing Name:	Not reported
Mailing Address:	97 S ABBOTT AVE
Mailing City,St,Zip:	MILPITAS, CA 950354803
Gen County:	Santa Clara
TSD EPA ID:	CAD009452657
TSD County:	San Mateo
Waste Category:	Unspecified organic liquid mixture
Disposal Method:	Recycler
Tons:	.4170
Facility County:	Santa Clara

Gepaid:	CAL000094069
Contact:	FRED ESFANDIARY
Telephone:	4082629839
Facility Addr2:	Not reported
Mailing Name:	Not reported
Mailing Address:	97 S ABBOTT AVE
Mailing City,St,Zip:	MILPITAS, CA 950354803
Gen County:	Santa Clara
TSD EPA ID:	CAD009452657
TSD County:	San Mateo
Waste Category:	Unspecified organic liquid mixture
Disposal Method:	Recycler
Tons:	.3336
Facility County:	Santa Clara

Gepaid:	CAL000094069
Contact:	FRED ESFANDIARY/OPERATOR
Telephone:	4082629839
Facility Addr2:	Not reported
Mailing Name:	Not reported
Mailing Address:	97 S ABBOTT AVE
Mailing City,St,Zip:	MILPITAS, CA 950354803
Gen County:	Santa Clara
TSD EPA ID:	Not reported
TSD County:	San Mateo
Waste Category:	Unspecified organic liquid mixture
Disposal Method:	Recycler
Tons:	0.66
Facility County:	Not reported

STARLITE SERVICE CENTER (Continued) **S103989281**

Click this hyperlink while viewing on your computer to access additional CA_HAZNET: detail in the EDR Site Report.

G39 **MOBIL #10-JQP (BP 11223)** **HAZNET** **S101594396**
NNE **97 S ABBOTT AVE** **HIST LUST** **N/A**
1/4-1/2 **MILPITAS, CA 95035** **CA WDS**
2447 ft.

Site 2 of 5 in cluster G

Relative: Lower

Actual: 19 ft.

HAZNET:

Gepaid:	CAL000035290
Contact:	TOSCO NORTHWEST COMPANY
Telephone:	0000000000
Facility Addr2:	Not reported
Mailing Name:	Not reported
Mailing Address:	601 UNION STREET
Mailing City,St,Zip:	SEATTLE, WA 981010000
Gen County:	Santa Clara
TSD EPA ID:	CAD083166728
TSD County:	Stanislaus
Waste Category:	Unspecified oil-containing waste
Disposal Method:	Recycler
Tons:	.2293
Facility County:	Santa Clara

Gepaid:	CA0001036789
Contact:	HAZMAT SPECIALIST
Telephone:	6027284180
Facility Addr2:	Not reported
Mailing Name:	ENVIRONMENTAL COMPLIANCE
Mailing Address:	PO BOX 52085
Mailing City,St,Zip:	PHOENIX, AZ 850722085
Gen County:	Santa Clara
TSD EPA ID:	CAD982444481
TSD County:	Santa Clara
Waste Category:	Other organic solids
Disposal Method:	Transfer Station
Tons:	5.33
Facility County:	Santa Clara

Gepaid:	CA0001036789
Contact:	HAZMAT SPECIALIST
Telephone:	6027284180
Facility Addr2:	Not reported
Mailing Name:	ENVIRONMENTAL COMPLIANCE
Mailing Address:	PO BOX 52085
Mailing City,St,Zip:	PHOENIX, AZ 850722085
Gen County:	Santa Clara
TSD EPA ID:	CAD028409019
TSD County:	Santa Clara
Waste Category:	Aqueous solution with less than 10% total organic residues
Disposal Method:	Treatment, Tank
Tons:	0.14
Facility County:	Santa Clara

HIST LUST:

Region:	SANTA CLARA

MOBIL #10-JQP (BP 11223) (Continued) **S101594396**

SCVWD ID: 06S1E07E03
Region Code: 2
Oversite Agency: SCCDEH
Date Listed: 1990-01-01 00:00:00
Closed Date: Not reported

CA WDS:

Facility ID:	San Francisco Bay 438498002
Facility Type:	Other - Does not fall into the category of Municipal/Domestic, Industrial, Agricultural or Solid Waste (Class I, II or III)
Facility Status:	Active - Any facility with a continuous or seasonal discharge that is under Waste Discharge Requirements.
NPDES Number:	CAG912002 The 1st 2 characters designate the state. The remaining 7 are assigned by the Regional Board
Subregion:	2
Facility Telephone:	5108743280
Facility Contact:	Scott Robinson
Agency Name:	BP OIL COMPANY
Agency Address:	295 S.W. 41st ST BLDG.13 STE N
Agency City,St,Zip:	RENTON 980554331
Agency Contact:	SCOTT HOOTON
Agency Telephone:	Not reported
Agency Type:	Private
SIC Code:	5541
SIC Code 2:	Not reported
Primary Waste:	Contaminated Ground Water
Primary Waste Type:	Hazardous/Influent or Solid Wastes that contain toxic, corrosive, ignitable or reactive substances and must be managed according to applicable DOHS standards.
Secondary Waste:	Not reported
Secondary Waste Type:	Not reported
Design Flow:	0.0144
Baseline Flow:	0.0144
Reclamation:	No reclamation requirements associated with this facility.
POTW:	The POTW Does not have an approved pretreatment program. Some POTWs may have local pretreatment programs that have not been approved by the regional board and/or EPA.
Treat To Water:	Moderate Threat to Water Quality. A violation could have a major adverse impact on receiving biota, can cause aesthetic impairment to a significant human population, or render unusable a potential domestic or municipal water supply. Awsthetic impairment would include nuisance from a waste treatment facility.
Complexity:	Category B - Any facility having a physical, chemical, or biological waste treatment system (except for septic systems with subsurface disposal), or any Class II or III disposal site, or facilities without treatment systems that are complex, such as marinas with petroleum products, solid wastes, and sewage pump out facilities.

G40 **BP OIL COMPANY** **EMI S105936776**
NNE **97 SO ABBOTT STREET** **N/A**
1/4-1/2 **MILPITAS, CA 95035**
2447 ft.

Site 3 of 5 in cluster G

Relative: Lower

Actual: 19 ft.

EMI:

Year:	1996
Carbon Monoxide Emissions Tons/Yr:	43
Air Basin:	SF
Facility ID:	7994

BP OIL COMPANY (Continued) **S105936776**

Air District Name:	BA
SIC Code:	4953
Air District Name:	BAY AREA AQMD
Community Health Air Pollution Info System:	Not reported
Consolidated Emission Reporting Rule:	Not reported
Total Organic Hydrocarbon Gases Tons/Yr:	2
Reactive Organic Gases Tons/Yr:	0
Carbon Monoxide Emissions Tons/Yr:	0
NOX - Oxides of Nitrogen Tons/Yr:	0
SOX - Oxides of Sulphur Tons/Yr:	0
Particulate Matter Tons/Yr:	0
Part. Matter 10 Micrometers & Smllr Tons/Yr:	0

G41 **ABBOTT AUTO SERVICE** **HAZNET** **S103880601**
NNE **97 S ABBOTT AVE** **N/A**
1/4-1/2 **MILPITAS, CA 95035**
2447 ft.

Site 4 of 5 in cluster G

Relative:
Lower

Actual:
19 ft.

HAZNET:

Gepaid:	CAL000251491
Contact:	THOI PHAM
Telephone:	4089468229
Facility Addr2:	Not reported
Mailing Name:	Not reported
Mailing Address:	3003 MAURICIA AVE
Mailing City,St,Zip:	SANTA CLARA, CA 95051
Gen County:	Santa Clara
TSD EPA ID:	Not reported
TSD County:	San Mateo
Waste Category:	Unspecified organic liquid mixture
Disposal Method:	Recycler
Tons:	0.31
Facility County:	Not reported

Gepaid:	CAL000251491
Contact:	THOI PHAM
Telephone:	4089468229
Facility Addr2:	Not reported
Mailing Name:	Not reported
Mailing Address:	1500 WHEATLEY PL
Mailing City,St,Zip:	SANTA CLARA, CA 951210000
Gen County:	Santa Clara
TSD EPA ID:	CAD009452657
TSD County:	Santa Clara
Waste Category:	Unspecified organic liquid mixture
Disposal Method:	Recycler
Tons:	0.79
Facility County:	Santa Clara

G42
NNE
1/4-1/2
2447 ft.

Relative:
Lower

Actual:
19 ft.

TOSCO NORTHWEST CO NO 11223
97 S ABBOT AVE
MILPITAS, CA 95035

RCRA-SQG **1000985257**
HAZNET **CA0001036789**

Site 5 of 5 in cluster G

RCRAInfo:
Owner: TOSCO NORTHWEST CO
(206) 442-7000
EPA ID: CA0001036789

Contact: LYNN CHUN
(206) 442-7193

Classification: Small Quantity Generator
TSDF Activities: Not reported

Violation Status: No violations found

HAZNET:

Gepaid:	CA0001036789
Contact:	TOSCO MARKETING
Telephone:	6027284180
Facility Addr2:	Not reported
Mailing Name:	Not reported
Mailing Address:	P O BOX 52085
Mailing City,St,Zip:	PHOENIX, AZ 850722085
Gen County:	Santa Clara
TSD EPA ID:	CAD009452657
TSD County:	San Mateo
Waste Category:	Aqueous solution with 10% or more total organic residues
Disposal Method:	Recycler
Tons:	1.1631
Facility County:	Santa Clara

Gepaid:	CA0001036789
Contact:	TOSCO MARKETING
Telephone:	6027284180
Facility Addr2:	Not reported
Mailing Name:	Not reported
Mailing Address:	P O BOX 52085
Mailing City,St,Zip:	PHOENIX, AZ 850722085
Gen County:	Santa Clara
TSD EPA ID:	CAD009452657
TSD County:	San Mateo
Waste Category:	Hydrocarbon solvents (benzene, hexane, Stoddard, etc.)
Disposal Method:	Recycler
Tons:	.0834
Facility County:	Santa Clara

Gepaid:	CA0001036789
Contact:	TOSCO MARKETING
Telephone:	6027284180
Facility Addr2:	Not reported
Mailing Name:	Not reported
Mailing Address:	P O BOX 52085
Mailing City,St,Zip:	PHOENIX, AZ 850722085
Gen County:	Santa Clara
TSD EPA ID:	CAD009452657
TSD County:	San Mateo

TOSCO NORTHWEST CO NO 11223 (Continued) **1000985257**

Waste Category:	Aqueous solution with 10% or more total organic residues
Disposal Method:	Recycler
Tons:	1.0500
Facility County:	Santa Clara
Gepaid:	CA0001036789
Contact:	TOSCO MARKETING
Telephone:	6027284180
Facility Addr2:	Not reported
Mailing Name:	Not reported
Mailing Address:	P O BOX 52085
Mailing City,St,Zip:	PHOENIX, AZ 850722085
Gen County:	Santa Clara
TSD EPA ID:	CAD009452657
TSD County:	San Mateo
Waste Category:	Aqueous solution with 10% or more total organic residues
Disposal Method:	Not reported
Tons:	.0666
Facility County:	Santa Clara
Gepaid:	CA0001036789
Contact:	TOSCO MARKETING
Telephone:	6027284180
Facility Addr2:	Not reported
Mailing Name:	Not reported
Mailing Address:	P O BOX 52085
Mailing City,St,Zip:	PHOENIX, AZ 850722085
Gen County:	Santa Clara
TSD EPA ID:	CAD980887418
TSD County:	1
Waste Category:	Waste oil and mixed oil
Disposal Method:	Recycler
Tons:	.8548
Facility County:	Santa Clara

Click this hyperlink while viewing on your computer to access
8 additional CA_HAZNET: record(s) in the EDR Site Report.

43
NNE
1/4-1/2
2497 ft.

Relative:
Lower

Actual:
18 ft.

FOTO CORNER
30 ABBOTT AVE
MILPITAS, CA 95035

HAZNET **S103650543**
N/A

HAZNET:

Gepaid:	CAL000077966
Contact:	LONG VIET
Telephone:	4089568622
Facility Addr2:	Not reported
Mailing Name:	Not reported
Mailing Address:	302 S ABEL AVE
Mailing City,St,Zip:	MILPITAS, CA 950350000
Gen County:	Santa Clara
TSD EPA ID:	CAD981161367
TSD County:	Marin
Waste Category:	Photochemicals/photoprocessing waste
Disposal Method:	Recycler
Tons:	.2502
Facility County:	Santa Clara

FOTO CORNER (Continued) **S103650543**

Gepaid:	CAL000077966
Contact:	LONG VIET
Telephone:	4089568622
Facility Addr2:	Not reported
Mailing Name:	Not reported
Mailing Address:	302 S ABEL AVE
Mailing City,St,Zip:	MILPITAS, CA 950350000
Gen County:	Santa Clara
TSD EPA ID:	CAL000121946
TSD County:	Marin
Waste Category:	Photochemicals/photoprocessing waste
Disposal Method:	Recycler
Tons:	.2502
Facility County:	Santa Clara

Gepaid:	CAL000077966
Contact:	LONG VIET
Telephone:	4089568622
Facility Addr2:	Not reported
Mailing Name:	Not reported
Mailing Address:	302 S ABEL AVE
Mailing City,St,Zip:	MILPITAS, CA 950350000
Gen County:	Santa Clara
TSD EPA ID:	CAD981161367
TSD County:	Marin
Waste Category:	Photochemicals/photoprocessing waste
Disposal Method:	Recycler
Tons:	.2502
Facility County:	Santa Clara

Gepaid:	CAL000077966
Contact:	LONG VIET
Telephone:	4089568622
Facility Addr2:	Not reported
Mailing Name:	Not reported
Mailing Address:	302 S ABEL AVE
Mailing City,St,Zip:	MILPITAS, CA 950350000
Gen County:	Santa Clara
TSD EPA ID:	CAD981163677
TSD County:	0
Waste Category:	Photochemicals/photoprocessing waste
Disposal Method:	Recycler
Tons:	.2502
Facility County:	Santa Clara

Gepaid:	CAL000077966
Contact:	LONG VIET
Telephone:	4089568622
Facility Addr2:	Not reported
Mailing Name:	Not reported
Mailing Address:	302 S ABEL AVE
Mailing City,St,Zip:	MILPITAS, CA 950350000
Gen County:	Santa Clara
TSD EPA ID:	CAL000121946
TSD County:	Marin
Waste Category:	Photochemicals/photoprocessing waste
Disposal Method:	Recycler

FOTO CORNER (Continued) **S103650543**

Tons: .2502
Facility County: Santa Clara

Click this hyperlink while viewing on your computer to access
1 additional CA_HAZNET: record(s) in the EDR Site Report.

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44 **JOHN P CONNOLLY DDS** **HAZNET** **S103972483**
ENE **430 S ABEL ST STE #2** **N/A**
1/4-1/2 **MILPITAS, CA 95035**
2580 ft.

Relative:
Lower

Actual:
21 ft.

HAZNET:
Gepaid: CAL000120469
Contact: JOHN P CONNOLLY
Telephone: 0000000000
Facility Addr2: Not reported
Mailing Name: Not reported
Mailing Address: 430 S ABEL ST STE 2
Mailing City,St,Zip: MILPITAS, CA 950350000
Gen County: Santa Clara
TSD EPA ID: CAL000082530
TSD County: Santa Clara
Waste Category: Photochemicals/photoprocessing waste
Disposal Method: Treatment, Tank
Tons: .0166
Facility County: Santa Clara

Gepaid: CAL000120469
Contact: JOHN P CONNOLLY
Telephone: 0000000000
Facility Addr2: Not reported
Mailing Name: Not reported
Mailing Address: 430 S ABEL ST STE 2
Mailing City,St,Zip: MILPITAS, CA 950350000
Gen County: Santa Clara
TSD EPA ID: CAL000082530
TSD County: Santa Clara
Waste Category: Not reported
Disposal Method: Treatment, Tank
Tons: .0000
Facility County: Santa Clara

Gepaid: CAL000120469
Contact: JOHN P CONNOLLY
Telephone: 0000000000
Facility Addr2: Not reported
Mailing Name: Not reported
Mailing Address: 430 S ABEL ST STE 2
Mailing City,St,Zip: MILPITAS, CA 950350000
Gen County: Santa Clara
TSD EPA ID: CAL000082530
TSD County: Santa Clara
Waste Category: Unspecified organic liquid mixture
Disposal Method: Treatment, Tank
Tons: .0041
Facility County: Santa Clara

Gepaid: CAL000120469

JOHN P CONNOLLY DDS (Continued) **S103972483**

Contact:	JOHN P CONNOLLY
Telephone:	0000000000
Facility Addr2:	Not reported
Mailing Name:	Not reported
Mailing Address:	430 S ABEL ST STE 2
Mailing City,St,Zip:	MILPITAS, CA 950350000
Gen County:	Santa Clara
TSD EPA ID:	CAL000082530
TSD County:	Santa Clara
Waste Category:	Unspecified organic liquid mixture
Disposal Method:	Treatment, Tank
Tons:	.0062
Facility County:	Santa Clara

Gepaid:	CAL000120469
Contact:	JOHN P CONNOLLY
Telephone:	0000000000
Facility Addr2:	Not reported
Mailing Name:	Not reported
Mailing Address:	430 S ABEL ST STE 2
Mailing City,St,Zip:	MILPITAS, CA 950350000
Gen County:	Santa Clara
TSD EPA ID:	CAL000082530
TSD County:	Santa Clara
Waste Category:	Not reported
Disposal Method:	Treatment, Tank
Tons:	.0000
Facility County:	Santa Clara

Click this hyperlink while viewing on your computer to access
9 additional CA_HAZNET: record(s) in the EDR Site Report.

H45 **BIGBYTE** **HAZNET** **S104580023**
North **511 VALLEY WY** **N/A**
1/4-1/2 **MILPITAS, CA 95035**
2580 ft.

Site 1 of 3 in cluster H

Relative:
Lower

Actual:
18 ft.

HAZNET:

Gepaid:	CAL000163358
Contact:	LOGAN & PIRES INC
Telephone:	4089565740
Facility Addr2:	Not reported
Mailing Name:	Not reported
Mailing Address:	507 VALLEY WAY
Mailing City,St,Zip:	MILPITAS, CA 950354105
Gen County:	Santa Clara
TSD EPA ID:	CAD008302903
TSD County:	Los Angeles
Waste Category:	Oxygenated solvents (acetone, butanol, ethyl acetate, etc.)
Disposal Method:	Recycler
Tons:	.1042
Facility County:	Santa Clara

H46
North
1/4-1/2
2586 ft.

Relative:
Lower

Actual:
18 ft.

CALAVERAS ASSOCIATES
504 VALLEY WAY
MILPITAS, CA 95035

HAZNET

S102792296
N/A

Site 2 of 3 in cluster H

HAZNET:

Gepaid:	CAC000716536
Contact:	GIL YOUNG/CONTACT
Telephone:	4089451770
Facility Addr2:	Not reported
Mailing Name:	Not reported
Mailing Address:	504 VALLEY WAY
Mailing City,St,Zip:	MILPITAS, CA 950350000
Gen County:	Santa Clara
TSD EPA ID:	AZD983476680
TSD County:	99
Waste Category:	Polychlorinated biphenyls and material containing PCB's
Disposal Method:	Recycler
Tons:	1.0000
Facility County:	Santa Clara

Gepaid:	CAC000716536
Contact:	GIL YOUNG/CONTACT
Telephone:	4089451770
Facility Addr2:	Not reported
Mailing Name:	Not reported
Mailing Address:	504 VALLEY WAY
Mailing City,St,Zip:	MILPITAS, CA 950350000
Gen County:	Santa Clara
TSD EPA ID:	CAD981696420
TSD County:	Los Angeles
Waste Category:	Polychlorinated biphenyls and material containing PCB's
Disposal Method:	Not reported
Tons:	.5000
Facility County:	Santa Clara

H47
North
1/4-1/2
2618 ft.

Relative:
Lower

Actual:
18 ft.

AMERICAN SPEEDY PRINTING
469 VALLEY WAY
MILPITAS, CA 95035

HAZNET

S100929468
N/A

Site 3 of 3 in cluster H

HAZNET:

Gepaid:	CAL921344813
Contact:	LARRY ALLEN -DOUG LAUDENSLAGER
Telephone:	4089456646
Facility Addr2:	Not reported
Mailing Name:	Not reported
Mailing Address:	469 VALLEY WAY
Mailing City,St,Zip:	MILPITAS, CA 950350000
Gen County:	Santa Clara
TSD EPA ID:	CAD070148432
TSD County:	1
Waste Category:	Photochemicals/photoprocessing waste
Disposal Method:	Treatment, Incineration
Tons:	.0625
Facility County:	Santa Clara

I48
East
1/4-1/2
2622 ft.

Relative:
Lower

Actual:
25 ft.

701 S ABEL ST
MILPITAS, CA 95035

Site 1 of 5 in cluster I

CHMIRS **S100216461**
N/A

CHMIRS:

OES Incident Number:	8803520	
OES notification:	Not reported	
OES Date:	Not reported	
OES Time:	Not reported	
Incident Date:	29-OCT-88	
Date Completed:	**29-OCT-88**	
Property Use:	099	
Agency Id Number:	43030	
Agency Incident Number:	88-23084F	
Time Notified:	529	
Time Completed:	607	
Surrounding Area:	099	
Estimated Temperature:	60	
Property Management:	K	
Special Studies 1:	Not reported	
Special Studies 2:	Not reported	
Special Studies 3:	Not reported	
Special Studies 4:	Not reported	
Special Studies 5:	Not reported	
Special Studies 6:	Not reported	
More Than Two Substances Involved?:		N
Resp Agncy Personel # Of Decontaminated:		Not reported
Responding Agency Personel # Of Injuries:		Not reported
Responding Agency Personel # Of Fatalities:		Not reported
Others Number Of Decontaminated:		Not reported
Others Number Of Injuries:		Not reported
Others Number Of Fatalities:		Not reported
Vehicle Make/year:	Not reported	
Vehicle License Number:	Not reported	
Vehicle State:	Not reported	
Vehicle Id Number:	Not reported	
CA/DOT/PUC/ICC Number:	Not reported	
Company Name:	Not reported	
Reporting Officer Name/ID:	LT. GASKIN C17	
Report Date:	29-OCT-88	
Comments:	Y	
Facility Telephone:	408 942-2383	
Waterway Involved:	Not reported	
Waterway:	Not reported	
Spill Site:	Not reported	
Cleanup By:	Not reported	
Containment:	Not reported	
What Happened:	Not reported	
Type:	Not reported	
Measure:	Not reported	
Other:	Not reported	
Date/Time:	Not reported	
Year:	88-92	
Agency:	Not reported	
Incident Date:	Not reported	
Admin Agency:	Not reported	
Amount:	Not reported	

(Continued) **S100216461**

Contained:	Not reported
Site Type:	Not reported
E Date:	25-APR-89
Substance:	Not reported
Quantity Released:	Not reported
BBLS:	Not reported
Cups:	Not reported
CUFT:	Not reported
Gallons:	Not reported
Grams:	Not reported
Pounds:	Not reported
Liters:	Not reported
Ounces:	Not reported
Pints:	Not reported
Quarts:	Not reported
Sheen:	Not reported
Tons:	Not reported
Unknown:	Not reported
Description:	Not reported
Evacuations:	Not reported
Number of Injuries:	Not reported
Number of Fatalities:	Not reported

I49 **ELMWOOD MEN'S FACILITY** **HIST LUST** **S103880606**
East **701 S ABEL ST** **N/A**
1/4-1/2 **MILPITAS, CA 95035**
2622 ft.

Site 2 of 5 in cluster I

Relative: Lower

Actual: 25 ft.

HIST LUST:

Region:	SANTA CLARA
SCVWD ID:	06S1E07P02
Region Code:	2
Oversite Agency:	SCVWD
Date Listed:	1994-01-10 00:00:00
Closed Date:	1995-02-08 00:00:00

I50 **ELMWOOD COMPLEX** **HAZNET** **S103962721**
East **701 S ABEL ST** **N/A**
1/4-1/2 **MILPITAS, CA 95035**
2622 ft.

Site 3 of 5 in cluster I

Relative: Lower

Actual: 25 ft.

HAZNET:

Gepaid:	CAL922913237
Contact:	SANTA CLARA VALLEY MEDICAL CTR
Telephone:	4082998267
Facility Addr2:	Not reported
Mailing Name:	Not reported
Mailing Address:	701 S ABEL ST
Mailing City,St,Zip:	MILPITAS, CA 950350000
Gen County:	Santa Clara
TSD EPA ID:	CAL000115947
TSD County:	Santa Cruz
Waste Category:	Photochemicals/photoprocessing waste
Disposal Method:	Not reported

ELMWOOD COMPLEX (Continued) **S103962721**

Tons: .0030
Facility County: Santa Clara

Gepaid: CAL922913237
Contact: SANTA CLARA VALLEY MEDICAL CTR
Telephone: 4082998267
Facility Addr2: Not reported
Mailing Name: Not reported
Mailing Address: 701 S ABEL ST
Mailing City,St,Zip: MILPITAS, CA 950350000
Gen County: Santa Clara
TSD EPA ID: CAL000115947
TSD County: Santa Cruz
Waste Category: Photochemicals/photoprocessing waste
Disposal Method: Recycler
Tons: .8629
Facility County: Santa Clara

Gepaid: CAL922913237
Contact: SANTA CLARA VALLEY MEDICAL CTR
Telephone: 4082998267
Facility Addr2: Not reported
Mailing Name: Not reported
Mailing Address: 701 S ABEL ST
Mailing City,St,Zip: MILPITAS, CA 950350000
Gen County: Santa Clara
TSD EPA ID: CAL000115947
TSD County: Santa Cruz
Waste Category: Photochemicals/photoprocessing waste
Disposal Method: Recycler
Tons: 0.6171
Facility County: Santa Clara

Gepaid: CAL922913237
Contact: SANTA CLARA VALLEY MEDICAL CTR
Telephone: 4082998267
Facility Addr2: Not reported
Mailing Name: Not reported
Mailing Address: 701 S ABEL ST
Mailing City,St,Zip: MILPITAS, CA 950350000
Gen County: Santa Clara
TSD EPA ID: CAL000115947
TSD County: Santa Cruz
Waste Category: Photochemicals/photoprocessing waste
Disposal Method: Recycler
Tons: .6170
Facility County: Santa Clara

Gepaid: CAL922913237
Contact: SANTA CLARA VALLEY MEDICAL CTR
Telephone: 4082998267
Facility Addr2: Not reported
Mailing Name: Not reported
Mailing Address: 701 S ABEL ST
Mailing City,St,Zip: MILPITAS, CA 950350000
Gen County: Santa Clara
TSD EPA ID: CAL000115947

ELMWOOD COMPLEX (Continued) **S103962721**

TSD County: Santa Cruz
Waste Category: Photochemicals/photoprocessing waste
Disposal Method: Recycler
Tons: .2793
Facility County: Santa Clara

Click this hyperlink while viewing on your computer to access
1 additional CA_HAZNET: record(s) in the EDR Site Report.

I51 **SANTA CLARA COUNTY** **RCRA-SQG** **1000395023**
East **701 S ABEL ST** **HAZNET** **CAD981678725**
1/4-1/2 **MILPITAS, CA 95035** **EMI**
2622 ft.

Site 4 of 5 in cluster I

Relative: Lower

Actual: 25 ft.

RCRAInfo:
Owner: SANTA CLARA COUNTY
(415) 555-1212
EPA ID: CAD981678725

Contact: ENVIRONMENTAL MANAGER
(408) 299-2440

Classification: Small Quantity Generator
TSDF Activities: Not reported

Violation Status: No violations found

HAZNET:
Gepaid: CAD981678725
Contact: MARK STEWART
Telephone: 4089575914
Facility Addr2: Not reported
Mailing Name: Not reported
Mailing Address: 701 S ABEL ST
Mailing City,St,Zip: MILPITAS, CA 950355243
Gen County: Santa Clara
TSD EPA ID: Not reported
TSD County: Sacramento
Waste Category: Oxygenated solvents (acetone, butanol, ethyl acetate, etc.)
Disposal Method: Transfer Station
Tons: 0.14
Facility County: Not reported

Gepaid: CAD981678725
Contact: MARK STEWART
Telephone: 4089575914
Facility Addr2: Not reported
Mailing Name: Not reported
Mailing Address: 701 S ABEL ST
Mailing City,St,Zip: MILPITAS, CA 950355243
Gen County: Santa Clara
TSD EPA ID: Not reported
TSD County: San Bernardino
Waste Category: Latex waste
Disposal Method: Transfer Station
Tons: 0.33
Facility County: Not reported

SANTA CLARA COUNTY (Continued) **1000395023**

Gepaid:	CAD981678725
Contact:	MARK STEWART
Telephone:	4089575914
Facility Addr2:	Not reported
Mailing Name:	Not reported
Mailing Address:	701 S ABEL ST
Mailing City,St,Zip:	MILPITAS, CA 950355243
Gen County:	Santa Clara
TSD EPA ID:	Not reported
TSD County:	99
Waste Category:	Off-specification, aged, or surplus inorganics
Disposal Method:	Treatment, Incineration
Tons:	0.02
Facility County:	Not reported

Gepaid:	CAD981678725
Contact:	MARK STEWART
Telephone:	4089575914
Facility Addr2:	Not reported
Mailing Name:	Not reported
Mailing Address:	701 S ABEL ST
Mailing City,St,Zip:	MILPITAS, CA 950355243
Gen County:	Santa Clara
TSD EPA ID:	Not reported
TSD County:	99
Waste Category:	Other inorganic solid waste
Disposal Method:	Treatment, Incineration
Tons:	1.00
Facility County:	Not reported

Gepaid:	CAD981678725
Contact:	MARK STEWART
Telephone:	4089575914
Facility Addr2:	Not reported
Mailing Name:	Not reported
Mailing Address:	701 S ABEL ST
Mailing City,St,Zip:	MILPITAS, CA 950355243
Gen County:	Santa Clara
TSD EPA ID:	Not reported
TSD County:	99
Waste Category:	Off-specification, aged, or surplus organics
Disposal Method:	Recycler
Tons:	0.20
Facility County:	Not reported

Click this hyperlink while viewing on your computer to access
58 additional CA_HAZNET: record(s) in the EDR Site Report.

EMI:

Year:	1990
Carbon Monoxide Emissions Tons/Yr:	43
Air Basin:	SF
Facility ID:	4445
Air District Name:	BA
SIC Code:	7532
Air District Name:	BAY AREA AQMD
Community Health Air Pollution Info System:	Not reported

SANTA CLARA COUNTY (Continued) **1000395023**

Consolidated Emission Reporting Rule:	Not reported
Total Organic Hydrocarbon Gases Tons/Yr:	5
Reactive Organic Gases Tons/Yr:	4
Carbon Monoxide Emissions Tons/Yr:	0
NOX - Oxides of Nitrogen Tons/Yr:	0
SOX - Oxides of Sulphur Tons/Yr:	0
Particulate Matter Tons/Yr:	0
Part. Matter 10 Micrometers & Smllr Tons/Yr:	0

I52 **DEPARTMENT OF GENERAL SERVICES** **EMI** **1005775537**
East **701 SO ABEL STREET** **110002411382**
1/4-1/2 **MILPITAS, CA 95035**
2622 ft.

Site 5 of 5 in cluster I

Relative:
Lower

Actual:
25 ft.

EMI:

Year:	1993
Carbon Monoxide Emissions Tons/Yr:	43
Air Basin:	SF
Facility ID:	7167
Air District Name:	BA
SIC Code:	9532
Air District Name:	BAY AREA AQMD
Community Health Air Pollution Info System:	Not reported
Consolidated Emission Reporting Rule:	Not reported
Total Organic Hydrocarbon Gases Tons/Yr:	1
Reactive Organic Gases Tons/Yr:	1
Carbon Monoxide Emissions Tons/Yr:	0
NOX - Oxides of Nitrogen Tons/Yr:	0
SOX - Oxides of Sulphur Tons/Yr:	0
Particulate Matter Tons/Yr:	0
Part. Matter 10 Micrometers & Smllr Tons/Yr:	0

Year:	1995
Carbon Monoxide Emissions Tons/Yr:	43
Air Basin:	SF
Facility ID:	7167
Air District Name:	BA
SIC Code:	9532
Air District Name:	BAY AREA AQMD
Community Health Air Pollution Info System:	Not reported
Consolidated Emission Reporting Rule:	Not reported
Total Organic Hydrocarbon Gases Tons/Yr:	2
Reactive Organic Gases Tons/Yr:	2
Carbon Monoxide Emissions Tons/Yr:	0
NOX - Oxides of Nitrogen Tons/Yr:	0
SOX - Oxides of Sulphur Tons/Yr:	0
Particulate Matter Tons/Yr:	0
Part. Matter 10 Micrometers & Smllr Tons/Yr:	0

Year:	1996
Carbon Monoxide Emissions Tons/Yr:	43
Air Basin:	SF
Facility ID:	7167
Air District Name:	BA
SIC Code:	9532
Air District Name:	BAY AREA AQMD
Community Health Air Pollution Info System:	Not reported

DEPARTMENT OF GENERAL SERVICES (Continued) **1005775537**

Consolidated Emission Reporting Rule:	Not reported
Total Organic Hydrocarbon Gases Tons/Yr:	2
Reactive Organic Gases Tons/Yr:	2
Carbon Monoxide Emissions Tons/Yr:	0
NOX - Oxides of Nitrogen Tons/Yr:	0
SOX - Oxides of Sulphur Tons/Yr:	0
Particulate Matter Tons/Yr:	0
Part. Matter 10 Micrometers & Smllr Tons/Yr:	0
Year:	1997
Carbon Monoxide Emissions Tons/Yr:	43
Air Basin:	SF
Facility ID:	7167
Air District Name:	BA
SIC Code:	9532
Air District Name:	BAY AREA AQMD
Community Health Air Pollution Info System:	Not reported
Consolidated Emission Reporting Rule:	Not reported
Total Organic Hydrocarbon Gases Tons/Yr:	2
Reactive Organic Gases Tons/Yr:	2
Carbon Monoxide Emissions Tons/Yr:	0
NOX - Oxides of Nitrogen Tons/Yr:	0
SOX - Oxides of Sulphur Tons/Yr:	0
Particulate Matter Tons/Yr:	0
Part. Matter 10 Micrometers & Smllr Tons/Yr:	0
Year:	1998
Carbon Monoxide Emissions Tons/Yr:	43
Air Basin:	SF
Facility ID:	7167
Air District Name:	BA
SIC Code:	9532
Air District Name:	BAY AREA AQMD
Community Health Air Pollution Info System:	Not reported
Consolidated Emission Reporting Rule:	Not reported
Total Organic Hydrocarbon Gases Tons/Yr:	2
Reactive Organic Gases Tons/Yr:	2
Carbon Monoxide Emissions Tons/Yr:	0
NOX - Oxides of Nitrogen Tons/Yr:	0
SOX - Oxides of Sulphur Tons/Yr:	0
Particulate Matter Tons/Yr:	0
Part. Matter 10 Micrometers & Smllr Tons/Yr:	0
Year:	1999
Carbon Monoxide Emissions Tons/Yr:	43
Air Basin:	SF
Facility ID:	7167
Air District Name:	BA
SIC Code:	9532
Air District Name:	BAY AREA AQMD
Community Health Air Pollution Info System:	Not reported
Consolidated Emission Reporting Rule:	Not reported
Total Organic Hydrocarbon Gases Tons/Yr:	2
Reactive Organic Gases Tons/Yr:	2
Carbon Monoxide Emissions Tons/Yr:	0
NOX - Oxides of Nitrogen Tons/Yr:	0
SOX - Oxides of Sulphur Tons/Yr:	0

DEPARTMENT OF GENERAL SERVICES (Continued) **1005775537**

Particulate Matter Tons/Yr:	0
Part. Matter 10 Micrometers & Smllr Tons/Yr:	0
Year:	2000
Carbon Monoxide Emissions Tons/Yr:	43
Air Basin:	SF
Facility ID:	7167
Air District Name:	BA
SIC Code:	9532
Air District Name:	BAY AREA AQMD
Community Health Air Pollution Info System:	Not reported
Consolidated Emission Reporting Rule:	Not reported
Total Organic Hydrocarbon Gases Tons/Yr:	2
Reactive Organic Gases Tons/Yr:	2
Carbon Monoxide Emissions Tons/Yr:	0
NOX - Oxides of Nitrogen Tons/Yr:	0
SOX - Oxides of Sulphur Tons/Yr:	0
Particulate Matter Tons/Yr:	0
Part. Matter 10 Micrometers & Smllr Tons/Yr:	0
Year:	2001
Carbon Monoxide Emissions Tons/Yr:	43
Air Basin:	SF
Facility ID:	7167
Air District Name:	BA
SIC Code:	9532
Air District Name:	BAY AREA AQMD
Community Health Air Pollution Info System:	Not reported
Consolidated Emission Reporting Rule:	Not reported
Total Organic Hydrocarbon Gases Tons/Yr:	2
Reactive Organic Gases Tons/Yr:	1
Carbon Monoxide Emissions Tons/Yr:	0
NOX - Oxides of Nitrogen Tons/Yr:	0
SOX - Oxides of Sulphur Tons/Yr:	0
Particulate Matter Tons/Yr:	0
Part. Matter 10 Micrometers & Smllr Tons/Yr:	0
Year:	2002
Carbon Monoxide Emissions Tons/Yr:	43
Air Basin:	SF
Facility ID:	7167
Air District Name:	BA
SIC Code:	9532
Air District Name:	BAY AREA AQMD
Community Health Air Pollution Info System:	Not reported
Consolidated Emission Reporting Rule:	Not reported
Total Organic Hydrocarbon Gases Tons/Yr:	2
Reactive Organic Gases Tons/Yr:	1
Carbon Monoxide Emissions Tons/Yr:	0
NOX - Oxides of Nitrogen Tons/Yr:	0
SOX - Oxides of Sulphur Tons/Yr:	0
Particulate Matter Tons/Yr:	0
Part. Matter 10 Micrometers & Smllr Tons/Yr:	0
Year:	2003
Carbon Monoxide Emissions Tons/Yr:	43
Air Basin:	SF

DEPARTMENT OF GENERAL SERVICES (Continued) **1005775537**

Facility ID:	7167
Air District Name:	BA
SIC Code:	9532
Air District Name:	BAY AREA AQMD
Community Health Air Pollution Info System:	Not reported
Consolidated Emission Reporting Rule:	Not reported
Total Organic Hydrocarbon Gases Tons/Yr:	2
Reactive Organic Gases Tons/Yr:	2
Carbon Monoxide Emissions Tons/Yr:	0
NOX - Oxides of Nitrogen Tons/Yr:	0
SOX - Oxides of Sulphur Tons/Yr:	0
Particulate Matter Tons/Yr:	0
Part. Matter 10 Micrometers & Smllr Tons/Yr:	0

Year:	2004
Carbon Monoxide Emissions Tons/Yr:	43
Air Basin:	SF
Facility ID:	7167
Air District Name:	BA
SIC Code:	9532
Air District Name:	BAY AREA AQMD
Community Health Air Pollution Info System:	Not reported
Consolidated Emission Reporting Rule:	Not reported
Total Organic Hydrocarbon Gases Tons/Yr:	2.043
Reactive Organic Gases Tons/Yr:	1.6474454
Carbon Monoxide Emissions Tons/Yr:	0.026
NOX - Oxides of Nitrogen Tons/Yr:	0.102
SOX - Oxides of Sulphur Tons/Yr:	0
Particulate Matter Tons/Yr:	0.002
Part. Matter 10 Micrometers & Smllr Tons/Yr:	0.001148

J53
North
1/2-1
2679 ft.

Relative:
Lower

Actual:
17 ft.

SOUTH ABBOTT AVE & VALLEY WAY **ERNS** **92267237**
SOUTH ABBOTT AVE & VALLEY WAY **N/A**
MILPITAS, CA 95035

Site 1 of 9 in cluster J

Click this hyperlink while viewing on your computer to access additional ERNS detail in the EDR Site Report.

J54
North
1/2-1
2679 ft.

Relative:
Lower

Actual:
17 ft.

CHMIRS **S100218296**
400 VALLEY WY **N/A**
MILPITAS, CA 95035

Site 2 of 9 in cluster J

CHMIRS:

OES Incident Number:	8910170
OES notification:	Not reported
OES Date:	Not reported
OES Time:	Not reported
Incident Date:	01-MAR-89
Date Completed:	**01-MAR-89**
Property Use:	936
Agency Id Number:	43030
Agency Incident Number:	89-4413F
Time Notified:	1115

(Continued) **S100218296**

Time Completed:	1142
Surrounding Area:	962
Estimated Temperature:	60
Property Management:	C
Special Studies 1:	Not reported
Special Studies 2:	Not reported
Special Studies 3:	Not reported
Special Studies 4:	Not reported
Special Studies 5:	Not reported
Special Studies 6:	Not reported
More Than Two Substances Involved?:	N
Resp Agncy Personel # Of Decontaminated:	0
Responding Agency Personel # Of Injuries:	0
Responding Agency Personel # Of Fatalities:	0
Others Number Of Decontaminated:	0
Others Number Of Injuries:	0
Others Number Of Fatalities:	0
Vehicle Make/year:	Not reported
Vehicle License Number:	Not reported
Vehicle State:	Not reported
Vehicle Id Number:	Not reported
CA/DOT/PUC/ICC Number:	Not reported
Company Name:	Not reported
Reporting Officer Name/ID:	RICHARD A. JENKINS C-15
Report Date:	01-MAR-89
Comments:	Not reported
Facility Telephone:	408 945-5785
Waterway Involved:	Not reported
Waterway:	Not reported
Spill Site:	Not reported
Cleanup By:	Not reported
Containment:	Not reported
What Happened:	Not reported
Type:	Not reported
Measure:	Not reported
Other:	Not reported
Date/Time:	Not reported
Year:	88-92
Agency:	Not reported
Incident Date:	Not reported
Admin Agency:	Not reported
Amount:	Not reported
Contained:	Not reported
Site Type:	Not reported
E Date:	04-MAY-90
Substance:	Not reported
Quantity Released:	Not reported
BBLS:	Not reported
Cups:	Not reported
CUFT:	Not reported
Gallons:	Not reported
Grams:	Not reported
Pounds:	Not reported
Liters:	Not reported
Ounces:	Not reported
Pints:	Not reported
Quarts:	Not reported

(Continued) **S100218296**

Sheen:	Not reported
Tons:	Not reported
Unknown:	Not reported
Description:	Not reported
Evacuations:	Not reported
Number of Injuries:	Not reported
Number of Fatalities:	Not reported

55 **JAMES E MUSICK DC** **HAZNET** **S100937660**
ENE **430 S ABEL ST** **N/A**
1/2-1 **MILPITAS, CA 95035**
2692 ft.

Relative: **Lower**

Actual: **20 ft.**

HAZNET:

Gepaid:	CAL000066605
Contact:	JAMES E MUSICK DC
Telephone:	4082624600
Facility Addr2:	Not reported
Mailing Name:	Not reported
Mailing Address:	430 S ABEL ST STE 6
Mailing City,St,Zip:	MILPITAS, CA 950355211
Gen County:	Santa Clara
TSD EPA ID:	CAD070148432
TSD County:	1
Waste Category:	Photochemicals/photoprocessing waste
Disposal Method:	Treatment, Incineration
Tons:	.1167
Facility County:	Santa Clara

Gepaid:	CAL000066605
Contact:	JAMES E MUSICK DC
Telephone:	4082624600
Facility Addr2:	Not reported
Mailing Name:	Not reported
Mailing Address:	430 S ABEL ST STE 6
Mailing City,St,Zip:	MILPITAS, CA 950355211
Gen County:	Santa Clara
TSD EPA ID:	CAD070148432
TSD County:	1
Waste Category:	Photochemicals/photoprocessing waste
Disposal Method:	Treatment, Incineration
Tons:	.1251
Facility County:	Santa Clara

Gepaid:	CAL000066605
Contact:	JAMES E MUSICK DC
Telephone:	4082624600
Facility Addr2:	Not reported
Mailing Name:	Not reported
Mailing Address:	430 S ABEL ST STE 6
Mailing City,St,Zip:	MILPITAS, CA 950355211
Gen County:	Santa Clara
TSD EPA ID:	CA0000084517
TSD County:	Sacramento
Waste Category:	Photochemicals/photoprocessing waste
Disposal Method:	Transfer Station
Tons:	0.0625
Facility County:	Santa Clara

JAMES E MUSICK DC (Continued) **S100937660**

Gepaid:	CAL000066605
Contact:	JAMES E MUSICK DC
Telephone:	4082624600
Facility Addr2:	Not reported
Mailing Name:	Not reported
Mailing Address:	430 S ABEL ST STE 6
Mailing City,St,Zip:	MILPITAS, CA 950355211
Gen County:	Santa Clara
TSD EPA ID:	CAD070148432
TSD County:	1
Waste Category:	Photochemicals/photoprocessing waste
Disposal Method:	Recycler
Tons:	.0625
Facility County:	Santa Clara

Gepaid:	CAL000066605
Contact:	JAMES E MUSICK DC
Telephone:	4082624600
Facility Addr2:	Not reported
Mailing Name:	Not reported
Mailing Address:	430 S ABEL ST STE 6
Mailing City,St,Zip:	MILPITAS, CA 950355211
Gen County:	Santa Clara
TSD EPA ID:	CA0000084517
TSD County:	Sacramento
Waste Category:	Photochemicals/photoprocessing waste
Disposal Method:	Transfer Station
Tons:	.1250
Facility County:	Santa Clara

Click this hyperlink while viewing on your computer to access
1 additional CA_HAZNET: record(s) in the EDR Site Report.

K56 **WALGREENS #3671** **HAZNET** **S103994906**
NNE **342 W CALAVERAS** **N/A**
1/2-1 **MILPITAS, CA 95035**
2693 ft.

Site 1 of 2 in cluster K

Relative:
Lower

Actual:
18 ft.

HAZNET:

Gepaid:	CAL000194034
Contact:	WALGREEN COMPANY
Telephone:	8479143143
Facility Addr2:	Not reported
Mailing Name:	Not reported
Mailing Address:	4020 STIRRUP CREEK DR STE 211
Mailing City,St,Zip:	DURHAM, NC 277030000
Gen County:	Santa Clara
TSD EPA ID:	CAD981402522
TSD County:	Kern
Waste Category:	Photochemicals/photoprocessing waste
Disposal Method:	Recycler
Tons:	4.0237
Facility County:	Santa Clara

K57
NNE
1/2-1
2693 ft.

Relative:
Lower

Actual:
18 ft.

WALGREENS 3671
342 W CALAVERAS BLVD
MILPITAS, CA 95035

HAZNET **1001227054**
RCRA-LQG **CAR000042978**

Site 2 of 2 in cluster K

HAZNET:

Gepaid:	CAR000042978
Contact:	WALGREEN DRUG COMPANY
Telephone:	0000000000
Facility Addr2:	Not reported
Mailing Name:	Not reported
Mailing Address:	4020 STIRRUP CREEK DRIVE SUITE 211
Mailing City,St,Zip:	DURHAM, NC 277030000
Gen County:	Santa Clara
TSD EPA ID:	CAD981402522
TSD County:	Kern
Waste Category:	Photochemicals/photoprocessing waste
Disposal Method:	Recycler
Tons:	3.2730
Facility County:	Santa Clara

Gepaid:	CAR000042978
Contact:	WALGREEN DRUG COMPANY
Telephone:	0000000000
Facility Addr2:	Not reported
Mailing Name:	Not reported
Mailing Address:	4020 STIRRUP CREEK DRIVE SUITE 211
Mailing City,St,Zip:	DURHAM, NC 277030000
Gen County:	Santa Clara
TSD EPA ID:	CAD981402522
TSD County:	Kern
Waste Category:	Photochemicals/photoprocessing waste
Disposal Method:	Recycler
Tons:	13.2719
Facility County:	Santa Clara

Gepaid:	CAR000042978
Contact:	RUSS ROELLER - HSE MANAGER
Telephone:	9194843616
Facility Addr2:	Not reported
Mailing Name:	Not reported
Mailing Address:	4020 STIRRUP CREEK DR STE 211
Mailing City,St,Zip:	DURHAM, NC 277030000
Gen County:	Santa Clara
TSD EPA ID:	Not reported
TSD County:	Kern
Waste Category:	Photochemicals/photoprocessing waste
Disposal Method:	Recycler
Tons:	7.79
Facility County:	Not reported

Gepaid:	CAR000042978
Contact:	WALGREEN DRUG COMPANY
Telephone:	0000000000
Facility Addr2:	Not reported
Mailing Name:	Not reported
Mailing Address:	4020 STIRRUP CREEK DRIVE SUITE 211
Mailing City,St,Zip:	DURHAM, NC 277030000

WALGREENS 3671 (Continued) **1001227054**

Gen County: Santa Clara
TSD EPA ID: CAD981402522
TSD County: Kern
Waste Category: Not reported
Disposal Method: Recycler
Tons: .0010
Facility County: Santa Clara

Gepaid: CAR000042978
Contact: WALGREEN DRUG COMPANY
Telephone: 0000000000
Facility Addr2: Not reported
Mailing Name: Not reported
Mailing Address: 4020 STIRRUP CREEK DRIVE SUITE 211
Mailing City,St,Zip: DURHAM, NC 277030000
Gen County: Santa Clara
TSD EPA ID: CAD981402522
TSD County: Kern
Waste Category: Photochemicals/photoprocessing waste
Disposal Method: Not reported
Tons: .5420
Facility County: Santa Clara

Click this hyperlink while viewing on your computer to access
6 additional CA_HAZNET: record(s) in the EDR Site Report.

RCRAInfo:
Owner: WALGREEN CO
(847) 914-3193
EPA ID: CAR000042978

Contact: RUSS ROELLER
(919) 484-3631

Classification: Large Quantity Generator
TSDF Activities: Not reported

Violation Status: No violations found

J58 **ARCO FAC #2121** **HAZNET** **S103659180**
North **43 S ABBOTT** **N/A**
1/2-1 **MILPITAS, CA 95035**
2697 ft.

Site 3 of 9 in cluster J

Relative:
Lower

Actual:
17 ft.

HAZNET:
Gepaid: CAL000024794
Contact: ATLANTIC RICHFIELD CORP
Telephone: 7146705366
Facility Addr2: Not reported
Mailing Name: Not reported
Mailing Address: PO BOX 6038
Mailing City,St,Zip: ARTESIA, CA 907026038
Gen County: Santa Clara
TSD EPA ID: CAD009452657
TSD County: San Mateo
Waste Category: Unspecified organic liquid mixture
Disposal Method: Recycler
Tons: .4170

ARCO FAC #2121 (Continued) **S103659180**

Facility County: Santa Clara

Gepaid: CAL000024794
Contact: ATLANTIC RICHFIELD CORP
Telephone: 7146705366
Facility Addr2: Not reported
Mailing Name: Not reported
Mailing Address: PO BOX 6038
Mailing City,St,Zip: ARTESIA, CA 907026038
Gen County: Santa Clara
TSD EPA ID: CAD043260702
TSD County: San Mateo
Waste Category: Unspecified oil-containing waste
Disposal Method: Recycler
Tons: .1876
Facility County: Santa Clara

Gepaid: CAL000024794
Contact: ATLANTIC RICHFIELD CORP
Telephone: 7146705366
Facility Addr2: Not reported
Mailing Name: Not reported
Mailing Address: PO BOX 6038
Mailing City,St,Zip: ARTESIA, CA 907026038
Gen County: Santa Clara
TSD EPA ID: CAD043260702
TSD County: San Mateo
Waste Category: Unspecified oil-containing waste
Disposal Method: Not reported
Tons: .0625
Facility County: Santa Clara

Gepaid: CAL000024794
Contact: ATLANTIC RICHFIELD CORP
Telephone: 7146705366
Facility Addr2: Not reported
Mailing Name: Not reported
Mailing Address: PO BOX 6038
Mailing City,St,Zip: ARTESIA, CA 907026038
Gen County: Santa Clara
TSD EPA ID: CAD028409019
TSD County: Los Angeles
Waste Category: Unspecified oil-containing waste
Disposal Method: Treatment, Tank
Tons: 2.0641
Facility County: Santa Clara

Gepaid: CAL000024794
Contact: CARLOS RODRIGUEZ-ENV COMP ADM
Telephone: 7146705366
Facility Addr2: Not reported
Mailing Name: Not reported
Mailing Address: PO BOX 6038
Mailing City,St,Zip: ARTESIA, CA 907026038
Gen County: Santa Clara
TSD EPA ID: Not reported
TSD County: San Mateo

ARCO FAC #2121 (Continued) **S103659180**

Waste Category: Unspecified organic liquid mixture
Disposal Method: Recycler
Tons: 1.73
Facility County: Not reported

Click this hyperlink while viewing on your computer to access
21 additional CA_HAZNET: record(s) in the EDR Site Report.

J59 **CHMIRS** **S100277420**
North **43 SOUTH ABBOTT AVENUE** **N/A**
1/2-1 **MILITAS, CA 95035**
2697 ft.

Site 4 of 9 in cluster J

Relative:
Lower

Actual:
17 ft.

CHMIRS:

OES Incident Number:	9116165
OES notification:	Not reported
OES Date:	Not reported
OES Time:	Not reported
Incident Date:	02-APR-91
Date Completed:	**02-APR-91**
Property Use:	500
Agency Id Number:	43030
Agency Incident Number:	91-6849F
Time Notified:	1430
Time Completed:	1515
Surrounding Area:	962
Estimated Temperature:	65
Property Management:	P
Special Studies 1:	Not reported
Special Studies 2:	Not reported
Special Studies 3:	Not reported
Special Studies 4:	Not reported
Special Studies 5:	Not reported
Special Studies 6:	Not reported
More Than Two Substances Involved?:	N
Resp Agncy Personel # Of Decontaminated:	0
Responding Agency Personel # Of Injuries:	0
Responding Agency Personel # Of Fatalities:	0
Others Number Of Decontaminated:	0
Others Number Of Injuries:	0
Others Number Of Fatalities:	0
Vehicle Make/year:	82/CADILLAC
Vehicle License Number:	2NCW024
Vehicle State:	CA
Vehicle Id Number:	IG6AG69GXCC416744
CA/DOT/PUC/ICC Number:	Not reported
Company Name:	Not reported
Reporting Officer Name/ID:	CAPT. MICHAEL LOPEZ
Report Date:	02-MAR-91
Comments:	N
Facility Telephone:	408 942-2388
Waterway Involved:	Not reported
Waterway:	Not reported
Spill Site:	Not reported
Cleanup By:	Not reported
Containment:	Not reported
What Happened:	Not reported

(Continued) **S100277420**

Type:	Not reported
Measure:	Not reported
Other:	Not reported
Date/Time:	Not reported
Year:	88-92
Agency:	Not reported
Incident Date:	Not reported
Admin Agency:	Not reported
Amount:	Not reported
Contained:	Not reported
Site Type:	Not reported
E Date:	19-JUN-92
Substance:	Not reported
Quantity Released:	Not reported
BBLS:	Not reported
Cups:	Not reported
CUFT:	Not reported
Gallons:	Not reported
Grams:	Not reported
Pounds:	Not reported
Liters:	Not reported
Ounces:	Not reported
Pints:	Not reported
Quarts:	Not reported
Sheen:	Not reported
Tons:	Not reported
Unknown:	Not reported
Description:	Not reported
Evacuations:	Not reported
Number of Injuries:	Not reported
Number of Fatalities:	Not reported

J60 **CHMIRS** **S100275268**
North **43 S. ABBOTT** **N/A**
1/2-1 **MILPITAS, CA 95035**
2697 ft.

Site 5 of 9 in cluster J

Relative:
Lower

CHMIRS:

Actual:
17 ft.

OES Incident Number:	8910079
OES notification:	Not reported
OES Date:	Not reported
OES Time:	Not reported
Incident Date:	01-FEB-89
Date Completed:	**01-FEB-89**
Property Use:	400
Agency Id Number:	43030
Agency Incident Number:	99999
Time Notified:	2022
Time Completed:	2236
Surrounding Area:	400
Estimated Temperature:	40
Property Management:	C
Special Studies 1:	Not reported
Special Studies 2:	Not reported
Special Studies 3:	Not reported
Special Studies 4:	Not reported
Special Studies 5:	Not reported

(Continued) **S100275268**

Special Studies 6:	Not reported
More Than Two Substances Involved?:	N
Resp Agncy Personel # Of Decontaminated:	0
Responding Agency Personel # Of Injuries:	0
Responding Agency Personel # Of Fatalities:	0
Others Number Of Decontaminated:	0
Others Number Of Injuries:	0
Others Number Of Fatalities:	0
Vehicle Make/year:	Not reported
Vehicle License Number:	Not reported
Vehicle State:	Not reported
Vehicle Id Number:	Not reported
CA/DOT/PUC/ICC Number:	Not reported
Company Name:	Not reported
Reporting Officer Name/ID:	RICHARD JENKINS C-15
Report Date:	02-FEB-89
Comments:	Not reported
Facility Telephone:	408 945-5787
Waterway Involved:	Not reported
Waterway:	Not reported
Spill Site:	Not reported
Cleanup By:	Not reported
Containment:	Not reported
What Happened:	Not reported
Type:	Not reported
Measure:	Not reported
Other:	Not reported
Date/Time:	Not reported
Year:	88-92
Agency:	Not reported
Incident Date:	Not reported
Admin Agency:	Not reported
Amount:	Not reported
Contained:	Not reported
Site Type:	Not reported
E Date:	03-MAY-90
Substance:	Not reported
Quantity Released:	Not reported
BBLS:	Not reported
Cups:	Not reported
CUFT:	Not reported
Gallons:	Not reported
Grams:	Not reported
Pounds:	Not reported
Liters:	Not reported
Ounces:	Not reported
Pints:	Not reported
Quarts:	Not reported
Sheen:	Not reported
Tons:	Not reported
Unknown:	Not reported
Description:	Not reported
Evacuations:	Not reported
Number of Injuries:	Not reported
Number of Fatalities:	Not reported

J61
North
1/2-1
2697 ft.

Relative:
Lower

Actual:
17 ft.

43 SOUTH ABBOTT AVENUE
MILPITAS, CA 95136

Site 6 of 9 in cluster J

CHMIRS **S100278523**
N/A

CHMIRS:

OES Incident Number:	9120723
OES notification:	Not reported
OES Date:	Not reported
OES Time:	Not reported
Incident Date:	04-DEC-91
Date Completed:	**04-DEC-91**
Property Use:	500
Agency Id Number:	43030
Agency Incident Number:	43030
Time Notified:	1136
Time Completed:	1211
Surrounding Area:	500
Estimated Temperature:	65
Property Management:	P
Special Studies 1:	Not reported
Special Studies 2:	Not reported
Special Studies 3:	Not reported
Special Studies 4:	Not reported
Special Studies 5:	Not reported
Special Studies 6:	Not reported
More Than Two Substances Involved?:	N
Resp Agncy Personel # Of Decontaminated:	0
Responding Agency Personel # Of Injuries:	0
Responding Agency Personel # Of Fatalities:	0
Others Number Of Decontaminated:	0
Others Number Of Injuries:	0
Others Number Of Fatalities:	0
Vehicle Make/year:	1987 PLYMOUTH
Vehicle License Number:	1768BU
Vehicle State:	WY
Vehicle Id Number:	Not reported
CA/DOT/PUC/ICC Number:	Not reported
Company Name:	PRIVATE
Reporting Officer Name/ID:	CAPT. D. LMAIL C-6
Report Date:	04-DEC-91
Comments:	N
Facility Telephone:	408 942-2383
Waterway Involved:	Not reported
Waterway:	Not reported
Spill Site:	Not reported
Cleanup By:	Not reported
Containment:	Not reported
What Happened:	Not reported
Type:	Not reported
Measure:	Not reported
Other:	Not reported
Date/Time:	Not reported
Year:	88-92
Agency:	Not reported
Incident Date:	Not reported
Admin Agency:	Not reported
Amount:	Not reported

(Continued) **S100278523**

Contained:	Not reported
Site Type:	Not reported
E Date:	20-AUG-92
Substance:	Not reported
Quantity Released:	Not reported
BBLS:	Not reported
Cups:	Not reported
CUFT:	Not reported
Gallons:	Not reported
Grams:	Not reported
Pounds:	Not reported
Liters:	Not reported
Ounces:	Not reported
Pints:	Not reported
Quarts:	Not reported
Sheen:	Not reported
Tons:	Not reported
Unknown:	Not reported
Description:	Not reported
Evacuations:	Not reported
Number of Injuries:	Not reported
Number of Fatalities:	Not reported

J62 **CHMIRS** **S105633458**
North **43 SOUTH ABBOTT ST** **N/A**
1/2-1 **MILPITAS, CA 95035**
2697 ft.

Site 7 of 9 in cluster J

Relative:
Lower

CHMIRS:

Actual:
17 ft.

OES Incident Number:	4687
OES notification:	Not reported
OES Date:	10/14/1994
OES Time:	03:07:45 PM
Incident Date:	Not reported
Date Completed:	**Not reported**
Property Use:	Not reported
Agency Id Number:	Not reported
Agency Incident Number:	Not reported
Time Notified:	Not reported
Time Completed:	Not reported
Surrounding Area:	Not reported
Estimated Temperature:	Not reported
Property Management:	Not reported
Special Studies 1:	Not reported
Special Studies 2:	Not reported
Special Studies 3:	Not reported
Special Studies 4:	Not reported
Special Studies 5:	Not reported
Special Studies 6:	Not reported
More Than Two Substances Involved?:	Not reported
Resp Agncy Personel # Of Decontaminated:	Not reported
Responding Agency Personel # Of Injuries:	Not reported
Responding Agency Personel # Of Fatalities:	Not reported
Others Number Of Decontaminated:	Not reported
Others Number Of Injuries:	Not reported
Others Number Of Fatalities:	Not reported
Vehicle Make/year:	Not reported

(Continued) **S105633458**

Vehicle License Number:	Not reported
Vehicle State:	Not reported
Vehicle Id Number:	Not reported
CA/DOT/PUC/ICC Number:	Not reported
Company Name:	Not reported
Reporting Officer Name/ID:	Not reported
Report Date:	Not reported
Comments:	Not reported
Facility Telephone:	Not reported
Waterway Involved:	YES
Waterway:	Not reported
Spill Site:	Not reported
Cleanup By:	ARCO CONTRACTOR
Containment:	Not reported
What Happened:	Not reported
Type:	PETROLEUM
Measure:	Not reported
Other:	Not reported
Date/Time:	Not reported
Year:	1994
Agency:	ARCO
Incident Date:	0300 10/13/94
Admin Agency:	Not reported
Amount:	UNKNOWN
Contained:	NO
Site Type:	S/S
E Date:	Not reported
Substance:	GASOLINE
Quantity Released:	Not reported
BBLS:	Not reported
Cups:	Not reported
CUFT:	Not reported
Gallons:	Not reported
Grams:	Not reported
Pounds:	Not reported
Liters:	Not reported
Ounces:	Not reported
Pints:	Not reported
Quarts:	Not reported
Sheen:	Not reported
Tons:	Not reported
Unknown:	Not reported
Description:	CUSTOMER DRIVE OFF
Evacuations:	NO
Number of Injuries:	NO
Number of Fatalities:	NO

J63 **FAMILY DENTISTRY II** **HAZNET** **S103657244**
North **40 S ABBOTT AVE** **N/A**
1/2-1 **MILPITAS, CA 95035**
2735 ft.

Site 8 of 9 in cluster J

Relative:
Lower

Actual:
17 ft.

HAZNET:

Gepaid:	CAL000163141
Contact:	BAUTISTA/EDUVALA/IBALO PARTNER
Telephone:	0000000000
Facility Addr2:	Not reported

FAMILY DENTISTRY II (Continued) **S103657244**

Mailing Name:	Not reported
Mailing Address:	40 S ABBOTT AVE
Mailing City,St,Zip:	MILPITAS, CA 950354802
Gen County:	Santa Clara
TSD EPA ID:	CAL000082530
TSD County:	Santa Clara
Waste Category:	Not reported
Disposal Method:	Treatment, Tank
Tons:	0
Facility County:	Santa Clara

Gepaid:	CAL000163141
Contact:	BAUTISTA/EDUVALA/IBALO PARTNER
Telephone:	0000000000
Facility Addr2:	Not reported
Mailing Name:	Not reported
Mailing Address:	40 S ABBOTT AVE
Mailing City,St,Zip:	MILPITAS, CA 950354802
Gen County:	Santa Clara
TSD EPA ID:	CAL000082530
TSD County:	Santa Clara
Waste Category:	Photochemicals/photoprocessing waste
Disposal Method:	Treatment, Tank
Tons:	0.0083
Facility County:	Santa Clara

Gepaid:	CAL000163141
Contact:	BAUTISTA/EDUVALA/IBALO PARTNER
Telephone:	0000000000
Facility Addr2:	Not reported
Mailing Name:	Not reported
Mailing Address:	40 S ABBOTT AVE
Mailing City,St,Zip:	MILPITAS, CA 950354802
Gen County:	Santa Clara
TSD EPA ID:	CAL000082530
TSD County:	Santa Clara
Waste Category:	Not reported
Disposal Method:	Treatment, Tank
Tons:	.0000
Facility County:	Santa Clara

Gepaid:	CAL000163141
Contact:	BAUTISTA/EDUVALA/IBALO PARTNER
Telephone:	0000000000
Facility Addr2:	Not reported
Mailing Name:	Not reported
Mailing Address:	40 S ABBOTT AVE
Mailing City,St,Zip:	MILPITAS, CA 950354802
Gen County:	Santa Clara
TSD EPA ID:	CAL000082530
TSD County:	Santa Clara
Waste Category:	Photochemicals/photoprocessing waste
Disposal Method:	Treatment, Tank
Tons:	.0417
Facility County:	Santa Clara

Gepaid: CAL000163141

FAMILY DENTISTRY II (Continued) **S103657244**

Contact:	BAUTISTA/EDUVALA/IBALO PARTNER
Telephone:	0000000000
Facility Addr2:	Not reported
Mailing Name:	Not reported
Mailing Address:	40 S ABBOTT AVE
Mailing City,St,Zip:	MILPITAS, CA 950354802
Gen County:	Santa Clara
TSD EPA ID:	CAL000082530
TSD County:	Santa Clara
Waste Category:	Photochemicals/photoprocessing waste
Disposal Method:	Treatment, Tank
Tons:	.0667
Facility County:	Santa Clara

Click this hyperlink while viewing on your computer to access
1 additional CA_HAZNET: record(s) in the EDR Site Report.

J64 **FAMILY DENTAL CENTER** **HAZNET** **S103964015**
North **40 S ABBOTT AVE** **N/A**
1/2-1 **MILPITAS, CA 95035**
2735 ft.

Site 9 of 9 in cluster J

Relative:
Lower

Actual:
17 ft.

HAZNET:

Gepaid:	CAL000176571
Contact:	DR ROMEO S BAUTISTA
Telephone:	0000000000
Facility Addr2:	Not reported
Mailing Name:	Not reported
Mailing Address:	40 S ABBOTT AVE
Mailing City,St,Zip:	MILPITAS, CA 950350000
Gen County:	Santa Clara
TSD EPA ID:	CAL000082530
TSD County:	Santa Clara
Waste Category:	Not reported
Disposal Method:	Treatment, Tank
Tons:	.0000
Facility County:	Santa Clara

Gepaid:	CAL000176571
Contact:	DR ROMEO S BAUTISTA
Telephone:	0000000000
Facility Addr2:	Not reported
Mailing Name:	Not reported
Mailing Address:	40 S ABBOTT AVE
Mailing City,St,Zip:	MILPITAS, CA 950350000
Gen County:	Santa Clara
TSD EPA ID:	CAL000082530
TSD County:	Santa Clara
Waste Category:	Unspecified organic liquid mixture
Disposal Method:	Treatment, Tank
Tons:	.0124
Facility County:	Santa Clara

Gepaid:	CAL000176571
Contact:	DR ROMEO S BAUTISTA
Telephone:	0000000000
Facility Addr2:	Not reported

FAMILY DENTAL CENTER (Continued) **S103964015**

Mailing Name:	Not reported
Mailing Address:	40 S ABBOTT AVE
Mailing City,St,Zip:	MILPITAS, CA 950350000
Gen County:	Santa Clara
TSD EPA ID:	CAL000082530
TSD County:	Santa Clara
Waste Category:	Photochemicals/photoprocessing waste
Disposal Method:	Treatment, Tank
Tons:	.0208
Facility County:	Santa Clara

Gepaid:	CAL000176571
Contact:	DR ROMEO S BAUTISTA
Telephone:	0000000000
Facility Addr2:	Not reported
Mailing Name:	Not reported
Mailing Address:	40 S ABBOTT AVE
Mailing City,St,Zip:	MILPITAS, CA 950350000
Gen County:	Santa Clara
TSD EPA ID:	CAD099452708
TSD County:	Los Angeles
Waste Category:	Aqueous solution with less than 10% total organic residues
Disposal Method:	Not reported
Tons:	0.2293
Facility County:	Santa Clara

Click this hyperlink while viewing on your computer to access
-1 additional CA_HAZNET: record(s) in the EDR Site Report.

65
ENE
1/2-1
2740 ft.

PACIFIC MOTOR TRUCKING(SPIL ON EMPTY LOT **HAZNET** **S102803082**
526 S MAIN ST(EMPTY LOT) **N/A**
MILPITAS, CA 95035

Relative:
Lower

Actual:
22 ft.

HAZNET:

Gepaid:	CAC001034080
Contact:	PACIFIC MOTOR TRUCKING
Telephone:	0000000000
Facility Addr2:	Not reported
Mailing Name:	Not reported
Mailing Address:	650 HAMMOND WY
Mailing City,St,Zip:	MILPITAS, CA 950350000
Gen County:	Santa Clara
TSD EPA ID:	CAD000088252
TSD County:	Los Angeles
Waste Category:	Other organic solids
Disposal Method:	Transfer Station
Tons:	1.2000
Facility County:	Santa Clara

Gepaid:	CAC001034080
Contact:	PACIFIC MOTOR TRUCKING
Telephone:	0000000000
Facility Addr2:	Not reported
Mailing Name:	Not reported
Mailing Address:	650 HAMMOND WY
Mailing City,St,Zip:	MILPITAS, CA 950350000
Gen County:	Santa Clara

PACIFIC MOTOR TRUCKING(SPIL ON EMPTY LOT (Continued) **S102803082**

TSD EPA ID:	CAL000048571
TSD County:	Santa Clara
Waste Category:	Waste oil and mixed oil
Disposal Method:	Not reported
Tons:	4.0657
Facility County:	Santa Clara

66
SSW
1/2-1
2774 ft.

PRIAM CORPORATION **EMI** **S106837685**
800 TASMAN **N/A**
MILPITAS, CA 95035

Relative:
Higher

Actual:
28 ft.

EMI:

Year:	1987
Carbon Monoxide Emissions Tons/Yr:	43
Air Basin:	SF
Facility ID:	2100
Air District Name:	BA
SIC Code:	3674
Air District Name:	BAY AREA AQMD
Community Health Air Pollution Info System:	Not reported
Consolidated Emission Reporting Rule:	Not reported
Total Organic Hydrocarbon Gases Tons/Yr:	3
Reactive Organic Gases Tons/Yr:	1
Carbon Monoxide Emissions Tons/Yr:	0
NOX - Oxides of Nitrogen Tons/Yr:	0
SOX - Oxides of Sulphur Tons/Yr:	0
Particulate Matter Tons/Yr:	0
Part. Matter 10 Micrometers & Smllr Tons/Yr:	0

L67
NNW
1/2-1
2907 ft.

MC CARTHY RANCH DENTAL **HAZNET** **S103976810**
76 RANCH DR **N/A**
MILPITAS, CA 95035

Site 1 of 5 in cluster L

Relative:
Lower

Actual:
18 ft.

HAZNET:

Gepaid:	CAL000178500
Contact:	Not reported
Telephone:	0000000000
Facility Addr2:	Not reported
Mailing Name:	Not reported
Mailing Address:	76 RANCH DR BLDG C1
Mailing City,St,Zip:	MILPITAS, CA 950355103
Gen County:	Santa Clara
TSD EPA ID:	CAL000082530
TSD County:	Santa Clara
Waste Category:	Not reported
Disposal Method:	Treatment, Tank
Tons:	.0291
Facility County:	Santa Clara

Gepaid:	CAL000178500
Contact:	Not reported
Telephone:	0000000000
Facility Addr2:	Not reported

MC CARTHY RANCH DENTAL (Continued) **S103976810**

Mailing Name:	Not reported
Mailing Address:	76 RANCH DR BLDG C1
Mailing City,St,Zip:	MILPITAS, CA 950355103
Gen County:	Santa Clara
TSD EPA ID:	CAL000082530
TSD County:	Santa Clara
Waste Category:	Photochemicals/photoprocessing waste
Disposal Method:	Treatment, Tank
Tons:	.0208
Facility County:	Santa Clara

Gepaid:	CAL000178500
Contact:	Not reported
Telephone:	0000000000
Facility Addr2:	Not reported
Mailing Name:	Not reported
Mailing Address:	76 RANCH DR BLDG C1
Mailing City,St,Zip:	MILPITAS, CA 950355103
Gen County:	Santa Clara
TSD EPA ID:	CAL000082530
TSD County:	Santa Clara
Waste Category:	Unspecified organic liquid mixture
Disposal Method:	Not reported
Tons:	0.0083
Facility County:	Santa Clara

Gepaid:	CAL000178500
Contact:	Not reported
Telephone:	0000000000
Facility Addr2:	Not reported
Mailing Name:	Not reported
Mailing Address:	76 RANCH DR BLDG C1
Mailing City,St,Zip:	MILPITAS, CA 950355103
Gen County:	Santa Clara
TSD EPA ID:	CAL000175030
TSD County:	Santa Clara
Waste Category:	Not reported
Disposal Method:	Recycler
Tons:	0
Facility County:	Santa Clara

Gepaid:	CAL000178500
Contact:	Not reported
Telephone:	0000000000
Facility Addr2:	Not reported
Mailing Name:	Not reported
Mailing Address:	76 RANCH DR BLDG C1
Mailing City,St,Zip:	MILPITAS, CA 950355103
Gen County:	Santa Clara
TSD EPA ID:	CAL000175030
TSD County:	Santa Clara
Waste Category:	Not reported
Disposal Method:	Treatment, Tank
Tons:	0
Facility County:	Santa Clara

MC CARTHY RANCH DENTAL (Continued) **S103976810**

Click this hyperlink while viewing on your computer to access
13 additional CA_HAZNET: record(s) in the EDR Site Report.

M68 **CHMIRS** **S100277645**
East **351 EAST CURTIS AVENUE** **N/A**
1/2-1 **MILPITAS, CA 95035**
2924 ft.

Site 1 of 2 in cluster M

Relative:
Higher

Actual:
26 ft.

CHMIRS:

OES Incident Number:	9117075
OES notification:	Not reported
OES Date:	Not reported
OES Time:	Not reported
Incident Date:	19-MAY-91
Date Completed:	**19-MAY-91**
Property Use:	950
Agency Id Number:	43030
Agency Incident Number:	UNKNOWN
Time Notified:	1742
Time Completed:	1845
Surrounding Area:	950
Estimated Temperature:	70
Property Management:	P
Special Studies 1:	Not reported
Special Studies 2:	Not reported
Special Studies 3:	Not reported
Special Studies 4:	Not reported
Special Studies 5:	Not reported
Special Studies 6:	Not reported
More Than Two Substances Involved?:	N
Resp Agncy Personel # Of Decontaminated:	0
Responding Agency Personel # Of Injuries:	0
Responding Agency Personel # Of Fatalities:	0
Others Number Of Decontaminated:	0
Others Number Of Injuries:	0
Others Number Of Fatalities:	0
Vehicle Make/year:	Not reported
Vehicle License Number:	Not reported
Vehicle State:	Not reported
Vehicle Id Number:	Not reported
CA/DOT/PUC/ICC Number:	Not reported
Company Name:	Not reported
Reporting Officer Name/ID:	LT. PALMER C-13
Report Date:	19-MAY-91
Comments:	Y
Facility Telephone:	408 942-2388
Waterway Involved:	Not reported
Waterway:	Not reported
Spill Site:	Not reported
Cleanup By:	Not reported
Containment:	Not reported
What Happened:	Not reported
Type:	Not reported
Measure:	Not reported
Other:	Not reported
Date/Time:	Not reported
Year:	88-92

(Continued) **S100277645**

Agency:	Not reported
Incident Date:	Not reported
Admin Agency:	Not reported
Amount:	Not reported
Contained:	Not reported
Site Type:	Not reported
E Date:	06-JUL-92
Substance:	Not reported
Quantity Released:	Not reported
BBLS:	Not reported
Cups:	Not reported
CUFT:	Not reported
Gallons:	Not reported
Grams:	Not reported
Pounds:	Not reported
Liters:	Not reported
Ounces:	Not reported
Pints:	Not reported
Quarts:	Not reported
Sheen:	Not reported
Tons:	Not reported
Unknown:	Not reported
Description:	Not reported
Evacuations:	Not reported
Number of Injuries:	Not reported
Number of Fatalities:	Not reported

N69
NNE
1/2-1
2925 ft.

Relative:
Lower

Actual:
18 ft.

301 W. CALAVERAS BLVD
MILPITAS, CA

Site 1 of 4 in cluster N

CHMIRS: **CHMIRS** **S105631192** **N/A**

OES Incident Number:	27612
OES notification:	Not reported
OES Date:	4/13/1993
OES Time:	02:00:00 AM
Incident Date:	Not reported
Date Completed:	**Not reported**
Property Use:	Not reported
Agency Id Number:	Not reported
Agency Incident Number:	Not reported
Time Notified:	Not reported
Time Completed:	Not reported
Surrounding Area:	Not reported
Estimated Temperature:	Not reported
Property Management:	Not reported
Special Studies 1:	Not reported
Special Studies 2:	Not reported
Special Studies 3:	Not reported
Special Studies 4:	Not reported
Special Studies 5:	Not reported
Special Studies 6:	Not reported
More Than Two Substances Involved?:	Not reported
Resp Agncy Personel # Of Decontaminated:	Not reported
Responding Agency Personel # Of Injuries:	Not reported
Responding Agency Personel # Of Fatalities:	Not reported

(Continued) **S105631192**

Others Number Of Decontaminated:	Not reported
Others Number Of Injuries:	Not reported
Others Number Of Fatalities:	Not reported
Vehicle Make/year:	Not reported
Vehicle License Number:	Not reported
Vehicle State:	Not reported
Vehicle Id Number:	Not reported
CA/DOT/PUC/ICC Number:	Not reported
Company Name:	Not reported
Reporting Officer Name/ID:	Not reported
Report Date:	Not reported
Comments:	Not reported
Facility Telephone:	Not reported
Waterway Involved:	YES
Waterway:	Not reported
Spill Site:	Not reported
Cleanup By:	F.D.
Containment:	Not reported
What Happened:	Not reported
Type:	CHEMICAL
Measure:	Not reported
Other:	Not reported
Date/Time:	Not reported
Year:	1993
Agency:	MILPITAS F.D.
Incident Date:	1754
Admin Agency:	Not reported
Amount:	4 GAL
Contained:	NO
Site Type:	Not reported
E Date:	Not reported
Substance:	PAINT
Quantity Released:	Not reported
BBLS:	Not reported
Cups:	Not reported
CUFT:	Not reported
Gallons:	Not reported
Grams:	Not reported
Pounds:	Not reported
Liters:	Not reported
Ounces:	Not reported
Pints:	Not reported
Quarts:	Not reported
Sheen:	Not reported
Tons:	Not reported
Unknown:	Not reported
Description:	ILLEGAL DUMPING IN A DUMPSTER
Evacuations:	UNKNOWN
Number of Injuries:	UNKNOWN
Number of Fatalities:	UNKNOWN

Map ID / Direction / Distance / Distance (ft.) / Elevation	Site	Database(s)	EDR ID Number / EPA ID Number
N70 **NNE** **1/2-1** **2925 ft.** **Relative:** **Lower** **Actual:** **18 ft.**	**301 W. CALAVERAS** **301 W. CALAVERAS** **MILPITAS, CA 95035** **Site 2 of 4 in cluster N** Click this hyperlink while viewing on your computer to access additional ERNS detail in the EDR Site Report.	**ERNS**	**90167662** **N/A**
N71 **NNE** **1/2-1** **2925 ft.** **Relative:** **Lower** **Actual:** **18 ft.**	**301 CALAVERAS** **301 CALAVERAS** **MILPITAS, CA 95035** **Site 3 of 4 in cluster N** Click this hyperlink while viewing on your computer to access additional ERNS detail in the EDR Site Report.	**ERNS**	**92268640** **N/A**
N72 **NNE** **1/2-1** **2925 ft.** **Relative:** **Lower** **Actual:** **18 ft.**	**KELLY-MOORE PAINT CO** **301 W CALAVARAS BLVD** **MILPITAS, CA 95035** **Site 4 of 4 in cluster N** HAZNET: Gepaid: CAC002554552 Contact: DOUG FUMAGALLI Telephone: 4089465914 Facility Addr2: Not reported Mailing Name: Not reported Mailing Address: 301 W CALAVARAS BLVD Mailing City,St,Zip: MILPITAS, CA 950350000 Gen County: Santa Clara TSD EPA ID: Not reported TSD County: Los Angeles Waste Category: Off-specification, aged, or surplus organics Disposal Method: Transfer Station Tons: 1.20 Facility County: Not reported	**HAZNET**	**S106088306** **N/A**
L73 **NNW** **1/2-1** **2928 ft.** **Relative:** **Lower** **Actual:** **17 ft.**	**MILPITAS TERMINAL** **66 RANCH DR.** **MILPITAS, CA** **Site 2 of 5 in cluster L** AST: Owner: PG & E Total Gallons: 4000	**AST**	**A100109163** **N/A**

L74
NNW
1/2-1
2928 ft.

Relative:
Lower

Actual:
17 ft.

MILPITAS GAS TERMINAL
66 RANCH DR.
MILPITAS, CA 95035

RCRA-LQG

1000137186
CAD981373004

Site 3 of 5 in cluster L

RCRAInfo:
Owner: NOT REQUIRED
(415) 555-1212
EPA ID: CAD981373004

Contact: Not reported

Classification: Large Quantity Generator
TSDF Activities: Not reported

BIENNIAL REPORTS:
Last Biennial Reporting Year: 2003

Waste	Quantity (Lbs)	Waste	Quantity (Lbs)
D001	3294.00	D018	3294.00

Violation Status: No violations found

L75
NNW
1/2-1
2928 ft.

Relative:
Lower

Actual:
17 ft.

PG & E/MILPITAS STATION
66 RANCH DRIVE
MILPITAS, CA 95035

HAZNET

S103668409
N/A

Site 4 of 5 in cluster L

HAZNET:

Gepaid:	CAD981373004
Contact:	PACIFIC GAS & ELECTRIC CO
Telephone:	4159737095
Facility Addr2:	Not reported
Mailing Name:	Not reported
Mailing Address:	375 NORTH WIGET LANE
Mailing City,St,Zip:	WALNUT CREEK, CA 945982412
Gen County:	Santa Clara
TSD EPA ID:	CAD981424732
TSD County:	San Mateo
Waste Category:	Liquids with mercury > 20 mg/l
Disposal Method:	Not reported
Tons:	.0220
Facility County:	Santa Clara

Gepaid:	CAD981373004
Contact:	PACIFIC GAS & ELECTRIC CO
Telephone:	4159737095
Facility Addr2:	Not reported
Mailing Name:	Not reported
Mailing Address:	375 NORTH WIGET LANE
Mailing City,St,Zip:	WALNUT CREEK, CA 945982412
Gen County:	Santa Clara
TSD EPA ID:	CAD009452657
TSD County:	San Mateo
Waste Category:	Aqueous solution with less than 10% total organic residues
Disposal Method:	Disposal, Other
Tons:	10.4250
Facility County:	Santa Clara

Gepaid: CAD981373004

PG & E/MILPITAS STATION (Continued) **S103668409**

Contact:	PACIFIC GAS & ELECTRIC CO
Telephone:	4159737095
Facility Addr2:	Not reported
Mailing Name:	Not reported
Mailing Address:	375 NORTH WIGET LANE
Mailing City,St,Zip:	WALNUT CREEK, CA 945982412
Gen County:	Santa Clara
TSD EPA ID:	CAT080010101
TSD County:	San Diego
Waste Category:	Liquids with pH <UN-> 2 with metals
Disposal Method:	Treatment, Tank
Tons:	.0050
Facility County:	Santa Clara

Gepaid:	CAD981373004
Contact:	PACIFIC GAS & ELECTRIC CO
Telephone:	4159737095
Facility Addr2:	Not reported
Mailing Name:	Not reported
Mailing Address:	375 NORTH WIGET LANE
Mailing City,St,Zip:	WALNUT CREEK, CA 945982412
Gen County:	Santa Clara
TSD EPA ID:	CAT000646117
TSD County:	Kings
Waste Category:	Unspecified oil-containing waste
Disposal Method:	Disposal, Land Fill
Tons:	.0750
Facility County:	Santa Clara

Gepaid:	CAD981373004
Contact:	DAVID J GERMANN
Telephone:	9259744083
Facility Addr2:	Not reported
Mailing Name:	Not reported
Mailing Address:	375 N WIGET LN
Mailing City,St,Zip:	WALNUT CREEK, CA 945982412
Gen County:	Santa Clara
TSD EPA ID:	Not reported
TSD County:	San Mateo
Waste Category:	Unspecified solvent mixture Waste
Disposal Method:	Recycler
Tons:	0.05
Facility County:	Not reported

Click this hyperlink while viewing on your computer to access
47 additional CA_HAZNET: record(s) in the EDR Site Report.

L76 **PG&E/MILPITAS STATION** **HAZNET** **1008153106**
NNW **66 RANCH DR** **110018991377**
1/2-1 **MILPITAS, CA 95035**
2928 ft.

Site 5 of 5 in cluster L

Relative:
Lower

Actual:
17 ft.

HAZNET:

Gepaid:	CAD981373004
Contact:	DAVID J GERMANN
Telephone:	9259744083
Facility Addr2:	Not reported

PG&E/MILPITAS STATION (Continued) **1008153106**

Mailing Name: Not reported
Mailing Address: 375 N WIGET LN
Mailing City,St,Zip: WALNUT CREEK, CA 945982412
Gen County: Santa Clara
TSD EPA ID: CAT000646117
TSD County: Santa Clara
Waste Category: Other organic solids
Disposal Method: Disposal, Land Fill
Tons: 0.45
Facility County: Santa Clara

Gepaid: CAD981373004
Contact: DAVID J GERMANN
Telephone: 9259744083
Facility Addr2: Not reported
Mailing Name: Not reported
Mailing Address: 375 N WIGET LN
Mailing City,St,Zip: WALNUT CREEK, CA 945982412
Gen County: Santa Clara
TSD EPA ID: CAD044429835
TSD County: Santa Clara
Waste Category: Paint sludge
Disposal Method: Recycler
Tons: 0.01
Facility County: Santa Clara

Gepaid: CAD981373004
Contact: DAVID J GERMANN
Telephone: 9259744083
Facility Addr2: Not reported
Mailing Name: Not reported
Mailing Address: 375 N WIGET LN
Mailing City,St,Zip: WALNUT CREEK, CA 945982412
Gen County: Santa Clara
TSD EPA ID: CAD009452657
TSD County: Santa Clara
Waste Category: Hydrocarbon solvents (benzene, hexane, Stoddard, etc.)
Disposal Method: Recycler
Tons: 1.25
Facility County: Santa Clara

Gepaid: CAD981373004
Contact: DAVID J GERMANN
Telephone: 9259744083
Facility Addr2: Not reported
Mailing Name: Not reported
Mailing Address: 375 N WIGET LN
Mailing City,St,Zip: WALNUT CREEK, CA 945982412
Gen County: Santa Clara
TSD EPA ID: CAD009452657
TSD County: Santa Clara
Waste Category: Unspecified organic liquid mixture
Disposal Method: Recycler
Tons: 0.75
Facility County: Santa Clara

Gepaid: CAD981373004

PG&E/MILPITAS STATION (Continued) **1008153106**

Contact:	DAVID J GERMANN
Telephone:	9259744083
Facility Addr2:	Not reported
Mailing Name:	Not reported
Mailing Address:	375 N WIGET LN
Mailing City,St,Zip:	WALNUT CREEK, CA 945982412
Gen County:	Santa Clara
TSD EPA ID:	CAT000646117
TSD County:	Santa Clara
Waste Category:	Contaminated soil from site clean-ups
Disposal Method:	Disposal, Land Fill
Tons:	0.12
Facility County:	Santa Clara

Click this hyperlink while viewing on your computer to access
5 additional CA_HAZNET: record(s) in the EDR Site Report.

77
ESE
1/2-1
2930 ft.

Relative:
Higher

Actual:
27 ft.

US POSTAL SERVICE **HAZNET** **S107141101**
950 S ABBEL ST **N/A**
MILPITAS, CA 95035

HAZNET:

Gepaid:	CAC002564817
Contact:	RUDY OPALK
Telephone:	4087236235
Facility Addr2:	Not reported
Mailing Name:	Not reported
Mailing Address:	1750 MERIDIAN AVE
Mailing City,St,Zip:	SAN JOSE, CA 951017070
Gen County:	Santa Clara
TSD EPA ID:	CAL000161743
TSD County:	Santa Clara
Waste Category:	Waste oil and mixed oil
Disposal Method:	Recycler
Tons:	0.27
Facility County:	Santa Clara

M78
East
1/2-1
2955 ft.

Site 2 of 2 in cluster M

Relative:
Higher

Actual:
26 ft.

WESTINGHOUSE TEST SITE **RCRA-SQG** **1000413457**
342 E CURTIS AVE **CAD981994569**
MILPITAS, CA 95035

WESTINGHOUSE TEST SITE (Continued) **1000413457**

RCRAInfo:
Owner: MARIANA DEVELOPMENT
(415) 555-1212
EPA ID: CAD981994569
Contact: MARGIE MASCH
(408) 735-4400
Classification: Small Quantity Generator
TSDF Activities: Not reported

Violation Status: No violations found

O79 **HMIRS** **94080411**
ENE **620 S MAIN ST** **N/A**
1/2-1 **MILPITAS, CA**
3037 ft.

Site 1 of 6 in cluster O

Relative:
Lower

Click this hyperlink while viewing on your computer to access additional HMIRS detail in the EDR Site Report.

Actual:
23 ft.

O80 **HONDA OF MILPITAS** **HAZNET** **S105512827**
ENE **620 S MAIN ST** **N/A**
1/2-1 **MILPITAS, CA 95035**
3037 ft.

Site 2 of 6 in cluster O

Relative:
Lower

HAZNET:
Gepaid: CAL000223626
Actual: Contact: JOE ARCUCH
23 ft. Telephone: 4082636060
Facility Addr2: Not reported
Mailing Name: Not reported
Mailing Address: 620 S MAIN ST
Mailing City,St,Zip: MILPITAS, CA 950350000
Gen County: Santa Clara
TSD EPA ID: Not reported
TSD County: Santa Clara
Waste Category: Waste oil and mixed oil
Disposal Method: Recycler
Tons: 0.45
Facility County: Not reported

O81 **FEDERAL EXPRESS** **HAZNET** **S103667132**
ENE **620 S MAIN ST** **HIST LUST** **N/A**
1/2-1 **MILPITAS, CA 95035**
3037 ft.

Site 3 of 6 in cluster O

Relative:
Lower

HAZNET:
Gepaid: CAD982348450
Actual: Contact: FEDERAL EXPRESS CORPORATION
23 ft. Telephone: 0000000000
Facility Addr2: Not reported
Mailing Name: Not reported

FEDERAL EXPRESS (Continued) **S103667132**

Mailing Address:	1980 NONCONNAH BLVD
Mailing City,St,Zip:	MEMPHIS, TN 381320000
Gen County:	Santa Clara
TSD EPA ID:	CAD980887418
TSD County:	1
Waste Category:	Aqueous solution with less than 10% total organic residues
Disposal Method:	Transfer Station
Tons:	.2501
Facility County:	Santa Clara

Gepaid:	CAD982348450
Contact:	FEDERAL EXPRESS CORPORATION
Telephone:	0000000000
Facility Addr2:	Not reported
Mailing Name:	Not reported
Mailing Address:	1980 NONCONNAH BLVD
Mailing City,St,Zip:	MEMPHIS, TN 381320000
Gen County:	Santa Clara
TSD EPA ID:	CAD053044053
TSD County:	1
Waste Category:	Hydrocarbon solvents (benzene, hexane, Stoddard, etc.)
Disposal Method:	Transfer Station
Tons:	.2541
Facility County:	Santa Clara

Gepaid:	CAD982348450
Contact:	FEDERAL EXPRESS CORPORATION
Telephone:	0000000000
Facility Addr2:	Not reported
Mailing Name:	Not reported
Mailing Address:	1980 NONCONNAH BLVD
Mailing City,St,Zip:	MEMPHIS, TN 381320000
Gen County:	Santa Clara
TSD EPA ID:	CAD093459485
TSD County:	Fresno
Waste Category:	Unspecified solvent mixture Waste
Disposal Method:	Transfer Station
Tons:	.0996
Facility County:	Santa Clara

Gepaid:	CAD982348450
Contact:	FEDERAL EXPRESS CORPORATION
Telephone:	0000000000
Facility Addr2:	Not reported
Mailing Name:	Not reported
Mailing Address:	1980 NONCONNAH BLVD
Mailing City,St,Zip:	MEMPHIS, TN 381320000
Gen County:	Santa Clara
TSD EPA ID:	CAD053044053
TSD County:	1
Waste Category:	Liquids with halogenated organic compounds > 1000 mg/l
Disposal Method:	Transfer Station
Tons:	.1623
Facility County:	Santa Clara

Gepaid:	CAD982348450
Contact:	FEDERAL EXPRESS CORPORATION

FEDERAL EXPRESS (Continued) **S103667132**

Telephone:	0000000000
Facility Addr2:	Not reported
Mailing Name:	Not reported
Mailing Address:	1980 NONCONNAH BLVD
Mailing City,St,Zip:	MEMPHIS, TN 381320000
Gen County:	Santa Clara
TSD EPA ID:	CAD980887418
TSD County:	1
Waste Category:	Aqueous solution with less than 10% total organic residues
Disposal Method:	Transfer Station
Tons:	.1042
Facility County:	Santa Clara

Click this hyperlink while viewing on your computer to access 13 additional CA_HAZNET: record(s) in the EDR Site Report.

HIST LUST:

Region:	SANTA CLARA
SCVWD ID:	06S1E07Q02
Region Code:	2
Oversite Agency:	SCVWD
Date Listed:	1999-03-08 00:00:00
Closed Date:	1999-06-11 00:00:00

O82 **HMIRS** **97070379**
ENE **620 S MAIN ST** **N/A**
1/2-1 **MILPITAS, CA**
3037 ft.

Site 4 of 6 in cluster O

Relative:
Lower

Actual:
23 ft.

Click this hyperlink while viewing on your computer to access additional HMIRS detail in the EDR Site Report.

O83 **HMIRS** **92110702**
ENE **620 S. MAIN ST.** **N/A**
1/2-1 **MILPITAS, CA**
3037 ft.

Site 5 of 6 in cluster O

Relative:
Lower

Actual:
23 ft.

Click this hyperlink while viewing on your computer to access additional HMIRS detail in the EDR Site Report.

O84 **FEDERAL EXPRESS** **RCRA-SQG** **1000214108**
ENE **620 SO MAIN ST** **CAD982348450**
1/2-1 **MILPITAS, CA 95035**
3037 ft.

Site 6 of 6 in cluster O

Relative:
Lower

Actual:
23 ft.

FEDERAL EXPRESS (Continued) **1000214108**

RCRAInfo:
Owner: FREDRICK
(415) 555-1212
EPA ID: CAD982348450
Contact: ENVIRONMENTAL MANAGER
(415) 430-0244
Classification: Small Quantity Generator
TSDF Activities: Not reported
Violation Status: No violations found

85
West
1/2-1
3060 ft.

Relative:
Lower

Actual:
20 ft.

MAXTOR CORPORATION **RCRA-SQG** **1000472886**
1140 BELLEW DRIVE **HAZNET** **CAD982434714**
MILPITAS, CA 95035

RCRAInfo:
Owner: NOT REQUIRED
(415) 555-1212
EPA ID: CAD982434714
Contact: Not reported
Classification: Small Quantity Generator
TSDF Activities: Not reported
Violation Status: No violations found

HAZNET:
Gepaid: CAD982434714
Contact: PRENNIE T PASCUAL/EHS MANAGER
Telephone: 4088944793
Facility Addr2: Not reported
Mailing Name: Not reported
Mailing Address: 500 MCCARTHY BLVD
Mailing City,St,Zip: MILPITAS, CA 950357908
Gen County: Santa Clara
TSD EPA ID: Not reported
TSD County: 99
Waste Category: Not reported
Disposal Method: Recycler
Tons: 0.15
Facility County: Not reported

Gepaid: CAD982434714
Contact: PRENNIE T PASCUAL/EHS MANAGER
Telephone: 4088944793
Facility Addr2: Not reported
Mailing Name: Not reported
Mailing Address: 500 MCCARTHY BLVD
Mailing City,St,Zip: MILPITAS, CA 950357908
Gen County: Santa Clara
TSD EPA ID: Not reported
TSD County: Los Angeles
Waste Category: Off-specification, aged, or surplus inorganics
Disposal Method: Recycler
Tons: 0.12
Facility County: Not reported

MAXTOR CORPORATION (Continued) **1000472886**

Gepaid:	CAD982434714
Contact:	PRENNIE T PASCUAL/EHS MANAGER
Telephone:	4088944793
Facility Addr2:	Not reported
Mailing Name:	Not reported
Mailing Address:	500 MCCARTHY BLVD
Mailing City,St,Zip:	MILPITAS, CA 950357908
Gen County:	Santa Clara
TSD EPA ID:	Not reported
TSD County:	Los Angeles
Waste Category:	Off-specification, aged, or surplus organics
Disposal Method:	Transfer Station
Tons:	0.28
Facility County:	Not reported

Gepaid:	CAD982434714
Contact:	PRENNIE T PASCUAL/EHS MANAGER
Telephone:	4088944793
Facility Addr2:	Not reported
Mailing Name:	Not reported
Mailing Address:	500 MCCARTHY BLVD
Mailing City,St,Zip:	MILPITAS, CA 950357908
Gen County:	Santa Clara
TSD EPA ID:	Not reported
TSD County:	Los Angeles
Waste Category:	Liquids with mercury > 20 mg/l
Disposal Method:	Transfer Station
Tons:	0.00
Facility County:	Not reported

Gepaid:	CAD982434714
Contact:	PRENNIE T PASCUAL/EHS MANAGER
Telephone:	4088944793
Facility Addr2:	Not reported
Mailing Name:	Not reported
Mailing Address:	500 MCCARTHY BLVD
Mailing City,St,Zip:	MILPITAS, CA 950357908
Gen County:	Santa Clara
TSD EPA ID:	Not reported
TSD County:	Los Angeles
Waste Category:	Off-specification, aged, or surplus organics
Disposal Method:	Disposal, Other
Tons:	0.00
Facility County:	Not reported

Click this hyperlink while viewing on your computer to access
81 additional CA_HAZNET: record(s) in the EDR Site Report.

86
East
1/2-1
3066 ft.

ATLAS AUTO BODY
808 S MAIN ST
MILPITAS, CA 95035

RCRA-SQG

1000156703
CAD981639842

Relative:
Lower

Actual:
25 ft.

RCRAInfo:
Owner: LEON FUENTES
(415) 555-1212
EPA ID: CAD981639842
Contact: ENVIRONMENTAL MANAGER
(408) 262-9270
Classification: Small Quantity Generator
TSDF Activities: Not reported

Violation Status: No violations found

87
ENE
1/2-1
3077 ft.

PACIFIC BELL
563 SOUTH MAIN STREET
MILPITAS, CA 95035

RCRA-SQG

1000251569
CAT080024698

Relative:
Lower

Actual:
23 ft.

RCRAInfo:
Owner: NOT REQUIRED
(415) 555-1212
EPA ID: CAT080024698
Contact: Not reported
Classification: Small Quantity Generator
TSDF Activities: Not reported

Violation Status: No violations found

88
ENE
1/2-1
3096 ft.

PACIFIC BELL
WAYNE STATION
MILPITAS, CA 95035

RCRA-SQG

1000251570
CAT080024706

Relative:
Lower

Actual:
20 ft.

RCRAInfo:
Owner: NOT REQUIRED
(415) 555-1212
EPA ID: CAT080024706
Contact: Not reported
Classification: Small Quantity Generator
TSDF Activities: Not reported

Violation Status: No violations found

89
North
1/2-1
3116 ft.

MATRIX PHARMACEUTICAL INC
600 VALLEY WAY
MILPITAS, CA 95035

HAZNET

S102819885
N/A

Relative:
Lower

Actual:
17 ft.

HAZNET:

Gepaid:	CAL000115042
Contact:	MATRIX PHARMACEUTICAL INC
Telephone:	0000000000
Facility Addr2:	Not reported
Mailing Name:	Not reported
Mailing Address:	600 VALLEY WAY
Mailing City,St,Zip:	MILPITAS, CA 950350000
Gen County:	Santa Clara
TSD EPA ID:	CAD009452657
TSD County:	San Mateo
Waste Category:	Laboratory waste chemicals
Disposal Method:	Disposal, Other
Tons:	.0075
Facility County:	Santa Clara

Gepaid:	CAL000115042
Contact:	MATRIX PHARMACEUTICAL INC
Telephone:	0000000000
Facility Addr2:	Not reported
Mailing Name:	Not reported
Mailing Address:	600 VALLEY WAY
Mailing City,St,Zip:	MILPITAS, CA 950350000
Gen County:	Santa Clara
TSD EPA ID:	CAD009452657
TSD County:	San Mateo
Waste Category:	Laboratory waste chemicals
Disposal Method:	Recycler
Tons:	.0600
Facility County:	Santa Clara

Gepaid:	CAL000115042
Contact:	MATRIX PHARMACEUTICAL INC
Telephone:	0000000000
Facility Addr2:	Not reported
Mailing Name:	Not reported
Mailing Address:	600 VALLEY WAY
Mailing City,St,Zip:	MILPITAS, CA 950350000
Gen County:	Santa Clara
TSD EPA ID:	CAD009452657
TSD County:	San Mateo
Waste Category:	Liquids with pH <UN-> 2
Disposal Method:	Treatment, Incineration
Tons:	.0125
Facility County:	Santa Clara

Gepaid:	CAL000115042
Contact:	MATRIX PHARMACEUTICAL INC
Telephone:	0000000000
Facility Addr2:	Not reported
Mailing Name:	Not reported
Mailing Address:	600 VALLEY WAY
Mailing City,St,Zip:	MILPITAS, CA 950350000
Gen County:	Santa Clara

MATRIX PHARMACEUTICAL INC (Continued) **S102819885**

TSD EPA ID:	CAD009452657
TSD County:	San Mateo
Waste Category:	Liquids with pH <UN-> 2
Disposal Method:	Recycler
Tons:	.0075
Facility County:	Santa Clara
Gepaid:	CAL000115042
Contact:	MATRIX PHARMACEUTICAL INC
Telephone:	0000000000
Facility Addr2:	Not reported
Mailing Name:	Not reported
Mailing Address:	600 VALLEY WAY
Mailing City,St,Zip:	MILPITAS, CA 950350000
Gen County:	Santa Clara
TSD EPA ID:	CAD009452657
TSD County:	San Mateo
Waste Category:	Laboratory waste chemicals
Disposal Method:	Treatment, Incineration
Tons:	.2790
Facility County:	Santa Clara

Click this hyperlink while viewing on your computer to access
7 additional CA_HAZNET: record(s) in the EDR Site Report.

90
NW
1/2-1
3116 ft.

MCCARTHY RANCH **ENVIROSTOR** **S102564482**
MCCARTHY BLVD. / RANCH DRIVE **N/A**
MILPITAS, CA 95035

Relative:
Lower

Actual:
15 ft.

ENVIROSTOR:

Site Type:	Voluntary Cleanup
Site Type Detailed:	Voluntary Cleanup
Acres:	16.23
APN:	NONE SPECIFIED
NPL:	NO
Regulatory Agencies:	SMBRP
Lead Agency:	SMBRP
Program Manager:	VIRGINIA LASKY
Supervisor:	KAREN TOTH
Division Branch:	North Coast
Envirostor ID:	43010018
Site Code:	200910
Assembly:	20
Senate:	10
Special Program:	Voluntary Cleanup Program
Status:	**No Further Action**
Status Date:	1997-06-03 00:00:00
Past Use:	AGRICULTURAL - ORCHARD, AGRICULTURAL - ROW CROPS
Potential COC:	30006, 30007, 30008
Confirmed COC:	30006,30007,30008
Potential Meda Affected:	SOIL
Restricted Use:	NO
Site Mgmt. Req.:	NONE SPECIFIED
Funding:	Responsible Party
Latitude:	37.4270833333333
Longitude:	-121.925

MCCARTHY RANCH (Continued) **S102564482**

CA ENVIROSTOR ALIAS:
Alias Type: Calsites ID Number
Alias Project Name: 43010018

Alias Type: Alternate Name
Alias Project Name: MCCARTHY RANCH

Alias Type: Project Code (Site Code)
Alias Project Name: 200910

Alias Type: Alternate Name
Alias Project Name: MC CARTHY RANCH

CA ENVIROSTOR COMPLETE:
Area Name: PROJECT WIDE
Sub Area Name: Not reported
Document Type: Preliminary Endangerment Assessment Report
Completed Date: / /
Comments: Completed PEA. A site assessment has been conducted at the site which detected pesticides in soil. The primary pesticide contaminants detected in soil are the following: DDD, DDE and DDT. Based on an Assessment Report dated 7/3/1996, the concentratio

Area Name: PROJECT WIDE
Sub Area Name: Not reported
Document Type: Voluntary Clean-up Agreement
Completed Date: / /
Comments: Signed VCA.

CA ENVIROSTOR FUTURE:
Area Name: Not reported
Sub Area Name: Not reported
Document Type: Not reported
Due Date: Not reported

CA ENVIROSTOR SCHEDULE:
Area Name: Not reported
Sub Area Name: Not reported
Document Type: Not reported
Due Date: Not reported
Revised Date: Not reported

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91 **#1 WHITTIER ST** **ERNS 8713505**
North **#1 WHITTIER ST** **N/A**
1/2-1 **MILPITAS, CA**
3124 ft.

Relative:
Lower

Actual:
17 ft.

Click this hyperlink while viewing on your computer to access additional ERNS detail in the EDR Site Report.

P92 **PACIFIC UTILITY CONSTITUENTS** **HAZNET** **S103980770**
NNE **200 SIERRA WAY** **N/A**
1/2-1 **MILPITAS, CA 95035**
3156 ft.

Site 1 of 3 in cluster P

Relative:
Lower

Actual:
18 ft.

HAZNET:

Gepaid:	CAC001206336
Contact:	CORPORATION
Telephone:	4155948455
Facility Addr2:	Not reported
Mailing Name:	Not reported
Mailing Address:	282 HARBOR BLVD.
Mailing City,St,Zip:	BELMONT, CA 940020000
Gen County:	Santa Clara
TSD EPA ID:	NYD986980233
TSD County:	99
Waste Category:	Not reported
Disposal Method:	Treatment, Incineration
Tons:	.0000
Facility County:	Santa Clara

Gepaid:	CAC001206336
Contact:	CORPORATION
Telephone:	4155948455
Facility Addr2:	Not reported
Mailing Name:	Not reported
Mailing Address:	282 HARBOR BLVD.
Mailing City,St,Zip:	BELMONT, CA 940020000
Gen County:	Santa Clara
TSD EPA ID:	NYD986980233
TSD County:	99
Waste Category:	Polychlorinated biphenyls and material containing PCB's
Disposal Method:	Recycler
Tons:	1.6530
Facility County:	Santa Clara

P93 **USA PETROLEUM #102** **CHMIRS** **S100698229**
NNE **200 SERRA WY** **HIST LUST** **N/A**
1/2-1 **MILPITAS, CA 95035**
3156 ft.

Site 2 of 3 in cluster P

Relative:
Lower

Actual:
18 ft.

CHMIRS:

OES Incident Number:	9990599
OES notification:	Not reported
OES Date:	Not reported
OES Time:	Not reported
Incident Date:	14-MAY-88
Date Completed:	**14-MAY-88**
Property Use:	963
Agency Id Number:	43030
Agency Incident Number:	88-9963F
Time Notified:	1945
Time Completed:	2025
Surrounding Area:	500
Estimated Temperature:	70
Property Management:	P
Special Studies 1:	Not reported
Special Studies 2:	Not reported

USA PETROLEUM #102 (Continued) **S100698229**

Special Studies 3:	Not reported
Special Studies 4:	Not reported
Special Studies 5:	Not reported
Special Studies 6:	Not reported
More Than Two Substances Involved?:	N
Resp Agncy Personel # Of Decontaminated:	Not reported
Responding Agency Personel # Of Injuries:	Not reported
Responding Agency Personel # Of Fatalities:	Not reported
Others Number Of Decontaminated:	Not reported
Others Number Of Injuries:	Not reported
Others Number Of Fatalities:	Not reported
Vehicle Make/year:	Not reported
Vehicle License Number:	Not reported
Vehicle State:	Not reported
Vehicle Id Number:	Not reported
CA/DOT/PUC/ICC Number:	Not reported
Company Name:	Not reported
Reporting Officer Name/ID:	JIM PALMER / C14
Report Date:	03-OCT-88
Comments:	N
Facility Telephone:	408 945-5785
Waterway Involved:	Not reported
Waterway:	Not reported
Spill Site:	Not reported
Cleanup By:	Not reported
Containment:	Not reported
What Happened:	Not reported
Type:	Not reported
Measure:	Not reported
Other:	Not reported
Date/Time:	Not reported
Year:	88-92
Agency:	Not reported
Incident Date:	Not reported
Admin Agency:	Not reported
Amount:	Not reported
Contained:	Not reported
Site Type:	Not reported
E Date:	16-MAR-89
Substance:	Not reported
Quantity Released:	Not reported
BBLS:	Not reported
Cups:	Not reported
CUFT:	Not reported
Gallons:	Not reported
Grams:	Not reported
Pounds:	Not reported
Liters:	Not reported
Ounces:	Not reported
Pints:	Not reported
Quarts:	Not reported
Sheen:	Not reported
Tons:	Not reported
Unknown:	Not reported
Description:	Not reported
Evacuations:	Not reported
Number of Injuries:	Not reported

USA PETROLEUM #102 (Continued) **S100698229**

Number of Fatalities:	Not reported
OES Incident Number:	9990611
OES notification:	Not reported
OES Date:	Not reported
OES Time:	Not reported
Incident Date:	22-FEB-88
Date Completed:	**22-FEB-88**
Property Use:	500
Agency Id Number:	43030
Agency Incident Number:	88-3839F
Time Notified:	929
Time Completed:	932
Surrounding Area:	936
Estimated Temperature:	60
Property Management:	P
Special Studies 1:	Not reported
Special Studies 2:	Not reported
Special Studies 3:	Not reported
Special Studies 4:	Not reported
Special Studies 5:	Not reported
Special Studies 6:	Not reported
More Than Two Substances Involved?:	N
Resp Agncy Personel # Of Decontaminated:	Not reported
Responding Agency Personel # Of Injuries:	Not reported
Responding Agency Personel # Of Fatalities:	Not reported
Others Number Of Decontaminated:	Not reported
Others Number Of Injuries:	Not reported
Others Number Of Fatalities:	Not reported
Vehicle Make/year:	Not reported
Vehicle License Number:	Not reported
Vehicle State:	Not reported
Vehicle Id Number:	Not reported
CA/DOT/PUC/ICC Number:	Not reported
Company Name:	Not reported
Reporting Officer Name/ID:	BROWN / 19C12
Report Date:	22-FEB-88
Comments:	N
Facility Telephone:	408 945-5785
Waterway Involved:	Not reported
Waterway:	Not reported
Spill Site:	Not reported
Cleanup By:	Not reported
Containment:	Not reported
What Happened:	Not reported
Type:	Not reported
Measure:	Not reported
Other:	Not reported
Date/Time:	Not reported
Year:	88-92
Agency:	Not reported
Incident Date:	Not reported
Admin Agency:	Not reported
Amount:	Not reported
Contained:	Not reported
Site Type:	Not reported
E Date:	16-MAR-89

USA PETROLEUM #102 (Continued) **S100698229**

Substance:	Not reported
Quantity Released:	Not reported
BBLS:	Not reported
Cups:	Not reported
CUFT:	Not reported
Gallons:	Not reported
Grams:	Not reported
Pounds:	Not reported
Liters:	Not reported
Ounces:	Not reported
Pints:	Not reported
Quarts:	Not reported
Sheen:	Not reported
Tons:	Not reported
Unknown:	Not reported
Description:	Not reported
Evacuations:	Not reported
Number of Injuries:	Not reported
Number of Fatalities:	Not reported
OES Incident Number:	9116411
OES notification:	Not reported
OES Date:	Not reported
OES Time:	Not reported
Incident Date:	09-APR-91
Date Completed:	**09-APR-91**
Property Use:	500
Agency Id Number:	43030
Agency Incident Number:	91-7439F
Time Notified:	1548
Time Completed:	1620
Surrounding Area:	962
Estimated Temperature:	65
Property Management:	P
Special Studies 1:	Not reported
Special Studies 2:	Not reported
Special Studies 3:	Not reported
Special Studies 4:	Not reported
Special Studies 5:	Not reported
Special Studies 6:	Not reported
More Than Two Substances Involved?:	N
Resp Agncy Personel # Of Decontaminated:	0
Responding Agency Personel # Of Injuries:	0
Responding Agency Personel # Of Fatalities:	0
Others Number Of Decontaminated:	0
Others Number Of Injuries:	0
Others Number Of Fatalities:	0
Vehicle Make/year:	Not reported
Vehicle License Number:	Not reported
Vehicle State:	Not reported
Vehicle Id Number:	Not reported
CA/DOT/PUC/ICC Number:	Not reported
Company Name:	Not reported
Reporting Officer Name/ID:	CAPT. MICHAEL LOPEZ C12
Report Date:	09-APR-91
Comments:	Y
Facility Telephone:	408 942-2388

USA PETROLEUM #102 (Continued) **S100698229**

Waterway Involved:	Not reported
Waterway:	Not reported
Spill Site:	Not reported
Cleanup By:	Not reported
Containment:	Not reported
What Happened:	Not reported
Type:	Not reported
Measure:	Not reported
Other:	Not reported
Date/Time:	Not reported
Year:	88-92
Agency:	Not reported
Incident Date:	Not reported
Admin Agency:	Not reported
Amount:	Not reported
Contained:	Not reported
Site Type:	Not reported
E Date:	22-JUN-92
Substance:	Not reported
Quantity Released:	Not reported
BBLS:	Not reported
Cups:	Not reported
CUFT:	Not reported
Gallons:	Not reported
Grams:	Not reported
Pounds:	Not reported
Liters:	Not reported
Ounces:	Not reported
Pints:	Not reported
Quarts:	Not reported
Sheen:	Not reported
Tons:	Not reported
Unknown:	Not reported
Description:	Not reported
Evacuations:	Not reported
Number of Injuries:	Not reported
Number of Fatalities:	Not reported

HIST LUST:

Region:	SANTA CLARA
SCVWD ID:	06S1E07F03
Region Code:	2
Oversite Agency:	SFRWQCB
Date Listed:	1985-01-01 00:00:00
Closed Date:	Not reported

Q94 **CC GRAPHICS INC** **HAZNET** **S104581434**
ENE **440 S MAIN ST** **N/A**
1/2-1 **MILPITAS, CA 93035**
3187 ft.

Site 1 of 5 in cluster Q

Relative:
Lower

Actual:
21 ft.

HAZNET:

Gepaid:	CAL000187857
Contact:	C C GRAPHICS
Telephone:	4082625000
Facility Addr2:	Not reported

CC GRAPHICS INC (Continued) **S104581434**

Mailing Name:	Not reported
Mailing Address:	440 S MAIN ST
Mailing City,St,Zip:	MILPITAS, CA 930350000
Gen County:	Santa Clara
TSD EPA ID:	CA0000084517
TSD County:	Sacramento
Waste Category:	Photochemicals/photoprocessing waste
Disposal Method:	Not reported
Tons:	.0625
Facility County:	Santa Clara

Gepaid:	CAL000187857
Contact:	C C GRAPHICS
Telephone:	4082625000
Facility Addr2:	Not reported
Mailing Name:	Not reported
Mailing Address:	440 S MAIN ST
Mailing City,St,Zip:	MILPITAS, CA 930350000
Gen County:	Santa Clara
TSD EPA ID:	CA0000084517
TSD County:	Sacramento
Waste Category:	Photochemicals/photoprocessing waste
Disposal Method:	Transfer Station
Tons:	.1250
Facility County:	Santa Clara

Gepaid:	CAL000187857
Contact:	C C GRAPHICS
Telephone:	4082625000
Facility Addr2:	Not reported
Mailing Name:	Not reported
Mailing Address:	440 S MAIN ST
Mailing City,St,Zip:	MILPITAS, CA 930350000
Gen County:	Santa Clara
TSD EPA ID:	CA0000084517
TSD County:	Sacramento
Waste Category:	Photochemicals/photoprocessing waste
Disposal Method:	Transfer Station
Tons:	0.125
Facility County:	Santa Clara

Gepaid:	CAL000187857
Contact:	C C GRAPHICS
Telephone:	4082625000
Facility Addr2:	Not reported
Mailing Name:	Not reported
Mailing Address:	440 S MAIN ST
Mailing City,St,Zip:	MILPITAS, CA 930350000
Gen County:	Santa Clara
TSD EPA ID:	CAD053044053
TSD County:	1
Waste Category:	Liquids with halogenated organic compounds > 1000 mg/l
Disposal Method:	Transfer Station
Tons:	.0417
Facility County:	Santa Clara

Gepaid:	CAL000187857

CC GRAPHICS INC (Continued) **S104581434**

Contact:	C C GRAPHICS
Telephone:	4082625000
Facility Addr2:	Not reported
Mailing Name:	Not reported
Mailing Address:	440 S MAIN ST
Mailing City,St,Zip:	MILPITAS, CA 930350000
Gen County:	Santa Clara
TSD EPA ID:	CA0000084517
TSD County:	Sacramento
Waste Category:	Photochemicals/photoprocessing waste
Disposal Method:	Transfer Station
Tons:	.1251
Facility County:	Santa Clara

Click this hyperlink while viewing on your computer to access
2 additional CA_HAZNET: record(s) in the EDR Site Report.

Q95 **AREVALO MARCOS DENTAL CARE INC** **HAZNET** **S103950862**
ENE **414 SO MAIN STREET** **N/A**
1/2-1 **MILPITAS, CA 95035**
3222 ft.

Site 2 of 5 in cluster Q

Relative:
Lower

Actual:
20 ft.

HAZNET:

Gepaid:	CAL000123955
Contact:	RICARDO & ALICIA MARCOS
Telephone:	0000000000
Facility Addr2:	Not reported
Mailing Name:	Not reported
Mailing Address:	414 S MAIN ST
Mailing City,St,Zip:	MILPITAS, CA 950350000
Gen County:	Santa Clara
TSD EPA ID:	CA0000084517
TSD County:	Sacramento
Waste Category:	Photochemicals/photoprocessing waste
Disposal Method:	Transfer Station
Tons:	.0416
Facility County:	Santa Clara

Gepaid:	CAL000123955
Contact:	RICARDO & ALICIA MARCOS
Telephone:	0000000000
Facility Addr2:	Not reported
Mailing Name:	Not reported
Mailing Address:	414 S MAIN ST
Mailing City,St,Zip:	MILPITAS, CA 950350000
Gen County:	Santa Clara
TSD EPA ID:	CAL000121946
TSD County:	Marin
Waste Category:	Photochemicals/photoprocessing waste
Disposal Method:	Recycler
Tons:	.0750
Facility County:	Santa Clara

Gepaid:	CAL000123955
Contact:	RICARDO A. MARCOS
Telephone:	4089340693
Facility Addr2:	Not reported

AREVALO MARCOS DENTAL CARE INC (Continued) **S103950862**

Mailing Name:	Not reported
Mailing Address:	414 S MAIN ST
Mailing City,St,Zip:	MILPITAS, CA 950350000
Gen County:	Santa Clara
TSD EPA ID:	Not reported
TSD County:	Los Angeles
Waste Category:	Aqueous solution with 10% or more total organic residues
Disposal Method:	Recycler
Tons:	0.06
Facility County:	Not reported

Gepaid:	CAL000123955
Contact:	RICARDO A. MARCOS
Telephone:	4089340693
Facility Addr2:	Not reported
Mailing Name:	Not reported
Mailing Address:	414 S MAIN ST
Mailing City,St,Zip:	MILPITAS, CA 950350000
Gen County:	Santa Clara
TSD EPA ID:	Not reported
TSD County:	Marin
Waste Category:	Photochemicals/photoprocessing waste
Disposal Method:	Recycler
Tons:	0.12
Facility County:	Not reported

Gepaid:	CAL000123955
Contact:	RICARDO & ALICIA MARCOS
Telephone:	0000000000
Facility Addr2:	Not reported
Mailing Name:	Not reported
Mailing Address:	414 S MAIN ST
Mailing City,St,Zip:	MILPITAS, CA 950350000
Gen County:	Santa Clara
TSD EPA ID:	CAD044429835
TSD County:	Los Angeles
Waste Category:	Aqueous solution with 10% or more total organic residues
Disposal Method:	Disposal, Other
Tons:	0.0208
Facility County:	Santa Clara

Click this hyperlink while viewing on your computer to access
11 additional CA_HAZNET: record(s) in the EDR Site Report.

Q96
ENE
1/2-1
3223 ft.

Relative:
Lower

Actual:
20 ft.

WINSTON TIRE #107
400 S MAIN ST
MILPITAS, CA 95035

HAZNET **S103996148**
N/A

Site 3 of 5 in cluster Q

HAZNET:

Gepaid:	CAL000014953
Contact:	BONNIE BIXBY
Telephone:	8188437311
Facility Addr2:	Not reported
Mailing Name:	Not reported
Mailing Address:	900 W ALAMEDA AVE
Mailing City,St,Zip:	MILPITAS, CA 950355319

WINSTON TIRE #107 (Continued) **S103996148**

Gen County:	Santa Clara
TSD EPA ID:	Not reported
TSD County:	Sacramento
Waste Category:	Aqueous solution with less than 10% total organic residues
Disposal Method:	Transfer Station
Tons:	0.17
Facility County:	Not reported
Gepaid:	CAL000014953
Contact:	OLIVER & WINSTON
Telephone:	8188437311
Facility Addr2:	Not reported
Mailing Name:	Not reported
Mailing Address:	900 W ALAMEDA AVE
Mailing City,St,Zip:	MILPITAS, CA 950355319
Gen County:	Santa Clara
TSD EPA ID:	CAD093459485
TSD County:	Fresno
Waste Category:	Unspecified solvent mixture Waste
Disposal Method:	Transfer Station
Tons:	.0166
Facility County:	Santa Clara

Q97 **WINSTON TIRE COMPANY #107** **HAZNET** **S100948548**
ENE **400 S MAIN ST** **N/A**
1/2-1 **MILPITAS, CA 95035**
3223 ft.

Site 4 of 5 in cluster Q

Relative:
Lower

Actual:
20 ft.

HAZNET:

Gepaid:	CAL000023192
Contact:	OLIVER & WINSTON
Telephone:	8189721200
Facility Addr2:	Not reported
Mailing Name:	Not reported
Mailing Address:	900 W ALAMEDA AVE
Mailing City,St,Zip:	BURBANK, CA 915062802
Gen County:	Santa Clara
TSD EPA ID:	CAD981696420
TSD County:	Los Angeles
Waste Category:	Aqueous solution with less than 10% total organic residues
Disposal Method:	Transfer Station
Tons:	.2293
Facility County:	Santa Clara
Gepaid:	CAL000023192
Contact:	OLIVER & WINSTON
Telephone:	8189721200
Facility Addr2:	Not reported
Mailing Name:	Not reported
Mailing Address:	900 W ALAMEDA AVE
Mailing City,St,Zip:	BURBANK, CA 915062802
Gen County:	Santa Clara
TSD EPA ID:	CAD093459485
TSD County:	Fresno
Waste Category:	Hydrocarbon solvents (benzene, hexane, Stoddard, etc.)
Disposal Method:	Transfer Station
Tons:	.0750

WINSTON TIRE COMPANY #107 (Continued) **S100948548**

Facility County:	Santa Clara
Gepaid:	CAL000023192
Contact:	LUPE ROSALES-DIR
Telephone:	8189721200
Facility Addr2:	Not reported
Mailing Name:	Not reported
Mailing Address:	900 W ALAMEDA AVE
Mailing City,St,Zip:	BURBANK, CA 915062802
Gen County:	Santa Clara
TSD EPA ID:	Not reported
TSD County:	Los Angeles
Waste Category:	Unspecified organic liquid mixture
Disposal Method:	Recycler
Tons:	0.35
Facility County:	Not reported
Gepaid:	CAL000023192
Contact:	LUPE ROSALES-DIR
Telephone:	8189721200
Facility Addr2:	Not reported
Mailing Name:	Not reported
Mailing Address:	900 W ALAMEDA AVE
Mailing City,St,Zip:	BURBANK, CA 915062802
Gen County:	Santa Clara
TSD EPA ID:	Not reported
TSD County:	Los Angeles
Waste Category:	Other organic solids
Disposal Method:	Recycler
Tons:	1.00
Facility County:	Not reported
Gepaid:	CAL000023192
Contact:	OLIVER & WINSTON
Telephone:	8189721200
Facility Addr2:	Not reported
Mailing Name:	Not reported
Mailing Address:	900 W ALAMEDA AVE
Mailing City,St,Zip:	BURBANK, CA 915062802
Gen County:	Santa Clara
TSD EPA ID:	CAL000161743
TSD County:	Santa Clara
Waste Category:	Aqueous solution with 10% or more total organic residues
Disposal Method:	Transfer Station
Tons:	0.1668
Facility County:	Santa Clara

Click this hyperlink while viewing on your computer to access
11 additional CA_HAZNET: record(s) in the EDR Site Report.

Q98
ENE
1/2-1
3228 ft.

SCOTT CHIROPRACTIC CENTER
410 SOUTH MAIN STREET
MILPITAS, CA 95035

HAZNET

S103987132
N/A

Site 5 of 5 in cluster Q

Relative:
Lower

Actual:
20 ft.

HAZNET:

Gepaid:	CAL000124531
Contact:	DIANNA SCOTT CHIRO CORP.
Telephone:	0000000000
Facility Addr2:	Not reported
Mailing Name:	Not reported
Mailing Address:	410 S MAIN ST
Mailing City,St,Zip:	MILPITAS, CA 950355319
Gen County:	Santa Clara
TSD EPA ID:	CAL922955228
TSD County:	0
Waste Category:	Photochemicals/photoprocessing waste
Disposal Method:	Recycler
Tons:	.0625
Facility County:	Santa Clara

Gepaid:	CAL000124531
Contact:	DIANNA SCOTT CHIRO CORP.
Telephone:	0000000000
Facility Addr2:	Not reported
Mailing Name:	Not reported
Mailing Address:	410 S MAIN ST
Mailing City,St,Zip:	MILPITAS, CA 950355319
Gen County:	Santa Clara
TSD EPA ID:	CAL922955281
TSD County:	Santa Clara
Waste Category:	Photochemicals/photoprocessing waste
Disposal Method:	Recycler
Tons:	.1208
Facility County:	Santa Clara

Gepaid:	CAL000124531
Contact:	DIANNA SCOTT CHIRO CORP.
Telephone:	0000000000
Facility Addr2:	Not reported
Mailing Name:	Not reported
Mailing Address:	410 S MAIN ST
Mailing City,St,Zip:	MILPITAS, CA 950355319
Gen County:	Santa Clara
TSD EPA ID:	CAL922955228
TSD County:	0
Waste Category:	Photochemicals/photoprocessing waste
Disposal Method:	Recycler
Tons:	0.0417
Facility County:	Santa Clara

Gepaid:	CAL000124531
Contact:	DIANNA SCOTT CHIRO CORP.
Telephone:	0000000000
Facility Addr2:	Not reported
Mailing Name:	Not reported
Mailing Address:	410 S MAIN ST
Mailing City,St,Zip:	MILPITAS, CA 950355319

SCOTT CHIROPRACTIC CENTER (Continued) **S103987132**

Gen County: Santa Clara
TSD EPA ID: CAL922955281
TSD County: Santa Clara
Waste Category: Photochemicals/photoprocessing waste
Disposal Method: Recycler
Tons: .1501
Facility County: Santa Clara

Gepaid: CAL000124531
Contact: DIANNA SCOTT CHIRO CORP.
Telephone: 0000000000
Facility Addr2: Not reported
Mailing Name: Not reported
Mailing Address: 410 S MAIN ST
Mailing City,St,Zip: MILPITAS, CA 950355319
Gen County: Santa Clara
TSD EPA ID: CAL922955281
TSD County: Santa Clara
Waste Category: Photochemicals/photoprocessing waste
Disposal Method: Recycler
Tons: .1334
Facility County: Santa Clara

Click this hyperlink while viewing on your computer to access
1 additional CA_HAZNET: record(s) in the EDR Site Report.

99
ENE
1/2-1
3246 ft.

HALILI DENTAL OFFICE
396 S MAIN ST
MILPITAS, CA 95035

HAZNET **S102823067**
N/A

Relative:
Lower

Actual:
19 ft.

HAZNET:
Gepaid: CAL000135458
Contact: DR HALILI
Telephone: 0000000000
Facility Addr2: Not reported
Mailing Name: Not reported
Mailing Address: 396 S MAIN ST
Mailing City,St,Zip: MILPITAS, CA 950350000
Gen County: Santa Clara
TSD EPA ID: CAL000082530
TSD County: Santa Clara
Waste Category: Photochemicals/photoprocessing waste
Disposal Method: Treatment, Tank
Tons: .0957
Facility County: Santa Clara

Gepaid: CAL000135458
Contact: DR HALILI
Telephone: 0000000000
Facility Addr2: Not reported
Mailing Name: Not reported
Mailing Address: 396 S MAIN ST
Mailing City,St,Zip: MILPITAS, CA 950350000
Gen County: Santa Clara
TSD EPA ID: CAL000082530
TSD County: Santa Clara
Waste Category: Not reported

HALILI DENTAL OFFICE (Continued) **S102823067**

Disposal Method:	Treatment, Tank
Tons:	.0000
Facility County:	Santa Clara
Gepaid:	CAL000135458
Contact:	DR HALILI
Telephone:	0000000000
Facility Addr2:	Not reported
Mailing Name:	Not reported
Mailing Address:	396 S MAIN ST
Mailing City,St,Zip:	MILPITAS, CA 950350000
Gen County:	Santa Clara
TSD EPA ID:	CAL000082530
TSD County:	Santa Clara
Waste Category:	Unspecified organic liquid mixture
Disposal Method:	Treatment, Tank
Tons:	.0082
Facility County:	Santa Clara
Gepaid:	CAL000135458
Contact:	DR HALILI
Telephone:	0000000000
Facility Addr2:	Not reported
Mailing Name:	Not reported
Mailing Address:	396 S MAIN ST
Mailing City,St,Zip:	MILPITAS, CA 950350000
Gen County:	Santa Clara
TSD EPA ID:	CAL000082530
TSD County:	Santa Clara
Waste Category:	Photochemicals/photoprocessing waste
Disposal Method:	Treatment, Tank
Tons:	.0624
Facility County:	Santa Clara
Gepaid:	CAL000135458
Contact:	DR HALILI
Telephone:	0000000000
Facility Addr2:	Not reported
Mailing Name:	Not reported
Mailing Address:	396 S MAIN ST
Mailing City,St,Zip:	MILPITAS, CA 950350000
Gen County:	Santa Clara
TSD EPA ID:	CAL000082530
TSD County:	Santa Clara
Waste Category:	Unspecified organic liquid mixture
Disposal Method:	Not reported
Tons:	.0000
Facility County:	Santa Clara

Click this hyperlink while viewing on your computer to access
17 additional CA_HAZNET: record(s) in the EDR Site Report.

P100
NE
1/2-1
3269 ft.

NGUYEN AND MA DENTAL CORP
61 SERRA WAY STE 212
MILPITAS, CA 95035

HAZNET

S104581854
N/A

Site 3 of 3 in cluster P

Relative:
Lower

Actual:
18 ft.

HAZNET:

Gepaid:	CAL000190499
Contact:	NGUYEN AND MA DENTAL CORP
Telephone:	0000000000
Facility Addr2:	Not reported
Mailing Name:	Not reported
Mailing Address:	61 SERRA WAY STE 212
Mailing City,St,Zip:	MILPITAS, CA 950350000
Gen County:	Santa Clara
TSD EPA ID:	CAL000175030
TSD County:	Santa Clara
Waste Category:	Not reported
Disposal Method:	Recycler
Tons:	0
Facility County:	Santa Clara

Gepaid:	CAL000190499
Contact:	NGUYEN AND MA DENTAL CORP
Telephone:	0000000000
Facility Addr2:	Not reported
Mailing Name:	Not reported
Mailing Address:	61 SERRA WAY STE 212
Mailing City,St,Zip:	MILPITAS, CA 950350000
Gen County:	Santa Clara
TSD EPA ID:	CAL000175030
TSD County:	Santa Clara
Waste Category:	Not reported
Disposal Method:	Treatment, Tank
Tons:	0
Facility County:	Santa Clara

Gepaid:	CAL000190499
Contact:	NGUYEN AND MA DENTAL CORP
Telephone:	0000000000
Facility Addr2:	Not reported
Mailing Name:	Not reported
Mailing Address:	61 SERRA WAY STE 212
Mailing City,St,Zip:	MILPITAS, CA 950350000
Gen County:	Santa Clara
TSD EPA ID:	CAL000175030
TSD County:	Santa Clara
Waste Category:	Unspecified organic liquid mixture
Disposal Method:	Treatment, Tank
Tons:	0.0083
Facility County:	Santa Clara

101
SSE
1/2-1
3329 ft.

CALMA/DIVISION OF PRIME COMPUTER INC
475 SYCAMORE DR
MILPITAS, CA 95035

RCRA-SQG **1000294811** **CAD981650914**

Relative: Higher

Actual: 31 ft.

RCRAInfo:
Owner: WILLIAM MOROLLO AND ASSOC
(415) 555-1212
EPA ID: CAD981650914
Contact: ENVIRONMENTAL MANAGER
(408) 943-5490
Classification: Small Quantity Generator
TSDF Activities: Not reported

Violation Status: No violations found

R102
NE
1/2-1
3332 ft.

ABEL PLAZA FAMILY DENTAL
110 SOUTH ABEL ST
MILPITAS, CA 95035

HAZNET **S103948498** **N/A**

Site 1 of 3 in cluster R

Relative: Lower

Actual: 18 ft.

HAZNET:

Gepaid:	CAL000127798
Contact:	LINH NGUYEN
Telephone:	0000000000
Facility Addr2:	Not reported
Mailing Name:	Not reported
Mailing Address:	110 S ABEL ST
Mailing City,St,Zip:	MILPITAS, CA 950350000
Gen County:	Santa Clara
TSD EPA ID:	CA0000084517
TSD County:	Sacramento
Waste Category:	Photochemicals/photoprocessing waste
Disposal Method:	Transfer Station
Tons:	.0417
Facility County:	Santa Clara

Gepaid:	CAL000127798
Contact:	LINH NGUYEN/OWNER
Telephone:	--
Facility Addr2:	Not reported
Mailing Name:	Not reported
Mailing Address:	110 S ABEL ST
Mailing City,St,Zip:	MILPITAS, CA 950350000
Gen County:	Santa Clara
TSD EPA ID:	Not reported
TSD County:	Sacramento
Waste Category:	Photochemicals/photoprocessing waste
Disposal Method:	Transfer Station
Tons:	0.06
Facility County:	Not reported

Gepaid:	CAL000127798
Contact:	LINH NGUYEN
Telephone:	0000000000
Facility Addr2:	Not reported
Mailing Name:	Not reported
Mailing Address:	110 S ABEL ST

ABEL PLAZA FAMILY DENTAL (Continued) **S103948498**

Mailing City,St,Zip:	MILPITAS, CA 950350000
Gen County:	Santa Clara
TSD EPA ID:	CA0000084517
TSD County:	Sacramento
Waste Category:	Photochemicals/photoprocessing waste
Disposal Method:	Transfer Station
Tons:	.0833
Facility County:	Santa Clara

Gepaid:	CAL000127798
Contact:	LINH NGUYEN
Telephone:	0000000000
Facility Addr2:	Not reported
Mailing Name:	Not reported
Mailing Address:	110 S ABEL ST
Mailing City,St,Zip:	MILPITAS, CA 950350000
Gen County:	Santa Clara
TSD EPA ID:	CA0000084517
TSD County:	Sacramento
Waste Category:	Photochemicals/photoprocessing waste
Disposal Method:	Transfer Station
Tons:	.0416
Facility County:	Santa Clara

Gepaid:	CAL000127798
Contact:	LINH NGUYEN/OWNER
Telephone:	--
Facility Addr2:	Not reported
Mailing Name:	Not reported
Mailing Address:	110 S ABEL ST
Mailing City,St,Zip:	MILPITAS, CA 950350000
Gen County:	Santa Clara
TSD EPA ID:	Not reported
TSD County:	Sacramento
Waste Category:	Photochemicals/photoprocessing waste
Disposal Method:	Transfer Station
Tons:	0.08
Facility County:	Not reported

Click this hyperlink while viewing on your computer to access additional CA_HAZNET: detail in the EDR Site Report.

R103
NE
1/2-1
3332 ft.

Relative:
Lower

Actual:
18 ft.

SOUTH ABEL/SERRA
MILPITAS, CA 95035

Site 2 of 3 in cluster R

CHMIRS **S100219453**
N/A

CHMIRS:

OES Incident Number:	9009830
OES notification:	Not reported
OES Date:	Not reported
OES Time:	Not reported
Incident Date:	23-JAN-90
Date Completed:	**23-JAN-90**
Property Use:	962
Agency Id Number:	43030
Agency Incident Number:	90-1491F

(Continued) **S100219453**

Time Notified:	803
Time Completed:	828
Surrounding Area:	500
Estimated Temperature:	62
Property Management:	C
Special Studies 1:	Not reported
Special Studies 2:	Not reported
Special Studies 3:	Not reported
Special Studies 4:	Not reported
Special Studies 5:	Not reported
Special Studies 6:	Not reported
More Than Two Substances Involved?:	N
Resp Agncy Personel # Of Decontaminated:	0
Responding Agency Personel # Of Injuries:	0
Responding Agency Personel # Of Fatalities:	0
Others Number Of Decontaminated:	0
Others Number Of Injuries:	0
Others Number Of Fatalities:	0
Vehicle Make/year:	TOYOTA 1977
Vehicle License Number:	16EX432
Vehicle State:	CA
Vehicle Id Number:	Not reported
CA/DOT/PUC/ICC Number:	Not reported
Company Name:	Not reported
Reporting Officer Name/ID:	LT. MICHAEL LOPEZ C-16
Report Date:	23-JAN-90
Comments:	N
Facility Telephone:	408 942-2388
Waterway Involved:	Not reported
Waterway:	Not reported
Spill Site:	Not reported
Cleanup By:	Not reported
Containment:	Not reported
What Happened:	Not reported
Type:	Not reported
Measure:	Not reported
Other:	Not reported
Date/Time:	Not reported
Year:	88-92
Agency:	Not reported
Incident Date:	Not reported
Admin Agency:	Not reported
Amount:	Not reported
Contained:	Not reported
Site Type:	Not reported
E Date:	25-JUN-91
Substance:	Not reported
Quantity Released:	Not reported
BBLS:	Not reported
Cups:	Not reported
CUFT:	Not reported
Gallons:	Not reported
Grams:	Not reported
Pounds:	Not reported
Liters:	Not reported
Ounces:	Not reported
Pints:	Not reported

(Continued) **S100219453**

Quarts:	Not reported
Sheen:	Not reported
Tons:	Not reported
Unknown:	Not reported
Description:	Not reported
Evacuations:	Not reported
Number of Injuries:	Not reported
Number of Fatalities:	Not reported

104
SSE
1/2-1
3360 ft.

GTE LENKURT CO INC
501 SYCAMORE DR
MILPITAS, CA 95035

RCRA-SQG **1000122172**
CAD980695506

Relative:
Higher

Actual:
31 ft.

RCRAInfo:

Owner:	GTE LENKURT CO INC (415) 555-1212
EPA ID:	CAD980695506
Contact:	ENVIRONMENTAL MANAGER (415) 595-3000
Classification:	Small Quantity Generator
TSDF Activities:	Not reported

Violation Status: No violations found

105
North
1/2-1
3379 ft.

39 SMITHWOOD AVE
MILPITAS, CA 95035

CHMIRS **S105634950**
N/A

Relative:
Lower

Actual:
16 ft.

CHMIRS:

OES Incident Number:	3075
OES notification:	Not reported
OES Date:	7/11/1994
OES Time:	11:24:52 PM
Incident Date:	Not reported
Date Completed:	**Not reported**
Property Use:	Not reported
Agency Id Number:	Not reported
Agency Incident Number:	Not reported
Time Notified:	Not reported
Time Completed:	Not reported
Surrounding Area:	Not reported
Estimated Temperature:	Not reported
Property Management:	Not reported
Special Studies 1:	Not reported
Special Studies 2:	Not reported
Special Studies 3:	Not reported
Special Studies 4:	Not reported
Special Studies 5:	Not reported
Special Studies 6:	Not reported
More Than Two Substances Involved?:	Not reported
Resp Agncy Personel # Of Decontaminated:	Not reported
Responding Agency Personel # Of Injuries:	Not reported
Responding Agency Personel # Of Fatalities:	Not reported
Others Number Of Decontaminated:	Not reported

(Continued) **S105634950**

Others Number Of Injuries:	Not reported
Others Number Of Fatalities:	Not reported
Vehicle Make/year:	Not reported
Vehicle License Number:	Not reported
Vehicle State:	Not reported
Vehicle Id Number:	Not reported
CA/DOT/PUC/ICC Number:	Not reported
Company Name:	Not reported
Reporting Officer Name/ID:	Not reported
Report Date:	Not reported
Comments:	Not reported
Facility Telephone:	Not reported
Waterway Involved:	YES
Waterway:	Not reported
Spill Site:	Not reported
Cleanup By:	stemco
Containment:	Not reported
What Happened:	Not reported
Type:	CHEMICAL
Measure:	Not reported
Other:	Not reported
Date/Time:	Not reported
Year:	1994
Agency:	milpitas fd
Incident Date:	1507/07-11-94
Admin Agency:	Not reported
Amount:	two pounds
Contained:	NO
Site Type:	Not reported
E Date:	Not reported
Substance:	chalk
Quantity Released:	Not reported
BBLS:	Not reported
Cups:	Not reported
CUFT:	Not reported
Gallons:	Not reported
Grams:	Not reported
Pounds:	Not reported
Liters:	Not reported
Ounces:	Not reported
Pints:	Not reported
Quarts:	Not reported
Sheen:	Not reported
Tons:	Not reported
Unknown:	Not reported
Description:	resident spilled it while refilling swimming pool filter
Evacuations:	NO
Number of Injuries:	NO
Number of Fatalities:	NO

S106 **WORLDCOM** **EMI** **S106842759**
NE **324 SO MAIN STREET** **N/A**
1/2-1 **MILPITAS, CA 0**
3381 ft.

Site 1 of 3 in cluster S

Relative:
Lower

Actual:
18 ft.

EMI:

Year:	2002
Carbon Monoxide Emissions Tons/Yr:	43
Air Basin:	SF
Facility ID:	14708
Air District Name:	BA
SIC Code:	4813
Air District Name:	BAY AREA AQMD
Community Health Air Pollution Info System:	Not reported
Consolidated Emission Reporting Rule:	Not reported
Total Organic Hydrocarbon Gases Tons/Yr:	0
Reactive Organic Gases Tons/Yr:	0
Carbon Monoxide Emissions Tons/Yr:	0
NOX - Oxides of Nitrogen Tons/Yr:	0
SOX - Oxides of Sulphur Tons/Yr:	0
Particulate Matter Tons/Yr:	0
Part. Matter 10 Micrometers & Smllr Tons/Yr:	0

Year:	2003
Carbon Monoxide Emissions Tons/Yr:	43
Air Basin:	SF
Facility ID:	14708
Air District Name:	BA
SIC Code:	4813
Air District Name:	BAY AREA AQMD
Community Health Air Pollution Info System:	Not reported
Consolidated Emission Reporting Rule:	Not reported
Total Organic Hydrocarbon Gases Tons/Yr:	0
Reactive Organic Gases Tons/Yr:	0
Carbon Monoxide Emissions Tons/Yr:	0
NOX - Oxides of Nitrogen Tons/Yr:	0
SOX - Oxides of Sulphur Tons/Yr:	0
Particulate Matter Tons/Yr:	0
Part. Matter 10 Micrometers & Smllr Tons/Yr:	0

Year:	2004
Carbon Monoxide Emissions Tons/Yr:	43
Air Basin:	SF
Facility ID:	14708
Air District Name:	BA
SIC Code:	4813
Air District Name:	BAY AREA AQMD
Community Health Air Pollution Info System:	Not reported
Consolidated Emission Reporting Rule:	Not reported
Total Organic Hydrocarbon Gases Tons/Yr:	0
Reactive Organic Gases Tons/Yr:	0
Carbon Monoxide Emissions Tons/Yr:	0
NOX - Oxides of Nitrogen Tons/Yr:	0.001
SOX - Oxides of Sulphur Tons/Yr:	0
Particulate Matter Tons/Yr:	0
Part. Matter 10 Micrometers & Smllr Tons/Yr:	0

T107
NNE
1/2-1
3389 ft.

Relative:
Lower

Actual:
15 ft.

QUALEX INC 0562
257 W CALAVERAS
MILPITAS, CA 95035

HAZNET

S103983141
N/A

Site 1 of 2 in cluster T

HAZNET:

Gepaid:	CAL000158088
Contact:	QUALEX INC
Telephone:	0000000000
Facility Addr2:	Not reported
Mailing Name:	Not reported
Mailing Address:	4020 STIRRUP CREEK DR STE 211
Mailing City,St,Zip:	DURHAM, NC 277039000
Gen County:	Santa Clara
TSD EPA ID:	CAD981402522
TSD County:	Kern
Waste Category:	Photochemicals/photoprocessing waste
Disposal Method:	Recycler
Tons:	.5629
Facility County:	Santa Clara

T108
NNE
1/2-1
3389 ft.

Relative:
Lower

Actual:
15 ft.

WALGREENS 562
257 W CALAVERAS
MILPITAS, CA 95035

RCRA-SQG

1001227065
CAR000043083

Site 2 of 2 in cluster T

RCRAInfo:

Owner:	WALGREEN CO (847) 914-3193
EPA ID:	CAR000043083
Contact:	RUSS ROELLER (919) 484-3631
Classification:	Small Quantity Generator
TSDF Activities:	Not reported

Violation Status: No violations found

U109
South
1/2-1
3395 ft.

Relative:
Higher

Actual:
31 ft.

MAXTOR CORPORATION
525 SYCAMORE DRIVE
MILPITAS, CA 95035

RCRA-SQG
HAZNET

1000857698
CAD983671439

Site 1 of 2 in cluster U

MAXTOR CORPORATION (Continued) **1000857698**

RCRAInfo:
Owner: MAXTOR CORPORATION
(408) 894-5000
EPA ID: CAD983671439

Contact: PRENNIE PASCUAL
(408) 894-4793

Classification: Small Quantity Generator
TSDF Activities: Not reported

Violation Status: No violations found

HAZNET:
Gepaid: CAD983671439
Contact: PRENNIE T PASCUAL/EHS MANAGER
Telephone: 4088944793
Facility Addr2: Not reported
Mailing Name: Not reported
Mailing Address: 500 MCCARTHY BLVD
Mailing City,St,Zip: MILPITAS, CA 950357908
Gen County: Santa Clara
TSD EPA ID: Not reported
TSD County: 99
Waste Category: Oxygenated solvents (acetone, butanol, ethyl acetate, etc.)
Disposal Method: Recycler
Tons: 0.20
Facility County: Not reported

Gepaid: CAD983671439
Contact: PRENNIE T PASCUAL/EHS MANAGER
Telephone: 4088944793
Facility Addr2: Not reported
Mailing Name: Not reported
Mailing Address: 500 MCCARTHY BLVD
Mailing City,St,Zip: MILPITAS, CA 950357908
Gen County: Santa Clara
TSD EPA ID: Not reported
TSD County: 99
Waste Category: Waste oil and mixed oil
Disposal Method: Recycler
Tons: 0.25
Facility County: Not reported

Gepaid: CAD983671439
Contact: PRENNIE T PASCUAL/EHS MANAGER
Telephone: 4088944793
Facility Addr2: Not reported
Mailing Name: Not reported
Mailing Address: 500 MCCARTHY BLVD
Mailing City,St,Zip: MILPITAS, CA 950357908
Gen County: Santa Clara
TSD EPA ID: Not reported
TSD County: 99
Waste Category: Off-specification, aged, or surplus organics
Disposal Method: Treatment, Incineration
Tons: 0.02
Facility County: Not reported

MAXTOR CORPORATION (Continued) **1000857698**

Gepaid:	CAD983671439
Contact:	QUANTUM CORP
Telephone:	4088944000
Facility Addr2:	Not reported
Mailing Name:	Not reported
Mailing Address:	500 MCCARTHY BLVD
Mailing City,St,Zip:	MILPITAS, CA 950357908
Gen County:	Santa Clara
TSD EPA ID:	CAD050806850
TSD County:	Los Angeles
Waste Category:	Unspecified solvent mixture Waste
Disposal Method:	Recycler
Tons:	.1500
Facility County:	Santa Clara

Gepaid:	CAD983671439
Contact:	QUANTUM CORP
Telephone:	4088944000
Facility Addr2:	Not reported
Mailing Name:	Not reported
Mailing Address:	500 MCCARTHY BLVD
Mailing City,St,Zip:	MILPITAS, CA 950357908
Gen County:	Santa Clara
TSD EPA ID:	CAD059494310
TSD County:	Santa Clara
Waste Category:	Oxygenated solvents (acetone, butanol, ethyl acetate, etc.)
Disposal Method:	Disposal, Other
Tons:	.0625
Facility County:	Santa Clara

Click this hyperlink while viewing on your computer to access
10 additional CA_HAZNET: record(s) in the EDR Site Report.

U110 **QUANTUM** **EMI** **S106837852**
South **525 SYCAMORE DRIVE** **N/A**
1/2-1 **MILPITAS, CA 95035**
3395 ft.

Site 2 of 2 in cluster U

Relative:
Higher

Actual:
31 ft.

EMI:

Year:	1995
Carbon Monoxide Emissions Tons/Yr:	43
Air Basin:	SF
Facility ID:	9004
Air District Name:	BA
SIC Code:	3572
Air District Name:	BAY AREA AQMD
Community Health Air Pollution Info System:	Not reported
Consolidated Emission Reporting Rule:	Not reported
Total Organic Hydrocarbon Gases Tons/Yr:	2
Reactive Organic Gases Tons/Yr:	1
Carbon Monoxide Emissions Tons/Yr:	0
NOX - Oxides of Nitrogen Tons/Yr:	0
SOX - Oxides of Sulphur Tons/Yr:	0
Particulate Matter Tons/Yr:	0
Part. Matter 10 Micrometers & Smllr Tons/Yr:	0

Year:	1996

QUANTUM (Continued) **S106837852**

Carbon Monoxide Emissions Tons/Yr:	43
Air Basin:	SF
Facility ID:	9004
Air District Name:	BA
SIC Code:	3572
Air District Name:	BAY AREA AQMD
Community Health Air Pollution Info System:	Not reported
Consolidated Emission Reporting Rule:	Not reported
Total Organic Hydrocarbon Gases Tons/Yr:	2
Reactive Organic Gases Tons/Yr:	1
Carbon Monoxide Emissions Tons/Yr:	0
NOX - Oxides of Nitrogen Tons/Yr:	0
SOX - Oxides of Sulphur Tons/Yr:	0
Particulate Matter Tons/Yr:	0
Part. Matter 10 Micrometers & Smllr Tons/Yr:	0

Year:	1997
Carbon Monoxide Emissions Tons/Yr:	43
Air Basin:	SF
Facility ID:	9004
Air District Name:	BA
SIC Code:	3572
Air District Name:	BAY AREA AQMD
Community Health Air Pollution Info System:	Not reported
Consolidated Emission Reporting Rule:	Not reported
Total Organic Hydrocarbon Gases Tons/Yr:	1
Reactive Organic Gases Tons/Yr:	0
Carbon Monoxide Emissions Tons/Yr:	0
NOX - Oxides of Nitrogen Tons/Yr:	0
SOX - Oxides of Sulphur Tons/Yr:	0
Particulate Matter Tons/Yr:	0
Part. Matter 10 Micrometers & Smllr Tons/Yr:	0

Year:	1998
Carbon Monoxide Emissions Tons/Yr:	43
Air Basin:	SF
Facility ID:	9004
Air District Name:	BA
SIC Code:	3572
Air District Name:	BAY AREA AQMD
Community Health Air Pollution Info System:	Not reported
Consolidated Emission Reporting Rule:	Not reported
Total Organic Hydrocarbon Gases Tons/Yr:	1
Reactive Organic Gases Tons/Yr:	0
Carbon Monoxide Emissions Tons/Yr:	0
NOX - Oxides of Nitrogen Tons/Yr:	0
SOX - Oxides of Sulphur Tons/Yr:	0
Particulate Matter Tons/Yr:	0
Part. Matter 10 Micrometers & Smllr Tons/Yr:	0

S111
NE
1/2-1
3408 ft.

Relative:
Lower

Actual:
18 ft.

MR BRAKE & CLUTCH
312 S MAIN ST
MILPITAS, CA 95035

RCRA-SQG 1000595417
HAZNET CAD983593534

Site 2 of 3 in cluster S

RCRAInfo:
Owner: MURCO DEVELOPMENT
(415) 555-1212
EPA ID: CAD983593534

Contact: GARCIA JULIO
(408) 262-7211

Classification: Small Quantity Generator
TSDF Activities: Not reported

Violation Status: No violations found

HAZNET:

Gepaid:	CAD983593534
Contact:	MURCO DEVELOPMENT
Telephone:	0000000000
Facility Addr2:	Not reported
Mailing Name:	Not reported
Mailing Address:	312 S MAIN ST
Mailing City,St,Zip:	MILPITAS, CA 950350000
Gen County:	Santa Clara
TSD EPA ID:	CAD093459485
TSD County:	Fresno
Waste Category:	Unspecified solvent mixture Waste
Disposal Method:	Transfer Station
Tons:	.0166
Facility County:	Santa Clara

Gepaid:	CAD983593534
Contact:	MURCO DEVELOPMENT
Telephone:	0000000000
Facility Addr2:	Not reported
Mailing Name:	Not reported
Mailing Address:	312 S MAIN ST
Mailing City,St,Zip:	MILPITAS, CA 950350000
Gen County:	Santa Clara
TSD EPA ID:	CAD093459485
TSD County:	Fresno
Waste Category:	Unspecified solvent mixture Waste
Disposal Method:	Transfer Station
Tons:	.0498
Facility County:	Santa Clara

S112
NE
1/2-1
3408 ft.

Relative:
Lower

Actual:
18 ft.

MAIN STREET PAINT & BODY SHOP
312 SO MAIN ST
MILPITAS, CA 95035

HAZNET 1001611132
EMI N/A

Site 3 of 3 in cluster S

HAZNET:

Gepaid:	CAL000017012
Contact:	GUADALUPE G ORTIZ
Telephone:	4082636658
Facility Addr2:	Not reported

MAIN STREET PAINT & BODY SHOP (Continued) **1001611132**

Mailing Name: Not reported
Mailing Address: 312 S MAIN ST STE 5
Mailing City,St,Zip: MILPITAS, CA 950355326
Gen County: Santa Clara
TSD EPA ID: CAT000613893
TSD County: Los Angeles
Waste Category: Oxygenated solvents (acetone, butanol, ethyl acetate, etc.)
Disposal Method: Not reported
Tons: .0615
Facility County: Santa Clara

Gepaid: CAL000017012
Contact: GUADALUPE G ORTIZ
Telephone: 4082636658
Facility Addr2: Not reported
Mailing Name: Not reported
Mailing Address: 312 S MAIN ST STE 5
Mailing City,St,Zip: MILPITAS, CA 950355326
Gen County: Santa Clara
TSD EPA ID: CAT000613893
TSD County: Los Angeles
Waste Category: Oxygenated solvents (acetone, butanol, ethyl acetate, etc.)
Disposal Method: Transfer Station
Tons: .4310
Facility County: Santa Clara

Gepaid: CAL000017012
Contact: GUADALUPE G ORTIZ
Telephone: 4082636658
Facility Addr2: Not reported
Mailing Name: Not reported
Mailing Address: 312 S MAIN ST STE 5
Mailing City,St,Zip: MILPITAS, CA 950355326
Gen County: Santa Clara
TSD EPA ID: CAT000613950
TSD County: Sacramento
Waste Category: Oxygenated solvents (acetone, butanol, ethyl acetate, etc.)
Disposal Method: Transfer Station
Tons: .0920
Facility County: Santa Clara

Gepaid: CAL000017012
Contact: GUADALUPE G ORTIZ OWNER
Telephone: 4082636658
Facility Addr2: Not reported
Mailing Name: Not reported
Mailing Address: 312 S MAIN ST STE 5
Mailing City,St,Zip: MILPITAS, CA 950355326
Gen County: Santa Clara
TSD EPA ID: Not reported
TSD County: Los Angeles
Waste Category: Unspecified solvent mixture Waste
Disposal Method: Recycler
Tons: 0.16
Facility County: Not reported

Gepaid: CAL000017012

MAIN STREET PAINT & BODY SHOP (Continued) **1001611132**

Contact:	GUADALUPE G ORTIZ
Telephone:	4082636658
Facility Addr2:	Not reported
Mailing Name:	Not reported
Mailing Address:	312 S MAIN ST STE 5
Mailing City,St,Zip:	MILPITAS, CA 950355326
Gen County:	Santa Clara
TSD EPA ID:	CAD009452657
TSD County:	San Mateo
Waste Category:	Unspecified solvent mixture Waste
Disposal Method:	Recycler
Tons:	.1584
Facility County:	Santa Clara

Click this hyperlink while viewing on your computer to access
13 additional CA_HAZNET: record(s) in the EDR Site Report.

EMI:

Year:	1990
Carbon Monoxide Emissions Tons/Yr:	43
Air Basin:	SF
Facility ID:	3560
Air District Name:	BA
SIC Code:	7532
Air District Name:	BAY AREA AQMD
Community Health Air Pollution Info System:	Not reported
Consolidated Emission Reporting Rule:	Not reported
Total Organic Hydrocarbon Gases Tons/Yr:	0
Reactive Organic Gases Tons/Yr:	0
Carbon Monoxide Emissions Tons/Yr:	0
NOX - Oxides of Nitrogen Tons/Yr:	0
SOX - Oxides of Sulphur Tons/Yr:	0
Particulate Matter Tons/Yr:	0
Part. Matter 10 Micrometers & Smllr Tons/Yr:	0

Year:	1995
Carbon Monoxide Emissions Tons/Yr:	43
Air Basin:	SF
Facility ID:	3560
Air District Name:	BA
SIC Code:	7532
Air District Name:	BAY AREA AQMD
Community Health Air Pollution Info System:	Not reported
Consolidated Emission Reporting Rule:	Not reported
Total Organic Hydrocarbon Gases Tons/Yr:	1
Reactive Organic Gases Tons/Yr:	1
Carbon Monoxide Emissions Tons/Yr:	0
NOX - Oxides of Nitrogen Tons/Yr:	0
SOX - Oxides of Sulphur Tons/Yr:	0
Particulate Matter Tons/Yr:	0
Part. Matter 10 Micrometers & Smllr Tons/Yr:	0

Year:	1996
Carbon Monoxide Emissions Tons/Yr:	43
Air Basin:	SF
Facility ID:	3560
Air District Name:	BA

MAIN STREET PAINT & BODY SHOP (Continued) **1001611132**

SIC Code:	7532
Air District Name:	BAY AREA AQMD
Community Health Air Pollution Info System:	Not reported
Consolidated Emission Reporting Rule:	Not reported
Total Organic Hydrocarbon Gases Tons/Yr:	1
Reactive Organic Gases Tons/Yr:	1
Carbon Monoxide Emissions Tons/Yr:	0
NOX - Oxides of Nitrogen Tons/Yr:	0
SOX - Oxides of Sulphur Tons/Yr:	0
Particulate Matter Tons/Yr:	0
Part. Matter 10 Micrometers & Smllr Tons/Yr:	0

Year:	1997
Carbon Monoxide Emissions Tons/Yr:	43
Air Basin:	SF
Facility ID:	3560
Air District Name:	BA
SIC Code:	7532
Air District Name:	BAY AREA AQMD
Community Health Air Pollution Info System:	Not reported
Consolidated Emission Reporting Rule:	Not reported
Total Organic Hydrocarbon Gases Tons/Yr:	0
Reactive Organic Gases Tons/Yr:	0
Carbon Monoxide Emissions Tons/Yr:	0
NOX - Oxides of Nitrogen Tons/Yr:	0
SOX - Oxides of Sulphur Tons/Yr:	0
Particulate Matter Tons/Yr:	0
Part. Matter 10 Micrometers & Smllr Tons/Yr:	0

Year:	1998
Carbon Monoxide Emissions Tons/Yr:	43
Air Basin:	SF
Facility ID:	3560
Air District Name:	BA
SIC Code:	7532
Air District Name:	BAY AREA AQMD
Community Health Air Pollution Info System:	Not reported
Consolidated Emission Reporting Rule:	Not reported
Total Organic Hydrocarbon Gases Tons/Yr:	0
Reactive Organic Gases Tons/Yr:	0
Carbon Monoxide Emissions Tons/Yr:	0
NOX - Oxides of Nitrogen Tons/Yr:	0
SOX - Oxides of Sulphur Tons/Yr:	0
Particulate Matter Tons/Yr:	0
Part. Matter 10 Micrometers & Smllr Tons/Yr:	0

Year:	1999
Carbon Monoxide Emissions Tons/Yr:	43
Air Basin:	SF
Facility ID:	3560
Air District Name:	BA
SIC Code:	7532
Air District Name:	BAY AREA AQMD
Community Health Air Pollution Info System:	Not reported
Consolidated Emission Reporting Rule:	Not reported
Total Organic Hydrocarbon Gases Tons/Yr:	0
Reactive Organic Gases Tons/Yr:	0

MAIN STREET PAINT & BODY SHOP (Continued) **1001611132**

Carbon Monoxide Emissions Tons/Yr:	0
NOX - Oxides of Nitrogen Tons/Yr:	0
SOX - Oxides of Sulphur Tons/Yr:	0
Particulate Matter Tons/Yr:	0
Part. Matter 10 Micrometers & Smllr Tons/Yr:	0

Year:	2000
Carbon Monoxide Emissions Tons/Yr:	43
Air Basin:	SF
Facility ID:	3560
Air District Name:	BA
SIC Code:	7532
Air District Name:	BAY AREA AQMD
Community Health Air Pollution Info System:	Not reported
Consolidated Emission Reporting Rule:	Not reported
Total Organic Hydrocarbon Gases Tons/Yr:	0
Reactive Organic Gases Tons/Yr:	0
Carbon Monoxide Emissions Tons/Yr:	0
NOX - Oxides of Nitrogen Tons/Yr:	0
SOX - Oxides of Sulphur Tons/Yr:	0
Particulate Matter Tons/Yr:	0
Part. Matter 10 Micrometers & Smllr Tons/Yr:	0

Year:	2001
Carbon Monoxide Emissions Tons/Yr:	43
Air Basin:	SF
Facility ID:	3560
Air District Name:	BA
SIC Code:	7532
Air District Name:	BAY AREA AQMD
Community Health Air Pollution Info System:	Not reported
Consolidated Emission Reporting Rule:	Not reported
Total Organic Hydrocarbon Gases Tons/Yr:	0
Reactive Organic Gases Tons/Yr:	0
Carbon Monoxide Emissions Tons/Yr:	0
NOX - Oxides of Nitrogen Tons/Yr:	0
SOX - Oxides of Sulphur Tons/Yr:	0
Particulate Matter Tons/Yr:	0
Part. Matter 10 Micrometers & Smllr Tons/Yr:	0

Year:	2003
Carbon Monoxide Emissions Tons/Yr:	43
Air Basin:	SF
Facility ID:	3560
Air District Name:	BA
SIC Code:	7532
Air District Name:	BAY AREA AQMD
Community Health Air Pollution Info System:	Not reported
Consolidated Emission Reporting Rule:	Not reported
Total Organic Hydrocarbon Gases Tons/Yr:	0
Reactive Organic Gases Tons/Yr:	0
Carbon Monoxide Emissions Tons/Yr:	0
NOX - Oxides of Nitrogen Tons/Yr:	0
SOX - Oxides of Sulphur Tons/Yr:	0
Particulate Matter Tons/Yr:	0
Part. Matter 10 Micrometers & Smllr Tons/Yr:	0

MAIN STREET PAINT & BODY SHOP (Continued) **1001611132**

Year:	2004
Carbon Monoxide Emissions Tons/Yr:	43
Air Basin:	SF
Facility ID:	3560
Air District Name:	BA
SIC Code:	7532
Air District Name:	BAY AREA AQMD
Community Health Air Pollution Info System:	Not reported
Consolidated Emission Reporting Rule:	Not reported
Total Organic Hydrocarbon Gases Tons/Yr:	0.114
Reactive Organic Gases Tons/Yr:	0.0995664
Carbon Monoxide Emissions Tons/Yr:	0
NOX - Oxides of Nitrogen Tons/Yr:	0
SOX - Oxides of Sulphur Tons/Yr:	0
Particulate Matter Tons/Yr:	0
Part. Matter 10 Micrometers & Smllr Tons/Yr:	0

113
ENE
1/2-1
3423 ft.

650 HAMMOND WAY
MILPITAS, CA 95038

HAZNET **S103668165**
CHMIRS **N/A**
CA WDS

Relative:
Lower

Actual:
23 ft.

HAZNET:

Gepaid:	CAD980895270
Contact:	JACK COOPER TRANSPORT CO INC
Telephone:	8005695262
Facility Addr2:	Not reported
Mailing Name:	Not reported
Mailing Address:	650 HAMMOND WAY
Mailing City,St,Zip:	MILPITAS, CA 950355328
Gen County:	Santa Clara
TSD EPA ID:	CAD059494310
TSD County:	Santa Clara
Waste Category:	Unspecified organic liquid mixture
Disposal Method:	Disposal, Other
Tons:	.7089
Facility County:	Santa Clara

Gepaid:	CAD980895270
Contact:	JACK COOPER TRANSPORT CO INC
Telephone:	8005695262
Facility Addr2:	Not reported
Mailing Name:	Not reported
Mailing Address:	650 HAMMOND WAY
Mailing City,St,Zip:	MILPITAS, CA 950355328
Gen County:	Santa Clara
TSD EPA ID:	CAD059494310
TSD County:	Santa Clara
Waste Category:	Unspecified organic liquid mixture
Disposal Method:	Not reported
Tons:	.1251
Facility County:	Santa Clara

Gepaid:	CAD980895270
Contact:	JACK COOPER TRANSPORT CO INC
Telephone:	8005695262
Facility Addr2:	Not reported
Mailing Name:	Not reported

(Continued) **S103668165**

Mailing Address: 650 HAMMOND WAY
Mailing City,St,Zip: MILPITAS, CA 950355328
Gen County: Santa Clara
TSD EPA ID: CAD009452657
TSD County: San Mateo
Waste Category: Unspecified organic liquid mixture
Disposal Method: Not reported
Tons: .1668
Facility County: Santa Clara

Gepaid: CAD980895270
Contact: JACK COOPER TRANSPORT CO INC
Telephone: 8005695262
Facility Addr2: Not reported
Mailing Name: Not reported
Mailing Address: 650 HAMMOND WAY
Mailing City,St,Zip: MILPITAS, CA 950355328
Gen County: Santa Clara
TSD EPA ID: CAD009452657
TSD County: San Mateo
Waste Category: Unspecified organic liquid mixture
Disposal Method: Recycler
Tons: .2710
Facility County: Santa Clara

Gepaid: CAD980895270
Contact: JACK COOPER TRANSPORT CO INC
Telephone: 8005695262
Facility Addr2: Not reported
Mailing Name: Not reported
Mailing Address: 650 HAMMOND WAY
Mailing City,St,Zip: MILPITAS, CA 950355328
Gen County: Santa Clara
TSD EPA ID: CAD083166728
TSD County: Stanislaus
Waste Category: Unspecified oil-containing waste
Disposal Method: Recycler
Tons: 16.3672
Facility County: Santa Clara

Click this hyperlink while viewing on your computer to access
55 additional CA_HAZNET: record(s) in the EDR Site Report.

CHMIRS:
OES Incident Number: 26767
OES notification: Not reported
OES Date: 1/28/1993
OES Time: 06:10:00 AM
Incident Date: Not reported
Date Completed: Not reported
Property Use: Not reported
Agency Id Number: Not reported
Agency Incident Number: Not reported
Time Notified: Not reported
Time Completed: Not reported
Surrounding Area: Not reported
Estimated Temperature: Not reported

(Continued) **S103668165**

Property Management:	Not reported
Special Studies 1:	Not reported
Special Studies 2:	Not reported
Special Studies 3:	Not reported
Special Studies 4:	Not reported
Special Studies 5:	Not reported
Special Studies 6:	Not reported
More Than Two Substances Involved?:	Not reported
Resp Agncy Personel # Of Decontaminated:	Not reported
Responding Agency Personel # Of Injuries:	Not reported
Responding Agency Personel # Of Fatalities:	Not reported
Others Number Of Decontaminated:	Not reported
Others Number Of Injuries:	Not reported
Others Number Of Fatalities:	Not reported
Vehicle Make/year:	Not reported
Vehicle License Number:	Not reported
Vehicle State:	Not reported
Vehicle Id Number:	Not reported
CA/DOT/PUC/ICC Number:	Not reported
Company Name:	Not reported
Reporting Officer Name/ID:	Not reported
Report Date:	Not reported
Comments:	Not reported
Facility Telephone:	Not reported
Waterway Involved:	Not reported
Waterway:	Not reported
Spill Site:	Not reported
Cleanup By:	DISCHARGER
Containment:	Not reported
What Happened:	Not reported
Type:	PETROLEUM
Measure:	Not reported
Other:	Not reported
Date/Time:	Not reported
Year:	1993
Agency:	Not reported
Incident Date:	0538
Admin Agency:	Not reported
Amount:	25 GAL
Contained:	NO
Site Type:	Not reported
E Date:	Not reported
Substance:	DIESEL
Quantity Released:	Not reported
BBLS:	Not reported
Cups:	Not reported
CUFT:	Not reported
Gallons:	Not reported
Grams:	Not reported
Pounds:	Not reported
Liters:	Not reported
Ounces:	Not reported
Pints:	Not reported
Quarts:	Not reported
Sheen:	Not reported
Tons:	Not reported
Unknown:	Not reported

(Continued) **S103668165**

Description: VEHICLE ACCIDENT
Evacuations: Not reported
Number of Injuries: Not reported
Number of Fatalities: Not reported

CA WDS:
Facility ID: San Francisco Bay 43I009643
Facility Type: Industrial - Facility that treats and/or disposes of liquid or semisolid wastes from any servicing, producing, manufacturing or processing operation of whatever nature, including mining, gravel washing, geothermal operations, air conditioning, ship building and repairing, oil production, storage and disposal operations, water pumping.
Facility Status: Active - Any facility with a continuous or seasonal discharge that is under Waste Discharge Requirements.
NPDES Number: CAS000001 The 1st 2 characters designate the state. The remaining 7 are assigned by the Regional Board
Subregion: 2
Facility Telephone: 8169834000
Facility Contact: PELUSO, MICHEAL
Agency Name: PAC MOTOR TRUCKING CO
Agency Address: 2345 Grand Blvd Ste 400
Agency City,St,Zip: Kansas City 641082625
Agency Contact: PELUSO, MICHEAL
Agency Telephone: 8169834000
Agency Type: Private
SIC Code: Not reported
SIC Code 2: Not reported
Primary Waste: Not reported
Primary Waste Type: Not reported
Secondary Waste: Not reported
Secondary Waste Type: Not reported
Design Flow: Not reported
Baseline Flow: Not reported
Reclamation: Not reported
POTW: Not reported
Treat To Water: Minor Threat to Water Quality. A violation of a regional board order should cause a relatively minor impairment of beneficial uses compared to a major or minor threat. Not: All nurds without a TTWQ will be considered a minor threat to water quality unless coded at a higher Level. A Zero (0) may be used to code those NURDS that are found to represent no threat to water quality.
Complexity: Category C - Facilities having no waste treatment systems, such as cooling water dischargers or thosewho must comply through best management practices, facilities with passive waste treatment and disposal systems, such as septic systems with subsurface disposal, or dischargers having waste storage systems with land disposal such as dairy waste ponds.

R114 **TEXACO** **HAZNET S104164437**
NE **92 SERRA WY** **HIST LUST N/A**
1/2-1 **MILPITAS, CA 95035**
3425 ft.

Site 3 of 3 in cluster R

Relative: Lower

Actual: 18 ft.

HAZNET:
Gepaid: CAL000077264
Contact: ZACK SROUJI
Telephone: 4082623211
Facility Addr2: Not reported

TEXACO (Continued) **S104164437**

Mailing Name: Not reported
Mailing Address: 3031 TISCH WAY SUITE 505
Mailing City,St,Zip: SAN JOSE, CA 951282532
Gen County: Santa Clara
TSD EPA ID: CAD088838222
TSD County: Santa Cruz
Waste Category: Unspecified aqueous solution
Disposal Method: Recycler
Tons: .0834
Facility County: Santa Clara

HIST LUST:
Region: SANTA CLARA
SCVWD ID: 06S1E07F01
Region Code: 2
Oversite Agency: SCVWD
Date Listed: 1987-01-01 00:00:00
Closed Date: 1996-06-26 00:00:00

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115 **UNGERMANN BASS** **RCRA-SQG** **1000216147**
SSW **1440 MCCARTHY BLVD** **HAZNET** **CAD981626070**
1/2-1 **MILPITAS, CA 95035** **EMI**
3429 ft.

Relative:
Higher

Actual:
27 ft.

RCRAInfo:
Owner: PERRY ARRIALLGA
(415) 555-1212
EPA ID: CAD981626070
Contact: Not reported
Classification: Small Quantity Generator
TSDF Activities: Not reported
Violation Status: No violations found

HAZNET:
Gepaid: CAD981626070
Contact: Not reported
Telephone: 0000000000
Facility Addr2: Not reported
Mailing Name: Not reported
Mailing Address: 1440 MCCARTHY BLVD
Mailing City,St,Zip: MILPITAS, CA 950350000
Gen County: Santa Clara
TSD EPA ID: CAT080012263
TSD County: Santa Clara
Waste Category: Liquids with halogenated organic compounds > 1000 mg/l
Disposal Method: Recycler
Tons: .0208
Facility County: Santa Clara

Gepaid: CAD981626070
Contact: Not reported
Telephone: 0000000000
Facility Addr2: Not reported
Mailing Name: Not reported
Mailing Address: 1440 MCCARTHY BLVD

UNGERMANN BASS (Continued) **1000216147**

Mailing City,St,Zip: MILPITAS, CA 950350000
Gen County: Santa Clara
TSD EPA ID: CAD000088252
TSD County: Los Angeles
Waste Category: Not reported
Disposal Method: Transfer Station
Tons: .2293
Facility County: Santa Clara

Gepaid: CAD981626070
Contact: Not reported
Telephone: 0000000000
Facility Addr2: Not reported
Mailing Name: Not reported
Mailing Address: 1440 MCCARTHY BLVD
Mailing City,St,Zip: MILPITAS, CA 950350000
Gen County: Santa Clara
TSD EPA ID: CAD000088252
TSD County: Los Angeles
Waste Category: Off-specification, aged, or surplus organics
Disposal Method: Transfer Station
Tons: .9173
Facility County: Santa Clara

Gepaid: CAD981626070
Contact: Not reported
Telephone: 0000000000
Facility Addr2: Not reported
Mailing Name: Not reported
Mailing Address: 1440 MCCARTHY BLVD
Mailing City,St,Zip: MILPITAS, CA 950350000
Gen County: Santa Clara
TSD EPA ID: CAD000088252
TSD County: Los Angeles
Waste Category: Unspecified solvent mixture Waste
Disposal Method: Transfer Station
Tons: .2293
Facility County: Santa Clara

Click this hyperlink while viewing on your computer to access
-1 additional CA_HAZNET: record(s) in the EDR Site Report.

EMI:
Year: 1987
Carbon Monoxide Emissions Tons/Yr: 43
Air Basin: SF
Facility ID: 2520
Air District Name: BA
SIC Code: 3499
Air District Name: BAY AREA AQMD
Community Health Air Pollution Info System: Not reported
Consolidated Emission Reporting Rule: Not reported
Total Organic Hydrocarbon Gases Tons/Yr: 2
Reactive Organic Gases Tons/Yr: 1
Carbon Monoxide Emissions Tons/Yr: 0
NOX - Oxides of Nitrogen Tons/Yr: 0
SOX - Oxides of Sulphur Tons/Yr: 0

UNGERMANN BASS (Continued) **1000216147**

Particulate Matter Tons/Yr:	0
Part. Matter 10 Micrometers & Smllr Tons/Yr:	0
Year:	1990
Carbon Monoxide Emissions Tons/Yr:	43
Air Basin:	SF
Facility ID:	2520
Air District Name:	BA
SIC Code:	3499
Air District Name:	BAY AREA AQMD
Community Health Air Pollution Info System:	Not reported
Consolidated Emission Reporting Rule:	Not reported
Total Organic Hydrocarbon Gases Tons/Yr:	1
Reactive Organic Gases Tons/Yr:	0
Carbon Monoxide Emissions Tons/Yr:	0
NOX - Oxides of Nitrogen Tons/Yr:	0
SOX - Oxides of Sulphur Tons/Yr:	0
Particulate Matter Tons/Yr:	0
Part. Matter 10 Micrometers & Smllr Tons/Yr:	0

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116 South 1/2-1 3440 ft.

EDWARDS HIGH VACUUM
550 SYCAMORE DR
MILPITAS, CA 95035

RCRA-SQG 1000886126
HAZNET CA0000081166
EMI

Relative: Higher

Actual: 30 ft.

RCRAInfo:

Owner:	EDWARDS HIGH VACUUM INTERNATIONAL (508) 658-5410
EPA ID:	CA0000081166
Contact:	GREG MAC LEAN (978) 658-5410
Classification:	Small Quantity Generator
TSDF Activities:	Not reported

Violation Status: No violations found

HAZNET:

Gepaid:	CA0000081166
Contact:	EDWARDS HIGH VACUUM INTERNATIO
Telephone:	4089464707
Facility Addr2:	Not reported
Mailing Name:	Not reported
Mailing Address:	550 SYCAMORE DR
Mailing City,St,Zip:	MILPITAS, CA 950357412
Gen County:	Santa Clara
TSD EPA ID:	CAT080014079
TSD County:	7
Waste Category:	Waste oil and mixed oil
Disposal Method:	Transfer Station
Tons:	.8000
Facility County:	Santa Clara

Gepaid:	CA0000081166
Contact:	EDWARDS HIGH VACUUM INTERNATIO
Telephone:	4089464707
Facility Addr2:	Not reported
Mailing Name:	Not reported

EDWARDS HIGH VACUUM (Continued) **1000886126**

Mailing Address:	550 SYCAMORE DR
Mailing City,St,Zip:	MILPITAS, CA 950357412
Gen County:	Santa Clara
TSD EPA ID:	CAT080014079
TSD County:	7
Waste Category:	Asbestos-containing waste
Disposal Method:	Transfer Station
Tons:	.0400
Facility County:	Santa Clara

Gepaid:	CA0000081166
Contact:	EDWARDS HIGH VACUUM INTERNATIO
Telephone:	4089464707
Facility Addr2:	Not reported
Mailing Name:	Not reported
Mailing Address:	550 SYCAMORE DR
Mailing City,St,Zip:	MILPITAS, CA 950357412
Gen County:	Santa Clara
TSD EPA ID:	CAT080014079
TSD County:	7
Waste Category:	Unspecified oil-containing waste
Disposal Method:	Transfer Station
Tons:	9.8000
Facility County:	Santa Clara

Gepaid:	CA0000081166
Contact:	EDWARDS HIGH VACUUM INTERNATIO
Telephone:	4089464707
Facility Addr2:	Not reported
Mailing Name:	Not reported
Mailing Address:	550 SYCAMORE DR
Mailing City,St,Zip:	MILPITAS, CA 950357412
Gen County:	Santa Clara
TSD EPA ID:	CAT080014079
TSD County:	7
Waste Category:	Other organic solids
Disposal Method:	Transfer Station
Tons:	6.5250
Facility County:	Santa Clara

Gepaid:	CA0000081166
Contact:	EDWARDS HIGH VACUUM INTERNATIO
Telephone:	4089464707
Facility Addr2:	Not reported
Mailing Name:	Not reported
Mailing Address:	550 SYCAMORE DR
Mailing City,St,Zip:	MILPITAS, CA 950357412
Gen County:	Santa Clara
TSD EPA ID:	CAT000646117
TSD County:	Kings
Waste Category:	Other organic solids
Disposal Method:	Disposal, Land Fill
Tons:	2.3775
Facility County:	Santa Clara

EDWARDS HIGH VACUUM (Continued) **1000886126**

Click this hyperlink while viewing on your computer to access
19 additional CA_HAZNET: record(s) in the EDR Site Report.

EMI:

Year:	1996
Carbon Monoxide Emissions Tons/Yr:	43
Air Basin:	SF
Facility ID:	9273
Air District Name:	BA
SIC Code:	3563
Air District Name:	BAY AREA AQMD
Community Health Air Pollution Info System:	Not reported
Consolidated Emission Reporting Rule:	Not reported
Total Organic Hydrocarbon Gases Tons/Yr:	0
Reactive Organic Gases Tons/Yr:	0
Carbon Monoxide Emissions Tons/Yr:	0
NOX - Oxides of Nitrogen Tons/Yr:	0
SOX - Oxides of Sulphur Tons/Yr:	0
Particulate Matter Tons/Yr:	0
Part. Matter 10 Micrometers & Smllr Tons/Yr:	0

Year:	1997
Carbon Monoxide Emissions Tons/Yr:	43
Air Basin:	SF
Facility ID:	9273
Air District Name:	BA
SIC Code:	3563
Air District Name:	BAY AREA AQMD
Community Health Air Pollution Info System:	Not reported
Consolidated Emission Reporting Rule:	Not reported
Total Organic Hydrocarbon Gases Tons/Yr:	0
Reactive Organic Gases Tons/Yr:	0
Carbon Monoxide Emissions Tons/Yr:	0
NOX - Oxides of Nitrogen Tons/Yr:	0
SOX - Oxides of Sulphur Tons/Yr:	0
Particulate Matter Tons/Yr:	0
Part. Matter 10 Micrometers & Smllr Tons/Yr:	0

117
SSW
1/2-1
3457 ft.

Relative:
Higher

Actual:
27 ft.

PEERY & ARRILLAGA INC
888 TASMAN DR
MILPITAS, CA 95035

HAZNET **S106087088**
N/A

HAZNET:

Gepaid:	CAC002551631
Contact:	John Arrillaga/partner
Telephone:	4089800130
Facility Addr2:	Not reported
Mailing Name:	Not reported
Mailing Address:	PO Box 60000
Mailing City,St,Zip:	San Francisco, CA 94160
Gen County:	Santa Clara
TSD EPA ID:	Not reported
TSD County:	Santa Clara
Waste Category:	Unspecified oil-containing waste
Disposal Method:	Transfer Station
Tons:	2.45

PEERY & ARRILLAGA INC (Continued) **S106087088**

Facility County: Not reported

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118 **JACKLIN DENTAL** **HAZNET** **S105724385**
NE **282 S MAIN ST** **N/A**
1/2-1 **MILPITAS, CA 95035**
3482 ft.

Relative: **Lower**

Actual: **19 ft.**

HAZNET:

Gepaid:	CAL000206626
Contact:	DR MILA TABERNA/OWNER
Telephone:	4089464815
Facility Addr2:	Not reported
Mailing Name:	Not reported
Mailing Address:	282 S MAIN ST
Mailing City,St,Zip:	MILPITAS, CA 950350000
Gen County:	Santa Clara
TSD EPA ID:	Not reported
TSD County:	Sacramento
Waste Category:	Photochemicals/photoprocessing waste
Disposal Method:	Transfer Station
Tons:	0.04
Facility County:	Not reported

Gepaid:	CAL000206626
Contact:	DR MILA TABERNA/OWNER
Telephone:	4089464815
Facility Addr2:	Not reported
Mailing Name:	Not reported
Mailing Address:	282 S MAIN ST
Mailing City,St,Zip:	MILPITAS, CA 950350000
Gen County:	Santa Clara
TSD EPA ID:	Not reported
TSD County:	Sacramento
Waste Category:	Photochemicals/photoprocessing waste
Disposal Method:	Transfer Station
Tons:	0.04
Facility County:	Not reported

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119 **CHMIRS** **S100274981**
SSE **1228 STARLITE DR.** **N/A**
1/2-1 **MILPITAS, CA 95035**
3490 ft.

Relative: **Higher**

Actual: **31 ft.**

CHMIRS:

OES Incident Number:	8906616
OES notification:	Not reported
OES Date:	Not reported
OES Time:	Not reported
Incident Date:	16-JUN-89
Date Completed:	**16-JUN-89**
Property Use:	962
Agency Id Number:	43030
Agency Incident Number:	99999
Time Notified:	748
Time Completed:	812
Surrounding Area:	400

(Continued) **S100274981**

Estimated Temperature:	65
Property Management:	C
Special Studies 1:	Not reported
Special Studies 2:	Not reported
Special Studies 3:	Not reported
Special Studies 4:	Not reported
Special Studies 5:	Not reported
Special Studies 6:	Not reported
More Than Two Substances Involved?:	N
Resp Agncy Personel # Of Decontaminated:	0
Responding Agency Personel # Of Injuries:	0
Responding Agency Personel # Of Fatalities:	0
Others Number Of Decontaminated:	0
Others Number Of Injuries:	0
Others Number Of Fatalities:	0
Vehicle Make/year:	EL CAMINO/76
Vehicle License Number:	Not reported
Vehicle State:	CA
Vehicle Id Number:	Not reported
CA/DOT/PUC/ICC Number:	Not reported
Company Name:	Not reported
Reporting Officer Name/ID:	LT. WAKELL C18
Report Date:	16-JUN-89
Comments:	Not reported
Facility Telephone:	408 942-2388
Waterway Involved:	Not reported
Waterway:	Not reported
Spill Site:	Not reported
Cleanup By:	Not reported
Containment:	Not reported
What Happened:	Not reported
Type:	Not reported
Measure:	Not reported
Other:	Not reported
Date/Time:	Not reported
Year:	88-92
Agency:	Not reported
Incident Date:	Not reported
Admin Agency:	Not reported
Amount:	Not reported
Contained:	Not reported
Site Type:	Not reported
E Date:	15-MAY-90
Substance:	Not reported
Quantity Released:	Not reported
BBLS:	Not reported
Cups:	Not reported
CUFT:	Not reported
Gallons:	Not reported
Grams:	Not reported
Pounds:	Not reported
Liters:	Not reported
Ounces:	Not reported
Pints:	Not reported
Quarts:	Not reported
Sheen:	Not reported
Tons:	Not reported

(Continued) **S100274981**

Unknown:	Not reported
Description:	Not reported
Evacuations:	Not reported
Number of Injuries:	Not reported
Number of Fatalities:	Not reported

---

120 **A Q S** **HAZNET** **S102822764**
South **576 SYCAMORE DRIVE** **N/A**
1/2-1 **MILPITAS, CA 95035**
3491 ft.

Relative:
Higher

Actual:
30 ft.

HAZNET:

Gepaid:	CAL000130046
Contact:	JOHN LEE
Telephone:	0000000000
Facility Addr2:	Not reported
Mailing Name:	Not reported
Mailing Address:	576 SYCAMORE DR
Mailing City,St,Zip:	MILPITAS, CA 950357412
Gen County:	Santa Clara
TSD EPA ID:	CAD003963592
TSD County:	Santa Clara
Waste Category:	Other inorganic solid waste
Disposal Method:	Recycler
Tons:	2.7000
Facility County:	Santa Clara

---

121 **290 SPENCE AVE** **ERNS** **8714060**
NNE **290 SPENCE AVE** **N/A**
1/2-1 **MILPITAS, CA**
3502 ft.

Relative:
Lower

Actual:
15 ft.

Click this hyperlink while viewing on your computer to access additional ERNS detail in the EDR Site Report.

V122 **CHMIRS** **S100218280**
East **224 E. CURTIS** **N/A**
1/2-1 **MILPITAS, CA 95035**
3513 ft.

Site 1 of 6 in cluster V

Relative:
Higher

Actual:
28 ft.

CHMIRS:

OES Incident Number:	8910153
OES notification:	Not reported
OES Date:	Not reported
OES Time:	Not reported
Incident Date:	24-FEB-89
Date Completed:	**24-FEB-89**
Property Use:	950
Agency Id Number:	43030
Agency Incident Number:	89-4019F
Time Notified:	1254

(Continued) **S100218280**

Time Completed:	1420
Surrounding Area:	600
Estimated Temperature:	60
Property Management:	C
Special Studies 1:	Not reported
Special Studies 2:	Not reported
Special Studies 3:	Not reported
Special Studies 4:	Not reported
Special Studies 5:	Not reported
Special Studies 6:	Not reported
More Than Two Substances Involved?:	N
Resp Agncy Personel # Of Decontaminated:	0
Responding Agency Personel # Of Injuries:	0
Responding Agency Personel # Of Fatalities:	0
Others Number Of Decontaminated:	0
Others Number Of Injuries:	0
Others Number Of Fatalities:	0
Vehicle Make/year:	Not reported
Vehicle License Number:	Not reported
Vehicle State:	Not reported
Vehicle Id Number:	Not reported
CA/DOT/PUC/ICC Number:	Not reported
Company Name:	Not reported
Reporting Officer Name/ID:	RICHARD A. JENKINS C-15
Report Date:	24-FEB-89
Comments:	Not reported
Facility Telephone:	408 945-5785
Waterway Involved:	Not reported
Waterway:	Not reported
Spill Site:	Not reported
Cleanup By:	Not reported
Containment:	Not reported
What Happened:	Not reported
Type:	Not reported
Measure:	Not reported
Other:	Not reported
Date/Time:	Not reported
Year:	88-92
Agency:	Not reported
Incident Date:	Not reported
Admin Agency:	Not reported
Amount:	Not reported
Contained:	Not reported
Site Type:	Not reported
E Date:	04-MAY-90
Substance:	Not reported
Quantity Released:	Not reported
BBLS:	Not reported
Cups:	Not reported
CUFT:	Not reported
Gallons:	Not reported
Grams:	Not reported
Pounds:	Not reported
Liters:	Not reported
Ounces:	Not reported
Pints:	Not reported
Quarts:	Not reported

(Continued) **S100218280**

Sheen:	Not reported
Tons:	Not reported
Unknown:	Not reported
Description:	Not reported
Evacuations:	Not reported
Number of Injuries:	Not reported
Number of Fatalities:	Not reported

V123 **FRE-MAC** **HAZNET** **S106094171**
East **224 CURTIS AVENUE** **N/A**
1/2-1 **MILPITAS, CA 95035**
3513 ft.

Site 2 of 6 in cluster V

Relative:
Higher

Actual:
28 ft.

HAZNET:

Gepaid:	CAL913314827
Contact:	MATT MCDONALD/MANAGER
Telephone:	4082633545
Facility Addr2:	Not reported
Mailing Name:	Not reported
Mailing Address:	PO BOX 361895
Mailing City,St,Zip:	MILPITAS, CA 950361895
Gen County:	Santa Clara
TSD EPA ID:	Not reported
TSD County:	Santa Clara
Waste Category:	Aqueous solution with less than 10% total organic residues
Disposal Method:	Recycler
Tons:	0.12
Facility County:	Not reported

Gepaid:	CAL913314827
Contact:	MATT MCDONALD/MANAGER
Telephone:	4082633545
Facility Addr2:	Not reported
Mailing Name:	Not reported
Mailing Address:	PO BOX 361895
Mailing City,St,Zip:	MILPITAS, CA 950361895
Gen County:	Santa Clara
TSD EPA ID:	Not reported
TSD County:	Santa Clara
Waste Category:	Waste oil and mixed oil
Disposal Method:	Recycler
Tons:	0.12
Facility County:	Not reported

V124 **224 CURTIS AVENUE** **ERNS** **2003637839**
East **224 CURTIS AVENUE** **N/A**
1/2-1 **MILPITAS, CA 95035**
3513 ft.

Site 3 of 6 in cluster V

Relative:
Higher

Actual:
28 ft.

Click this hyperlink while viewing on your computer to access additional ERNS detail in the EDR Site Report.

V125
East
1/2-1
3513 ft.

Relative:
Higher

Actual:
28 ft.

224 CURTIS AVE
MILPITAS, CA

Site 4 of 6 in cluster V

Click this hyperlink while viewing on your computer to access additional HMIRS detail in the EDR Site Report.

HMIRS **94101643**
N/A

V126
East
1/2-1
3513 ft.

Relative:
Higher

Actual:
28 ft.

UNION PACIFIC RAILROAD
224 CURTIS AVE
MILPITAS, CA 95035

Site 5 of 6 in cluster V

HAZNET **S105024972**
HIST LUST **N/A**
CA WDS

HAZNET:

Gepaid:	CAL000183494
Contact:	B NELSON-DIR EO WEST UNION
Telephone:	9167896370
Facility Addr2:	Not reported
Mailing Name:	Not reported
Mailing Address:	10031 FOOTHILLS BLVD
Mailing City,St,Zip:	ROSEVILLE, CA 957470000
Gen County:	Santa Clara
TSD EPA ID:	CAD981382732
TSD County:	Santa Clara
Waste Category:	Asbestos-containing waste
Disposal Method:	Disposal, Land Fill
Tons:	0.84
Facility County:	Santa Clara

Gepaid:	CAL000183494
Contact:	B NELSON-DIR EO WEST UNION
Telephone:	9167896370
Facility Addr2:	Not reported
Mailing Name:	Not reported
Mailing Address:	10031 FOOTHILLS BLVD
Mailing City,St,Zip:	ROSEVILLE, CA 957470000
Gen County:	Santa Clara
TSD EPA ID:	CAT080013352
TSD County:	Santa Clara
Waste Category:	Waste oil and mixed oil
Disposal Method:	Recycler
Tons:	0.16
Facility County:	Santa Clara

Gepaid:	CAL000183494
Contact:	B NELSON-DIR EO WEST UNION
Telephone:	9167896370
Facility Addr2:	Not reported
Mailing Name:	Not reported
Mailing Address:	10031 FOOTHILLS BLVD
Mailing City,St,Zip:	ROSEVILLE, CA 957470000
Gen County:	Santa Clara
TSD EPA ID:	CAT080033681
TSD County:	Santa Clara
Waste Category:	Contaminated soil from site clean-ups
Disposal Method:	Not reported
Tons:	0.75
Facility County:	Santa Clara

UNION PACIFIC RAILROAD (Continued) **S105024972**

HIST LUST:
Region: SANTA CLARA
SCVWD ID: 06S1E07Q01
Region Code: 2
Oversite Agency: SCVWD
Date Listed: 1985-01-01 00:00:00
Closed Date: 1996-07-08 00:00:00

CA WDS:
Facility ID: San Francisco Bay 43I007374
Facility Type: Industrial - Facility that treats and/or disposes of liquid or semisolid wastes from any servicing, producing, manufacturing or processing operation of whatever nature, including mining, gravel washing, geothermal operations, air conditioning, ship building and repairing, oil production, storage and disposal operations, water pumping.
Facility Status: Active - Any facility with a continuous or seasonal discharge that is under Waste Discharge Requirements.
NPDES Number: CAS000001 The 1st 2 characters designate the state. The remaining 7 are assigned by the Regional Board
Subregion: 2
Facility Telephone: 2099425219
Facility Contact: HISKEY, PAUL
Agency Name: UNION PACIFIC RAILROAD CO G
Agency Address: 1416 DODGE ST RM 930
Agency City,St,Zip: Omaha 681790002
Agency Contact: Lanny Schmid
Agency Telephone: 4022712262
Agency Type: Private
SIC Code: Not reported
SIC Code 2: Not reported
Primary Waste: Not reported
Primary Waste Type: Not reported
Secondary Waste: Not reported
Secondary Waste Type: Not reported
Design Flow: Not reported
Baseline Flow: Not reported
Reclamation: Not reported
POTW: Not reported
Treat To Water: Minor Threat to Water Quality. A violation of a regional board order should cause a relatively minor impairment of beneficial uses compared to a major or minor threat. Not: All nurds without a TTWQ will be considered a minor threat to water quality unless coded at a higher Level. A Zero (0) may be used to code those NURDS that are found to represent no threat to water quality.
Complexity: Category C - Facilities having no waste treatment systems, such as cooling water dischargers or thosewho must comply through best management practices, facilities with passive waste treatment and disposal systems, such as septic systems with subsurface disposal, or dischargers having waste storage systems with land disposal such as dairy waste ponds.

V127 **CHMIRS** **S105659512**
East **224 CURTIS AVE, MILPITAS RAILYARD, MPM 10.25** **N/A**
1/2-1 **MILPITAS, CA 68179**
3513 ft.

Site 6 of 6 in cluster V

Relative:
Higher

Actual:
28 ft.

CHMIRS:

OES Incident Number:	99-4362
OES notification:	10/14/199901:19:02 PM
OES Date:	Not reported
OES Time:	Not reported
Incident Date:	Not reported
Date Completed:	**Not reported**
Property Use:	Not reported
Agency Id Number:	Not reported
Agency Incident Number:	Not reported
Time Notified:	Not reported
Time Completed:	Not reported
Surrounding Area:	Not reported
Estimated Temperature:	Not reported
Property Management:	Not reported
Special Studies 1:	Not reported
Special Studies 2:	Not reported
Special Studies 3:	Not reported
Special Studies 4:	Not reported
Special Studies 5:	Not reported
Special Studies 6:	Not reported
More Than Two Substances Involved?:	Not reported
Resp Agncy Personel # Of Decontaminated:	Not reported
Responding Agency Personel # Of Injuries:	Not reported
Responding Agency Personel # Of Fatalities:	Not reported
Others Number Of Decontaminated:	Not reported
Others Number Of Injuries:	Not reported
Others Number Of Fatalities:	Not reported
Vehicle Make/year:	Not reported
Vehicle License Number:	Not reported
Vehicle State:	Not reported
Vehicle Id Number:	Not reported
CA/DOT/PUC/ICC Number:	Not reported
Company Name:	Not reported
Reporting Officer Name/ID:	Not reported
Report Date:	Not reported
Comments:	Not reported
Facility Telephone:	Not reported
Waterway Involved:	No
Waterway:	Not reported
Spill Site:	Not reported
Cleanup By:	Reporting Party
Containment:	Not reported
What Happened:	Not reported
Type:	Not reported
Measure:	Not reported
Other:	Not reported
Date/Time:	Not reported
Year:	1999
Agency:	Union Pacific RR
Incident Date:	10/14/199912:00:00 AM
Admin Agency:	Santa Clara County Health Department
Amount:	Not reported

(Continued) **S105659512**

Contained:	Yes
Site Type:	Rail Road
E Date:	Not reported
Substance:	N/A
Quantity Released:	Not reported
BBLS:	0
Cups:	0
CUFT:	0
Gallons:	0
Grams:	0
Pounds:	0
Liters:	0
Ounces:	0
Pints:	0
Quarts:	0
Sheen:	0
Tons:	0
Unknown:	0
Description:	Train Derailment: 5 auto rack cars derailed, cause under investigation, 4 upright but 1 on its' side No release. No injuries.
Evacuations:	0
Number of Injuries:	0
Number of Fatalities:	0

---

128 **INTERNATIONAL IMAGING SYSTEMS** **RCRA-SQG** **1000217036**
South **1500 BUCKEYE DR** **HAZNET** **CAD981449630**
1/2-1 **MILPITAS, CA 95035**
3594 ft.

Relative: Higher

Actual: 30 ft.

RCRAInfo:

Owner:	BANK OF AMERICA (415) 555-1212
EPA ID:	CAD981449630
Contact:	ENVIRONMENTAL MANAGER (408) 262-4444
Classification:	Small Quantity Generator
TSDF Activities:	Not reported

Violation Status: No violations found

HAZNET:

Gepaid:	CAD981449630
Contact:	INTERNATIONAL IMAGING SYSTEMS
Telephone:	4084323400
Facility Addr2:	Not reported
Mailing Name:	Not reported
Mailing Address:	1500 BUCKEYE DR
Mailing City,St,Zip:	MILPITAS, CA 950350000
Gen County:	Santa Clara
TSD EPA ID:	CAD009452657
TSD County:	San Mateo
Waste Category:	Halogenated solvents (chloroform, methyl chloride, perchloroethylene, etc.)
Disposal Method:	Recycler
Tons:	.2085
Facility County:	Santa Clara

129
NNE
1/2-1
3648 ft.

ABEL GRAPHICS, INC
60 S ABEL ST
MILPITAS, CA 95035

HAZNET **S103666190**
N/A

Relative:
Lower

Actual:
15 ft.

HAZNET:

Gepaid:	CAL000110199
Contact:	JEAN LIUDAHL PRESIDENT
Telephone:	4082634412
Facility Addr2:	Not reported
Mailing Name:	Not reported
Mailing Address:	60 S ABEL ST
Mailing City,St,Zip:	MILPITAS, CA 950350000
Gen County:	Santa Clara
TSD EPA ID:	CAD070148432
TSD County:	1
Waste Category:	Photochemicals/photoprocessing waste
Disposal Method:	Not reported
Tons:	.2502
Facility County:	Santa Clara

Gepaid:	CAL000110199
Contact:	JEAN LIUDAHL PRESIDENT
Telephone:	4082634412
Facility Addr2:	Not reported
Mailing Name:	Not reported
Mailing Address:	60 S ABEL ST
Mailing City,St,Zip:	MILPITAS, CA 950350000
Gen County:	Santa Clara
TSD EPA ID:	CAD070148432
TSD County:	1
Waste Category:	Photochemicals/photoprocessing waste
Disposal Method:	Treatment, Incineration
Tons:	.1876
Facility County:	Santa Clara

Gepaid:	CAL000110199
Contact:	JEAN LIUDAHL PRESIDENT
Telephone:	4082634412
Facility Addr2:	Not reported
Mailing Name:	Not reported
Mailing Address:	60 S ABEL ST
Mailing City,St,Zip:	MILPITAS, CA 950350000
Gen County:	Santa Clara
TSD EPA ID:	CAD003963592
TSD County:	Santa Clara
Waste Category:	Photochemicals/photoprocessing waste
Disposal Method:	Recycler
Tons:	.3544
Facility County:	Santa Clara

W130 **CHMIRS** **S105631007**
North **151 HEATH ST** **N/A**
1/2-1 **MILPITAS, CA**
3710 ft.

Site 1 of 2 in cluster W

Relative:
Lower

Actual:
17 ft.

CHMIRS:

OES Incident Number:	27793	
OES notification:	Not reported	
OES Date:	4/26/1993	
OES Time:	07:09:00 PM	
Incident Date:	Not reported	
Date Completed:	**Not reported**	
Property Use:	Not reported	
Agency Id Number:	Not reported	
Agency Incident Number:	Not reported	
Time Notified:	Not reported	
Time Completed:	Not reported	
Surrounding Area:	Not reported	
Estimated Temperature:	Not reported	
Property Management:	Not reported	
Special Studies 1:	Not reported	
Special Studies 2:	Not reported	
Special Studies 3:	Not reported	
Special Studies 4:	Not reported	
Special Studies 5:	Not reported	
Special Studies 6:	Not reported	
More Than Two Substances Involved?:		Not reported
Resp Agncy Personel # Of Decontaminated:		Not reported
Responding Agency Personel # Of Injuries:		Not reported
Responding Agency Personel # Of Fatalities:		Not reported
Others Number Of Decontaminated:		Not reported
Others Number Of Injuries:		Not reported
Others Number Of Fatalities:		Not reported
Vehicle Make/year:	Not reported	
Vehicle License Number:	Not reported	
Vehicle State:	Not reported	
Vehicle Id Number:	Not reported	
CA/DOT/PUC/ICC Number:	Not reported	
Company Name:	Not reported	
Reporting Officer Name/ID:	Not reported	
Report Date:	Not reported	
Comments:	Not reported	
Facility Telephone:	Not reported	
Waterway Involved:	Not reported	
Waterway:	Not reported	
Spill Site:	Not reported	
Cleanup By:	b f i	
Containment:	Not reported	
What Happened:	Not reported	
Type:	PETROLEUM	
Measure:	Not reported	
Other:	Not reported	
Date/Time:	Not reported	
Year:	1993	
Agency:	milpitas f.d.	
Incident Date:	08:18	
Admin Agency:	Not reported	
Amount:	2 gal	

(Continued) **S105631007**

Contained:	NO
Site Type:	Not reported
E Date:	Not reported
Substance:	motor oil
Quantity Released:	Not reported
BBLS:	Not reported
Cups:	Not reported
CUFT:	Not reported
Gallons:	Not reported
Grams:	Not reported
Pounds:	Not reported
Liters:	Not reported
Ounces:	Not reported
Pints:	Not reported
Quarts:	Not reported
Sheen:	Not reported
Tons:	Not reported
Unknown:	Not reported
Description:	3 cans were found by a trash dumpster at the above address
Evacuations:	Not reported
Number of Injuries:	Not reported
Number of Fatalities:	Not reported

W131 **151 HEATH ST** **ERNS** **93322237**
North **151 HEATH ST** **N/A**
1/2-1 **MILPITAS, CA 95035**
3710 ft.

Site 2 of 2 in cluster W

Relative:
Lower

Click this hyperlink while viewing on your computer to access additional ERNS detail in the EDR Site Report.

Actual:
17 ft.

X132 **CUPID BRIDAL** **HAZNET** **S100933443**
SE **1236 S ABEL ST** **N/A**
1/2-1 **MILPITAS, CA 95035**
3733 ft.

Site 1 of 3 in cluster X

Relative:
Higher

HAZNET:

Gepaid:	CAL000080581
Contact:	NEWBERRY STEVE
Telephone:	0000000000
Facility Addr2:	Not reported
Mailing Name:	Not reported
Mailing Address:	1236 S ABEL ST
Mailing City,St,Zip:	MILPITAS, CA 950350000
Gen County:	Santa Clara
TSD EPA ID:	CAD070148432
TSD County:	1
Waste Category:	Photochemicals/photoprocessing waste
Disposal Method:	Treatment, Incineration
Tons:	.1251
Facility County:	Santa Clara

Actual:
31 ft.

X133
SE
1/2-1
3737 ft.

Relative:
Higher

Actual:
31 ft.

MILPITAS CHIROPRACTIC & REHAB
1240 SOUTH ABEL ST
MILPITAS, CA 95035

Site 2 of 3 in cluster X

HAZNET **S103977757**
N/A

HAZNET:

Gepaid:	CAL000176874
Contact:	GREGORY MEISSNER DC
Telephone:	4082634747
Facility Addr2:	Not reported
Mailing Name:	Not reported
Mailing Address:	1240 SOUTH ABEL ST
Mailing City,St,Zip:	MILPITAS, CA 950350000
Gen County:	Santa Clara
TSD EPA ID:	CAL922955281
TSD County:	Santa Clara
Waste Category:	Photochemicals/photoprocessing waste
Disposal Method:	Recycler
Tons:	.0500
Facility County:	Santa Clara

Gepaid:	CAL000176874
Contact:	GREGORY MEISSNER DC
Telephone:	4082634747
Facility Addr2:	Not reported
Mailing Name:	Not reported
Mailing Address:	1240 SOUTH ABEL ST
Mailing City,St,Zip:	MILPITAS, CA 950350000
Gen County:	Santa Clara
TSD EPA ID:	CAL922955281
TSD County:	Santa Clara
Waste Category:	Photochemicals/photoprocessing waste
Disposal Method:	Recycler
Tons:	.0542
Facility County:	Santa Clara

X134
SE
1/2-1
3737 ft.

Relative:
Higher

Actual:
31 ft.

MILPITAS HEALTHLINK MEDICAL GROUP INC
1240 SOUTH ABEL ST
MILPITAS, CA 95035

Site 3 of 3 in cluster X

HAZNET **S104579873**
N/A

HAZNET:

Gepaid:	CAL000160489
Contact:	A M TRAN DC & TRANG NGUYEN MD
Telephone:	0000000000
Facility Addr2:	Not reported
Mailing Name:	Not reported
Mailing Address:	1240 S ABEL ST
Mailing City,St,Zip:	MILPITAS, CA 950350000
Gen County:	Santa Clara
TSD EPA ID:	CAL922955228
TSD County:	0
Waste Category:	Photochemicals/photoprocessing waste
Disposal Method:	Recycler
Tons:	.0625
Facility County:	Santa Clara

Gepaid:	CAL000160489

MILPITAS HEALTHLINK MEDICAL GROUP INC (Continued) **S104579873**

Contact:	A M TRAN DC & TRANG NGUYEN MD
Telephone:	0000000000
Facility Addr2:	Not reported
Mailing Name:	Not reported
Mailing Address:	1240 S ABEL ST
Mailing City,St,Zip:	MILPITAS, CA 950350000
Gen County:	Santa Clara
TSD EPA ID:	CAL922955228
TSD County:	0
Waste Category:	Photochemicals/photoprocessing waste
Disposal Method:	Recycler
Tons:	0.0625
Facility County:	Santa Clara

Gepaid:	CAL000160489
Contact:	A M TRAN DC & TRANG NGUYEN MD
Telephone:	0000000000
Facility Addr2:	Not reported
Mailing Name:	Not reported
Mailing Address:	1240 S ABEL ST
Mailing City,St,Zip:	MILPITAS, CA 950350000
Gen County:	Santa Clara
TSD EPA ID:	CAL922955281
TSD County:	Santa Clara
Waste Category:	Photochemicals/photoprocessing waste
Disposal Method:	Recycler
Tons:	.0417
Facility County:	Santa Clara

Gepaid:	CAL000160489
Contact:	A M TRAN DC & TRANG NGUYEN MD
Telephone:	0000000000
Facility Addr2:	Not reported
Mailing Name:	Not reported
Mailing Address:	1240 S ABEL ST
Mailing City,St,Zip:	MILPITAS, CA 950350000
Gen County:	Santa Clara
TSD EPA ID:	CAL922955281
TSD County:	Santa Clara
Waste Category:	Photochemicals/photoprocessing waste
Disposal Method:	Recycler
Tons:	.1375
Facility County:	Santa Clara

Click this hyperlink while viewing on your computer to access
-1 additional CA_HAZNET: record(s) in the EDR Site Report.

135
North
1/2-1
3789 ft.

MILPITAS USD
140 N ABBOTT AVE
MILPITAS, CA 95035

HAZNET **S103977763**
N/A

Relative:
Lower

Actual:
16 ft.

HAZNET:

Gepaid:	CAC001273424
Contact:	MUSD
Telephone:	0000000000
Facility Addr2:	Not reported
Mailing Name:	Not reported

MILPITAS USD (Continued) **S103977763**

Mailing Address: 1331 E CALAVERAS BLVD
Mailing City,St,Zip: MILPITAS, CA 950530000
Gen County: Santa Clara
TSD EPA ID: CAD028409019
TSD County: Los Angeles
Waste Category: Other organic solids
Disposal Method: Transfer Station
Tons: 2.5284
Facility County: Santa Clara

Y136 **MILPITAS CLEANERS** **RCRA-SQG** **1000347799**
NE **182 S MAIN ST** **HAZNET** **CAD981579196**
1/2-1 **MILPITAS, CA 95035** **CLEANERS**
3858 ft. **EMI**

Site 1 of 3 in cluster Y

Relative:
Lower

Actual:
18 ft.

RCRAInfo:
Owner: NOT REQUIRED
(415) 555-1212
EPA ID: CAD981579196
Contact: Not reported
Classification: Small Quantity Generator
TSDF Activities: Not reported
Violation Status: No violations found

HAZNET:
Gepaid: CAD981579196
Contact: MILPITAS CLEANERS
Telephone: 0000000000
Facility Addr2: Not reported
Mailing Name: Not reported
Mailing Address: PO BOX 360975
Mailing City,St,Zip: MILPITAS, CA 950360000
Gen County: Santa Clara
TSD EPA ID: CAT000613893
TSD County: Los Angeles
Waste Category: Liquids with halogenated organic compounds > 1000 mg/l
Disposal Method: Not reported
Tons: .1275
Facility County: Santa Clara

Gepaid: CAD981579196
Contact: MILPITAS CLEANERS
Telephone: 0000000000
Facility Addr2: Not reported
Mailing Name: Not reported
Mailing Address: PO BOX 360975
Mailing City,St,Zip: MILPITAS, CA 950360000
Gen County: Santa Clara
TSD EPA ID: CAT000613893
TSD County: Los Angeles
Waste Category: Liquids with halogenated organic compounds > 1000 mg/l
Disposal Method: Transfer Station
Tons: .7450
Facility County: Santa Clara

MILPITAS CLEANERS (Continued) **1000347799**

Gepaid:	CAD981579196
Contact:	MILPITAS CLEANERS
Telephone:	0000000000
Facility Addr2:	Not reported
Mailing Name:	Not reported
Mailing Address:	PO BOX 360975
Mailing City,St,Zip:	MILPITAS, CA 950360000
Gen County:	Santa Clara
TSD EPA ID:	CAT000613950
TSD County:	Sacramento
Waste Category:	Liquids with halogenated organic compounds > 1000 mg/l
Disposal Method:	Transfer Station
Tons:	.0300
Facility County:	Santa Clara

Gepaid:	CAD981579196
Contact:	MILPITAS CLEANERS
Telephone:	0000000000
Facility Addr2:	Not reported
Mailing Name:	Not reported
Mailing Address:	PO BOX 360975
Mailing City,St,Zip:	MILPITAS, CA 950360000
Gen County:	Santa Clara
TSD EPA ID:	CA0000084517
TSD County:	Sacramento
Waste Category:	Liquids with halogenated organic compounds > 1000 mg/l
Disposal Method:	Transfer Station
Tons:	.7775
Facility County:	Santa Clara

Gepaid:	CAD981579196
Contact:	MILPITAS CLEANERS
Telephone:	0000000000
Facility Addr2:	Not reported
Mailing Name:	Not reported
Mailing Address:	PO BOX 360975
Mailing City,St,Zip:	MILPITAS, CA 950360000
Gen County:	Santa Clara
TSD EPA ID:	CAO000084517
TSD County:	0
Waste Category:	Liquids with halogenated organic compounds > 1000 mg/l
Disposal Method:	Transfer Station
Tons:	.0300
Facility County:	Santa Clara

Click this hyperlink while viewing on your computer to access
6 additional CA_HAZNET: record(s) in the EDR Site Report.

CLEANERS:

EPA Id:	CAD981579196
NAICS Code:	Not reported
NAICS Description:	Not reported
SIC Code:	Not reported
SIC Description:	Not reported
Create Date:	04/10/1987
Facility Active:	No
Inactive Date:	6/30/1998

MILPITAS CLEANERS (Continued) **1000347799**

Facility Addr2:	Not reported
Mailing Name:	Not reported
Mailing Address:	PO BOX 360975
Mailing Address 2:	Not reported
Mailing State:	CA
Mailing Zip:	950360000
Region Code:	2
Owner Name:	MILPITAS CLEANERS
Owner Address:	182 S MAIN ST
Owner Address 2:	Not reported
Owner Telephone:	0000000000
Contact Name:	ANN CHITWOOD-DEACT V98 -PH
Contact Address:	PO BOX 360975
Contact Address 2:	Not reported
Contact Telephone:	4082620520

EMI:

Year:	1987
Carbon Monoxide Emissions Tons/Yr:	43
Air Basin:	SF
Facility ID:	3188
Air District Name:	BA
SIC Code:	7216
Air District Name:	BAY AREA AQMD
Community Health Air Pollution Info System:	Not reported
Consolidated Emission Reporting Rule:	Not reported
Total Organic Hydrocarbon Gases Tons/Yr:	3
Reactive Organic Gases Tons/Yr:	0
Carbon Monoxide Emissions Tons/Yr:	0
NOX - Oxides of Nitrogen Tons/Yr:	0
SOX - Oxides of Sulphur Tons/Yr:	0
Particulate Matter Tons/Yr:	0
Part. Matter 10 Micrometers & Smllr Tons/Yr:	0

Year:	1990
Carbon Monoxide Emissions Tons/Yr:	43
Air Basin:	SF
Facility ID:	3188
Air District Name:	BA
SIC Code:	7216
Air District Name:	BAY AREA AQMD
Community Health Air Pollution Info System:	Not reported
Consolidated Emission Reporting Rule:	Not reported
Total Organic Hydrocarbon Gases Tons/Yr:	3
Reactive Organic Gases Tons/Yr:	0
Carbon Monoxide Emissions Tons/Yr:	0
NOX - Oxides of Nitrogen Tons/Yr:	0
SOX - Oxides of Sulphur Tons/Yr:	0
Particulate Matter Tons/Yr:	0
Part. Matter 10 Micrometers & Smllr Tons/Yr:	0

Year:	1995
Carbon Monoxide Emissions Tons/Yr:	43
Air Basin:	SF
Facility ID:	3188
Air District Name:	BA
SIC Code:	7216

MILPITAS CLEANERS (Continued) **1000347799**

Air District Name:	BAY AREA AQMD
Community Health Air Pollution Info System:	Not reported
Consolidated Emission Reporting Rule:	Not reported
Total Organic Hydrocarbon Gases Tons/Yr:	1
Reactive Organic Gases Tons/Yr:	0
Carbon Monoxide Emissions Tons/Yr:	0
NOX - Oxides of Nitrogen Tons/Yr:	0
SOX - Oxides of Sulphur Tons/Yr:	0
Particulate Matter Tons/Yr:	0
Part. Matter 10 Micrometers & Smllr Tons/Yr:	0

Year:	1996
Carbon Monoxide Emissions Tons/Yr:	43
Air Basin:	SF
Facility ID:	3188
Air District Name:	BA
SIC Code:	7216
Air District Name:	BAY AREA AQMD
Community Health Air Pollution Info System:	Not reported
Consolidated Emission Reporting Rule:	Not reported
Total Organic Hydrocarbon Gases Tons/Yr:	1
Reactive Organic Gases Tons/Yr:	0
Carbon Monoxide Emissions Tons/Yr:	0
NOX - Oxides of Nitrogen Tons/Yr:	0
SOX - Oxides of Sulphur Tons/Yr:	0
Particulate Matter Tons/Yr:	0
Part. Matter 10 Micrometers & Smllr Tons/Yr:	0

Year:	1997
Carbon Monoxide Emissions Tons/Yr:	43
Air Basin:	SF
Facility ID:	3188
Air District Name:	BA
SIC Code:	7216
Air District Name:	BAY AREA AQMD
Community Health Air Pollution Info System:	Not reported
Consolidated Emission Reporting Rule:	Not reported
Total Organic Hydrocarbon Gases Tons/Yr:	0
Reactive Organic Gases Tons/Yr:	0
Carbon Monoxide Emissions Tons/Yr:	0
NOX - Oxides of Nitrogen Tons/Yr:	0
SOX - Oxides of Sulphur Tons/Yr:	0
Particulate Matter Tons/Yr:	0
Part. Matter 10 Micrometers & Smllr Tons/Yr:	0

Z137 **CHMIRS** **S100216853**
ESE **1100 S. MAIN ST** **N/A**
1/2-1 **MILPITAS, CA 95035**
3885 ft.

Site 1 of 5 in cluster Z

Relative: Higher

Actual: 31 ft.

CHMIRS:

OES Incident Number:	8904868
OES notification:	Not reported
OES Date:	Not reported
OES Time:	Not reported
Incident Date:	13-FEB-89
Date Completed:	**13-FEB-89**

(Continued) **S100216853**

Property Use:	700
Agency Id Number:	43030
Agency Incident Number:	89-3135
Time Notified:	1159
Time Completed:	1231
Surrounding Area:	600
Estimated Temperature:	Not reported
Property Management:	P
Special Studies 1:	Not reported
Special Studies 2:	Not reported
Special Studies 3:	Not reported
Special Studies 4:	Not reported
Special Studies 5:	Not reported
Special Studies 6:	Not reported
More Than Two Substances Involved?:	N
Resp Agncy Personel # Of Decontaminated:	0
Responding Agency Personel # Of Injuries:	0
Responding Agency Personel # Of Fatalities:	0
Others Number Of Decontaminated:	0
Others Number Of Injuries:	0
Others Number Of Fatalities:	0
Vehicle Make/year:	Not reported
Vehicle License Number:	Not reported
Vehicle State:	Not reported
Vehicle Id Number:	Not reported
CA/DOT/PUC/ICC Number:	Not reported
Company Name:	Not reported
Reporting Officer Name/ID:	LT JIM PALMER C-14
Report Date:	13-FEB-89
Comments:	Not reported
Facility Telephone:	408 942-2388
Waterway Involved:	Not reported
Waterway:	Not reported
Spill Site:	Not reported
Cleanup By:	Not reported
Containment:	Not reported
What Happened:	Not reported
Type:	Not reported
Measure:	Not reported
Other:	Not reported
Date/Time:	Not reported
Year:	88-92
Agency:	Not reported
Incident Date:	Not reported
Admin Agency:	Not reported
Amount:	Not reported
Contained:	Not reported
Site Type:	Not reported
E Date:	03-MAY-90
Substance:	Not reported
Quantity Released:	Not reported
BBLS:	Not reported
Cups:	Not reported
CUFT:	Not reported
Gallons:	Not reported
Grams:	Not reported
Pounds:	Not reported

(Continued) **S100216853**

Liters:	Not reported
Ounces:	Not reported
Pints:	Not reported
Quarts:	Not reported
Sheen:	Not reported
Tons:	Not reported
Unknown:	Not reported
Description:	Not reported
Evacuations:	Not reported
Number of Injuries:	Not reported
Number of Fatalities:	Not reported

Z138 **MFCO ASSOCIATES (CRYSTAL LAKE PARK)** **FTTS** **1008184855**
ESE **1100 S MAIN ST** **N/A**
1/2-1 **MILPITAS, CA 95035**
3885 ft.

Site 2 of 5 in cluster Z

Relative:
Higher

Actual:
31 ft.

FTTS:

Case Number:	Not reported
Docket Number:	09-87-0017
Complaint Issued:	01/29/1987
Complaint Closed:	/ /
Abatement Amount:	0.0000
Proposed Penalty:	80000.0000
Final Assessment:	15000.0000
Final Order Date:	06/21/1989
Close Date:	/ /
Violation:	PCB, Use, PCB, Label or Marking, PCB, Dispose, PCB, Failure to Maintain Records

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Z139 **FORD MOTOR CO SAN JOSE ASSEMBLY PLANT** **RCRA-SQG** **1000183680**
ESE **1100 SOUTH MAIN STREET** **HAZNET** **CAD028679462**
1/2-1 **MILPITAS, CA 95035**
3885 ft.

Site 3 of 5 in cluster Z

Relative:
Higher

Actual:
31 ft.

RCRAInfo:

Owner:	FORD MOTOR COMPANY
	(313) 594-0324
EPA ID:	CAD028679462
Contact:	Not reported
Classification:	Small Quantity Generator
TSDF Activities:	Not reported

Violation Status: No violations found

HAZNET:

Gepaid:	CAD028679462
Contact:	FORD MOTOR COMPANY
Telephone:	3135940324
Facility Addr2:	Not reported
Mailing Name:	Not reported
Mailing Address:	PO BOX 1101
Mailing City,St,Zip:	SAN JOSE, CA 951081101
Gen County:	Santa Clara
TSD EPA ID:	AZD982441263

FORD MOTOR CO SAN JOSE ASSEMBLY PLANT (Continued) **1000183680**

TSD County: 99
Waste Category: Hydrocarbon solvents (benzene, hexane, Stoddard, etc.)
Disposal Method: Treatment, Incineration
Tons: .4500
Facility County: Santa Clara

Gepaid: CAD028679462
Contact: FORD MOTOR COMPANY
Telephone: 3135940324
Facility Addr2: Not reported
Mailing Name: Not reported
Mailing Address: PO BOX 1101
Mailing City,St,Zip: SAN JOSE, CA 951081101
Gen County: Santa Clara
TSD EPA ID: CAD059494310
TSD County: Santa Clara
Waste Category: Other organic solids
Disposal Method: Transfer Station
Tons: 7.8750
Facility County: Santa Clara

Gepaid: CAD028679462
Contact: FORD MOTOR COMPANY
Telephone: 3135940324
Facility Addr2: Not reported
Mailing Name: Not reported
Mailing Address: PO BOX 1101
Mailing City,St,Zip: SAN JOSE, CA 951081101
Gen County: Santa Clara
TSD EPA ID: CAD059494310
TSD County: Santa Clara
Waste Category: Organic liquids with metals Alkaline solution (pH <UN-> 12.5) with metals (antimony, arsenic, barium, beryllium, cadmium, chromium, cobalt, copper, lead, mercury, molybdenum, nickel, selenium, silver, thallium, vanadium, and zinc)
Disposal Method: Disposal, Other
Tons: 2.7522
Facility County: Santa Clara

Gepaid: CAD028679462
Contact: FORD MOTOR COMPANY
Telephone: 3135940324
Facility Addr2: Not reported
Mailing Name: Not reported
Mailing Address: PO BOX 1101
Mailing City,St,Zip: SAN JOSE, CA 951081101
Gen County: Santa Clara
TSD EPA ID: CAD980675276
TSD County: Kern
Waste Category: Asbestos-containing waste
Disposal Method: Disposal, Land Fill
Tons: 13.4848
Facility County: Santa Clara

Gepaid: CAD028679462
Contact: FORD MOTOR COMPANY
Telephone: 3135940324
Facility Addr2: Not reported

FORD MOTOR CO SAN JOSE ASSEMBLY PLANT (Continued) **1000183680**

Mailing Name:	Not reported
Mailing Address:	PO BOX 1101
Mailing City,St,Zip:	SAN JOSE, CA 951081101
Gen County:	Santa Clara
TSD EPA ID:	CAD980675276
TSD County:	Kern
Waste Category:	Other inorganic solid waste
Disposal Method:	Disposal, Land Fill
Tons:	1.6856
Facility County:	Santa Clara

Click this hyperlink while viewing on your computer to access
2 additional CA_HAZNET: record(s) in the EDR Site Report.

Z140 **FORD MOTOR COMPANY** **ENVIROSTOR** **S101542294**
ESE **1100 SOUTH MAIN STREET** **N/A**
1/2-1 **MILPITAS, CA 95035**
3885 ft.

Site 4 of 5 in cluster Z

Relative:
Higher

Actual:
31 ft.

ENVIROSTOR:

Site Type:	Historical
Site Type Detailed:	* Historical
Acres:	Not reported
APN:	NONE SPECIFIED
NPL:	NO
Regulatory Agencies:	NONE SPECIFIED
Lead Agency:	NONE SPECIFIED
Program Manager:	Not reported
Supervisor:	Not reported
Division Branch:	North Coast
Envirostor ID:	43370007
Site Code:	Not reported
Assembly:	20
Senate:	10
Special Program:	Not reported
Status:	**Refer: RWQCB**
Status Date:	1990-02-01 00:00:00
Past Use:	NONE SPECIFIED
Potential COC:	10003, 10009
Confirmed COC:	NONE SPECIFIED
Potential Meda Affected:	NONE SPECIFIED
Restricted Use:	NO
Site Mgmt. Req.:	NONE SPECIFIED
Funding:	Not reported
Latitude:	37.4147222222222
Longitude:	-121.902222222222

CA ENVIROSTOR ALIAS:

Alias Type:	Calsites ID Number
Alias Project Name:	43370007
Alias Type:	EPA Identification Number
Alias Project Name:	CAD028679462

CA ENVIROSTOR COMPLETE:

Area Name:	PROJECT WIDE
Sub Area Name:	Not reported

FORD MOTOR COMPANY (Continued) **S101542294**

Document Type: Site Screening
Completed Date: / /
Comments: SITE SCREENING DONE SF BAY RWQCB WILL ISSUE A SITE CLEAN-UP ORDER. PENDING STATUS: SF BAY RWQCB LEAD AGENCY

Area Name: PROJECT WIDE
Sub Area Name: Not reported
Document Type: Site Screening
Completed Date: / /
Comments: SAMPLE RESULTS G/W CONTM FROM ORGANIC SOLVENTS, INCLUD- ING: BENZENE, VINYL CHLORIDE, 1,1- DICHLOROETHYLENE, NAPHTHALENE, ETHYL- BENZENE. SITE SCREENING DONE RCRA CLOSURE SITE, IN BOND EXPENDITURE PLAN. NO MITRE MODEL NEEDED. RWQCB LEAD. COMPLETE CO

CA ENVIROSTOR FUTURE:
Area Name: Not reported
Sub Area Name: Not reported
Document Type: Not reported
Due Date: Not reported

CA ENVIROSTOR SCHEDULE:
Area Name: Not reported
Sub Area Name: Not reported
Document Type: Not reported
Due Date: Not reported
Revised Date: Not reported

Z141 **CHMIRS** **S100277573**
ESE **1100 SOUTH MAIN STREET** **N/A**
1/2-1 **MILPITAS, CA 95035**
3885 ft.

Site 5 of 5 in cluster Z

Relative:
Higher

Actual:
31 ft.

CHMIRS:
OES Incident Number: 9116800
OES notification: Not reported
OES Date: Not reported
OES Time: Not reported
Incident Date: 10-MAY-91
Date Completed: 10-MAY-91
Property Use: 963
Agency Id Number: 43030
Agency Incident Number: 91-9943F
Time Notified: 1446
Time Completed: 1503
Surrounding Area: 962
Estimated Temperature: 65
Property Management: P
Special Studies 1: Not reported
Special Studies 2: Not reported
Special Studies 3: Not reported
Special Studies 4: Not reported
Special Studies 5: Not reported
Special Studies 6: Not reported
More Than Two Substances Involved?: N
Resp Agncy Personel # Of Decontaminated: 0

(Continued) **S100277573**

Responding Agency Personel # Of Injuries:	0
Responding Agency Personel # Of Fatalities:	0
Others Number Of Decontaminated:	0
Others Number Of Injuries:	0
Others Number Of Fatalities:	0
Vehicle Make/year:	INTERNATIONAL 1970
Vehicle License Number:	E759613
Vehicle State:	CA
Vehicle Id Number:	Not reported
CA/DOT/PUC/ICC Number:	Not reported
Company Name:	Not reported
Reporting Officer Name/ID:	CAPTAIN MICHAEL LOPEZ C12
Report Date:	10-MAY-91
Comments:	N
Facility Telephone:	408 942-2388
Waterway Involved:	Not reported
Waterway:	Not reported
Spill Site:	Not reported
Cleanup By:	Not reported
Containment:	Not reported
What Happened:	Not reported
Type:	Not reported
Measure:	Not reported
Other:	Not reported
Date/Time:	Not reported
Year:	88-92
Agency:	Not reported
Incident Date:	Not reported
Admin Agency:	Not reported
Amount:	Not reported
Contained:	Not reported
Site Type:	Not reported
E Date:	01-JUL-92
Substance:	Not reported
Quantity Released:	Not reported
BBLS:	Not reported
Cups:	Not reported
CUFT:	Not reported
Gallons:	Not reported
Grams:	Not reported
Pounds:	Not reported
Liters:	Not reported
Ounces:	Not reported
Pints:	Not reported
Quarts:	Not reported
Sheen:	Not reported
Tons:	Not reported
Unknown:	Not reported
Description:	Not reported
Evacuations:	Not reported
Number of Injuries:	Not reported
Number of Fatalities:	Not reported

142
ESE
1/2-1
3905 ft.

Relative:
Higher

Actual:
30 ft.

RITZ CAMERA #559
168 GREAT MALL DR
MILPITAS, CA 95035

HAZNET **S103635133**
N/A

HAZNET:

Gepaid:	CAL000116930
Contact:	RITZ CAMERA CENTERS INC
Telephone:	3014190000
Facility Addr2:	Not reported
Mailing Name:	Not reported
Mailing Address:	6711 RITZ WAY
Mailing City,St,Zip:	BELTSVILLE, MD 207051318
Gen County:	Santa Clara
TSD EPA ID:	CAD003963592
TSD County:	Santa Clara
Waste Category:	Photochemicals/photoprocessing waste
Disposal Method:	Recycler
Tons:	3.8781
Facility County:	Santa Clara

Gepaid:	CAL000116930
Contact:	TOM KELLY-OPERATIONS
Telephone:	3014190000
Facility Addr2:	Not reported
Mailing Name:	Not reported
Mailing Address:	6711 RITZ WAY
Mailing City,St,Zip:	BELTSVILLE, MD 207051318
Gen County:	Santa Clara
TSD EPA ID:	Not reported
TSD County:	Santa Clara
Waste Category:	Photochemicals/photoprocessing waste
Disposal Method:	Recycler
Tons:	3.62
Facility County:	Not reported

Gepaid:	CAL000116930
Contact:	RITZ CAMERA CENTERS INC
Telephone:	3014190000
Facility Addr2:	Not reported
Mailing Name:	Not reported
Mailing Address:	6711 RITZ WAY
Mailing City,St,Zip:	BELTSVILLE, MD 207051318
Gen County:	Santa Clara
TSD EPA ID:	CAD003963592
TSD County:	Santa Clara
Waste Category:	Photochemicals/photoprocessing waste
Disposal Method:	Recycler
Tons:	3.19
Facility County:	Santa Clara

Gepaid:	CAL000116930
Contact:	RITZ CAMERA CENTERS INC
Telephone:	3014190000
Facility Addr2:	Not reported
Mailing Name:	Not reported
Mailing Address:	6711 RITZ WAY
Mailing City,St,Zip:	BELTSVILLE, MD 207051318
Gen County:	Santa Clara

RITZ CAMERA #559 (Continued) **S103635133**

TSD EPA ID: CAD003963592
TSD County: Santa Clara
Waste Category: Photochemicals/photoprocessing waste
Disposal Method: Recycler
Tons: 3.7112
Facility County: Santa Clara

Gepaid: CAL000116930
Contact: RITZ CAMERA CENTERS INC
Telephone: 3014190000
Facility Addr2: Not reported
Mailing Name: Not reported
Mailing Address: 6711 RITZ WAY
Mailing City,St,Zip: BELTSVILLE, MD 207051318
Gen County: Santa Clara
TSD EPA ID: CAD003963592
TSD County: Santa Clara
Waste Category: Metal sludge - Alkaline solution (pH <UN-> 12.5) with metals (antimony, arsenic, barium, beryllium, cadmium, chromium, cobalt, copper, lead, mercury, molybdenum, nickel, selenium, silver, thallium, vanadium, and zinc)
Disposal Method: Recycler
Tons: .0050
Facility County: Santa Clara

Click this hyperlink while viewing on your computer to access
7 additional CA_HAZNET: record(s) in the EDR Site Report.

Y143
NE
1/2-1
3910 ft.

Relative:
Lower

Actual:
18 ft.

JERRY GLASS DDS **HAZNET** **S103971983**
151 SOUTH MAIN **N/A**
MILPITAS, CA 95035

Site 2 of 3 in cluster Y

HAZNET:
Gepaid: CAL000147260
Contact: JERRY GLASS DDS
Telephone: 0000000000
Facility Addr2: Not reported
Mailing Name: Not reported
Mailing Address: 151 SOUTH MAIN
Mailing City,St,Zip: MILPITAS, CA 950350000
Gen County: Santa Clara
TSD EPA ID: CAL000082530
TSD County: Santa Clara
Waste Category: Photochemicals/photoprocessing waste
Disposal Method: Treatment, Tank
Tons: .0208
Facility County: Santa Clara

Gepaid: CAL000147260
Contact: JERRY GLASS DDS
Telephone: 0000000000
Facility Addr2: Not reported
Mailing Name: Not reported
Mailing Address: 151 SOUTH MAIN
Mailing City,St,Zip: MILPITAS, CA 950350000
Gen County: Santa Clara
TSD EPA ID: CAL000082530

JERRY GLASS DDS (Continued) **S103971983**

TSD County:	Santa Clara
Waste Category:	Not reported
Disposal Method:	Treatment, Tank
Tons:	.0000
Facility County:	Santa Clara
Gepaid:	CAL000147260
Contact:	JERRY GLASS DDS
Telephone:	0000000000
Facility Addr2:	Not reported
Mailing Name:	Not reported
Mailing Address:	151 SOUTH MAIN
Mailing City,St,Zip:	MILPITAS, CA 950350000
Gen County:	Santa Clara
TSD EPA ID:	CAL000082530
TSD County:	Santa Clara
Waste Category:	Unspecified organic liquid mixture
Disposal Method:	Treatment, Tank
Tons:	.0083
Facility County:	Santa Clara
Gepaid:	CAL000147260
Contact:	JERRY GLASS DDS
Telephone:	0000000000
Facility Addr2:	Not reported
Mailing Name:	Not reported
Mailing Address:	151 SOUTH MAIN
Mailing City,St,Zip:	MILPITAS, CA 950350000
Gen County:	Santa Clara
TSD EPA ID:	CAL000082530
TSD County:	Santa Clara
Waste Category:	Not reported
Disposal Method:	Treatment, Tank
Tons:	0
Facility County:	Santa Clara
Gepaid:	CAL000147260
Contact:	JERRY GLASS DDS
Telephone:	0000000000
Facility Addr2:	Not reported
Mailing Name:	Not reported
Mailing Address:	151 SOUTH MAIN
Mailing City,St,Zip:	MILPITAS, CA 950350000
Gen County:	Santa Clara
TSD EPA ID:	CAL000082530
TSD County:	Santa Clara
Waste Category:	Unspecified organic liquid mixture
Disposal Method:	Treatment, Tank
Tons:	0.0166
Facility County:	Santa Clara

Click this hyperlink while viewing on your computer to access
13 additional CA_HAZNET: record(s) in the EDR Site Report.

Y144
NE
1/2-1
3915 ft.

COED HONDA
166 S MAIN ST
MILPITAS, CA 95035

HAZNET **S103634879**
N/A

Site 3 of 3 in cluster Y

Relative:
Lower

Actual:
18 ft.

HAZNET:

Gepaid:	CAL000013539
Contact:	ARNIE RICKETTS PARTNER
Telephone:	0000000000
Facility Addr2:	Not reported
Mailing Name:	Not reported
Mailing Address:	166 S MAIN ST
Mailing City,St,Zip:	MILPITAS, CA 950350000
Gen County:	Santa Clara
TSD EPA ID:	CAD088838222
TSD County:	Santa Cruz
Waste Category:	Unspecified aqueous solution
Disposal Method:	Recycler
Tons:	.3127
Facility County:	Santa Clara

AA145
NNE
1/2-1
3918 ft.

205 WEST CALAVERAS BLVD
MILPITAS, CA 95035

CHMIRS **S100277825**
N/A

Site 1 of 4 in cluster AA

Relative:
Lower

Actual:
13 ft.

CHMIRS:

OES Incident Number:	9117792
OES notification:	Not reported
OES Date:	Not reported
OES Time:	Not reported
Incident Date:	04-JUN-91
Date Completed:	**04-JUN-91**
Property Use:	500
Agency Id Number:	43030
Agency Incident Number:	91-14541F
Time Notified:	943
Time Completed:	957
Surrounding Area:	963
Estimated Temperature:	75
Property Management:	P
Special Studies 1:	Not reported
Special Studies 2:	Not reported
Special Studies 3:	Not reported
Special Studies 4:	Not reported
Special Studies 5:	Not reported
Special Studies 6:	Not reported
More Than Two Substances Involved?:	N
Resp Agncy Personel # Of Decontaminated:	0
Responding Agency Personel # Of Injuries:	0
Responding Agency Personel # Of Fatalities:	0
Others Number Of Decontaminated:	0
Others Number Of Injuries:	0
Others Number Of Fatalities:	0
Vehicle Make/year:	Not reported
Vehicle License Number:	Not reported
Vehicle State:	Not reported
Vehicle Id Number:	Not reported

(Continued) **S100277825**

CA/DOT/PUC/ICC Number:	Not reported
Company Name:	Not reported
Reporting Officer Name/ID:	LT. R. MOSS C17
Report Date:	04-JUN-91
Comments:	Y
Facility Telephone:	408 942-2388
Waterway Involved:	Not reported
Waterway:	Not reported
Spill Site:	Not reported
Cleanup By:	Not reported
Containment:	Not reported
What Happened:	Not reported
Type:	Not reported
Measure:	Not reported
Other:	Not reported
Date/Time:	Not reported
Year:	88-92
Agency:	Not reported
Incident Date:	Not reported
Admin Agency:	Not reported
Amount:	Not reported
Contained:	Not reported
Site Type:	Not reported
E Date:	08-JUL-92
Substance:	Not reported
Quantity Released:	Not reported
BBLS:	Not reported
Cups:	Not reported
CUFT:	Not reported
Gallons:	Not reported
Grams:	Not reported
Pounds:	Not reported
Liters:	Not reported
Ounces:	Not reported
Pints:	Not reported
Quarts:	Not reported
Sheen:	Not reported
Tons:	Not reported
Unknown:	Not reported
Description:	Not reported
Evacuations:	Not reported
Number of Injuries:	Not reported
Number of Fatalities:	Not reported

AB146 **QUANTUM CORP-BUILDING 11** **HAZNET** **S103983205**
South **715 SYCAMORE** **EMI** **N/A**
1/2-1 **MILPITAS, CA 95035**
3927 ft.

Site 1 of 4 in cluster AB

Relative: Higher

Actual: 29 ft.

HAZNET:

Gepaid:	CAL000057814
Contact:	QUANTUM CORP
Telephone:	4088944878
Facility Addr2:	Not reported
Mailing Name:	Not reported
Mailing Address:	500 MCCARTHY BLVD
Mailing City,St,Zip:	MILPITAS, CA 950350000

QUANTUM CORP-BUILDING 11 (Continued) **S103983205**

Gen County: Santa Clara
TSD EPA ID: CAD009452657
TSD County: San Mateo
Waste Category: Oxygenated solvents (acetone, butanol, ethyl acetate, etc.)
Disposal Method: Disposal, Other
Tons: .2502
Facility County: Santa Clara

Gepaid: CAL000057814
Contact: QUANTUM CORP
Telephone: 4088944878
Facility Addr2: Not reported
Mailing Name: Not reported
Mailing Address: 500 MCCARTHY BLVD
Mailing City,St,Zip: MILPITAS, CA 950350000
Gen County: Santa Clara
TSD EPA ID: CAD009452657
TSD County: San Mateo
Waste Category: Liquids with halogenated organic compounds > 1000 mg/l
Disposal Method: Disposal, Other
Tons: 1.2093
Facility County: Santa Clara

Gepaid: CAL000057814
Contact: QUANTUM CORP
Telephone: 4088944878
Facility Addr2: Not reported
Mailing Name: Not reported
Mailing Address: 500 MCCARTHY BLVD
Mailing City,St,Zip: MILPITAS, CA 950350000
Gen County: Santa Clara
TSD EPA ID: CAT080014079
TSD County: 7
Waste Category: Other organic solids
Disposal Method: Transfer Station
Tons: 0.245
Facility County: Santa Clara

Gepaid: CAL000057814
Contact: QUANTUM CORP
Telephone: 4088944878
Facility Addr2: Not reported
Mailing Name: Not reported
Mailing Address: 500 MCCARTHY BLVD
Mailing City,St,Zip: MILPITAS, CA 950350000
Gen County: Santa Clara
TSD EPA ID: CAT080014079
TSD County: 7
Waste Category: Other inorganic solid waste
Disposal Method: Transfer Station
Tons: .0100
Facility County: Santa Clara

Click this hyperlink while viewing on your computer to access
-1 additional CA_HAZNET: record(s) in the EDR Site Report.

QUANTUM CORP-BUILDING 11 (Continued) **S103983205**

EMI:

Year:	1995
Carbon Monoxide Emissions Tons/Yr:	43
Air Basin:	SF
Facility ID:	6934
Air District Name:	BA
SIC Code:	3572
Air District Name:	BAY AREA AQMD
Community Health Air Pollution Info System:	Not reported
Consolidated Emission Reporting Rule:	Not reported
Total Organic Hydrocarbon Gases Tons/Yr:	1
Reactive Organic Gases Tons/Yr:	0
Carbon Monoxide Emissions Tons/Yr:	0
NOX - Oxides of Nitrogen Tons/Yr:	0
SOX - Oxides of Sulphur Tons/Yr:	0
Particulate Matter Tons/Yr:	0
Part. Matter 10 Micrometers & Smllr Tons/Yr:	0

Year:	1996
Carbon Monoxide Emissions Tons/Yr:	43
Air Basin:	SF
Facility ID:	6934
Air District Name:	BA
SIC Code:	3670
Air District Name:	BAY AREA AQMD
Community Health Air Pollution Info System:	Not reported
Consolidated Emission Reporting Rule:	Not reported
Total Organic Hydrocarbon Gases Tons/Yr:	0
Reactive Organic Gases Tons/Yr:	0
Carbon Monoxide Emissions Tons/Yr:	0
NOX - Oxides of Nitrogen Tons/Yr:	0
SOX - Oxides of Sulphur Tons/Yr:	0
Particulate Matter Tons/Yr:	0
Part. Matter 10 Micrometers & Smllr Tons/Yr:	0

Year:	1997
Carbon Monoxide Emissions Tons/Yr:	43
Air Basin:	SF
Facility ID:	6934
Air District Name:	BA
SIC Code:	3572
Air District Name:	BAY AREA AQMD
Community Health Air Pollution Info System:	Not reported
Consolidated Emission Reporting Rule:	Not reported
Total Organic Hydrocarbon Gases Tons/Yr:	1
Reactive Organic Gases Tons/Yr:	0
Carbon Monoxide Emissions Tons/Yr:	0
NOX - Oxides of Nitrogen Tons/Yr:	0
SOX - Oxides of Sulphur Tons/Yr:	0
Particulate Matter Tons/Yr:	0
Part. Matter 10 Micrometers & Smllr Tons/Yr:	0

Year:	1998
Carbon Monoxide Emissions Tons/Yr:	43
Air Basin:	SF
Facility ID:	6934
Air District Name:	BA

QUANTUM CORP-BUILDING 11 (Continued) **S103983205**

SIC Code:	3572
Air District Name:	BAY AREA AQMD
Community Health Air Pollution Info System:	Not reported
Consolidated Emission Reporting Rule:	Not reported
Total Organic Hydrocarbon Gases Tons/Yr:	1
Reactive Organic Gases Tons/Yr:	0
Carbon Monoxide Emissions Tons/Yr:	0
NOX - Oxides of Nitrogen Tons/Yr:	0
SOX - Oxides of Sulphur Tons/Yr:	0
Particulate Matter Tons/Yr:	0
Part. Matter 10 Micrometers & Smllr Tons/Yr:	0

Year:	1999
Carbon Monoxide Emissions Tons/Yr:	43
Air Basin:	SF
Facility ID:	6934
Air District Name:	BA
SIC Code:	3670
Air District Name:	BAY AREA AQMD
Community Health Air Pollution Info System:	Not reported
Consolidated Emission Reporting Rule:	Not reported
Total Organic Hydrocarbon Gases Tons/Yr:	1
Reactive Organic Gases Tons/Yr:	0
Carbon Monoxide Emissions Tons/Yr:	0
NOX - Oxides of Nitrogen Tons/Yr:	0
SOX - Oxides of Sulphur Tons/Yr:	0
Particulate Matter Tons/Yr:	0
Part. Matter 10 Micrometers & Smllr Tons/Yr:	0

Year:	2000
Carbon Monoxide Emissions Tons/Yr:	43
Air Basin:	SF
Facility ID:	6934
Air District Name:	BA
SIC Code:	3670
Air District Name:	BAY AREA AQMD
Community Health Air Pollution Info System:	Not reported
Consolidated Emission Reporting Rule:	Not reported
Total Organic Hydrocarbon Gases Tons/Yr:	1
Reactive Organic Gases Tons/Yr:	0
Carbon Monoxide Emissions Tons/Yr:	0
NOX - Oxides of Nitrogen Tons/Yr:	0
SOX - Oxides of Sulphur Tons/Yr:	0
Particulate Matter Tons/Yr:	0
Part. Matter 10 Micrometers & Smllr Tons/Yr:	0

AB147 **QUANTUM CORPORATION** **RCRA-SQG** **1000358113**
South **715 SYCAMORE DRIVE** **CAD980798326**
1/2-1 **MILPITAS, CA 95035**
3927 ft.

Site 2 of 4 in cluster AB

Relative:
Higher

Actual:
29 ft.

QUANTUM CORPORATION (Continued) **1000358113**

RCRAInfo:
Owner: NOT REQUIRED
(415) 555-1212
EPA ID: CAD980798326
Contact: Not reported
Classification: Small Quantity Generator
TSDF Activities: Not reported
Violation Status: No violations found

AB148 **ATARI INC.** **HAZNET** **S100855638**
South **715 SYCAMORE DR** **N/A**
1/2-1 **MILPITAS, CA 95035**
3927 ft.

Site 3 of 4 in cluster AB

Relative:
Higher

HAZNET:
Gepaid: CAD980798326
Contact: ATARI INC
Actual: Telephone: 4087452180
29 ft. Facility Addr2: Not reported
Mailing Name: Not reported
Mailing Address: 1265 BORREGAS AVE
Mailing City,St,Zip: SUNNYVALE, CA 940891308
Gen County: Santa Clara
TSD EPA ID: CAT080022148
TSD County: San Bernardino
Waste Category: Unspecified solvent mixture Waste
Disposal Method: Transfer Station
Tons: .1251
Facility County: Santa Clara

Gepaid: CAD980798326
Contact: ATARI INC
Telephone: 4087452180
Facility Addr2: Not reported
Mailing Name: Not reported
Mailing Address: 1265 BORREGAS AVE
Mailing City,St,Zip: SUNNYVALE, CA 940891308
Gen County: Santa Clara
TSD EPA ID: CAT080022148
TSD County: San Bernardino
Waste Category: Other inorganic solid waste
Disposal Method: Transfer Station
Tons: .0375
Facility County: Santa Clara

Gepaid: CAD980798326
Contact: ATARI INC
Telephone: 4087452180
Facility Addr2: Not reported
Mailing Name: Not reported
Mailing Address: 1265 BORREGAS AVE
Mailing City,St,Zip: SUNNYVALE, CA 940891308
Gen County: Santa Clara
TSD EPA ID: CAD059494310
TSD County: Santa Clara

ATARI INC. (Continued) **S100855638**

Waste Category:	Unspecified solvent mixture Waste
Disposal Method:	Disposal, Other
Tons:	.1251
Facility County:	Santa Clara
Gepaid:	CAD980798326
Contact:	ATARI INC
Telephone:	4087452180
Facility Addr2:	Not reported
Mailing Name:	Not reported
Mailing Address:	1265 BORREGAS AVE
Mailing City,St,Zip:	SUNNYVALE, CA 940891308
Gen County:	Santa Clara
TSD EPA ID:	NVT330010000
TSD County:	99
Waste Category:	Asbestos-containing waste
Disposal Method:	Not reported
Tons:	.0000
Facility County:	Santa Clara
Gepaid:	CAD980798326
Contact:	ATARI INC
Telephone:	4087452180
Facility Addr2:	Not reported
Mailing Name:	Not reported
Mailing Address:	1265 BORREGAS AVE
Mailing City,St,Zip:	SUNNYVALE, CA 940891308
Gen County:	Santa Clara
TSD EPA ID:	NVT330010000
TSD County:	99
Waste Category:	Unspecified solvent mixture Waste
Disposal Method:	Not reported
Tons:	.1251
Facility County:	Santa Clara

Click this hyperlink while viewing on your computer to access additional CA_HAZNET: detail in the EDR Site Report.

AB149
South
1/2-1
3953 ft.

Relative:
Higher

Actual:
29 ft.

CISCO SYSTEM **EMI** **S107620499**
755 SYCAMORE DRIVE **N/A**
MILPITAS, CA 95035

Site 4 of 4 in cluster AB

EMI:

Year:	2004
Carbon Monoxide Emissions Tons/Yr:	43
Air Basin:	SF
Facility ID:	12916
Air District Name:	BA
SIC Code:	3577
Air District Name:	BAY AREA AQMD
Community Health Air Pollution Info System:	Not reported
Consolidated Emission Reporting Rule:	Not reported
Total Organic Hydrocarbon Gases Tons/Yr:	0.01
Reactive Organic Gases Tons/Yr:	0.008367
Carbon Monoxide Emissions Tons/Yr:	0.027
NOX - Oxides of Nitrogen Tons/Yr:	0.124

CISCO SYSTEM (Continued) **S107620499**

SOX - Oxides of Sulphur Tons/Yr: 0.002
Particulate Matter Tons/Yr: 0.009
Part. Matter 10 Micrometers & Smllr Tons/Yr: 0.008784

150
NNE
1/2-1
3955 ft.

ABEL ST @ CALAVERAS BLVD **CHMIRS** **S100215528**
MILPITAS, CA **N/A**

Relative:
Lower

Actual:
13 ft.

CHMIRS:

OES Incident Number:	884029
OES notification:	Not reported
OES Date:	Not reported
OES Time:	Not reported
Incident Date:	05-DEC-88
Date Completed:	**05-DEC-88**
Property Use:	962
Agency Id Number:	43030
Agency Incident Number:	88-25819F
Time Notified:	1417
Time Completed:	1455
Surrounding Area:	500
Estimated Temperature:	68
Property Management:	C
Special Studies 1:	Not reported
Special Studies 2:	Not reported
Special Studies 3:	Not reported
Special Studies 4:	Not reported
Special Studies 5:	Not reported
Special Studies 6:	Not reported
More Than Two Substances Involved?:	N
Resp Agncy Personel # Of Decontaminated:	Not reported
Responding Agency Personel # Of Injuries:	Not reported
Responding Agency Personel # Of Fatalities:	Not reported
Others Number Of Decontaminated:	Not reported
Others Number Of Injuries:	Not reported
Others Number Of Fatalities:	Not reported
Vehicle Make/year:	Not reported
Vehicle License Number:	Not reported
Vehicle State:	Not reported
Vehicle Id Number:	Not reported
CA/DOT/PUC/ICC Number:	Not reported
Company Name:	B.F.I.
Reporting Officer Name/ID:	CAPT S. H. BROWN 19C-12
Report Date:	05-DEC-88
Comments:	Y
Facility Telephone:	408 942-2388
Waterway Involved:	Not reported
Waterway:	Not reported
Spill Site:	Not reported
Cleanup By:	Not reported
Containment:	Not reported
What Happened:	Not reported
Type:	Not reported
Measure:	Not reported
Other:	Not reported
Date/Time:	Not reported
Year:	88-92

(Continued) **S100215528**

Agency:	Not reported
Incident Date:	Not reported
Admin Agency:	Not reported
Amount:	Not reported
Contained:	Not reported
Site Type:	Not reported
E Date:	25-APR-89
Substance:	Not reported
Quantity Released:	Not reported
BBLS:	Not reported
Cups:	Not reported
CUFT:	Not reported
Gallons:	Not reported
Grams:	Not reported
Pounds:	Not reported
Liters:	Not reported
Ounces:	Not reported
Pints:	Not reported
Quarts:	Not reported
Sheen:	Not reported
Tons:	Not reported
Unknown:	Not reported
Description:	Not reported
Evacuations:	Not reported
Number of Injuries:	Not reported
Number of Fatalities:	Not reported

151
NE
1/2-1
3957 ft.

JOE MADRUGA
154 S MAIN ST
MILPITAS, CA 95035

HAZNET **S104566556**
N/A

Relative:
Lower

Actual:
18 ft.

HAZNET:

Gepaid:	CAC001323056
Contact:	JOE MADRUGA
Telephone:	2098327003
Facility Addr2:	Not reported
Mailing Name:	Not reported
Mailing Address:	305 GANDY DANCER RD
Mailing City,St,Zip:	TRACY, CA 953760000
Gen County:	Santa Clara
TSD EPA ID:	CAD981382732
TSD County:	1
Waste Category:	Asbestos-containing waste
Disposal Method:	Disposal, Land Fill
Tons:	1.6856
Facility County:	Santa Clara

AA152 **FAMILY DENTAL FITNESS** **HAZNET** **S103964018**
NNE **141 WEST CALAVERAS BLVD** **N/A**
1/2-1 **MILPITAS, CA 95035**
3969 ft.

Site 2 of 4 in cluster AA

Relative:
Lower

Actual:
13 ft.

HAZNET:

Gepaid:	CAL000102769
Contact:	FAMILY DENTAL FITNESS
Telephone:	0000000000
Facility Addr2:	Not reported
Mailing Name:	Not reported
Mailing Address:	141 WEST CALAVERAS BLVD
Mailing City,St,Zip:	MILPITAS, CA 950350000
Gen County:	Santa Clara
TSD EPA ID:	CAL000082530
TSD County:	Santa Clara
Waste Category:	Photochemicals/photoprocessing waste
Disposal Method:	Treatment, Tank
Tons:	.0834
Facility County:	Santa Clara

Gepaid:	CAL000102769
Contact:	FAMILY DENTAL FITNESS
Telephone:	0000000000
Facility Addr2:	Not reported
Mailing Name:	Not reported
Mailing Address:	141 WEST CALAVERAS BLVD
Mailing City,St,Zip:	MILPITAS, CA 950350000
Gen County:	Santa Clara
TSD EPA ID:	CAL000082530
TSD County:	Santa Clara
Waste Category:	Not reported
Disposal Method:	Treatment, Tank
Tons:	.0000
Facility County:	Santa Clara

Gepaid:	CAL000102769
Contact:	FAMILY DENTAL FITNESS
Telephone:	0000000000
Facility Addr2:	Not reported
Mailing Name:	Not reported
Mailing Address:	141 WEST CALAVERAS BLVD
Mailing City,St,Zip:	MILPITAS, CA 950350000
Gen County:	Santa Clara
TSD EPA ID:	CAL000082530
TSD County:	Santa Clara
Waste Category:	Not reported
Disposal Method:	Treatment, Tank
Tons:	0
Facility County:	Santa Clara

Gepaid:	CAL000102769
Contact:	FAMILY DENTAL FITNESS
Telephone:	0000000000
Facility Addr2:	Not reported
Mailing Name:	Not reported
Mailing Address:	141 WEST CALAVERAS BLVD
Mailing City,St,Zip:	MILPITAS, CA 950350000

FAMILY DENTAL FITNESS (Continued) **S103964018**

Gen County:	Santa Clara
TSD EPA ID:	CAL000082530
TSD County:	Santa Clara
Waste Category:	Photochemicals/photoprocessing waste
Disposal Method:	Treatment, Tank
Tons:	0.0417
Facility County:	Santa Clara

Gepaid:	CAL000102769
Contact:	FAMILY DENTAL FITNESS
Telephone:	0000000000
Facility Addr2:	Not reported
Mailing Name:	Not reported
Mailing Address:	141 WEST CALAVERAS BLVD
Mailing City,St,Zip:	MILPITAS, CA 950350000
Gen County:	Santa Clara
TSD EPA ID:	CAL000212588
TSD County:	Santa Clara
Waste Category:	Unspecified organic liquid mixture
Disposal Method:	Not reported
Tons:	.0083
Facility County:	Santa Clara

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3 additional CA_HAZNET: record(s) in the EDR Site Report.

153
SSE
1/2-1
3980 ft.

NB 880 AT GIBBONS CT
MILPITAS, CA 95035

CHMIRS **S100275306**
N/A

Relative:
Higher

Actual:
33 ft.

CHMIRS:

OES Incident Number:	8910233
OES notification:	Not reported
OES Date:	Not reported
OES Time:	Not reported
Incident Date:	25-MAR-89
Date Completed:	**25-MAR-89**
Property Use:	400
Agency Id Number:	43030
Agency Incident Number:	89-6345F
Time Notified:	1200
Time Completed:	1227
Surrounding Area:	400
Estimated Temperature:	60
Property Management:	C
Special Studies 1:	Not reported
Special Studies 2:	Not reported
Special Studies 3:	Not reported
Special Studies 4:	Not reported
Special Studies 5:	Not reported
Special Studies 6:	Not reported
More Than Two Substances Involved?:	N
Resp Agncy Personel # Of Decontaminated:	0
Responding Agency Personel # Of Injuries:	0
Responding Agency Personel # Of Fatalities:	0
Others Number Of Decontaminated:	0
Others Number Of Injuries:	0

(Continued) **S100275306**

Others Number Of Fatalities:	0
Vehicle Make/year:	MONTE CARLO 1978
Vehicle License Number:	1BXA689
Vehicle State:	CA
Vehicle Id Number:	Not reported
CA/DOT/PUC/ICC Number:	Not reported
Company Name:	Not reported
Reporting Officer Name/ID:	PAUL BRENNER F-8
Report Date:	25-MAR-89
Comments:	Not reported
Facility Telephone:	408 945-5785
Waterway Involved:	Not reported
Waterway:	Not reported
Spill Site:	Not reported
Cleanup By:	Not reported
Containment:	Not reported
What Happened:	Not reported
Type:	Not reported
Measure:	Not reported
Other:	Not reported
Date/Time:	Not reported
Year:	88-92
Agency:	Not reported
Incident Date:	Not reported
Admin Agency:	Not reported
Amount:	Not reported
Contained:	Not reported
Site Type:	Not reported
E Date:	08-MAY-90
Substance:	Not reported
Quantity Released:	Not reported
BBLS:	Not reported
Cups:	Not reported
CUFT:	Not reported
Gallons:	Not reported
Grams:	Not reported
Pounds:	Not reported
Liters:	Not reported
Ounces:	Not reported
Pints:	Not reported
Quarts:	Not reported
Sheen:	Not reported
Tons:	Not reported
Unknown:	Not reported
Description:	Not reported
Evacuations:	Not reported
Number of Injuries:	Not reported
Number of Fatalities:	Not reported

AC154 **PACIFIC BELL** **RCRA-SQG** **1000251571**
NNE **L2N MILPITAS AVENUE** **CAT080024714**
1/2-1 **MILPITAS, CA 95035**
4005 ft.

Site 1 of 5 in cluster AC

Relative:
Lower

RCRAInfo:
Owner: NOT REQUIRED
(415) 555-1212
EPA ID: CAT080024714

Actual:
14 ft.

Contact: Not reported

Classification: Small Quantity Generator
TSDF Activities: Not reported

Violation Status: No violations found

AA155 **TOSCO CORPORATION STATION #31166** **HAZNET** **S103992150**
NNE **190 W CALAVERAS BLVD** **N/A**
1/2-1 **MILPITAS, CA 95035**
4010 ft.

Site 3 of 4 in cluster AA

Relative:
Lower

HAZNET:

Gepaid:	CAL000179327
Contact:	TOSCO MARKETING
Telephone:	6027284180
Facility Addr2:	Not reported
Mailing Name:	Not reported
Mailing Address:	P O BOX 52085
Mailing City,St,Zip:	PHOENIX, AZ 850722085
Gen County:	Santa Clara
TSD EPA ID:	CAD009452657
TSD County:	San Mateo
Waste Category:	Waste oil and mixed oil
Disposal Method:	Recycler
Tons:	.0834
Facility County:	Santa Clara

Actual:
13 ft.

Gepaid:	CAL000179327
Contact:	HAZMAT SPECIALIST
Telephone:	6027284180
Facility Addr2:	Not reported
Mailing Name:	Not reported
Mailing Address:	PO BOX 52085
Mailing City,St,Zip:	PHOENIX, AZ 850722085
Gen County:	Santa Clara
TSD EPA ID:	Not reported
TSD County:	Los Angeles
Waste Category:	Aqueous solution with less than 10% total organic residues
Disposal Method:	Treatment, Tank
Tons:	0.42
Facility County:	Not reported

Gepaid:	CAL000179327
Contact:	HAZMAT SPECIALIST
Telephone:	6027284180
Facility Addr2:	Not reported
Mailing Name:	Not reported
Mailing Address:	PO BOX 52085

TOSCO CORPORATION STATION #31166 (Continued) **S103992150**

Mailing City,St,Zip:	PHOENIX, AZ 850722085
Gen County:	Santa Clara
TSD EPA ID:	Not reported
TSD County:	Los Angeles
Waste Category:	Oil/water separation sludge
Disposal Method:	Treatment, Tank
Tons:	0.12
Facility County:	Not reported

Gepaid:	CAL000179327
Contact:	TOSCO MARKETING
Telephone:	6027284180
Facility Addr2:	Not reported
Mailing Name:	Not reported
Mailing Address:	P O BOX 52085
Mailing City,St,Zip:	PHOENIX, AZ 850722085
Gen County:	Santa Clara
TSD EPA ID:	CAD009452657
TSD County:	San Mateo
Waste Category:	Aqueous solution with 10% or more total organic residues
Disposal Method:	Recycler
Tons:	.4587
Facility County:	Santa Clara

Gepaid:	CAL000179327
Contact:	HAZMAT SPECIALIST
Telephone:	6027284180
Facility Addr2:	Not reported
Mailing Name:	Not reported
Mailing Address:	PO BOX 52085
Mailing City,St,Zip:	PHOENIX, AZ 850722085
Gen County:	Santa Clara
TSD EPA ID:	Not reported
TSD County:	San Mateo
Waste Category:	Aqueous solution with 10% or more total organic residues
Disposal Method:	Recycler
Tons:	0.03
Facility County:	Not reported

Click this hyperlink while viewing on your computer to access
1 additional CA_HAZNET: record(s) in the EDR Site Report.

AA156 **UNOCAL SS#6397** **HAZNET** **S101594474**
NNE **190 W CALAVERAS BLVD** **N/A**
1/2-1 **MILPITAS, CA 95035**
4010 ft.

Site 4 of 4 in cluster AA

Relative: Lower

Actual: 13 ft.

HAZNET:

Gepaid:	CAD982059156
Contact:	UNION OIL COMPANY OF CALIFORNI
Telephone:	7144286560
Facility Addr2:	Not reported
Mailing Name:	Not reported
Mailing Address:	PO BOX 25376
Mailing City,St,Zip:	SANTA ANA, CA 927995376
Gen County:	Santa Clara
TSD EPA ID:	CAD980887418

UNOCAL SS#6397 (Continued) **S101594474**

TSD County:	1
Waste Category:	Waste oil and mixed oil
Disposal Method:	Recycler
Tons:	.1668
Facility County:	Santa Clara
Gepaid:	CAD982059156
Contact:	UNION OIL COMPANY OF CALIFORNI
Telephone:	7144286560
Facility Addr2:	Not reported
Mailing Name:	Not reported
Mailing Address:	PO BOX 25376
Mailing City,St,Zip:	SANTA ANA, CA 927995376
Gen County:	Santa Clara
TSD EPA ID:	CAD083166728
TSD County:	Stanislaus
Waste Category:	Tank bottom waste
Disposal Method:	Recycler
Tons:	.8340
Facility County:	Santa Clara
Gepaid:	CAD982059156
Contact:	UNION OIL COMPANY OF CALIFORNI
Telephone:	7144286560
Facility Addr2:	Not reported
Mailing Name:	Not reported
Mailing Address:	PO BOX 25376
Mailing City,St,Zip:	SANTA ANA, CA 927995376
Gen County:	Santa Clara
TSD EPA ID:	CAD083166728
TSD County:	Stanislaus
Waste Category:	Unspecified oil-containing waste
Disposal Method:	Recycler
Tons:	.8340
Facility County:	Santa Clara
Gepaid:	CAD982059156
Contact:	UNION OIL COMPANY OF CALIFORNI
Telephone:	7144286560
Facility Addr2:	Not reported
Mailing Name:	Not reported
Mailing Address:	PO BOX 25376
Mailing City,St,Zip:	SANTA ANA, CA 927995376
Gen County:	Santa Clara
TSD EPA ID:	CAD009466392
TSD County:	7
Waste Category:	Other empty containers 30 gallons or more
Disposal Method:	Recycler
Tons:	10.2750
Facility County:	Santa Clara
Gepaid:	CAD982059156
Contact:	UNION OIL COMPANY OF CALIFORNI
Telephone:	7144286560
Facility Addr2:	Not reported
Mailing Name:	Not reported
Mailing Address:	PO BOX 25376

UNOCAL SS#6397 (Continued) **S101594474**

Mailing City,St,Zip: SANTA ANA, CA 927995376
Gen County: Santa Clara
TSD EPA ID: CAD043260702
TSD County: San Mateo
Waste Category: Unspecified oil-containing waste
Disposal Method: Recycler
Tons: 62.1330
Facility County: Santa Clara

Click this hyperlink while viewing on your computer to access
3 additional CA_HAZNET: record(s) in the EDR Site Report.

157
ESE
1/2-1
4011 ft.

KITS CAMERAS 1 HOUR NO 61
283 GREAT MALL DR
MILPITAS, CA 95035

RCRA-SQG **1000978228**
HAZNET **CA0000976027**

Relative:
Higher

Actual:
31 ft.

RCRAInfo:
Owner: KITS CAMERA CENTERS INC
(301) 419-0000
EPA ID: CA0000976027
Contact: Not reported
Classification: Small Quantity Generator
TSDF Activities: Not reported
Violation Status: No violations found

HAZNET:
Gepaid: CAL000129952
Contact: PHIL LALJI
Telephone: 2068723688
Facility Addr2: Not reported
Mailing Name: Not reported
Mailing Address: 283 GREAT MALL DR
Mailing City,St,Zip: MILPITAS, CA 950350000
Gen County: Santa Clara
TSD EPA ID: CA0000084517
TSD County: Sacramento
Waste Category: Photochemicals/photoprocessing waste
Disposal Method: Transfer Station
Tons: 1.3761
Facility County: Santa Clara

Gepaid: CAL000129952
Contact: PHIL LALJI
Telephone: 2068723688
Facility Addr2: Not reported
Mailing Name: Not reported
Mailing Address: 283 GREAT MALL DR
Mailing City,St,Zip: MILPITAS, CA 950350000
Gen County: Santa Clara
TSD EPA ID: CA0000084517
TSD County: Sacramento
Waste Category: Photochemicals/photoprocessing waste
Disposal Method: Transfer Station
Tons: 0.3961
Facility County: Santa Clara

KITS CAMERAS 1 HOUR NO 61 (Continued) **1000978228**

Gepaid:	CAL000129952
Contact:	PHIL LALJI
Telephone:	2068723688
Facility Addr2:	Not reported
Mailing Name:	Not reported
Mailing Address:	283 GREAT MALL DR
Mailing City,St,Zip:	MILPITAS, CA 950350000
Gen County:	Santa Clara
TSD EPA ID:	CA0000084517
TSD County:	Sacramento
Waste Category:	Photochemicals/photoprocessing waste
Disposal Method:	Transfer Station
Tons:	.8757
Facility County:	Santa Clara

Gepaid:	CAL000129952
Contact:	PHIL LALJI
Telephone:	2068723688
Facility Addr2:	Not reported
Mailing Name:	Not reported
Mailing Address:	283 GREAT MALL DR
Mailing City,St,Zip:	MILPITAS, CA 950350000
Gen County:	Santa Clara
TSD EPA ID:	CAD070148432
TSD County:	1
Waste Category:	Photochemicals/photoprocessing waste
Disposal Method:	Transfer Station
Tons:	.0417
Facility County:	Santa Clara

Gepaid:	CAL000129952
Contact:	PHIL LALJI
Telephone:	2068723688
Facility Addr2:	Not reported
Mailing Name:	Not reported
Mailing Address:	283 GREAT MALL DR
Mailing City,St,Zip:	MILPITAS, CA 950350000
Gen County:	Santa Clara
TSD EPA ID:	CAT000613976
TSD County:	Orange
Waste Category:	Photochemicals/photoprocessing waste
Disposal Method:	Transfer Station
Tons:	.0417
Facility County:	Santa Clara

Click this hyperlink while viewing on your computer to access
3 additional CA_HAZNET: record(s) in the EDR Site Report.

AD158
North
1/2-1
4012 ft.

168 SMITHWOOD
168 SMITHWOOD
MILPITAS, CA 95035

ERNS **94363568**
N/A

Site 1 of 2 in cluster AD

Relative:
Lower

Actual:
17 ft.

Click this hyperlink while viewing on your computer to access additional ERNS detail in the EDR Site Report.

AD159
North
1/2-1
4012 ft.

168 SMITHWOOD
MILPITAS, CA

CHMIRS **S105636836**
N/A

Site 2 of 2 in cluster AD

Relative:
Lower

Actual:
17 ft.

CHMIRS:

OES Incident Number:	1079
OES notification:	Not reported
OES Date:	3/3/1994
OES Time:	01:56:48 PM
Incident Date:	Not reported
Date Completed:	**Not reported**
Property Use:	Not reported
Agency Id Number:	Not reported
Agency Incident Number:	Not reported
Time Notified:	Not reported
Time Completed:	Not reported
Surrounding Area:	Not reported
Estimated Temperature:	Not reported
Property Management:	Not reported
Special Studies 1:	Not reported
Special Studies 2:	Not reported
Special Studies 3:	Not reported
Special Studies 4:	Not reported
Special Studies 5:	Not reported
Special Studies 6:	Not reported
More Than Two Substances Involved?:	Not reported
Resp Agncy Personel # Of Decontaminated:	Not reported
Responding Agency Personel # Of Injuries:	Not reported
Responding Agency Personel # Of Fatalities:	Not reported
Others Number Of Decontaminated:	Not reported
Others Number Of Injuries:	Not reported
Others Number Of Fatalities:	Not reported
Vehicle Make/year:	Not reported
Vehicle License Number:	Not reported
Vehicle State:	Not reported
Vehicle Id Number:	Not reported
CA/DOT/PUC/ICC Number:	Not reported
Company Name:	Not reported
Reporting Officer Name/ID:	Not reported
Report Date:	Not reported
Comments:	Not reported
Facility Telephone:	Not reported
Waterway Involved:	NO
Waterway:	Not reported
Spill Site:	Not reported
Cleanup By:	city of milpitas public works
Containment:	Not reported
What Happened:	Not reported
Type:	PETROLEUM

(Continued) **S105636836**

Measure:	Not reported
Other:	Not reported
Date/Time:	Not reported
Year:	1994
Agency:	milpitas fd
Incident Date:	1034 3 mar 94
Admin Agency:	Not reported
Amount:	1 gal
Contained:	NO
Site Type:	RESIDENCE
E Date:	Not reported
Substance:	motor oil
Quantity Released:	Not reported
BBLS:	Not reported
Cups:	Not reported
CUFT:	Not reported
Gallons:	Not reported
Grams:	Not reported
Pounds:	Not reported
Liters:	Not reported
Ounces:	Not reported
Pints:	Not reported
Quarts:	Not reported
Sheen:	Not reported
Tons:	Not reported
Unknown:	Not reported
Description:	oil leaked out of trash can and entered the water meter box
Evacuations:	NO
Number of Injuries:	NO
Number of Fatalities:	NO

---

160 South 1/2-1 4014 ft.

ATARI GAME CORP./TIME WARNER INTERACT **HAZNET** **S100930131**
735 SYCAMORE DR **N/A**
MILPITAS, CA 95035

Relative: Higher

Actual: 29 ft.

HAZNET:

Gepaid:	CAL000029912
Contact:	TIME WARNER INTERACTIVE
Telephone:	0000000000
Facility Addr2:	Not reported
Mailing Name:	Not reported
Mailing Address:	675 SYCAMORE DR
Mailing City,St,Zip:	MILPITAS, CA 950357430
Gen County:	Santa Clara
TSD EPA ID:	CAD003963592
TSD County:	Santa Clara
Waste Category:	Other inorganic solid waste
Disposal Method:	Recycler
Tons:	2.7150
Facility County:	Santa Clara

Gepaid:	CAL000029912
Contact:	TIME WARNER INTERACTIVE
Telephone:	0000000000
Facility Addr2:	Not reported
Mailing Name:	Not reported
Mailing Address:	675 SYCAMORE DR

ATARI GAME CORP./TIME WARNER INTERACT (Continued) **S100930131**

Mailing City,St,Zip:	MILPITAS, CA 950357430
Gen County:	Santa Clara
TSD EPA ID:	CAL000048571
TSD County:	Santa Clara
Waste Category:	Waste oil and mixed oil
Disposal Method:	Recycler
Tons:	.0834
Facility County:	Santa Clara

Gepaid:	CAL000029912
Contact:	TIME WARNER INTERACTIVE
Telephone:	0000000000
Facility Addr2:	Not reported
Mailing Name:	Not reported
Mailing Address:	675 SYCAMORE DR
Mailing City,St,Zip:	MILPITAS, CA 950357430
Gen County:	Santa Clara
TSD EPA ID:	NVT330010000
TSD County:	99
Waste Category:	Other inorganic solid waste
Disposal Method:	Not reported
Tons:	.1240
Facility County:	Santa Clara

Gepaid:	CAL000029912
Contact:	TIME WARNER INTERACTIVE
Telephone:	0000000000
Facility Addr2:	Not reported
Mailing Name:	Not reported
Mailing Address:	675 SYCAMORE DR
Mailing City,St,Zip:	MILPITAS, CA 950357430
Gen County:	Santa Clara
TSD EPA ID:	NVT330010000
TSD County:	99
Waste Category:	Unspecified solvent mixture Waste
Disposal Method:	Not reported
Tons:	.1251
Facility County:	Santa Clara

Gepaid:	CAL000029912
Contact:	TIME WARNER INTERACTIVE
Telephone:	0000000000
Facility Addr2:	Not reported
Mailing Name:	Not reported
Mailing Address:	675 SYCAMORE DR
Mailing City,St,Zip:	MILPITAS, CA 950357430
Gen County:	Santa Clara
TSD EPA ID:	CAT080022148
TSD County:	San Bernardino
Waste Category:	Unspecified organic liquid mixture
Disposal Method:	Transfer Station
Tons:	.0625
Facility County:	Santa Clara

Click this hyperlink while viewing on your computer to access
18 additional CA_HAZNET: record(s) in the EDR Site Report.

AC161
NNE
1/2-1
4051 ft.

Relative:
Lower

Actual:
14 ft.

PACIFIC BELL CORPORATION
76 CARLO STREET
MILPITAS, CA 95035

EMI **S106248937**
N/A

Site 2 of 5 in cluster AC

EMI:

Year:	2002
Carbon Monoxide Emissions Tons/Yr:	43
Air Basin:	SF
Facility ID:	14092
Air District Name:	BA
SIC Code:	3661
Air District Name:	BAY AREA AQMD
Community Health Air Pollution Info System:	Not reported
Consolidated Emission Reporting Rule:	Not reported
Total Organic Hydrocarbon Gases Tons/Yr:	0
Reactive Organic Gases Tons/Yr:	0
Carbon Monoxide Emissions Tons/Yr:	0
NOX - Oxides of Nitrogen Tons/Yr:	0
SOX - Oxides of Sulphur Tons/Yr:	0
Particulate Matter Tons/Yr:	0
Part. Matter 10 Micrometers & Smllr Tons/Yr:	0

Year:	2003
Carbon Monoxide Emissions Tons/Yr:	43
Air Basin:	SF
Facility ID:	14092
Air District Name:	BA
SIC Code:	3661
Air District Name:	BAY AREA AQMD
Community Health Air Pollution Info System:	Not reported
Consolidated Emission Reporting Rule:	Not reported
Total Organic Hydrocarbon Gases Tons/Yr:	0
Reactive Organic Gases Tons/Yr:	0
Carbon Monoxide Emissions Tons/Yr:	0
NOX - Oxides of Nitrogen Tons/Yr:	0
SOX - Oxides of Sulphur Tons/Yr:	0
Particulate Matter Tons/Yr:	0
Part. Matter 10 Micrometers & Smllr Tons/Yr:	0

Year:	2004
Carbon Monoxide Emissions Tons/Yr:	43
Air Basin:	SF
Facility ID:	14092
Air District Name:	BA
SIC Code:	3661
Air District Name:	BAY AREA AQMD
Community Health Air Pollution Info System:	Not reported
Consolidated Emission Reporting Rule:	Not reported
Total Organic Hydrocarbon Gases Tons/Yr:	0.033
Reactive Organic Gases Tons/Yr:	0.0276111
Carbon Monoxide Emissions Tons/Yr:	0.09
NOX - Oxides of Nitrogen Tons/Yr:	0.413
SOX - Oxides of Sulphur Tons/Yr:	0.006
Particulate Matter Tons/Yr:	0.03
Part. Matter 10 Micrometers & Smllr Tons/Yr:	0.02928

AC162
NNE
1/2-1
4055 ft.

Relative:
Lower

Actual:
14 ft.

PACIFIC BELL
76 CARLO STREET
MILPITAS, CA 95035

RCRA-SQG
HAZNET
UST

1000251417
CAT080022981

Site 3 of 5 in cluster AC

RCRAInfo:
Owner: NOT REQUIRED
(415) 555-1212
EPA ID: CAT080022981

Contact: Not reported

Classification: Small Quantity Generator
TSDF Activities: Not reported

Violation Status: No violations found

HAZNET:

Gepaid:	CAT080022981
Contact:	PACIFIC BELL
Telephone:	9258236161
Facility Addr2:	Not reported
Mailing Name:	Not reported
Mailing Address:	RM 3E000
Mailing City,St,Zip:	SAN RAMON, CA 945830995
Gen County:	Santa Clara
TSD EPA ID:	CAD982042475
TSD County:	Solano
Waste Category:	Asbestos-containing waste
Disposal Method:	Disposal, Land Fill
Tons:	5.8996
Facility County:	Santa Clara

Gepaid:	CAT080022981
Contact:	PACIFIC BELL
Telephone:	9258236161
Facility Addr2:	Not reported
Mailing Name:	Not reported
Mailing Address:	RM 3E000
Mailing City,St,Zip:	SAN RAMON, CA 945830995
Gen County:	Santa Clara
TSD EPA ID:	CAD981382732
TSD County:	1
Waste Category:	Asbestos-containing waste
Disposal Method:	Disposal, Land Fill
Tons:	0.4214
Facility County:	Santa Clara

Gepaid:	CAT080022981
Contact:	PACIFIC BELL
Telephone:	9258236161
Facility Addr2:	Not reported
Mailing Name:	Not reported
Mailing Address:	RM 3E000
Mailing City,St,Zip:	SAN RAMON, CA 945830995
Gen County:	Santa Clara
TSD EPA ID:	CAL000027741
TSD County:	5
Waste Category:	Asbestos-containing waste

PACIFIC BELL (Continued) **1000251417**

Disposal Method: Disposal, Land Fill
Tons: 16.8560
Facility County: Santa Clara

Gepaid: CAT080022981
Contact: SHARON BAYLE/STAFF ASSOC
Telephone: 9258675741
Facility Addr2: Not reported
Mailing Name: RM 1N200
Mailing Address: PO BOX 5095 RM 3E000
Mailing City,St,Zip: SAN RAMON, CA 945830995
Gen County: Santa Clara
TSD EPA ID: CAD009452657
TSD County: Santa Clara
Waste Category: Aqueous solution with less than 10% total organic residues
Disposal Method: Recycler
Tons: 1.37
Facility County: Santa Clara

Gepaid: CAT080022981
Contact: PACIFIC BELL
Telephone: 9258236161
Facility Addr2: Not reported
Mailing Name: Not reported
Mailing Address: RM 3E000
Mailing City,St,Zip: SAN RAMON, CA 945830995
Gen County: Santa Clara
TSD EPA ID: CAD028409019
TSD County: Los Angeles
Waste Category: Other organic solids
Disposal Method: Transfer Station
Tons: .1250
Facility County: Santa Clara

Click this hyperlink while viewing on your computer to access
2 additional CA_HAZNET: record(s) in the EDR Site Report.

UST:
Region: STATE
Local Agency: Milpitas, Santa Clara County
Facility ID: 43-011-057531-0

AE163 **PHOTON DYNAMICS INC.** **HAZNET** **S102821581**
SSW **1504 MCCARTHY BLVD** **N/A**
1/2-1 **MILPITAS, CA 95035**
4067 ft.

Site 1 of 3 in cluster AE

Relative:
Higher

HAZNET:
Gepaid: CAL000122924
Contact: PHOTON DYNAMICS INC.
Actual: Telephone: 0000000000
30 ft. Facility Addr2: Not reported
Mailing Name: Not reported
Mailing Address: 6325 SAN IGNACIO BLVD
Mailing City,St,Zip: SAN JOSE, CA 951191202
Gen County: Santa Clara

PHOTON DYNAMICS INC. (Continued) **S102821581**

TSD EPA ID: CAD009452657
TSD County: San Mateo
Waste Category: Laboratory waste chemicals
Disposal Method: Recycler
Tons: .2900
Facility County: Santa Clara

Gepaid: CAL000122924
Contact: PHOTON DYNAMICS INC.
Telephone: 0000000000
Facility Addr2: Not reported
Mailing Name: Not reported
Mailing Address: 6325 SAN IGNACIO BLVD
Mailing City,St,Zip: SAN JOSE, CA 951191202
Gen County: Santa Clara
TSD EPA ID: CAD009452657
TSD County: San Mateo
Waste Category: Not reported
Disposal Method: Recycler
Tons: .0300
Facility County: Santa Clara

AE164 **APPLIED MAGNETICS CORPORATION** **RCRA-SQG** **1000417383**
SSW **1504 MCCARTHY BLVD.** **CAD982471989**
1/2-1 **MILPITAS, CA 95035**
4067 ft.

Site 2 of 3 in cluster AE

Relative: Higher

Actual: 30 ft.

RCRAInfo:
Owner: X LAM TECHNOLOGIES
(408) 433-5252
EPA ID: CAD982471989

Contact: RICH GARCIA
(408) 210-7727

Classification: Small Quantity Generator
TSDF Activities: Not reported

Violation Status: Violations exist

Regulation Violated: Not reported
Area of Violation: GENERATOR-OTHER REQUIREMENTS
Date Violation Determined: 10/23/2003
Actual Date Achieved Compliance: 01/27/2004

Enforcement Action: FINAL 3008(A) COMPLIANCE ORDER
Enforcement Action Date: 01/29/2004
Penalty Type: Not reported

There are 1 violation record(s) reported at this site:

Evaluation	Area of Violation	Date of Compliance
Non-Financial Record Review	GENERATOR-OTHER REQUIREMENTS	20040127

AE165 **X-LAM TECH UNIT OF KULICKE & SOFFA INC** **HAZNET S104574808**
SSW **1504 MCCARTHY BLVD** **EMI N/A**
1/2-1 **MILPITAS, CA 95035**
4067 ft.

Site 3 of 3 in cluster AE

Relative:
Higher

Actual:
30 ft.

HAZNET:

Gepaid:	CAD982471989
Contact:	CLIFF MARUYAMA-DIR OF OPTNS
Telephone:	4084102095
Facility Addr2:	Not reported
Mailing Name:	Not reported
Mailing Address:	1504 MCCARTHY BLVD
Mailing City,St,Zip:	MILPITAS, CA 950350000
Gen County:	Santa Clara
TSD EPA ID:	Not reported
TSD County:	San Mateo
Waste Category:	Unspecified aqueous solution
Disposal Method:	Not reported
Tons:	2.18
Facility County:	Not reported

Gepaid:	CAD982471989
Contact:	CLIFF MARUYAMA-DIR OF OPTNS
Telephone:	4084102095
Facility Addr2:	Not reported
Mailing Name:	Not reported
Mailing Address:	1504 MCCARTHY BLVD
Mailing City,St,Zip:	MILPITAS, CA 950350000
Gen County:	Santa Clara
TSD EPA ID:	Not reported
TSD County:	San Mateo
Waste Category:	Unspecified aqueous solution
Disposal Method:	Recycler
Tons:	16.52
Facility County:	Not reported

Gepaid:	CAD982471989
Contact:	CLIFF MARUYAMA-DIR OF OPTNS
Telephone:	4084102095
Facility Addr2:	Not reported
Mailing Name:	Not reported
Mailing Address:	1504 MCCARTHY BLVD
Mailing City,St,Zip:	MILPITAS, CA 950350000
Gen County:	Santa Clara
TSD EPA ID:	Not reported
TSD County:	Santa Clara
Waste Category:	Liquids with cyanides > 1000 mg/l
Disposal Method:	Recycler
Tons:	0.52
Facility County:	Not reported

Gepaid:	CAD982471989
Contact:	CLIFF MARUYAMA-DIR OF OPTNS
Telephone:	4084102095
Facility Addr2:	Not reported
Mailing Name:	Not reported
Mailing Address:	1504 MCCARTHY BLVD
Mailing City,St,Zip:	MILPITAS, CA 950350000

X-LAM TECH UNIT OF KULICKE & SOFFA INC (Continued) **S104574808**

Gen County:	Santa Clara
TSD EPA ID:	Not reported
TSD County:	99
Waste Category:	Alkaline solution without metals (pH > 12.5)
Disposal Method:	Treatment, Tank
Tons:	1.74
Facility County:	Not reported
Gepaid:	CAD982471989
Contact:	CLIFF MARUYAMA-DIR OF OPTNS
Telephone:	4084102095
Facility Addr2:	Not reported
Mailing Name:	Not reported
Mailing Address:	1504 MCCARTHY BLVD
Mailing City,St,Zip:	MILPITAS, CA 950350000
Gen County:	Santa Clara
TSD EPA ID:	Not reported
TSD County:	99
Waste Category:	Aqueous solution with metals (restricted levels and Alkaline solution (pH <UN-> 12.5) with metals (antimony, arsenic, barium, beryllium, cadmium, chromium, cobalt, copper, lead, mercury, molybdenum, nickel, selenium, silver, thallium, vanadium, and zinc))
Disposal Method:	Not reported
Tons:	2.23
Facility County:	Not reported

Click this hyperlink while viewing on your computer to access
115 additional CA_HAZNET: record(s) in the EDR Site Report.

EMI:

Year:	1990
Carbon Monoxide Emissions Tons/Yr:	43
Air Basin:	SF
Facility ID:	3541
Air District Name:	BA
SIC Code:	3671
Air District Name:	BAY AREA AQMD
Community Health Air Pollution Info System:	Not reported
Consolidated Emission Reporting Rule:	Not reported
Total Organic Hydrocarbon Gases Tons/Yr:	1
Reactive Organic Gases Tons/Yr:	0
Carbon Monoxide Emissions Tons/Yr:	0
NOX - Oxides of Nitrogen Tons/Yr:	0
SOX - Oxides of Sulphur Tons/Yr:	0
Particulate Matter Tons/Yr:	0
Part. Matter 10 Micrometers & Smllr Tons/Yr:	0
Year:	2001
Carbon Monoxide Emissions Tons/Yr:	43
Air Basin:	SF
Facility ID:	12275
Air District Name:	BA
SIC Code:	3674
Air District Name:	BAY AREA AQMD
Community Health Air Pollution Info System:	Not reported
Consolidated Emission Reporting Rule:	Not reported
Total Organic Hydrocarbon Gases Tons/Yr:	0

X-LAM TECH UNIT OF KULICKE & SOFFA INC (Continued) **S104574808**

Reactive Organic Gases Tons/Yr:	0
Carbon Monoxide Emissions Tons/Yr:	0
NOX - Oxides of Nitrogen Tons/Yr:	0
SOX - Oxides of Sulphur Tons/Yr:	0
Particulate Matter Tons/Yr:	0
Part. Matter 10 Micrometers & Smllr Tons/Yr:	0

Year:	2002
Carbon Monoxide Emissions Tons/Yr:	43
Air Basin:	SF
Facility ID:	12275
Air District Name:	BA
SIC Code:	3674
Air District Name:	BAY AREA AQMD
Community Health Air Pollution Info System:	Not reported
Consolidated Emission Reporting Rule:	Not reported
Total Organic Hydrocarbon Gases Tons/Yr:	0
Reactive Organic Gases Tons/Yr:	0
Carbon Monoxide Emissions Tons/Yr:	0
NOX - Oxides of Nitrogen Tons/Yr:	0
SOX - Oxides of Sulphur Tons/Yr:	0
Particulate Matter Tons/Yr:	0
Part. Matter 10 Micrometers & Smllr Tons/Yr:	0

Year:	2003
Carbon Monoxide Emissions Tons/Yr:	43
Air Basin:	SF
Facility ID:	12275
Air District Name:	BA
SIC Code:	3674
Air District Name:	BAY AREA AQMD
Community Health Air Pollution Info System:	Not reported
Consolidated Emission Reporting Rule:	Not reported
Total Organic Hydrocarbon Gases Tons/Yr:	0
Reactive Organic Gases Tons/Yr:	0
Carbon Monoxide Emissions Tons/Yr:	0
NOX - Oxides of Nitrogen Tons/Yr:	0
SOX - Oxides of Sulphur Tons/Yr:	0
Particulate Matter Tons/Yr:	0
Part. Matter 10 Micrometers & Smllr Tons/Yr:	0

AF166
South
1/2-1
4106 ft.

CISCO SYSTEMS INC **HAZNET** **S107147190**
755 SYCAMORE DR **N/A**
MILPITAS, CA 95035

Site 1 of 2 in cluster AF

Relative:
Higher

Actual:
29 ft.

HAZNET:

Gepaid:	CAL000223151
Contact:	JUSTIN GIAMPAOLI/SAFETY
Telephone:	4088537436
Facility Addr2:	Not reported
Mailing Name:	Not reported
Mailing Address:	260 E TASMAN DR M/S SJ-9-2
Mailing City,St,Zip:	SAN JOSE, CA 95134
Gen County:	Santa Clara
TSD EPA ID:	IND000646943
TSD County:	Santa Clara

CISCO SYSTEMS INC (Continued) **S107147190**

Waste Category: Other organic solids
Disposal Method: Disposal, Other
Tons: 0.05
Facility County: Santa Clara

AG167 **CHMIRS** **S100218207**
SE **N.B.S. MAIN @ CAPITAL** **N/A**
1/2-1 **MILPITAS, CA 95035**
4110 ft.

Site 1 of 5 in cluster AG

Relative:
Higher

Actual:
33 ft.

CHMIRS:

OES Incident Number:	8910080
OES notification:	Not reported
OES Date:	Not reported
OES Time:	Not reported
Incident Date:	01-FEB-89
Date Completed:	**01-FEB-89**
Property Use:	962
Agency Id Number:	43030
Agency Incident Number:	89-2245
Time Notified:	1248
Time Completed:	1342
Surrounding Area:	600
Estimated Temperature:	50
Property Management:	C
Special Studies 1:	Not reported
Special Studies 2:	Not reported
Special Studies 3:	Not reported
Special Studies 4:	Not reported
Special Studies 5:	Not reported
Special Studies 6:	Not reported
More Than Two Substances Involved?:	N
Resp Agncy Personel # Of Decontaminated:	0
Responding Agency Personel # Of Injuries:	0
Responding Agency Personel # Of Fatalities:	0
Others Number Of Decontaminated:	0
Others Number Of Injuries:	0
Others Number Of Fatalities:	0
Vehicle Make/year:	Not reported
Vehicle License Number:	Not reported
Vehicle State:	Not reported
Vehicle Id Number:	Not reported
CA/DOT/PUC/ICC Number:	Not reported
Company Name:	Not reported
Reporting Officer Name/ID:	RICHARD JENKINS C-15
Report Date:	01-FEB-89
Comments:	Not reported
Facility Telephone:	408 945-5785
Waterway Involved:	Not reported
Waterway:	Not reported
Spill Site:	Not reported
Cleanup By:	Not reported
Containment:	Not reported
What Happened:	Not reported
Type:	Not reported
Measure:	Not reported
Other:	Not reported

(Continued) **S100218207**

Date/Time:	Not reported
Year:	88-92
Agency:	Not reported
Incident Date:	Not reported
Admin Agency:	Not reported
Amount:	Not reported
Contained:	Not reported
Site Type:	Not reported
E Date:	03-MAY-90
Substance:	Not reported
Quantity Released:	Not reported
BBLS:	Not reported
Cups:	Not reported
CUFT:	Not reported
Gallons:	Not reported
Grams:	Not reported
Pounds:	Not reported
Liters:	Not reported
Ounces:	Not reported
Pints:	Not reported
Quarts:	Not reported
Sheen:	Not reported
Tons:	Not reported
Unknown:	Not reported
Description:	Not reported
Evacuations:	Not reported
Number of Injuries:	Not reported
Number of Fatalities:	Not reported

AC168
NNE
1/2-1
4113 ft.

Relative:
Lower

Actual:
14 ft.

51 CARLO ST.
51 CARLO ST.
MILPITAS, CA 95035

Site 4 of 5 in cluster AC

ERNS 91202951
N/A

Click this hyperlink while viewing on your computer to access additional ERNS detail in the EDR Site Report.

AC169
NNE
1/2-1
4115 ft.

Relative:
Lower

Actual:
14 ft.

51 CARLO STREET
MILPITAS, CA 95035

Site 5 of 5 in cluster AC

CHMIRS S100277191
N/A

CHMIRS:

OES Incident Number:	9115231
OES notification:	Not reported
OES Date:	Not reported
OES Time:	Not reported
Incident Date:	30-JAN-91
Date Completed:	**30-JAN-91**
Property Use:	500
Agency Id Number:	43030
Agency Incident Number:	91-2096F
Time Notified:	1414
Time Completed:	1834
Surrounding Area:	962

(Continued) **S100277191**

Estimated Temperature:	Not reported
Property Management:	Not reported
Special Studies 1:	Not reported
Special Studies 2:	Not reported
Special Studies 3:	Not reported
Special Studies 4:	Not reported
Special Studies 5:	Not reported
Special Studies 6:	Not reported
More Than Two Substances Involved?:	N
Resp Agncy Personel # Of Decontaminated:	0
Responding Agency Personel # Of Injuries:	0
Responding Agency Personel # Of Fatalities:	0
Others Number Of Decontaminated:	0
Others Number Of Injuries:	0
Others Number Of Fatalities:	0
Vehicle Make/year:	Not reported
Vehicle License Number:	Not reported
Vehicle State:	Not reported
Vehicle Id Number:	Not reported
CA/DOT/PUC/ICC Number:	Not reported
Company Name:	Not reported
Reporting Officer Name/ID:	JIM PALMER 19213
Report Date:	30-JAN-91
Comments:	N
Facility Telephone:	408 942-2388
Waterway Involved:	Not reported
Waterway:	Not reported
Spill Site:	Not reported
Cleanup By:	Not reported
Containment:	Not reported
What Happened:	Not reported
Type:	Not reported
Measure:	Not reported
Other:	Not reported
Date/Time:	Not reported
Year:	88-92
Agency:	Not reported
Incident Date:	Not reported
Admin Agency:	Not reported
Amount:	Not reported
Contained:	Not reported
Site Type:	Not reported
E Date:	10-JUN-92
Substance:	Not reported
Quantity Released:	Not reported
BBLS:	Not reported
Cups:	Not reported
CUFT:	Not reported
Gallons:	Not reported
Grams:	Not reported
Pounds:	Not reported
Liters:	Not reported
Ounces:	Not reported
Pints:	Not reported
Quarts:	Not reported
Sheen:	Not reported
Tons:	Not reported

(Continued) **S100277191**

Unknown:	Not reported
Description:	Not reported
Evacuations:	Not reported
Number of Injuries:	Not reported
Number of Fatalities:	Not reported

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170 NNW 1/2-1 4120 ft. **WAL-MART STORE #2119** **HAZNET** **S103994850**
301 RANCH DRIVE **N/A**
MILPITAS, CA 95035

Relative: Lower

Actual: 18 ft.

HAZNET:

Gepaid:	CAL000116622
Contact:	WAL-MART STORES INC
Telephone:	5012731949
Facility Addr2:	Not reported
Mailing Name:	Not reported
Mailing Address:	DEPT 8013
Mailing City,St,Zip:	BENTONVILLE, AR 727168013
Gen County:	Santa Clara
TSD EPA ID:	CAD088838222
TSD County:	Santa Cruz
Waste Category:	Aqueous solution with 10% or more total organic residues
Disposal Method:	Recycler
Tons:	2.2934
Facility County:	Santa Clara

Gepaid:	CAL000116622
Contact:	WAL-MART STORES INC
Telephone:	5012731949
Facility Addr2:	Not reported
Mailing Name:	Not reported
Mailing Address:	DEPT 8013
Mailing City,St,Zip:	BENTONVILLE, AR 727168013
Gen County:	Santa Clara
TSD EPA ID:	CAD000088252
TSD County:	Los Angeles
Waste Category:	Other organic solids
Disposal Method:	Transfer Station
Tons:	.0000
Facility County:	Santa Clara

Gepaid:	CAL000116622
Contact:	LANI ABBOTT MANAGER
Telephone:	4089340304
Facility Addr2:	Not reported
Mailing Name:	Not reported
Mailing Address:	DEPT 8013
Mailing City,St,Zip:	BENTONVILLE, AR 727168013
Gen County:	Santa Clara
TSD EPA ID:	Not reported
TSD County:	99
Waste Category:	Polychlorinated biphenyls and material containing PCB's
Disposal Method:	Recycler
Tons:	0.57
Facility County:	Not reported

Gepaid:	CAL000116622

WAL-MART STORE #2119 (Continued) **S103994850**

Contact:	LANI ABBOTT MANAGER
Telephone:	4089340304
Facility Addr2:	Not reported
Mailing Name:	Not reported
Mailing Address:	DEPT 8013
Mailing City,St,Zip:	BENTONVILLE, AR 727168013
Gen County:	Santa Clara
TSD EPA ID:	Not reported
TSD County:	Santa Clara
Waste Category:	Photochemicals/photoprocessing waste
Disposal Method:	Recycler
Tons:	4.73
Facility County:	Not reported

Gepaid:	CAL000116622
Contact:	WAL-MART STORES INC
Telephone:	5012731949
Facility Addr2:	Not reported
Mailing Name:	Not reported
Mailing Address:	DEPT 8013
Mailing City,St,Zip:	BENTONVILLE, AR 727168013
Gen County:	Santa Clara
TSD EPA ID:	CAD088838222
TSD County:	Santa Cruz
Waste Category:	Aqueous solution with 10% or more total organic residues
Disposal Method:	Recycler
Tons:	0.2919
Facility County:	Santa Clara

Click this hyperlink while viewing on your computer to access
22 additional CA_HAZNET: record(s) in the EDR Site Report.

AG171 **WEST CAPITOL AND SOUTH MAIN ST** **ERNS** **92257329**
SE **WEST CAPITOL AND SOUTH MAIN ST** **N/A**
1/2-1 **MILPITAS, CA 95035**
4124 ft.

Site 2 of 5 in cluster AG

Relative:
Higher

Actual:
33 ft.

Click this hyperlink while viewing on your computer to access
additional ERNS detail in the EDR Site Report.

AG172 **CAPITOL AVE AT MAIN ST** **ERNS** **8874560**
SE **CAPITOL AVE AT MAIN ST** **N/A**
1/2-1 **MILPITAS, CA**
4124 ft.

Site 3 of 5 in cluster AG

Relative:
Higher

Actual:
33 ft.

Click this hyperlink while viewing on your computer to access
additional ERNS detail in the EDR Site Report.

AF173
South
1/2-1
4124 ft.

Relative:
Higher

Actual:
29 ft.

MIRUS INDUSTRIES CORPORATION
758 SYCAMORE DRIVE
MILPITAS, CA 95035

HAZNET

EDR ID Number: S100940176
EPA ID Number: N/A

Site 2 of 2 in cluster AF

HAZNET:

Gepaid:	CAL931045148
Contact:	BRUCKE MACKAY
Telephone:	4089449770
Facility Addr2:	Not reported
Mailing Name:	Not reported
Mailing Address:	758 SYCAMORE DR
Mailing City,St,Zip:	MILPITAS, CA 950350000
Gen County:	Santa Clara
TSD EPA ID:	CAD003963592
TSD County:	Santa Clara
Waste Category:	Photochemicals/photoprocessing waste
Disposal Method:	Recycler
Tons:	.2293
Facility County:	Santa Clara

Gepaid:	CAL931045148
Contact:	BRUCKE MACKAY
Telephone:	4089449770
Facility Addr2:	Not reported
Mailing Name:	Not reported
Mailing Address:	758 SYCAMORE DR
Mailing City,St,Zip:	MILPITAS, CA 950350000
Gen County:	Santa Clara
TSD EPA ID:	CAD003963592
TSD County:	Santa Clara
Waste Category:	Photochemicals/photoprocessing waste
Disposal Method:	Not reported
Tons:	.2293
Facility County:	Santa Clara

Gepaid:	CAL931045148
Contact:	BRUCKE MACKAY
Telephone:	4089449770
Facility Addr2:	Not reported
Mailing Name:	Not reported
Mailing Address:	758 SYCAMORE DR
Mailing City,St,Zip:	MILPITAS, CA 950350000
Gen County:	Santa Clara
TSD EPA ID:	CAD003963592
TSD County:	Santa Clara
Waste Category:	Photochemicals/photoprocessing waste
Disposal Method:	Recycler
Tons:	.5003
Facility County:	Santa Clara

Gepaid:	CAL931045148
Contact:	BRUCKE MACKAY
Telephone:	4089449770
Facility Addr2:	Not reported
Mailing Name:	Not reported
Mailing Address:	758 SYCAMORE DR
Mailing City,St,Zip:	MILPITAS, CA 950350000

MIRUS INDUSTRIES CORPORATION (Continued) **S100940176**

Gen County:	Santa Clara
TSD EPA ID:	CAD003963593
TSD County:	0
Waste Category:	Photochemicals/photoprocessing waste
Disposal Method:	Not reported
Tons:	.2293
Facility County:	Santa Clara

Click this hyperlink while viewing on your computer to access
-1 additional CA_HAZNET: record(s) in the EDR Site Report.

AH174 **ACUTE TECHNOLOGIES** **EMI** **1006827039**
South **1550 BUCKEYE DRIVE** **110013862613**
1/2-1 **MILPITAS, CA 95035**
4132 ft.

Site 1 of 2 in cluster AH

Relative:
Higher

Actual:
32 ft.

EMI:

Year:	1997
Carbon Monoxide Emissions Tons/Yr:	43
Air Basin:	SF
Facility ID:	10490
Air District Name:	BA
SIC Code:	3672
Air District Name:	BAY AREA AQMD
Community Health Air Pollution Info System:	Not reported
Consolidated Emission Reporting Rule:	Not reported
Total Organic Hydrocarbon Gases Tons/Yr:	2
Reactive Organic Gases Tons/Yr:	1
Carbon Monoxide Emissions Tons/Yr:	0
NOX - Oxides of Nitrogen Tons/Yr:	0
SOX - Oxides of Sulphur Tons/Yr:	0
Particulate Matter Tons/Yr:	0
Part. Matter 10 Micrometers & Smllr Tons/Yr:	0

Year:	1998
Carbon Monoxide Emissions Tons/Yr:	43
Air Basin:	SF
Facility ID:	10490
Air District Name:	BA
SIC Code:	3672
Air District Name:	BAY AREA AQMD
Community Health Air Pollution Info System:	Not reported
Consolidated Emission Reporting Rule:	Not reported
Total Organic Hydrocarbon Gases Tons/Yr:	2
Reactive Organic Gases Tons/Yr:	1
Carbon Monoxide Emissions Tons/Yr:	0
NOX - Oxides of Nitrogen Tons/Yr:	0
SOX - Oxides of Sulphur Tons/Yr:	0
Particulate Matter Tons/Yr:	0
Part. Matter 10 Micrometers & Smllr Tons/Yr:	0

Year:	1999
Carbon Monoxide Emissions Tons/Yr:	43
Air Basin:	SF
Facility ID:	10490
Air District Name:	BA
SIC Code:	3672

ACUTE TECHNOLOGIES (Continued) **1006827039**

Air District Name:	BAY AREA AQMD
Community Health Air Pollution Info System:	Not reported
Consolidated Emission Reporting Rule:	Not reported
Total Organic Hydrocarbon Gases Tons/Yr:	2
Reactive Organic Gases Tons/Yr:	2
Carbon Monoxide Emissions Tons/Yr:	0
NOX - Oxides of Nitrogen Tons/Yr:	0
SOX - Oxides of Sulphur Tons/Yr:	0
Particulate Matter Tons/Yr:	0
Part. Matter 10 Micrometers & Smllr Tons/Yr:	0

Year:	2000
Carbon Monoxide Emissions Tons/Yr:	43
Air Basin:	SF
Facility ID:	10490
Air District Name:	BA
SIC Code:	3672
Air District Name:	BAY AREA AQMD
Community Health Air Pollution Info System:	Not reported
Consolidated Emission Reporting Rule:	Not reported
Total Organic Hydrocarbon Gases Tons/Yr:	2
Reactive Organic Gases Tons/Yr:	2
Carbon Monoxide Emissions Tons/Yr:	0
NOX - Oxides of Nitrogen Tons/Yr:	0
SOX - Oxides of Sulphur Tons/Yr:	0
Particulate Matter Tons/Yr:	0
Part. Matter 10 Micrometers & Smllr Tons/Yr:	0

AH175 **NANO METRICS INC** **HAZNET** **S103632912**
South **1550 BUCKEYE DR** **N/A**
1/2-1 **MILPITAS, CA 95035**
4132 ft.

Site 2 of 2 in cluster AH

Relative:
Higher

Actual:
32 ft.

HAZNET:

Gepaid:	CAC002330793
Contact:	CHRIS LUENGO/R B CONSTRUCTION
Telephone:	5106838780
Facility Addr2:	Not reported
Mailing Name:	Not reported
Mailing Address:	1550 BUCKEYE DR
Mailing City,St,Zip:	MILPITAS, CA 950350000
Gen County:	Santa Clara
TSD EPA ID:	CA0000084517
TSD County:	Santa Clara
Waste Category:	Aqueous solution with less than 10% total organic residues
Disposal Method:	Transfer Station
Tons:	0.21
Facility County:	Santa Clara

Gepaid:	CAL000138330
Contact:	CHARLES KIM
Telephone:	4084280790
Facility Addr2:	Not reported
Mailing Name:	Not reported
Mailing Address:	1550 BUCKEYE DR
Mailing City,St,Zip:	MILPITAS, CA 950357418
Gen County:	Santa Clara

NANO METRICS INC (Continued) **S103632912**

TSD EPA ID: CAD003963592
TSD County: Santa Clara
Waste Category: Other inorganic solid waste
Disposal Method: Recycler
Tons: .5500
Facility County: Santa Clara

Gepaid: CAL000138330
Contact: CHARLES KIM
Telephone: 4084280790
Facility Addr2: Not reported
Mailing Name: Not reported
Mailing Address: 1550 BUCKEYE DR
Mailing City,St,Zip: MILPITAS, CA 950357418
Gen County: Santa Clara
TSD EPA ID: CAD009452657
TSD County: San Mateo
Waste Category: Other organic solids
Disposal Method: Recycler
Tons: .1500
Facility County: Santa Clara

Gepaid: CAL000138330
Contact: CHARLES KIM
Telephone: 4084280790
Facility Addr2: Not reported
Mailing Name: Not reported
Mailing Address: 1550 BUCKEYE DR
Mailing City,St,Zip: MILPITAS, CA 950357418
Gen County: Santa Clara
TSD EPA ID: CAT080025711
TSD County: San Bernardino
Waste Category: Waste oil and mixed oil
Disposal Method: Recycler
Tons: 2.0850
Facility County: Santa Clara

Gepaid: CAC002318513
Contact: NANOMETRICS INC
Telephone: 4084280790
Facility Addr2: Not reported
Mailing Name: Not reported
Mailing Address: 1550 BUCKEYE DR
Mailing City,St,Zip: MILPITAS, CA 950357418
Gen County: Santa Clara
TSD EPA ID: CAD028409019
TSD County: Los Angeles
Waste Category: Other organic solids
Disposal Method: Transfer Station
Tons: 3.3712
Facility County: Santa Clara

Click this hyperlink while viewing on your computer to access
1 additional CA_HAZNET: record(s) in the EDR Site Report.

AI176 **PACIFIC TIRE OUTLET INC** **HAZNET** **S103980760**
NE **100 S MAIN STREET** **N/A**
1/2-1 **MILPITAS, CA 95035**
4149 ft.

Site 1 of 3 in cluster AI

Relative:
Lower

Actual:
17 ft.

HAZNET:

Gepaid:	CAL000035846
Contact:	PHILIP SWEAT
Telephone:	4089466828
Facility Addr2:	Not reported
Mailing Name:	Not reported
Mailing Address:	100 S MAIN ST
Mailing City,St,Zip:	MILPITAS, CA 950355313
Gen County:	Santa Clara
TSD EPA ID:	CAT080014079
TSD County:	7
Waste Category:	Waste oil and mixed oil
Disposal Method:	Not reported
Tons:	.3000
Facility County:	Santa Clara

AI177 **MFCO ASSOCIATES (CRYSTAL LAKE PARK)** **FTTS** **1004444054**
NE **100 S MAIN ST** **110011663011**
1/2-1 **MILPITAS, CA 95035**
4149 ft.

Site 2 of 3 in cluster AI

Relative:
Lower

Actual:
17 ft.

FTTS Insp:

Region:	09
Inspected Date:	Not reported
Insp Number:	1986082701736 1
Violation occurred:	Yes
Inspector:	HORGAN
Investigation Type:	Section 6 PCB Federal Conducted
Facility Function:	User
Investig Reason:	Not reported
Legislation Code:	TSCA

AG178 **CHMIRS** **S100216562**
SE **CAPITAL AVE @ MAIN ST** **N/A**
1/2-1 **MILPITAS, CA**
4151 ft.

Site 4 of 5 in cluster AG

Relative:
Higher

Actual:
33 ft.

CHMIRS:

OES Incident Number:	8803883
OES notification:	Not reported
OES Date:	Not reported
OES Time:	Not reported
Incident Date:	25-NOV-88
Date Completed:	**25-NOV-88**
Property Use:	962
Agency Id Number:	43030
Agency Incident Number:	88-25035F
Time Notified:	830
Time Completed:	936
Surrounding Area:	600
Estimated Temperature:	65

(Continued) **S100216562**

Property Management:	C
Special Studies 1:	Not reported
Special Studies 2:	Not reported
Special Studies 3:	Not reported
Special Studies 4:	Not reported
Special Studies 5:	Not reported
Special Studies 6:	Not reported
More Than Two Substances Involved?:	N
Resp Agncy Personel # Of Decontaminated:	Not reported
Responding Agency Personel # Of Injuries:	Not reported
Responding Agency Personel # Of Fatalities:	Not reported
Others Number Of Decontaminated:	Not reported
Others Number Of Injuries:	Not reported
Others Number Of Fatalities:	Not reported
Vehicle Make/year:	UNKNOWN
Vehicle License Number:	Not reported
Vehicle State:	Not reported
Vehicle Id Number:	Not reported
CA/DOT/PUC/ICC Number:	Not reported
Company Name:	Not reported
Reporting Officer Name/ID:	CAPT. DIX C-10
Report Date:	25-NOV-88
Comments:	N
Facility Telephone:	408 942-2384
Waterway Involved:	Not reported
Waterway:	Not reported
Spill Site:	Not reported
Cleanup By:	Not reported
Containment:	Not reported
What Happened:	Not reported
Type:	Not reported
Measure:	Not reported
Other:	Not reported
Date/Time:	Not reported
Year:	88-92
Agency:	Not reported
Incident Date:	Not reported
Admin Agency:	Not reported
Amount:	Not reported
Contained:	Not reported
Site Type:	Not reported
E Date:	25-APR-89
Substance:	Not reported
Quantity Released:	Not reported
BBLS:	Not reported
Cups:	Not reported
CUFT:	Not reported
Gallons:	Not reported
Grams:	Not reported
Pounds:	Not reported
Liters:	Not reported
Ounces:	Not reported
Pints:	Not reported
Quarts:	Not reported
Sheen:	Not reported
Tons:	Not reported
Unknown:	Not reported

(Continued) **S100216562**

Description: Not reported
Evacuations: Not reported
Number of Injuries: Not reported
Number of Fatalities: Not reported

AI179 **SOUTH BAY CYCLES** **HAZNET** **S102817611**
NE **96 S MAIN ST** **N/A**
1/2-1 **MILPITAS, CA 95035**
4165 ft.

Site 3 of 3 in cluster AI

Relative:
Lower

Actual:
17 ft.

HAZNET:
Gepaid: CAL000094986
Contact: KRUEGER THOMAS
Telephone: 0000000000
Facility Addr2: Not reported
Mailing Name: Not reported
Mailing Address: 96 S MAIN ST
Mailing City,St,Zip: MILPITAS, CA 950350000
Gen County: Santa Clara
TSD EPA ID: CAT080031628
TSD County: Kern
Waste Category: Waste oil and mixed oil
Disposal Method: Recycler
Tons: .4170
Facility County: Santa Clara

AJ180 **CALIFORNIA BACK SPECIALISTSINC** **HAZNET** **S100931549**
NNE **8 N ABEL ST** **N/A**
1/2-1 **MILPITAS, CA 95035**
4165 ft.

Site 1 of 3 in cluster AJ

Relative:
Lower

Actual:
13 ft.

HAZNET:
Gepaid: CAL000091045
Contact: BEACH CHRISTOPHER
Telephone: 0000000000
Facility Addr2: Not reported
Mailing Name: Not reported
Mailing Address: 8 N ABEL ST
Mailing City,St,Zip: MILPITAS, CA 950354833
Gen County: Santa Clara
TSD EPA ID: CAL922955281
TSD County: Santa Clara
Waste Category: Photochemicals/photoprocessing waste
Disposal Method: Recycler
Tons: .0417
Facility County: Santa Clara

Gepaid: CAL000091045
Contact: BEACH CHRISTOPHER
Telephone: 0000000000
Facility Addr2: Not reported
Mailing Name: Not reported
Mailing Address: 8 N ABEL ST
Mailing City,St,Zip: MILPITAS, CA 950354833

CALIFORNIA BACK SPECIALISTSINC (Continued) **S100931549**

Gen County: Santa Clara
TSD EPA ID: CAL922955281
TSD County: Santa Clara
Waste Category: Photochemicals/photoprocessing waste
Disposal Method: Not reported
Tons: .0104
Facility County: Santa Clara

Gepaid: CAL000091045
Contact: BEACH CHRISTOPHER
Telephone: 0000000000
Facility Addr2: Not reported
Mailing Name: Not reported
Mailing Address: 8 N ABEL ST
Mailing City,St,Zip: MILPITAS, CA 950354833
Gen County: Santa Clara
TSD EPA ID: CAL922955281
TSD County: Santa Clara
Waste Category: Photochemicals/photoprocessing waste
Disposal Method: Treatment, Incineration
Tons: .0500
Facility County: Santa Clara

Gepaid: CAL000091045
Contact: BEACH CHRISTOPHER
Telephone: 0000000000
Facility Addr2: Not reported
Mailing Name: Not reported
Mailing Address: 8 N ABEL ST
Mailing City,St,Zip: MILPITAS, CA 950354833
Gen County: Santa Clara
TSD EPA ID: CAL922955281
TSD County: Santa Clara
Waste Category: Photochemicals/photoprocessing waste
Disposal Method: Recycler
Tons: .0959
Facility County: Santa Clara

Gepaid: CAL000091045
Contact: BEACH CHRISTOPHER
Telephone: 0000000000
Facility Addr2: Not reported
Mailing Name: Not reported
Mailing Address: 8 N ABEL ST
Mailing City,St,Zip: MILPITAS, CA 950354833
Gen County: Santa Clara
TSD EPA ID: UTC093012201
TSD County: 99
Waste Category: Contaminated soil from site clean-ups
Disposal Method: Not reported
Tons: 50.0000
Facility County: Santa Clara

Click this hyperlink while viewing on your computer to access
1 additional CA_HAZNET: record(s) in the EDR Site Report.

AJ181 **DAVID MEDNICK DPM** **HAZNET** **S103960007**
NNE **8 NORTH ABEL ST** **N/A**
1/2-1 **MILPITAS, CA 95035**
4165 ft.

Site 2 of 3 in cluster AJ

Relative:
Lower

Actual:
13 ft.

HAZNET:

Gepaid:	CAL000143054
Contact:	DAVID MEDNICK D.P.M.
Telephone:	4082621188
Facility Addr2:	Not reported
Mailing Name:	Not reported
Mailing Address:	8 N ABEL ST
Mailing City,St,Zip:	MILPITAS, CA 950350000
Gen County:	Santa Clara
TSD EPA ID:	CAL000121946
TSD County:	Marin
Waste Category:	Photochemicals/photoprocessing waste
Disposal Method:	Recycler
Tons:	.0625
Facility County:	Santa Clara

Gepaid:	CAL000143054
Contact:	DAVID MEDNICK D.P.M.
Telephone:	4082621188
Facility Addr2:	Not reported
Mailing Name:	Not reported
Mailing Address:	8 N ABEL ST
Mailing City,St,Zip:	MILPITAS, CA 950350000
Gen County:	Santa Clara
TSD EPA ID:	CAD981429673
TSD County:	Marin
Waste Category:	Photochemicals/photoprocessing waste
Disposal Method:	Recycler
Tons:	0.1584
Facility County:	Santa Clara

Gepaid:	CAL000143054
Contact:	CEFRINA/OFFICE MANAGER
Telephone:	4082621188
Facility Addr2:	Not reported
Mailing Name:	Not reported
Mailing Address:	8 N ABEL ST
Mailing City,St,Zip:	MILPITAS, CA 950350000
Gen County:	Santa Clara
TSD EPA ID:	Not reported
TSD County:	Marin
Waste Category:	Photochemicals/photoprocessing waste
Disposal Method:	Recycler
Tons:	0.06
Facility County:	Not reported

Gepaid:	CAL000143054
Contact:	DAVID MEDNICK D.P.M.
Telephone:	4082621188
Facility Addr2:	Not reported
Mailing Name:	Not reported
Mailing Address:	8 N ABEL ST
Mailing City,St,Zip:	MILPITAS, CA 950350000

DAVID MEDNICK DPM (Continued) **S103960007**

Gen County:	Santa Clara
TSD EPA ID:	CAL000082530
TSD County:	Santa Clara
Waste Category:	Photochemicals/photoprocessing waste
Disposal Method:	Treatment, Tank
Tons:	.1876
Facility County:	Santa Clara
Gepaid:	CAL000143054
Contact:	DAVID MEDNICK D.P.M.
Telephone:	4082621188
Facility Addr2:	Not reported
Mailing Name:	Not reported
Mailing Address:	8 N ABEL ST
Mailing City,St,Zip:	MILPITAS, CA 950350000
Gen County:	Santa Clara
TSD EPA ID:	CAL000082530
TSD County:	Santa Clara
Waste Category:	Not reported
Disposal Method:	Treatment, Tank
Tons:	.0000
Facility County:	Santa Clara

Click this hyperlink while viewing on your computer to access
8 additional CA_HAZNET: record(s) in the EDR Site Report.

AJ182 **ABEL DENTAL CARE** **HAZNET** **S103948497**
NNE **12 NORTH ABEL ST** **N/A**
1/2-1 **MILPITAS, CA 95035**
4175 ft.

Site 3 of 3 in cluster AJ

Relative: Lower

Actual: 13 ft.

HAZNET:

Gepaid:	CAL000157659
Contact:	CHONA EBALO-VILLANUEVA DMD
Telephone:	4089469696
Facility Addr2:	Not reported
Mailing Name:	Not reported
Mailing Address:	12 N ABEL ST
Mailing City,St,Zip:	MILPITAS, CA 950350000
Gen County:	Santa Clara
TSD EPA ID:	CAL000082530
TSD County:	Santa Clara
Waste Category:	Not reported
Disposal Method:	Treatment, Tank
Tons:	.0000
Facility County:	Santa Clara
Gepaid:	CAL000157659
Contact:	CHONA EBALO-VILLANUEVA DMD
Telephone:	4089469696
Facility Addr2:	Not reported
Mailing Name:	Not reported
Mailing Address:	12 N ABEL ST
Mailing City,St,Zip:	MILPITAS, CA 950350000
Gen County:	Santa Clara
TSD EPA ID:	CAL000082530
TSD County:	Santa Clara

ABEL DENTAL CARE (Continued) **S103948497**

Waste Category:	Photochemicals/photoprocessing waste
Disposal Method:	Treatment, Tank
Tons:	.0625
Facility County:	Santa Clara
Gepaid:	CAL000157659
Contact:	FIDEL A VILLANUEVA
Telephone:	4089469696
Facility Addr2:	Not reported
Mailing Name:	Not reported
Mailing Address:	12 N ABEL ST
Mailing City,St,Zip:	MILPITAS, CA 950350000
Gen County:	Santa Clara
TSD EPA ID:	CAL000212588
TSD County:	Santa Clara
Waste Category:	Other inorganic solid waste
Disposal Method:	Recycler
Tons:	0.02
Facility County:	Santa Clara
Gepaid:	CAL000157659
Contact:	FIDEL A VILLANUEVA
Telephone:	4089469696
Facility Addr2:	Not reported
Mailing Name:	Not reported
Mailing Address:	12 N ABEL ST
Mailing City,St,Zip:	MILPITAS, CA 950350000
Gen County:	Santa Clara
TSD EPA ID:	CAL000212588
TSD County:	Santa Clara
Waste Category:	Unspecified organic liquid mixture
Disposal Method:	Treatment, Tank
Tons:	0
Facility County:	Santa Clara
Gepaid:	CAL000157659
Contact:	CHONA EBALO-VILLANUEVA DMD
Telephone:	4089469696
Facility Addr2:	Not reported
Mailing Name:	Not reported
Mailing Address:	12 N ABEL ST
Mailing City,St,Zip:	MILPITAS, CA 950350000
Gen County:	Santa Clara
TSD EPA ID:	CAL000082530
TSD County:	Santa Clara
Waste Category:	Not reported
Disposal Method:	Treatment, Tank
Tons:	.0000
Facility County:	Santa Clara

Click this hyperlink while viewing on your computer to access
1 additional CA_HAZNET: record(s) in the EDR Site Report.

AG183
SE
1/2-1
4179 ft.

Relative:
Higher

Actual:
33 ft.

CHMIRS **S100217361**
N/A

CAPITOL AVE @ MAIN ST.
MILPITAS, CA 95035

Site 5 of 5 in cluster AG

CHMIRS:

OES Incident Number:	8906621
OES notification:	Not reported
OES Date:	Not reported
OES Time:	Not reported
Incident Date:	16-JUN-89
Date Completed:	**16-JUN-89**
Property Use:	962
Agency Id Number:	43030
Agency Incident Number:	89-12916
Time Notified:	937
Time Completed:	1036
Surrounding Area:	936
Estimated Temperature:	70
Property Management:	C
Special Studies 1:	Not reported
Special Studies 2:	Not reported
Special Studies 3:	Not reported
Special Studies 4:	Not reported
Special Studies 5:	Not reported
Special Studies 6:	Not reported
More Than Two Substances Involved?:	N
Resp Agncy Personel # Of Decontaminated:	0
Responding Agency Personel # Of Injuries:	0
Responding Agency Personel # Of Fatalities:	0
Others Number Of Decontaminated:	0
Others Number Of Injuries:	0
Others Number Of Fatalities:	0
Vehicle Make/year:	FORD VAN/70'S
Vehicle License Number:	R62815
Vehicle State:	CA
Vehicle Id Number:	Not reported
CA/DOT/PUC/ICC Number:	Not reported
Company Name:	Not reported
Reporting Officer Name/ID:	LT. WAXELL C-18
Report Date:	16-JUN-89
Comments:	Not reported
Facility Telephone:	408 945-5785
Waterway Involved:	Not reported
Waterway:	Not reported
Spill Site:	Not reported
Cleanup By:	Not reported
Containment:	Not reported
What Happened:	Not reported
Type:	Not reported
Measure:	Not reported
Other:	Not reported
Date/Time:	Not reported
Year:	88-92
Agency:	Not reported
Incident Date:	Not reported
Admin Agency:	Not reported
Amount:	Not reported

(Continued) **S100217361**

Contained:	Not reported
Site Type:	Not reported
E Date:	15-MAY-90
Substance:	Not reported
Quantity Released:	Not reported
BBLS:	Not reported
Cups:	Not reported
CUFT:	Not reported
Gallons:	Not reported
Grams:	Not reported
Pounds:	Not reported
Liters:	Not reported
Ounces:	Not reported
Pints:	Not reported
Quarts:	Not reported
Sheen:	Not reported
Tons:	Not reported
Unknown:	Not reported
Description:	Not reported
Evacuations:	Not reported
Number of Injuries:	Not reported
Number of Fatalities:	Not reported

AK184 **APTOS CORP** **RCRA-SQG** **1000342106**
SSW **774 SYCAMORE DR** **HAZNET** **CAD981630973**
1/2-1 **MILPITAS, CA 95035** **EMI**
4200 ft.

Site 1 of 4 in cluster AK

Relative:
Higher

Actual:
30 ft.

RCRAInfo:

Owner:	NOT REQUIRED
	(415) 555-1212
EPA ID:	CAD981630973
Contact:	Not reported
Classification:	Small Quantity Generator
TSDF Activities:	Not reported

Violation Status: No violations found

HAZNET:

Gepaid:	CAD981630973
Contact:	Not reported
Telephone:	0000000000
Facility Addr2:	Not reported
Mailing Name:	Not reported
Mailing Address:	774 SYCAMORE DR
Mailing City,St,Zip:	MILPITAS, CA 950350000
Gen County:	Santa Clara
TSD EPA ID:	AZD049318009
TSD County:	99
Waste Category:	Liquids with pH <UN-> 2 with metals
Disposal Method:	Transfer Station
Tons:	.2293
Facility County:	Santa Clara

Gepaid:	CAD981630973
Contact:	Not reported

APTOS CORP (Continued) **1000342106**

Telephone: 0000000000
Facility Addr2: Not reported
Mailing Name: Not reported
Mailing Address: 774 SYCAMORE DR
Mailing City,St,Zip: MILPITAS, CA 950350000
Gen County: Santa Clara
TSD EPA ID: CAD069138899
TSD County: Santa Clara
Waste Category: Liquids with cyanides > 1000 mg/l
Disposal Method: Not reported
Tons: .0708
Facility County: Santa Clara

Gepaid: CAD981630973
Contact: Not reported
Telephone: 0000000000
Facility Addr2: Not reported
Mailing Name: Not reported
Mailing Address: 774 SYCAMORE DR
Mailing City,St,Zip: MILPITAS, CA 950350000
Gen County: Santa Clara
TSD EPA ID: CAD069138899
TSD County: Santa Clara
Waste Category: Liquids with cyanides > 1000 mg/l
Disposal Method: Recycler
Tons: .0207
Facility County: Santa Clara

Gepaid: CAD981630973
Contact: Not reported
Telephone: 0000000000
Facility Addr2: Not reported
Mailing Name: Not reported
Mailing Address: 774 SYCAMORE DR
Mailing City,St,Zip: MILPITAS, CA 950350000
Gen County: Santa Clara
TSD EPA ID: CAD069138899
TSD County: Santa Clara
Waste Category: Unspecified aqueous solution
Disposal Method: Recycler
Tons: .1250
Facility County: Santa Clara

Gepaid: CAD981630973
Contact: Not reported
Telephone: 0000000000
Facility Addr2: Not reported
Mailing Name: Not reported
Mailing Address: 774 SYCAMORE DR
Mailing City,St,Zip: MILPITAS, CA 950350000
Gen County: Santa Clara
TSD EPA ID: CAT080010101
TSD County: San Diego
Waste Category: Liquids with halogenated organic compounds > 1000 mg/l
Disposal Method: Transfer Station
Tons: .0100
Facility County: Santa Clara

APTOS CORP (Continued) **1000342106**

Click this hyperlink while viewing on your computer to access
23 additional CA_HAZNET: record(s) in the EDR Site Report.

EMI:

Year:	1987
Carbon Monoxide Emissions Tons/Yr:	43
Air Basin:	SF
Facility ID:	2346
Air District Name:	BA
SIC Code:	3674
Air District Name:	BAY AREA AQMD
Community Health Air Pollution Info System:	Not reported
Consolidated Emission Reporting Rule:	Not reported
Total Organic Hydrocarbon Gases Tons/Yr:	2
Reactive Organic Gases Tons/Yr:	1
Carbon Monoxide Emissions Tons/Yr:	0
NOX - Oxides of Nitrogen Tons/Yr:	0
SOX - Oxides of Sulphur Tons/Yr:	0
Particulate Matter Tons/Yr:	0
Part. Matter 10 Micrometers & Smllr Tons/Yr:	0

Year:	1990
Carbon Monoxide Emissions Tons/Yr:	43
Air Basin:	SF
Facility ID:	2346
Air District Name:	BA
SIC Code:	3674
Air District Name:	BAY AREA AQMD
Community Health Air Pollution Info System:	Not reported
Consolidated Emission Reporting Rule:	Not reported
Total Organic Hydrocarbon Gases Tons/Yr:	0
Reactive Organic Gases Tons/Yr:	0
Carbon Monoxide Emissions Tons/Yr:	0
NOX - Oxides of Nitrogen Tons/Yr:	0
SOX - Oxides of Sulphur Tons/Yr:	0
Particulate Matter Tons/Yr:	0
Part. Matter 10 Micrometers & Smllr Tons/Yr:	0

Year:	1993
Carbon Monoxide Emissions Tons/Yr:	43
Air Basin:	SF
Facility ID:	2346
Air District Name:	BA
SIC Code:	3674
Air District Name:	BAY AREA AQMD
Community Health Air Pollution Info System:	Not reported
Consolidated Emission Reporting Rule:	Not reported
Total Organic Hydrocarbon Gases Tons/Yr:	0
Reactive Organic Gases Tons/Yr:	0
Carbon Monoxide Emissions Tons/Yr:	0
NOX - Oxides of Nitrogen Tons/Yr:	0
SOX - Oxides of Sulphur Tons/Yr:	0
Particulate Matter Tons/Yr:	0
Part. Matter 10 Micrometers & Smllr Tons/Yr:	0

Year:	1995
Carbon Monoxide Emissions Tons/Yr:	43

APTOS CORP (Continued) **1000342106**

Air Basin:	SF
Facility ID:	2346
Air District Name:	BA
SIC Code:	3674
Air District Name:	BAY AREA AQMD
Community Health Air Pollution Info System:	Not reported
Consolidated Emission Reporting Rule:	Not reported
Total Organic Hydrocarbon Gases Tons/Yr:	0
Reactive Organic Gases Tons/Yr:	0
Carbon Monoxide Emissions Tons/Yr:	0
NOX - Oxides of Nitrogen Tons/Yr:	0
SOX - Oxides of Sulphur Tons/Yr:	0
Particulate Matter Tons/Yr:	0
Part. Matter 10 Micrometers & Smllr Tons/Yr:	0

AL185 **LOCKHEED MISSIES & SPACE CO** **RCRA-LQG** **1000270363**
East **227 CURTIS AVE BLDG 514** **CAD981694656**
1/2-1 **MILPITAS, CA 95035**
4209 ft.

Site 1 of 2 in cluster AL

Relative:
Higher

Actual:
27 ft.

RCRAInfo:

Owner:	NOT REQUIRED
	(415) 555-1212
EPA ID:	CAD981694656
Contact:	Not reported
Classification:	Large Quantity Generator
TSDF Activities:	Not reported

Violation Status: No violations found

AL186 **LOCKHEED MARTIN MISSILES & SPACE** **HAZNET** **S103643541**
East **227 CURTIS AVE BLDG 514** **N/A**
1/2-1 **MILPITAS, CA 95035**
4209 ft.

Site 2 of 2 in cluster AL

Relative:
Higher

Actual:
27 ft.

HAZNET:

Gepaid:	CAD981694656
Contact:	JIM SEAVER
Telephone:	4087420243
Facility Addr2:	Not reported
Mailing Name:	Not reported
Mailing Address:	P O BOX 3504 B/157 O/EK-10
Mailing City,St,Zip:	SUNNYVALE, CA 940893504
Gen County:	Santa Clara
TSD EPA ID:	Not reported
TSD County:	Santa Clara
Waste Category:	Unspecified oil-containing waste
Disposal Method:	Disposal, Other
Tons:	0.02
Facility County:	Not reported

Gepaid:	CAD981694656
Contact:	JIM SEAVER
Telephone:	4087420243

LOCKHEED MARTIN MISSILES & SPACE (Continued) **S103643541**

Facility Addr2:	Not reported
Mailing Name:	Not reported
Mailing Address:	P O BOX 3504 B/157 O/EK-10
Mailing City,St,Zip:	SUNNYVALE, CA 940893504
Gen County:	Santa Clara
TSD EPA ID:	Not reported
TSD County:	Santa Clara
Waste Category:	Other organic solids
Disposal Method:	Transfer Station
Tons:	0.74
Facility County:	Not reported

Gepaid:	CAD981694656
Contact:	LOCKHEED MARTIN CORP
Telephone:	4087428696
Facility Addr2:	Not reported
Mailing Name:	Not reported
Mailing Address:	PO BOX 3504
Mailing City,St,Zip:	SUNNYVALE, CA 940883504
Gen County:	Santa Clara
TSD EPA ID:	UTD981552177
TSD County:	99
Waste Category:	Other inorganic solid waste
Disposal Method:	Treatment, Incineration
Tons:	.6500
Facility County:	Santa Clara

Gepaid:	CAD981694656
Contact:	LOCKHEED MARTIN CORP
Telephone:	4087428696
Facility Addr2:	Not reported
Mailing Name:	Not reported
Mailing Address:	PO BOX 3504
Mailing City,St,Zip:	SUNNYVALE, CA 940883504
Gen County:	Santa Clara
TSD EPA ID:	UTD991301748
TSD County:	99
Waste Category:	Polychlorinated biphenyls and material containing PCB's
Disposal Method:	Transfer Station
Tons:	.0231
Facility County:	Santa Clara

Gepaid:	CAD981694656
Contact:	LOCKHEED MARTIN CORP
Telephone:	4087428696
Facility Addr2:	Not reported
Mailing Name:	Not reported
Mailing Address:	PO BOX 3504
Mailing City,St,Zip:	SUNNYVALE, CA 940883504
Gen County:	Santa Clara
TSD EPA ID:	CAD003963592
TSD County:	Santa Clara
Waste Category:	Fluid-cracking catalyst (FCC) waste
Disposal Method:	Recycler
Tons:	.2250
Facility County:	Santa Clara

LOCKHEED MARTIN MISSILES & SPACE (Continued) **S103643541**

Click this hyperlink while viewing on your computer to access
41 additional CA_HAZNET: record(s) in the EDR Site Report.

AM187 **DURAN & VENABLES INC** **HAZNET** **S104579292**
NE **261 BOTHELO AVENUE** **N/A**
1/2-1 **MILPITAS, CA 95035**
4210 ft.

Site 1 of 4 in cluster AM

Relative:
Lower

Actual:
18 ft.

HAZNET:

Gepaid:	CAL000145541
Contact:	MARCHAND VENABLES/PARTNER
Telephone:	0000000000
Facility Addr2:	Not reported
Mailing Name:	Not reported
Mailing Address:	261 BOTHELO AVE
Mailing City,St,Zip:	MILPITAS, CA 950355338
Gen County:	Santa Clara
TSD EPA ID:	CAL000161743
TSD County:	Santa Clara
Waste Category:	Aqueous solution with 10% or more total organic residues
Disposal Method:	Transfer Station
Tons:	0.2085
Facility County:	Santa Clara

Gepaid:	CAL000145541
Contact:	DAN GARCIA
Telephone:	4089347300
Facility Addr2:	Not reported
Mailing Name:	Not reported
Mailing Address:	261 BOTHELO AVE
Mailing City,St,Zip:	MILPITAS, CA 950355338
Gen County:	Santa Clara
TSD EPA ID:	CAL000161743
TSD County:	Santa Clara
Waste Category:	Waste oil and mixed oil
Disposal Method:	Recycler
Tons:	1.85
Facility County:	Santa Clara

AK188 **APPLIED INFORMATION MEMORIES** **RCRA-SQG** **1000284781**
SSW **776 SYCAMORE DR** **CAD064708712**
1/2-1 **MILPITAS, CA 95035**
4210 ft.

Site 2 of 4 in cluster AK

Relative:
Higher

Actual:
30 ft.

APPLIED INFORMATION MEMORIES (Continued) **1000284781**

RCRAInfo:
Owner: NOT REQUIRED
(415) 555-1212
EPA ID: CAD064708712
Contact: Not reported
Classification: Small Quantity Generator
TSDF Activities: Not reported
Violation Status: No violations found

189
SE
1/2-1
4227 ft.

Relative:
Higher

Actual:
33 ft.

157 EVERGREEN
MILPITAS, CA 95035

CHMIRS **S100275618**
N/A

CHMIRS:

OES Incident Number:	9009797
OES notification:	Not reported
OES Date:	Not reported
OES Time:	Not reported
Incident Date:	20-JAN-90
Date Completed:	**20-JAN-90**
Property Use:	400
Agency Id Number:	43030
Agency Incident Number:	90-1325F
Time Notified:	1341
Time Completed:	1357
Surrounding Area:	400
Estimated Temperature:	55
Property Management:	P
Special Studies 1:	Not reported
Special Studies 2:	Not reported
Special Studies 3:	Not reported
Special Studies 4:	Not reported
Special Studies 5:	Not reported
Special Studies 6:	Not reported
More Than Two Substances Involved?:	N
Resp Agncy Personel # Of Decontaminated:	0
Responding Agency Personel # Of Injuries:	0
Responding Agency Personel # Of Fatalities:	0
Others Number Of Decontaminated:	0
Others Number Of Injuries:	0
Others Number Of Fatalities:	0
Vehicle Make/year:	Not reported
Vehicle License Number:	Not reported
Vehicle State:	Not reported
Vehicle Id Number:	Not reported
CA/DOT/PUC/ICC Number:	Not reported
Company Name:	Not reported
Reporting Officer Name/ID:	LT. MAXWELL C-17
Report Date:	20-JAN-90
Comments:	N
Facility Telephone:	408 942-2388
Waterway Involved:	Not reported
Waterway:	Not reported
Spill Site:	Not reported
Cleanup By:	Not reported

(Continued) **S100275618**

Containment:	Not reported
What Happened:	Not reported
Type:	Not reported
Measure:	Not reported
Other:	Not reported
Date/Time:	Not reported
Year:	88-92
Agency:	Not reported
Incident Date:	Not reported
Admin Agency:	Not reported
Amount:	Not reported
Contained:	Not reported
Site Type:	Not reported
E Date:	25-JUN-91
Substance:	Not reported
Quantity Released:	Not reported
BBLS:	Not reported
Cups:	Not reported
CUFT:	Not reported
Gallons:	Not reported
Grams:	Not reported
Pounds:	Not reported
Liters:	Not reported
Ounces:	Not reported
Pints:	Not reported
Quarts:	Not reported
Sheen:	Not reported
Tons:	Not reported
Unknown:	Not reported
Description:	Not reported
Evacuations:	Not reported
Number of Injuries:	Not reported
Number of Fatalities:	Not reported

AM190 **CHMIRS** **S100222043**
NE **225 BOTHELO AVE.** **N/A**
1/2-1 **MILPITAS, CA**
4246 ft.

Site 2 of 4 in cluster AM

Relative:
Lower

Actual:
18 ft.

CHMIRS:

OES Incident Number:	9990606
OES notification:	Not reported
OES Date:	Not reported
OES Time:	Not reported
Incident Date:	28-NOV-88
Date Completed:	**28-NOV-88**
Property Use:	936
Agency Id Number:	43030
Agency Incident Number:	1959
Time Notified:	849
Time Completed:	920
Surrounding Area:	936
Estimated Temperature:	65
Property Management:	P
Special Studies 1:	Not reported
Special Studies 2:	Not reported
Special Studies 3:	Not reported

(Continued) **S100222043**

Special Studies 4:	Not reported
Special Studies 5:	Not reported
Special Studies 6:	Not reported
More Than Two Substances Involved?:	N
Resp Agncy Personel # Of Decontaminated:	Not reported
Responding Agency Personel # Of Injuries:	Not reported
Responding Agency Personel # Of Fatalities:	Not reported
Others Number Of Decontaminated:	Not reported
Others Number Of Injuries:	Not reported
Others Number Of Fatalities:	Not reported
Vehicle Make/year:	Not reported
Vehicle License Number:	Not reported
Vehicle State:	Not reported
Vehicle Id Number:	Not reported
CA/DOT/PUC/ICC Number:	Not reported
Company Name:	Not reported
Reporting Officer Name/ID:	LT. KIMBEL / C13
Report Date:	28-JAN-88
Comments:	N
Facility Telephone:	408 942-2388
Waterway Involved:	Not reported
Waterway:	Not reported
Spill Site:	Not reported
Cleanup By:	Not reported
Containment:	Not reported
What Happened:	Not reported
Type:	Not reported
Measure:	Not reported
Other:	Not reported
Date/Time:	Not reported
Year:	88-92
Agency:	Not reported
Incident Date:	Not reported
Admin Agency:	Not reported
Amount:	Not reported
Contained:	Not reported
Site Type:	Not reported
E Date:	16-MAR-89
Substance:	Not reported
Quantity Released:	Not reported
BBLS:	Not reported
Cups:	Not reported
CUFT:	Not reported
Gallons:	Not reported
Grams:	Not reported
Pounds:	Not reported
Liters:	Not reported
Ounces:	Not reported
Pints:	Not reported
Quarts:	Not reported
Sheen:	Not reported
Tons:	Not reported
Unknown:	Not reported
Description:	Not reported
Evacuations:	Not reported
Number of Injuries:	Not reported
Number of Fatalities:	Not reported

AM191
NE
1/2-1
4246 ft.

Relative:
Lower

Actual:
18 ft.

MILPITAS AUTO DISMANTLER
225 BOTHELO AVE
MILPITAS, CA 95035

HAZNET **S103643307**
N/A

Site 3 of 4 in cluster AM

HAZNET:

Gepaid:	CAL000050057
Contact:	TUNG V TRAN-OWNER
Telephone:	4087885095
Facility Addr2:	Not reported
Mailing Name:	Not reported
Mailing Address:	225 BOTHELO AVE
Mailing City,St,Zip:	MILPITAS, CA 950355325
Gen County:	Santa Clara
TSD EPA ID:	Not reported
TSD County:	San Bernardino
Waste Category:	Other organic solids
Disposal Method:	Transfer Station
Tons:	0.17
Facility County:	Not reported

Gepaid:	CAL000050057
Contact:	TUNG V TRAN
Telephone:	0000000000
Facility Addr2:	Not reported
Mailing Name:	Not reported
Mailing Address:	225 BOTHELO AVE
Mailing City,St,Zip:	MILPITAS, CA 950355325
Gen County:	Santa Clara
TSD EPA ID:	CAD982444481
TSD County:	San Bernardino
Waste Category:	Other organic solids
Disposal Method:	Transfer Station
Tons:	0.225
Facility County:	Santa Clara

Gepaid:	CAL000050057
Contact:	TUNG V TRAN
Telephone:	0000000000
Facility Addr2:	Not reported
Mailing Name:	Not reported
Mailing Address:	225 BOTHELO AVE
Mailing City,St,Zip:	MILPITAS, CA 950355325
Gen County:	Santa Clara
TSD EPA ID:	CAD982444481
TSD County:	San Bernardino
Waste Category:	Other organic solids
Disposal Method:	Recycler
Tons:	0.25
Facility County:	Santa Clara

Gepaid:	CAL000050057
Contact:	TUNG V TRAN
Telephone:	0000000000
Facility Addr2:	Not reported
Mailing Name:	Not reported
Mailing Address:	225 BOTHELO AVE
Mailing City,St,Zip:	MILPITAS, CA 950355325

MILPITAS AUTO DISMANTLER (Continued) **S103643307**

Gen County:	Santa Clara
TSD EPA ID:	CAD000088252
TSD County:	Los Angeles
Waste Category:	Unspecified solvent mixture Waste
Disposal Method:	Transfer Station
Tons:	.2293
Facility County:	Santa Clara

Click this hyperlink while viewing on your computer to access
-1 additional CA_HAZNET: record(s) in the EDR Site Report.

AM192 **MILPITAS AUTO DISMANTLER INC** **HAZNET** **S100281118**
NE **225 BOTHELO AVE** **N/A**
1/2-1 **MILPITAS, CA 95035**
4246 ft.

Site 4 of 4 in cluster AM

Relative:
Lower

Actual:
18 ft.

HAZNET:

Gepaid:	CAL000178558
Contact:	TUNG TRAN
Telephone:	4087885095
Facility Addr2:	Not reported
Mailing Name:	Not reported
Mailing Address:	225 BOTHELO AVE
Mailing City,St,Zip:	MILPITAS, CA 950355325
Gen County:	Santa Clara
TSD EPA ID:	CAL000161743
TSD County:	Santa Clara
Waste Category:	Aqueous solution with less than 10% total organic residues
Disposal Method:	Recycler
Tons:	.0834
Facility County:	Santa Clara

Gepaid:	CAL000178558
Contact:	TUNG TRAN
Telephone:	4087885095
Facility Addr2:	Not reported
Mailing Name:	Not reported
Mailing Address:	225 BOTHELO AVE
Mailing City,St,Zip:	MILPITAS, CA 950355325
Gen County:	Santa Clara
TSD EPA ID:	CAL000161743
TSD County:	Santa Clara
Waste Category:	Waste oil and mixed oil
Disposal Method:	Recycler
Tons:	.6255
Facility County:	Santa Clara

AN193
NNE
1/2-1
4249 ft.

Relative:
Lower

Actual:
14 ft.

FELDMAN CHI ROPRACTIC OFFICE
148 W CALAVERAS BLVD
MILPITAS, CA 95035

Site 1 of 3 in cluster AN

HAZNET

S100861979
N/A

HAZNET:

Gepaid:	CAL000043959
Contact:	FELDMAN CHI ROPRACTIC OFFICE
Telephone:	4089457717
Facility Addr2:	Not reported
Mailing Name:	Not reported
Mailing Address:	148 W CALAVERAS BLVD
Mailing City,St,Zip:	MILPITAS, CA 950355202
Gen County:	Santa Clara
TSD EPA ID:	CAL922955281
TSD County:	Santa Clara
Waste Category:	Photochemicals/photoprocessing waste
Disposal Method:	Recycler
Tons:	.0542
Facility County:	Santa Clara

Gepaid:	CAL000043959
Contact:	FELDMAN CHI ROPRACTIC OFFICE
Telephone:	4089457717
Facility Addr2:	Not reported
Mailing Name:	Not reported
Mailing Address:	148 W CALAVERAS BLVD
Mailing City,St,Zip:	MILPITAS, CA 950355202
Gen County:	Santa Clara
TSD EPA ID:	CAT080031628
TSD County:	Kern
Waste Category:	Waste oil and mixed oil
Disposal Method:	Not reported
Tons:	.4170
Facility County:	Santa Clara

Gepaid:	CAL000043959
Contact:	FELDMAN CHI ROPRACTIC OFFICE
Telephone:	4089457717
Facility Addr2:	Not reported
Mailing Name:	Not reported
Mailing Address:	148 W CALAVERAS BLVD
Mailing City,St,Zip:	MILPITAS, CA 950355202
Gen County:	Santa Clara
TSD EPA ID:	CAL922955281
TSD County:	Santa Clara
Waste Category:	Photochemicals/photoprocessing waste
Disposal Method:	Treatment, Incineration
Tons:	.0417
Facility County:	Santa Clara

AK194
SSW
1/2-1
4278 ft.

Relative:
Higher

Actual:
30 ft.

LSI LOGIC CORP
790 SYCAMORE DR
MILPITAS, CA 95035

HAZNET **S103672286**
N/A

Site 3 of 4 in cluster AK

HAZNET:

Gepaid:	CAP600929233
Contact:	Not reported
Telephone:	0000000000
Facility Addr2:	Not reported
Mailing Name:	Not reported
Mailing Address:	1551 MCCARTHY BLVD., MS/F-125
Mailing City,St,Zip:	MILPITAS, CA 950350000
Gen County:	0
TSD EPA ID:	CAT080014079
TSD County:	7
Waste Category:	Other inorganic solid waste
Disposal Method:	Transfer Station
Tons:	1.5000
Facility County:	0

Gepaid:	CAP600929233
Contact:	Not reported
Telephone:	0000000000
Facility Addr2:	Not reported
Mailing Name:	Not reported
Mailing Address:	1551 MCCARTHY BLVD., MS/F-125
Mailing City,St,Zip:	MILPITAS, CA 950350000
Gen County:	0
TSD EPA ID:	CAT080014079
TSD County:	7
Waste Category:	Other organic solids
Disposal Method:	Transfer Station
Tons:	.0750
Facility County:	0

AK195
SSW
1/2-1
4282 ft.

Relative:
Higher

Actual:
30 ft.

LINEAR TECHNOLOGY CORPORATION
790 SYCAMORE DRIVE
MILPITAS, CA 95035

EMI **S107621353**
N/A

Site 4 of 4 in cluster AK

EMI:

Year:	2004
Carbon Monoxide Emissions Tons/Yr:	43
Air Basin:	SF
Facility ID:	830
Air District Name:	BA
SIC Code:	3577
Air District Name:	BAY AREA AQMD
Community Health Air Pollution Info System:	Not reported
Consolidated Emission Reporting Rule:	Not reported
Total Organic Hydrocarbon Gases Tons/Yr:	0.003
Reactive Organic Gases Tons/Yr:	0.0002742
Carbon Monoxide Emissions Tons/Yr:	0
NOX - Oxides of Nitrogen Tons/Yr:	0
SOX - Oxides of Sulphur Tons/Yr:	0
Particulate Matter Tons/Yr:	0
Part. Matter 10 Micrometers & Smllr Tons/Yr:	0

AN196
NNE
1/2-1
4293 ft.

CALAVERAS VETERINARY CLINIC
140 W CALAVERAS BLVD
MILPITAS, CA 95035

HAZNET

S102815492
N/A

Site 2 of 3 in cluster AN

Relative:
Lower

Actual:
14 ft.

HAZNET:

Gepaid:	CAL000077653
Contact:	ANDERSON GREGORY K
Telephone:	0000000000
Facility Addr2:	Not reported
Mailing Name:	Not reported
Mailing Address:	140 W CALAVERAS BLVD
Mailing City,St,Zip:	MILPITAS, CA 950350000
Gen County:	Santa Clara
TSD EPA ID:	CAL922955281
TSD County:	Santa Clara
Waste Category:	Photochemicals/photoprocessing waste
Disposal Method:	Recycler
Tons:	.1250
Facility County:	Santa Clara

Gepaid:	CAL000077653
Contact:	ANDERSON GREGORY K
Telephone:	0000000000
Facility Addr2:	Not reported
Mailing Name:	Not reported
Mailing Address:	140 W CALAVERAS BLVD
Mailing City,St,Zip:	MILPITAS, CA 950350000
Gen County:	Santa Clara
TSD EPA ID:	CAL922955281
TSD County:	Santa Clara
Waste Category:	Photochemicals/photoprocessing waste
Disposal Method:	Recycler
Tons:	.1250
Facility County:	Santa Clara

Gepaid:	CAL000077653
Contact:	ANDERSON GREGORY K
Telephone:	0000000000
Facility Addr2:	Not reported
Mailing Name:	Not reported
Mailing Address:	140 W CALAVERAS BLVD
Mailing City,St,Zip:	MILPITAS, CA 950350000
Gen County:	Santa Clara
TSD EPA ID:	CAL922955281
TSD County:	Santa Clara
Waste Category:	Photochemicals/photoprocessing waste
Disposal Method:	Recycler
Tons:	.0625
Facility County:	Santa Clara

Gepaid:	CAL000077653
Contact:	ANDERSON GREGORY K
Telephone:	0000000000
Facility Addr2:	Not reported
Mailing Name:	Not reported
Mailing Address:	140 W CALAVERAS BLVD
Mailing City,St,Zip:	MILPITAS, CA 950350000

CALAVERAS VETERINARY CLINIC (Continued) **S102815492**

Gen County:	Santa Clara
TSD EPA ID:	CAL92255281
TSD County:	0
Waste Category:	Photochemicals/photoprocessing waste
Disposal Method:	Recycler
Tons:	.0250
Facility County:	Santa Clara
Gepaid:	CAL000077653
Contact:	ANDERSON GREGORY K
Telephone:	0000000000
Facility Addr2:	Not reported
Mailing Name:	Not reported
Mailing Address:	140 W CALAVERAS BLVD
Mailing City,St,Zip:	MILPITAS, CA 950350000
Gen County:	Santa Clara
TSD EPA ID:	CAL922955281
TSD County:	Santa Clara
Waste Category:	Photochemicals/photoprocessing waste
Disposal Method:	Recycler
Tons:	.1000
Facility County:	Santa Clara

Click this hyperlink while viewing on your computer to access
1 additional CA_HAZNET: record(s) in the EDR Site Report.

AO197 **1530 MCCARTHY BLVD** **ERNS** **94362099**
SSW **1530 MCCARTHY BLVD** **N/A**
1/2-1 **MILPITAS, CA 95035**
4300 ft.

Site 1 of 5 in cluster AO

Relative:
Higher

Actual:
30 ft.

Click this hyperlink while viewing on your computer to access
additional ERNS detail in the EDR Site Report.

AO198 **CHMIRS** **S105630906**
SSW **1530 MC CARTY BLVD** **N/A**
1/2-1 **MILPITAS, CA**
4300 ft.

Site 2 of 5 in cluster AO

Relative:
Higher

Actual:
30 ft.

CHMIRS:

OES Incident Number:	27905
OES notification:	Not reported
OES Date:	5/5/1993
OES Time:	03:24:00 PM
Incident Date:	Not reported
Date Completed:	**Not reported**
Property Use:	Not reported
Agency Id Number:	Not reported
Agency Incident Number:	Not reported
Time Notified:	Not reported
Time Completed:	Not reported
Surrounding Area:	Not reported
Estimated Temperature:	Not reported
Property Management:	Not reported
Special Studies 1:	Not reported

(Continued) **S105630906**

Special Studies 2:	Not reported
Special Studies 3:	Not reported
Special Studies 4:	Not reported
Special Studies 5:	Not reported
Special Studies 6:	Not reported
More Than Two Substances Involved?:	Not reported
Resp Agncy Personel # Of Decontaminated:	Not reported
Responding Agency Personel # Of Injuries:	Not reported
Responding Agency Personel # Of Fatalities:	Not reported
Others Number Of Decontaminated:	Not reported
Others Number Of Injuries:	Not reported
Others Number Of Fatalities:	Not reported
Vehicle Make/year:	Not reported
Vehicle License Number:	Not reported
Vehicle State:	Not reported
Vehicle Id Number:	Not reported
CA/DOT/PUC/ICC Number:	Not reported
Company Name:	Not reported
Reporting Officer Name/ID:	Not reported
Report Date:	Not reported
Comments:	Not reported
Facility Telephone:	Not reported
Waterway Involved:	Not reported
Waterway:	Not reported
Spill Site:	Not reported
Cleanup By:	IN PROGRESS SYSTEM PURGED AND SHUT DOWN
Containment:	Not reported
What Happened:	Not reported
Type:	VAPOR
Measure:	Not reported
Other:	Not reported
Date/Time:	Not reported
Year:	1993
Agency:	MILPITAS FD
Incident Date:	1241
Admin Agency:	Not reported
Amount:	1 CUBIC FOOT
Contained:	Not reported
Site Type:	IND PLT
E Date:	Not reported
Substance:	ARSINE GAS
Quantity Released:	Not reported
BBLS:	Not reported
Cups:	Not reported
CUFT:	Not reported
Gallons:	Not reported
Grams:	Not reported
Pounds:	Not reported
Liters:	Not reported
Ounces:	Not reported
Pints:	Not reported
Quarts:	Not reported
Sheen:	Not reported
Tons:	Not reported
Unknown:	Not reported
Description:	EQUIPMENT FAILURE CAUSING A SYSTEM ALARM
Evacuations:	YES

(Continued) **S105630906**

Number of Injuries: NO
Number of Fatalities: UNKNOWN

AO199 **WJ COMMUNICATIONS, INC.** **HAZNET** **1000362634**
SSW **1530 MCCARTHY BLVD** **RCRA-LQG** **CAT080033996**
1/2-1 **MILPITAS, CA 95035** **EMI**
4300 ft.

Site 3 of 5 in cluster AO

Relative: Higher

Actual: 30 ft.

HAZNET:

Gepaid:	CAT080033996
Contact:	M BRINGUEL/DIR OF FACILITIES
Telephone:	4085776406
Facility Addr2:	Not reported
Mailing Name:	Not reported
Mailing Address:	1530 MCCARTHY BLVD
Mailing City,St,Zip:	MILPITAS, CA 950357405
Gen County:	Santa Clara
TSD EPA ID:	CAD009452657
TSD County:	Santa Clara
Waste Category:	Other inorganic solid waste
Disposal Method:	Not reported
Tons:	0.08
Facility County:	Santa Clara

Gepaid:	CAT080033996
Contact:	M BRINGUEL/DIR OF FACILITIES
Telephone:	4085776406
Facility Addr2:	Not reported
Mailing Name:	Not reported
Mailing Address:	1530 MCCARTHY BLVD
Mailing City,St,Zip:	MILPITAS, CA 950357405
Gen County:	Santa Clara
TSD EPA ID:	CAD009452657
TSD County:	Santa Clara
Waste Category:	Laboratory waste chemicals
Disposal Method:	Recycler
Tons:	0.01
Facility County:	Santa Clara

Gepaid:	CAT080033996
Contact:	M BRINGUEL/DIR OF FACILITIES
Telephone:	4085776406
Facility Addr2:	Not reported
Mailing Name:	Not reported
Mailing Address:	1530 MCCARTHY BLVD
Mailing City,St,Zip:	MILPITAS, CA 950357405
Gen County:	Santa Clara
TSD EPA ID:	CAD009452657
TSD County:	Santa Clara
Waste Category:	Aqueous solution with less than 10% total organic residues
Disposal Method:	Recycler
Tons:	0.12
Facility County:	Santa Clara

Gepaid:	CAT080033996
Contact:	M BRINGUEL/DIR OF FACILITIES
Telephone:	4085776406

WJ COMMUNICATIONS, INC. (Continued) **1000362634**

Facility Addr2: Not reported
Mailing Name: Not reported
Mailing Address: 1530 MCCARTHY BLVD
Mailing City,St,Zip: MILPITAS, CA 950357405
Gen County: Santa Clara
TSD EPA ID: CAD009452657
TSD County: Santa Clara
Waste Category: Other inorganic solid waste
Disposal Method: Treatment, Incineration
Tons: 0.02
Facility County: Santa Clara

Gepaid: CAT080033996
Contact: M BRINGUEL/DIR OF FACILITIES
Telephone: 4085776406
Facility Addr2: Not reported
Mailing Name: Not reported
Mailing Address: 1530 MCCARTHY BLVD
Mailing City,St,Zip: MILPITAS, CA 950357405
Gen County: Santa Clara
TSD EPA ID: CAD009452657
TSD County: Santa Clara
Waste Category: Oxygenated solvents (acetone, butanol, ethyl acetate, etc.)
Disposal Method: Recycler
Tons: 25.29
Facility County: Santa Clara

Click this hyperlink while viewing on your computer to access
12 additional CA_HAZNET: record(s) in the EDR Site Report.

RCRAInfo:
Owner: NOT REQUIRED
(415) 555-1212
EPA ID: CAT080033996

Contact: ENVIRONMENTAL MANAGER

Classification: Large Quantity Generator
TSDF Activities: Not reported

Violation Status: Violations exist

Regulation Violated: Not reported
Area of Violation: GENERATOR-GENERAL REQUIREMENTS
Date Violation Determined: 04/22/2005
Actual Date Achieved Compliance: Not reported

Regulation Violated: Not reported
Area of Violation: GENERATOR-GENERAL REQUIREMENTS
Date Violation Determined: 08/05/2003
Actual Date Achieved Compliance: 09/05/2003

Enforcement Action: WRITTEN INFORMAL
Enforcement Action Date: 08/05/2003
Penalty Type: Not reported

There are 2 violation record(s) reported at this site:

Evaluation	Area of Violation	Date of Compliance
Compliance Evaluation Inspection	GENERATOR-GENERAL REQUIREMENTS	

WJ COMMUNICATIONS, INC. (Continued) **1000362634**

Compliance Evaluation Inspection GENERATOR-GENERAL REQUIREMENTS 20030905

EMI:

Year:	1995
Carbon Monoxide Emissions Tons/Yr:	43
Air Basin:	SF
Facility ID:	8883
Air District Name:	BA
SIC Code:	3674
Air District Name:	BAY AREA AQMD
Community Health Air Pollution Info System:	Not reported
Consolidated Emission Reporting Rule:	Not reported
Total Organic Hydrocarbon Gases Tons/Yr:	1
Reactive Organic Gases Tons/Yr:	0
Carbon Monoxide Emissions Tons/Yr:	0
NOX - Oxides of Nitrogen Tons/Yr:	0
SOX - Oxides of Sulphur Tons/Yr:	0
Particulate Matter Tons/Yr:	0
Part. Matter 10 Micrometers & Smllr Tons/Yr:	0

Year:	1996
Carbon Monoxide Emissions Tons/Yr:	43
Air Basin:	SF
Facility ID:	8883
Air District Name:	BA
SIC Code:	3674
Air District Name:	BAY AREA AQMD
Community Health Air Pollution Info System:	Not reported
Consolidated Emission Reporting Rule:	Not reported
Total Organic Hydrocarbon Gases Tons/Yr:	1
Reactive Organic Gases Tons/Yr:	0
Carbon Monoxide Emissions Tons/Yr:	0
NOX - Oxides of Nitrogen Tons/Yr:	0
SOX - Oxides of Sulphur Tons/Yr:	0
Particulate Matter Tons/Yr:	0
Part. Matter 10 Micrometers & Smllr Tons/Yr:	0

Year:	1997
Carbon Monoxide Emissions Tons/Yr:	43
Air Basin:	SF
Facility ID:	8883
Air District Name:	BA
SIC Code:	3674
Air District Name:	BAY AREA AQMD
Community Health Air Pollution Info System:	Not reported
Consolidated Emission Reporting Rule:	Not reported
Total Organic Hydrocarbon Gases Tons/Yr:	2
Reactive Organic Gases Tons/Yr:	1
Carbon Monoxide Emissions Tons/Yr:	0
NOX - Oxides of Nitrogen Tons/Yr:	0
SOX - Oxides of Sulphur Tons/Yr:	0
Particulate Matter Tons/Yr:	0
Part. Matter 10 Micrometers & Smllr Tons/Yr:	0

Year:	1998
Carbon Monoxide Emissions Tons/Yr:	43
Air Basin:	SF

WJ COMMUNICATIONS, INC. (Continued) **1000362634**

Facility ID:	8883
Air District Name:	BA
SIC Code:	3674
Air District Name:	BAY AREA AQMD
Community Health Air Pollution Info System:	Not reported
Consolidated Emission Reporting Rule:	Not reported
Total Organic Hydrocarbon Gases Tons/Yr:	1
Reactive Organic Gases Tons/Yr:	0
Carbon Monoxide Emissions Tons/Yr:	0
NOX - Oxides of Nitrogen Tons/Yr:	0
SOX - Oxides of Sulphur Tons/Yr:	0
Particulate Matter Tons/Yr:	0
Part. Matter 10 Micrometers & Smllr Tons/Yr:	0

Year:	1999
Carbon Monoxide Emissions Tons/Yr:	43
Air Basin:	SF
Facility ID:	8883
Air District Name:	BA
SIC Code:	4899
Air District Name:	BAY AREA AQMD
Community Health Air Pollution Info System:	Not reported
Consolidated Emission Reporting Rule:	Not reported
Total Organic Hydrocarbon Gases Tons/Yr:	1
Reactive Organic Gases Tons/Yr:	1
Carbon Monoxide Emissions Tons/Yr:	0
NOX - Oxides of Nitrogen Tons/Yr:	0
SOX - Oxides of Sulphur Tons/Yr:	0
Particulate Matter Tons/Yr:	0
Part. Matter 10 Micrometers & Smllr Tons/Yr:	0

Year:	2000
Carbon Monoxide Emissions Tons/Yr:	43
Air Basin:	SF
Facility ID:	8883
Air District Name:	BA
SIC Code:	4899
Air District Name:	BAY AREA AQMD
Community Health Air Pollution Info System:	Not reported
Consolidated Emission Reporting Rule:	Not reported
Total Organic Hydrocarbon Gases Tons/Yr:	1
Reactive Organic Gases Tons/Yr:	1
Carbon Monoxide Emissions Tons/Yr:	0
NOX - Oxides of Nitrogen Tons/Yr:	0
SOX - Oxides of Sulphur Tons/Yr:	0
Particulate Matter Tons/Yr:	0
Part. Matter 10 Micrometers & Smllr Tons/Yr:	0

Year:	2001
Carbon Monoxide Emissions Tons/Yr:	43
Air Basin:	SF
Facility ID:	8883
Air District Name:	BA
SIC Code:	4899
Air District Name:	BAY AREA AQMD
Community Health Air Pollution Info System:	Not reported
Consolidated Emission Reporting Rule:	Not reported

WJ COMMUNICATIONS, INC. (Continued) **1000362634**

Total Organic Hydrocarbon Gases Tons/Yr:	9
Reactive Organic Gases Tons/Yr:	7
Carbon Monoxide Emissions Tons/Yr:	0
NOX - Oxides of Nitrogen Tons/Yr:	0
SOX - Oxides of Sulphur Tons/Yr:	0
Particulate Matter Tons/Yr:	0
Part. Matter 10 Micrometers & Smllr Tons/Yr:	0
Year:	2002
Carbon Monoxide Emissions Tons/Yr:	43
Air Basin:	SF
Facility ID:	8883
Air District Name:	BA
SIC Code:	4899
Air District Name:	BAY AREA AQMD
Community Health Air Pollution Info System:	Not reported
Consolidated Emission Reporting Rule:	Not reported
Total Organic Hydrocarbon Gases Tons/Yr:	2
Reactive Organic Gases Tons/Yr:	1
Carbon Monoxide Emissions Tons/Yr:	0
NOX - Oxides of Nitrogen Tons/Yr:	0
SOX - Oxides of Sulphur Tons/Yr:	0
Particulate Matter Tons/Yr:	0
Part. Matter 10 Micrometers & Smllr Tons/Yr:	0
Year:	2003
Carbon Monoxide Emissions Tons/Yr:	43
Air Basin:	SF
Facility ID:	8883
Air District Name:	BA
SIC Code:	4899
Air District Name:	BAY AREA AQMD
Community Health Air Pollution Info System:	Not reported
Consolidated Emission Reporting Rule:	Not reported
Total Organic Hydrocarbon Gases Tons/Yr:	1
Reactive Organic Gases Tons/Yr:	1
Carbon Monoxide Emissions Tons/Yr:	0
NOX - Oxides of Nitrogen Tons/Yr:	0
SOX - Oxides of Sulphur Tons/Yr:	0
Particulate Matter Tons/Yr:	0
Part. Matter 10 Micrometers & Smllr Tons/Yr:	0
Year:	2004
Carbon Monoxide Emissions Tons/Yr:	43
Air Basin:	SF
Facility ID:	8883
Air District Name:	BA
SIC Code:	4899
Air District Name:	BAY AREA AQMD
Community Health Air Pollution Info System:	Not reported
Consolidated Emission Reporting Rule:	Not reported
Total Organic Hydrocarbon Gases Tons/Yr:	1.149
Reactive Organic Gases Tons/Yr:	0.5572393
Carbon Monoxide Emissions Tons/Yr:	0.009
NOX - Oxides of Nitrogen Tons/Yr:	0.043
SOX - Oxides of Sulphur Tons/Yr:	0.001
Particulate Matter Tons/Yr:	0.004

WJ COMMUNICATIONS, INC. (Continued) **1000362634**

Part. Matter 10 Micrometers & Smllr Tons/Yr: 0.003433

AO200 **1530 MCCARTHY BLVD** **ERNS** **93323061**
SSW **1530 MCCARTHY BLVD** **N/A**
1/2-1 **MILPITAS, CA 95035**
4300 ft.

Site 4 of 5 in cluster AO

Relative:
Higher

Actual:
30 ft.

Click this hyperlink while viewing on your computer to access additional ERNS detail in the EDR Site Report.

AO201 **WATKINS-JOHNSON COMPANY** **HAZNET** **S103632546**
SSW **1530 MCCARTHY BLVD** **N/A**
1/2-1 **MILPITAS, CA 95035**
4300 ft.

Site 5 of 5 in cluster AO

Relative:
Higher

Actual:
30 ft.

HAZNET:

Gepaid:	CAT080033996
Contact:	WATKINS-JOHNSON COMPANY
Telephone:	4084335606
Facility Addr2:	Not reported
Mailing Name:	Not reported
Mailing Address:	1530 MCCARTHY BLVD
Mailing City,St,Zip:	MILPITAS, CA 950357405
Gen County:	Mendocino
TSD EPA ID:	CAD009452657
TSD County:	San Mateo
Waste Category:	Oxygenated solvents (acetone, butanol, ethyl acetate, etc.)
Disposal Method:	Recycler
Tons:	1.9222
Facility County:	Mendocino

Gepaid:	CAT080033996
Contact:	WATKINS-JOHNSON COMPANY
Telephone:	4084335606
Facility Addr2:	Not reported
Mailing Name:	Not reported
Mailing Address:	1530 MCCARTHY BLVD
Mailing City,St,Zip:	MILPITAS, CA 950357405
Gen County:	Mendocino
TSD EPA ID:	CAD059494310
TSD County:	Santa Clara
Waste Category:	Other inorganic solid waste
Disposal Method:	Disposal, Other
Tons:	.2450
Facility County:	Mendocino

Gepaid:	CAT080033996
Contact:	WATKINS-JOHNSON COMPANY
Telephone:	4084335606
Facility Addr2:	Not reported
Mailing Name:	Not reported
Mailing Address:	1530 MCCARTHY BLVD
Mailing City,St,Zip:	MILPITAS, CA 950357405
Gen County:	Mendocino
TSD EPA ID:	CAD009466392

WATKINS-JOHNSON COMPANY (Continued) **S103632546**

TSD County: 7
Waste Category: Other empty containers 30 gallons or more
Disposal Method: Disposal, Other
Tons: .3500
Facility County: Mendocino

Gepaid: CAT080033996
Contact: WATKINS-JOHNSON COMPANY
Telephone: 4084335606
Facility Addr2: Not reported
Mailing Name: Not reported
Mailing Address: 1530 MCCARTHY BLVD
Mailing City,St,Zip: MILPITAS, CA 950357405
Gen County: Mendocino
TSD EPA ID: CAD059494310
TSD County: Santa Clara
Waste Category: Oxygenated solvents (acetone, butanol, ethyl acetate, etc.)
Disposal Method: Transfer Station
Tons: .1350
Facility County: Mendocino

Gepaid: CAT080033996
Contact: WATKINS-JOHNSON COMPANY
Telephone: 4084335606
Facility Addr2: Not reported
Mailing Name: Not reported
Mailing Address: 1530 MCCARTHY BLVD
Mailing City,St,Zip: MILPITAS, CA 950357405
Gen County: Mendocino
TSD EPA ID: CAD009452657
TSD County: San Mateo
Waste Category: Not reported
Disposal Method: Recycler
Tons: .7797
Facility County: Mendocino

Click this hyperlink while viewing on your computer to access
179 additional CA_HAZNET: record(s) in the EDR Site Report.

AP202 **REMEC MAGNUM INC** **EMI** **S105939291**
South **1590 BUCKEYE DRIVE** **N/A**
1/2-1 **MILPITAS, CA 95035**
4315 ft.

Site 1 of 7 in cluster AP

Relative:
Higher

Actual:
32 ft.

EMI:
Year: 2001
Carbon Monoxide Emissions Tons/Yr: 43
Air Basin: SF
Facility ID: 12702
Air District Name: BA
SIC Code: 3679
Air District Name: BAY AREA AQMD
Community Health Air Pollution Info System: Not reported
Consolidated Emission Reporting Rule: Not reported
Total Organic Hydrocarbon Gases Tons/Yr: 1
Reactive Organic Gases Tons/Yr: 0
Carbon Monoxide Emissions Tons/Yr: 0

REMEC MAGNUM INC (Continued) **S105939291**

NOX - Oxides of Nitrogen Tons/Yr:	0
SOX - Oxides of Sulphur Tons/Yr:	0
Particulate Matter Tons/Yr:	0
Part. Matter 10 Micrometers & Smllr Tons/Yr:	0

Year:	2002
Carbon Monoxide Emissions Tons/Yr:	43
Air Basin:	SF
Facility ID:	12702
Air District Name:	BA
SIC Code:	3679
Air District Name:	BAY AREA AQMD
Community Health Air Pollution Info System:	Not reported
Consolidated Emission Reporting Rule:	Not reported
Total Organic Hydrocarbon Gases Tons/Yr:	1
Reactive Organic Gases Tons/Yr:	1
Carbon Monoxide Emissions Tons/Yr:	0
NOX - Oxides of Nitrogen Tons/Yr:	0
SOX - Oxides of Sulphur Tons/Yr:	0
Particulate Matter Tons/Yr:	0
Part. Matter 10 Micrometers & Smllr Tons/Yr:	0

Year:	2003
Carbon Monoxide Emissions Tons/Yr:	43
Air Basin:	SF
Facility ID:	12702
Air District Name:	BA
SIC Code:	3679
Air District Name:	BAY AREA AQMD
Community Health Air Pollution Info System:	Not reported
Consolidated Emission Reporting Rule:	Not reported
Total Organic Hydrocarbon Gases Tons/Yr:	1
Reactive Organic Gases Tons/Yr:	1
Carbon Monoxide Emissions Tons/Yr:	0
NOX - Oxides of Nitrogen Tons/Yr:	0
SOX - Oxides of Sulphur Tons/Yr:	0
Particulate Matter Tons/Yr:	0
Part. Matter 10 Micrometers & Smllr Tons/Yr:	0

Year:	2004
Carbon Monoxide Emissions Tons/Yr:	43
Air Basin:	SF
Facility ID:	12702
Air District Name:	BA
SIC Code:	3679
Air District Name:	BAY AREA AQMD
Community Health Air Pollution Info System:	Not reported
Consolidated Emission Reporting Rule:	Not reported
Total Organic Hydrocarbon Gases Tons/Yr:	0.715
Reactive Organic Gases Tons/Yr:	0.286
Carbon Monoxide Emissions Tons/Yr:	0
NOX - Oxides of Nitrogen Tons/Yr:	0
SOX - Oxides of Sulphur Tons/Yr:	0
Particulate Matter Tons/Yr:	0
Part. Matter 10 Micrometers & Smllr Tons/Yr:	0

AP203 **REMEC INC.** **HAZNET** **S105725280**
South **1590 BUCKEYE DR** **N/A**
1/2-1 **MILPITAS, CA 95035**
4315 ft.

Site 2 of 7 in cluster AP

Relative:
Higher

Actual:
32 ft.

HAZNET:

Gepaid:	CAL000221739
Contact:	DON ROWLAND-FACILITIES MGR
Telephone:	4084329898
Facility Addr2:	Not reported
Mailing Name:	Not reported
Mailing Address:	1590 BUCKEYE DR
Mailing City,St,Zip:	MILPITAS, CA 950350000
Gen County:	Santa Clara
TSD EPA ID:	Not reported
TSD County:	San Mateo
Waste Category:	Alkaline solution without metals (pH > 12.5)
Disposal Method:	Treatment, Incineration
Tons:	0.02
Facility County:	Not reported

Gepaid:	CAL000221739
Contact:	DON ROWLAND-FACILITIES MGR
Telephone:	4084329898
Facility Addr2:	Not reported
Mailing Name:	Not reported
Mailing Address:	1590 BUCKEYE DR
Mailing City,St,Zip:	MILPITAS, CA 950350000
Gen County:	Santa Clara
TSD EPA ID:	Not reported
TSD County:	San Mateo
Waste Category:	Unspecified aqueous solution
Disposal Method:	Recycler
Tons:	0.88
Facility County:	Not reported

Gepaid:	CAL000221739
Contact:	DON ROWLAND-FACILITIES MGR
Telephone:	4084329898
Facility Addr2:	Not reported
Mailing Name:	Not reported
Mailing Address:	1590 BUCKEYE DR
Mailing City,St,Zip:	MILPITAS, CA 950350000
Gen County:	Santa Clara
TSD EPA ID:	Not reported
TSD County:	San Mateo
Waste Category:	Oxygenated solvents (acetone, butanol, ethyl acetate, etc.)
Disposal Method:	Recycler
Tons:	0.24
Facility County:	Not reported

Gepaid:	CAL000221739
Contact:	DON ROWLAND-FACILITIES MGR
Telephone:	4084329898
Facility Addr2:	Not reported
Mailing Name:	Not reported
Mailing Address:	1590 BUCKEYE DR
Mailing City,St,Zip:	MILPITAS, CA 950350000

REMEC INC. (Continued) **S105725280**

Gen County: Santa Clara
TSD EPA ID: Not reported
TSD County: San Mateo
Waste Category: Unspecified solvent mixture Waste
Disposal Method: Recycler
Tons: 0.12
Facility County: Not reported

Gepaid: CAL000221739
Contact: GREG PLATIS/FACILITIES MANAGER
Telephone: 4085712180
Facility Addr2: Not reported
Mailing Name: Not reported
Mailing Address: 1590 BUCKEYE DR
Mailing City,St,Zip: MILPITAS, CA 950350000
Gen County: Santa Clara
TSD EPA ID: CAD009452657
TSD County: Santa Clara
Waste Category: Unspecified aqueous solution
Disposal Method: Recycler
Tons: 0.45
Facility County: Santa Clara

Click this hyperlink while viewing on your computer to access
12 additional CA_HAZNET: record(s) in the EDR Site Report.

AQ204 **P G & E LOS ESTEROS SUBSTA** **SAN JOSE HAZMAT** **S106916639**
WNW **1515 ALVISO-MILPITAS RD** **N/A**
1/2-1 **, CA 95119**
4318 ft.

Site 1 of 2 in cluster AQ

Relative: Lower

SAN JOSE HAZMAT:
Region: SAN JOSE
Actual: 17 ft. File Num: 409948
Class: Misc. Complex firms and labs

AQ205 **CALPINE** **HAZNET** **S105688885**
WNW **1515 ALVISO-MILPITAS** **HIST LUST** **N/A**
1/2-1 **SAN JOSE, CA 95101**
4318 ft.

Site 2 of 2 in cluster AQ

Relative: Lower

HAZNET:
Gepaid: CAL000253756
Actual: 17 ft. Contact: DAVE SHIBLEY - SITE SUPR
Telephone: 9252000628
Facility Addr2: Not reported
Mailing Name: Not reported
Mailing Address: PO BOX 11749
Mailing City,St,Zip: PLEASANTON, CA 945881749
Gen County: Santa Clara
TSD EPA ID: Not reported
TSD County: Santa Clara
Waste Category: Waste oil and mixed oil
Disposal Method: Recycler

CALPINE (Continued) **S105688885**

Tons: 0.22
Facility County: Not reported

Gepaid: CAL000253756
Contact: DAVE SHIBLEY - SITE SUPR
Telephone: 9252000628
Facility Addr2: Not reported
Mailing Name: Not reported
Mailing Address: PO BOX 11749
Mailing City,St,Zip: PLEASANTON, CA 945881749
Gen County: Santa Clara
TSD EPA ID: Not reported
TSD County: Santa Clara
Waste Category: Other organic solids
Disposal Method: Transfer Station
Tons: 0.48
Facility County: Not reported

HIST LUST:
Region: SANTA CLARA
SCVWD ID: 06S1W12E01
Region Code: 2
Oversite Agency: SCVWD
Date Listed: 2002-08-16 00:00:00
Closed Date: 2002-08-16 00:00:00

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206 **PRESTON PIPELINES** **HAZNET** **S101482391**
NE **151 BOTHELO AVE** **HIST LUST** **N/A**
1/2-1 **MILPITAS, CA 95035** **ENVIROSTOR**
4325 ft.

Relative:
Lower

Actual:
18 ft.

HAZNET:
Gepaid: CAL000071854
Contact: MICHAEL D PRESTON
Telephone: 4082621418
Facility Addr2: Not reported
Mailing Name: Not reported
Mailing Address: 151 BOTHELO AVE
Mailing City,St,Zip: MILPITAS, CA 950355325
Gen County: Santa Clara
TSD EPA ID: CAD059494310
TSD County: Santa Clara
Waste Category: Unspecified organic liquid mixture
Disposal Method: Transfer Station
Tons: .2293
Facility County: Santa Clara

Gepaid: CAL000071854
Contact: MICHAEL D PRESTON
Telephone: 4082621418
Facility Addr2: Not reported
Mailing Name: Not reported
Mailing Address: 151 BOTHELO AVE
Mailing City,St,Zip: MILPITAS, CA 950355325
Gen County: Santa Clara
TSD EPA ID: CAD059494310
TSD County: Santa Clara

PRESTON PIPELINES (Continued) **S101482391**

Waste Category: Unspecified organic liquid mixture
Disposal Method: Disposal, Other
Tons: .2293
Facility County: Santa Clara

Gepaid: CAL000071854
Contact: MICHAEL D PRESTON
Telephone: 4082621418
Facility Addr2: Not reported
Mailing Name: Not reported
Mailing Address: 151 BOTHELO AVE
Mailing City,St,Zip: MILPITAS, CA 950355325
Gen County: Santa Clara
TSD EPA ID: CAD088838222
TSD County: Santa Cruz
Waste Category: Aqueous solution with 10% or more total organic residues
Disposal Method: Recycler
Tons: .2085
Facility County: Santa Clara

Gepaid: CAL000071854
Contact: MICHAEL D PRESTON
Telephone: 4082621418
Facility Addr2: Not reported
Mailing Name: Not reported
Mailing Address: 151 BOTHELO AVE
Mailing City,St,Zip: MILPITAS, CA 950355325
Gen County: Santa Clara
TSD EPA ID: CAD059494310
TSD County: Santa Clara
Waste Category: Not reported
Disposal Method: Transfer Station
Tons: .0000
Facility County: Santa Clara

Gepaid: CAL000071854
Contact: MICHAEL D PRESTON
Telephone: 4082621418
Facility Addr2: Not reported
Mailing Name: Not reported
Mailing Address: 151 BOTHELO AVE
Mailing City,St,Zip: MILPITAS, CA 950355325
Gen County: Santa Clara
TSD EPA ID: CAD059494310
TSD County: Santa Clara
Waste Category: Other organic solids
Disposal Method: Disposal, Other
Tons: 10.8420
Facility County: Santa Clara

Click this hyperlink while viewing on your computer to access
17 additional CA_HAZNET: record(s) in the EDR Site Report.

HIST LUST:
Region: SANTA CLARA
SCVWD ID: 06S1E07F04
Region Code: 2

PRESTON PIPELINES (Continued) **S101482391**

Oversite Agency: SCCDEH
Date Listed: 2000-11-20 00:00:00
Closed Date: Not reported

ENVIROSTOR:

Site Type:	Historical
Site Type Detailed:	* Historical
Acres:	Not reported
APN:	NONE SPECIFIED
NPL:	NO
Regulatory Agencies:	NONE SPECIFIED
Lead Agency:	NONE SPECIFIED
Program Manager:	Not reported
Supervisor:	Not reported
Division Branch:	North Coast
Envirostor ID:	43490054
Site Code:	Not reported
Assembly:	20
Senate:	10
Special Program:	Not reported
Status:	**Refer: Other Agency**
Status Date:	1994-06-23 00:00:00
Past Use:	NONE SPECIFIED
Potential COC:	10097, 10180, 10193, 10194, 10197, 10198, 20017, 30018
Confirmed COC:	NONE SPECIFIED
Potential Meda Affected:	NONE SPECIFIED
Restricted Use:	NO
Site Mgmt. Req.:	NONE SPECIFIED
Funding:	Not reported
Latitude:	37.4275
Longitude:	-121.903333333333

CA ENVIROSTOR ALIAS:

Alias Type:	Calsites ID Number
Alias Project Name:	43490054
Alias Type:	EPA Identification Number
Alias Project Name:	CAD980736094
Alias Type:	Alternate Name
Alias Project Name:	MILLER AND GIBSON INDUSTRIAL PUMPING
Alias Type:	Alternate Name
Alias Project Name:	PRESTON PIPELINE,INC.

CA ENVIROSTOR COMPLETE:

Area Name:	PROJECT WIDE
Sub Area Name:	Not reported
Document Type:	Site Screening
Completed Date:	/ /
Comments:	Site Screening Done: EPA Federal Investigation Team con- ducted Screening Site Inspection; recommends TSCA and Santa Clara County Environmental Health inspections; NFA for Cercla. Preston Pipeline has three permanent TSD's # CAL000030516, CAL 00006610
Area Name:	PROJECT WIDE
Sub Area Name:	Not reported

PRESTON PIPELINES (Continued) **S101482391**

Document Type: Site Screening
Completed Date: / /
Comments: SITE SCREENING DONE ON EPA'S CERCLIS. STATE PA DONE 2/86.

Area Name: PROJECT WIDE
Sub Area Name: Not reported
Document Type: Discovery
Completed Date: / /
Comments: FACILITY IDENTIFIED ID FROM ERRIS

CA ENVIROSTOR FUTURE:
Area Name: Not reported
Sub Area Name: Not reported
Document Type: Not reported
Due Date: Not reported

CA ENVIROSTOR SCHEDULE:
Area Name: Not reported
Sub Area Name: Not reported
Document Type: Not reported
Due Date: Not reported
Revised Date: Not reported

207
SE
1/2-1
4351 ft.

PINEWOOD WELL
232 GREENTREE WY
MILPITAS, CA 95035

HAZNET **S103957109**
HIST LUST **N/A**

Relative: Higher

Actual: 33 ft.

HAZNET:
Gepaid: CAC001356216
Contact: CITY OF MILPITAS
Telephone: 4089422465
Facility Addr2: Not reported
Mailing Name: Not reported
Mailing Address: 1265 N MILPITAS
Mailing City,St,Zip: MILPITAS, CA 950350000
Gen County: Santa Clara
TSD EPA ID: CAD009466392
TSD County: 7
Waste Category: Other empty containers 30 gallons or more
Disposal Method: Disposal, Other
Tons: .2500
Facility County: Santa Clara

HIST LUST:
Region: SANTA CLARA
SCVWD ID: 06S1E18L01
Region Code: 2
Oversite Agency: SCVWD
Date Listed: 1998-09-11 00:00:00
Closed Date: 1999-08-04 00:00:00

AN208
NNE
1/2-1
4368 ft.

MARYJANE L FUSTER DMD
126 W CALAVERAS
MILPITAS, CA 95035

HAZNET **S104582481**
N/A

Site 3 of 3 in cluster AN

Relative:
Lower

Actual:
15 ft.

HAZNET:

Gepaid:	CAL000197054
Contact:	MARYJANE L FUSTER DMD
Telephone:	0000000000
Facility Addr2:	Not reported
Mailing Name:	Not reported
Mailing Address:	126 W CALAVERAS
Mailing City,St,Zip:	MILPITAS, CA 950350000
Gen County:	Santa Clara
TSD EPA ID:	CA0000084517
TSD County:	Sacramento
Waste Category:	Photochemicals/photoprocessing waste
Disposal Method:	Transfer Station
Tons:	0.125
Facility County:	Santa Clara

Gepaid:	CAL000197054
Contact:	TIM WILCOCK
Telephone:	4089340391
Facility Addr2:	Not reported
Mailing Name:	Not reported
Mailing Address:	126 W CALAVERAS
Mailing City,St,Zip:	MILPITAS, CA 950350000
Gen County:	Santa Clara
TSD EPA ID:	Not reported
TSD County:	Sacramento
Waste Category:	Photochemicals/photoprocessing waste
Disposal Method:	Transfer Station
Tons:	0.12
Facility County:	Not reported

Gepaid:	CAL000197054
Contact:	MARYJANE L FUSTER DMD
Telephone:	0000000000
Facility Addr2:	Not reported
Mailing Name:	Not reported
Mailing Address:	126 W CALAVERAS
Mailing City,St,Zip:	MILPITAS, CA 950350000
Gen County:	Santa Clara
TSD EPA ID:	CA0000084517
TSD County:	Sacramento
Waste Category:	Photochemicals/photoprocessing waste
Disposal Method:	Transfer Station
Tons:	.1250
Facility County:	Santa Clara

Gepaid:	CAL000197054
Contact:	MARY JANE L. FUSTER/OWNER
Telephone:	4089340391
Facility Addr2:	Not reported
Mailing Name:	Not reported
Mailing Address:	126 W CALAVERAS
Mailing City,St,Zip:	MILPITAS, CA 950350000

MARYJANE L FUSTER DMD (Continued) **S104582481**

Gen County:	Santa Clara
TSD EPA ID:	CA0000084517
TSD County:	Santa Clara
Waste Category:	Photochemicals/photoprocessing waste
Disposal Method:	Transfer Station
Tons:	0.06
Facility County:	Santa Clara

Gepaid:	CAL000197054
Contact:	TIM WILCOCK
Telephone:	4089340391
Facility Addr2:	Not reported
Mailing Name:	Not reported
Mailing Address:	126 W CALAVERAS
Mailing City,St,Zip:	MILPITAS, CA 950350000
Gen County:	Santa Clara
TSD EPA ID:	Not reported
TSD County:	Sacramento
Waste Category:	Photochemicals/photoprocessing waste
Disposal Method:	Transfer Station
Tons:	0.12
Facility County:	Not reported

Click this hyperlink while viewing on your computer to access additional CA_HAZNET: detail in the EDR Site Report.

AP209 **XICOR INC** **HAZNET** **S105725210**
South **801 BUCKEYE COURT** **EMI** **N/A**
1/2-1 **MILPITAS, CA 95035**
4370 ft.

Site 3 of 7 in cluster AP

Relative: Higher

Actual: 32 ft.

HAZNET:

Gepaid:	CAL000221088
Contact:	KENNETH LYNCH/EHNS
Telephone:	4085463321
Facility Addr2:	Not reported
Mailing Name:	Not reported
Mailing Address:	1511 BUCKEYE DR
Mailing City,St,Zip:	MILPITAS, CA 950350000
Gen County:	Santa Clara
TSD EPA ID:	Not reported
TSD County:	Los Angeles
Waste Category:	Other inorganic solid waste
Disposal Method:	Transfer Station
Tons:	0.02
Facility County:	Not reported

EMI:

Year:	1990
Carbon Monoxide Emissions Tons/Yr:	43
Air Basin:	SF
Facility ID:	4891
Air District Name:	BA
SIC Code:	3825
Air District Name:	BAY AREA AQMD
Community Health Air Pollution Info System:	Not reported

XICOR INC (Continued) **S105725210**

Consolidated Emission Reporting Rule:	Not reported
Total Organic Hydrocarbon Gases Tons/Yr:	0
Reactive Organic Gases Tons/Yr:	0
Carbon Monoxide Emissions Tons/Yr:	0
NOX - Oxides of Nitrogen Tons/Yr:	0
SOX - Oxides of Sulphur Tons/Yr:	0
Particulate Matter Tons/Yr:	0
Part. Matter 10 Micrometers & Smllr Tons/Yr:	0

AP210 **REMEC CSH INC** **EMI** **1006823492**
South **804 BUCKEYE COURT** **110013820614**
1/2-1 **MILPITAS, CA 95035**
4375 ft.

Site 4 of 7 in cluster AP

Relative: Higher

Actual: 32 ft.

EMI:

Year:	1998
Carbon Monoxide Emissions Tons/Yr:	43
Air Basin:	SF
Facility ID:	11295
Air District Name:	BA
SIC Code:	3679
Air District Name:	BAY AREA AQMD
Community Health Air Pollution Info System:	Not reported
Consolidated Emission Reporting Rule:	Not reported
Total Organic Hydrocarbon Gases Tons/Yr:	0
Reactive Organic Gases Tons/Yr:	0
Carbon Monoxide Emissions Tons/Yr:	0
NOX - Oxides of Nitrogen Tons/Yr:	0
SOX - Oxides of Sulphur Tons/Yr:	0
Particulate Matter Tons/Yr:	0
Part. Matter 10 Micrometers & Smllr Tons/Yr:	0

Year:	1999
Carbon Monoxide Emissions Tons/Yr:	43
Air Basin:	SF
Facility ID:	11295
Air District Name:	BA
SIC Code:	3679
Air District Name:	BAY AREA AQMD
Community Health Air Pollution Info System:	Not reported
Consolidated Emission Reporting Rule:	Not reported
Total Organic Hydrocarbon Gases Tons/Yr:	0
Reactive Organic Gases Tons/Yr:	0
Carbon Monoxide Emissions Tons/Yr:	0
NOX - Oxides of Nitrogen Tons/Yr:	0
SOX - Oxides of Sulphur Tons/Yr:	0
Particulate Matter Tons/Yr:	0
Part. Matter 10 Micrometers & Smllr Tons/Yr:	0

Year:	2000
Carbon Monoxide Emissions Tons/Yr:	43
Air Basin:	SF
Facility ID:	11295
Air District Name:	BA
SIC Code:	3679
Air District Name:	BAY AREA AQMD
Community Health Air Pollution Info System:	Not reported

REMEC CSH INC (Continued) **1006823492**

Consolidated Emission Reporting Rule:	Not reported
Total Organic Hydrocarbon Gases Tons/Yr:	0
Reactive Organic Gases Tons/Yr:	0
Carbon Monoxide Emissions Tons/Yr:	0
NOX - Oxides of Nitrogen Tons/Yr:	0
SOX - Oxides of Sulphur Tons/Yr:	0
Particulate Matter Tons/Yr:	0
Part. Matter 10 Micrometers & Smllr Tons/Yr:	0

Year:	2001
Carbon Monoxide Emissions Tons/Yr:	43
Air Basin:	SF
Facility ID:	11295
Air District Name:	BA
SIC Code:	3679
Air District Name:	BAY AREA AQMD
Community Health Air Pollution Info System:	Not reported
Consolidated Emission Reporting Rule:	Not reported
Total Organic Hydrocarbon Gases Tons/Yr:	0
Reactive Organic Gases Tons/Yr:	0
Carbon Monoxide Emissions Tons/Yr:	0
NOX - Oxides of Nitrogen Tons/Yr:	0
SOX - Oxides of Sulphur Tons/Yr:	0
Particulate Matter Tons/Yr:	0
Part. Matter 10 Micrometers & Smllr Tons/Yr:	0

AP211
South
1/2-1
4375 ft.

Relative: Higher

Actual: 32 ft.

C&S HYBRID INC **HAZNET** **S103953805**
804 BUCKEYE CT **N/A**
MILPITAS, CA 95035

Site 5 of 7 in cluster AP

HAZNET:

Gepaid:	CAL000144942
Contact:	CHOW TAO
Telephone:	0000000000
Facility Addr2:	Not reported
Mailing Name:	Not reported
Mailing Address:	804 BUCKEYE CT
Mailing City,St,Zip:	MILPITAS, CA 950357408
Gen County:	Santa Clara
TSD EPA ID:	CAD009452657
TSD County:	San Mateo
Waste Category:	Oxygenated solvents (acetone, butanol, ethyl acetate, etc.)
Disposal Method:	Recycler
Tons:	.9172
Facility County:	Santa Clara

Gepaid:	CAL000144942
Contact:	CHOW TAO
Telephone:	0000000000
Facility Addr2:	Not reported
Mailing Name:	Not reported
Mailing Address:	804 BUCKEYE CT
Mailing City,St,Zip:	MILPITAS, CA 950357408
Gen County:	Santa Clara
TSD EPA ID:	CAD009452657
TSD County:	San Mateo

C&S HYBRID INC (Continued) **S103953805**

Waste Category: Other organic solids
Disposal Method: Not reported
Tons: .0500
Facility County: Santa Clara

Gepaid: CAL000144942
Contact: CHOW TAO
Telephone: 0000000000
Facility Addr2: Not reported
Mailing Name: Not reported
Mailing Address: 804 BUCKEYE CT
Mailing City,St,Zip: MILPITAS, CA 950357408
Gen County: Santa Clara
TSD EPA ID: CAD009452657
TSD County: San Mateo
Waste Category: Not reported
Disposal Method: Recycler
Tons: .0000
Facility County: Santa Clara

Gepaid: CAL000144942
Contact: CHOW TAO
Telephone: 0000000000
Facility Addr2: Not reported
Mailing Name: Not reported
Mailing Address: 804 BUCKEYE CT
Mailing City,St,Zip: MILPITAS, CA 950357408
Gen County: Santa Clara
TSD EPA ID: CAD009452657
TSD County: San Mateo
Waste Category: Other organic solids
Disposal Method: Recycler
Tons: .2200
Facility County: Santa Clara

Gepaid: CAL000144942
Contact: CHOW TAO
Telephone: 0000000000
Facility Addr2: Not reported
Mailing Name: Not reported
Mailing Address: 804 BUCKEYE CT
Mailing City,St,Zip: MILPITAS, CA 950357408
Gen County: Santa Clara
TSD EPA ID: CAD009452657
TSD County: San Mateo
Waste Category: Oxygenated solvents (acetone, butanol, ethyl acetate, etc.)
Disposal Method: Recycler
Tons: 0.9172
Facility County: Santa Clara

Click this hyperlink while viewing on your computer to access
8 additional CA_HAZNET: record(s) in the EDR Site Report.

AP212
South
1/2-1
4375 ft.

Relative:
Higher

Actual:
32 ft.

AMDAHL CORPORATION
804 BUCKEYE COURT BLDG 012
MILPITAS, CA 95035

RCRA-SQG 1000146437
HAZNET CAD982461774
EMI

Site 6 of 7 in cluster AP

RCRAInfo:
Owner: CALLAHAN-PENTZ PROPS
(415) 555-1212
EPA ID: CAD982461774

Contact: ENVIRONMENTAL MANAGER
(408) 746-7583

Classification: Small Quantity Generator
TSDF Activities: Not reported

Violation Status: No violations found

HAZNET:
Gepaid: CAD982461774
Contact: CPS DEVELOPMENT KATHY TEDRICK
Telephone: 4084377500
Facility Addr2: Not reported
Mailing Name: Not reported
Mailing Address: 1250 E ARQUES AVE
Mailing City,St,Zip: SUNNYVALE, CA 940880000
Gen County: Santa Clara
TSD EPA ID: CAD089446710
TSD County: Los Angeles
Waste Category: Oxygenated solvents (acetone, butanol, ethyl acetate, etc.)
Disposal Method: Recycler
Tons: .0125
Facility County: Santa Clara

Gepaid: CAD982461774
Contact: CPS DEVELOPMENT KATHY TEDRICK
Telephone: 4084377500
Facility Addr2: Not reported
Mailing Name: Not reported
Mailing Address: 1250 E ARQUES AVE
Mailing City,St,Zip: SUNNYVALE, CA 940880000
Gen County: Santa Clara
TSD EPA ID: CAD003963592
TSD County: Santa Clara
Waste Category: Other inorganic solid waste
Disposal Method: Recycler
Tons: .0520
Facility County: Santa Clara

Gepaid: CAD982461774
Contact: CPS DEVELOPMENT KATHY TEDRICK
Telephone: 4084377500
Facility Addr2: Not reported
Mailing Name: Not reported
Mailing Address: 1250 E ARQUES AVE
Mailing City,St,Zip: SUNNYVALE, CA 940880000
Gen County: Santa Clara
TSD EPA ID: CAD009452657
TSD County: San Mateo

AMDAHL CORPORATION (Continued) **1000146437**

Waste Category: Liquids with halogenated organic compounds > 1000 mg/l
Disposal Method: Disposal, Other
Tons: .2293
Facility County: Santa Clara

Gepaid: CAD982461774
Contact: CPS DEVELOPMENT KATHY TEDRICK
Telephone: 4084377500
Facility Addr2: Not reported
Mailing Name: Not reported
Mailing Address: 1250 E ARQUES AVE
Mailing City,St,Zip: SUNNYVALE, CA 940880000
Gen County: Santa Clara
TSD EPA ID: CAD009452657
TSD County: San Mateo
Waste Category: Liquids with halogenated organic compounds > 1000 mg/l
Disposal Method: Recycler
Tons: 1.3760
Facility County: Santa Clara

Gepaid: CAD982461774
Contact: CPS DEVELOPMENT KATHY TEDRICK
Telephone: 4084377500
Facility Addr2: Not reported
Mailing Name: Not reported
Mailing Address: 1250 E ARQUES AVE
Mailing City,St,Zip: SUNNYVALE, CA 940880000
Gen County: Santa Clara
TSD EPA ID: CAD009456257
TSD County: 0
Waste Category: Liquids with halogenated organic compounds > 1000 mg/l
Disposal Method: Not reported
Tons: .4587
Facility County: Santa Clara

Click this hyperlink while viewing on your computer to access
4 additional CA_HAZNET: record(s) in the EDR Site Report.

EMI:
Year: 1987
Carbon Monoxide Emissions Tons/Yr: 43
Air Basin: SF
Facility ID: 2442
Air District Name: BA
SIC Code: 3674
Air District Name: BAY AREA AQMD
Community Health Air Pollution Info System: Not reported
Consolidated Emission Reporting Rule: Not reported
Total Organic Hydrocarbon Gases Tons/Yr: 3
Reactive Organic Gases Tons/Yr: 1
Carbon Monoxide Emissions Tons/Yr: 0
NOX - Oxides of Nitrogen Tons/Yr: 0
SOX - Oxides of Sulphur Tons/Yr: 0
Particulate Matter Tons/Yr: 0
Part. Matter 10 Micrometers & Smllr Tons/Yr: 0

Year: 1990

AMDAHL CORPORATION (Continued) **1000146437**

Carbon Monoxide Emissions Tons/Yr:	43
Air Basin:	SF
Facility ID:	2442
Air District Name:	BA
SIC Code:	3674
Air District Name:	BAY AREA AQMD
Community Health Air Pollution Info System:	Not reported
Consolidated Emission Reporting Rule:	Not reported
Total Organic Hydrocarbon Gases Tons/Yr:	2
Reactive Organic Gases Tons/Yr:	1
Carbon Monoxide Emissions Tons/Yr:	0
NOX - Oxides of Nitrogen Tons/Yr:	0
SOX - Oxides of Sulphur Tons/Yr:	0
Particulate Matter Tons/Yr:	0
Part. Matter 10 Micrometers & Smllr Tons/Yr:	0

Year:	1993
Carbon Monoxide Emissions Tons/Yr:	43
Air Basin:	SF
Facility ID:	2442
Air District Name:	BA
SIC Code:	3674
Air District Name:	BAY AREA AQMD
Community Health Air Pollution Info System:	Not reported
Consolidated Emission Reporting Rule:	Not reported
Total Organic Hydrocarbon Gases Tons/Yr:	3
Reactive Organic Gases Tons/Yr:	1
Carbon Monoxide Emissions Tons/Yr:	0
NOX - Oxides of Nitrogen Tons/Yr:	0
SOX - Oxides of Sulphur Tons/Yr:	0
Particulate Matter Tons/Yr:	0
Part. Matter 10 Micrometers & Smllr Tons/Yr:	0

Year:	1996
Carbon Monoxide Emissions Tons/Yr:	43
Air Basin:	SF
Facility ID:	2442
Air District Name:	BA
SIC Code:	3674
Air District Name:	BAY AREA AQMD
Community Health Air Pollution Info System:	Not reported
Consolidated Emission Reporting Rule:	Not reported
Total Organic Hydrocarbon Gases Tons/Yr:	0
Reactive Organic Gases Tons/Yr:	0
Carbon Monoxide Emissions Tons/Yr:	0
NOX - Oxides of Nitrogen Tons/Yr:	0
SOX - Oxides of Sulphur Tons/Yr:	0
Particulate Matter Tons/Yr:	0
Part. Matter 10 Micrometers & Smllr Tons/Yr:	0

AP213
South
1/2-1
4421 ft.

Relative:
Higher

Actual:
33 ft.

XICOR INC
1611 BUCKEYE DRIVE
MILPITAS, CA 95035

RCRA-SQG 1000340498
HAZNET CAD982469074

Site 7 of 7 in cluster AP

RCRAInfo:
Owner: W L MAROCCO
(415) 555-1212
EPA ID: CAD982469074
Contact: ENVIRONMENTAL MANAGER
(408) 432-8888
Classification: Small Quantity Generator
TSDF Activities: Not reported

Violation Status: No violations found

HAZNET:

Gepaid:	CAD982469074
Contact:	XICOR INC
Telephone:	4084328888
Facility Addr2:	Not reported
Mailing Name:	Not reported
Mailing Address:	1511 BUCKEYE DR
Mailing City,St,Zip:	MILPITAS, CA 950357431
Gen County:	Santa Clara
TSD EPA ID:	CAD003963592
TSD County:	Santa Clara
Waste Category:	Other inorganic solid waste
Disposal Method:	Recycler
Tons:	.2375
Facility County:	Santa Clara

Gepaid:	CAD982469074
Contact:	XICOR INC
Telephone:	4084328888
Facility Addr2:	Not reported
Mailing Name:	Not reported
Mailing Address:	1511 BUCKEYE DR
Mailing City,St,Zip:	MILPITAS, CA 950357431
Gen County:	Santa Clara
TSD EPA ID:	AZD049318009
TSD County:	99
Waste Category:	Oxygenated solvents (acetone, butanol, ethyl acetate, etc.)
Disposal Method:	Not reported
Tons:	.1251
Facility County:	Santa Clara

Gepaid:	CAD982469074
Contact:	XICOR INC
Telephone:	4084328888
Facility Addr2:	Not reported
Mailing Name:	Not reported
Mailing Address:	1511 BUCKEYE DR
Mailing City,St,Zip:	MILPITAS, CA 950357431
Gen County:	Santa Clara
TSD EPA ID:	CAD003963592
TSD County:	Santa Clara

XICOR INC (Continued) **1000340498**

Waste Category:	Other inorganic solid waste
Disposal Method:	Recycler
Tons:	.1500
Facility County:	Santa Clara
Gepaid:	CAD982469074
Contact:	XICOR INC
Telephone:	4084328888
Facility Addr2:	Not reported
Mailing Name:	Not reported
Mailing Address:	1511 BUCKEYE DR
Mailing City,St,Zip:	MILPITAS, CA 950357431
Gen County:	Santa Clara
TSD EPA ID:	CAT080010101
TSD County:	San Diego
Waste Category:	Oxygenated solvents (acetone, butanol, ethyl acetate, etc.)
Disposal Method:	Not reported
Tons:	.2293
Facility County:	Santa Clara
Gepaid:	CAD982469074
Contact:	XICOR INC
Telephone:	4084328888
Facility Addr2:	Not reported
Mailing Name:	Not reported
Mailing Address:	1511 BUCKEYE DR
Mailing City,St,Zip:	MILPITAS, CA 950357431
Gen County:	Santa Clara
TSD EPA ID:	CAT080010101
TSD County:	San Diego
Waste Category:	Not reported
Disposal Method:	Transfer Station
Tons:	.2293
Facility County:	Santa Clara

Click this hyperlink while viewing on your computer to access
11 additional CA_HAZNET: record(s) in the EDR Site Report.

AR214
South
1/2-1
4427 ft.

Relative:
Higher

Actual:
32 ft.

XICOR INC **FTTS 1006282575**
850 BUCKEYE CT **110011653807**
MILPITAS, CA 95035

Site 1 of 4 in cluster AR

FTTS Insp:

Region:	09
Inspected Date:	Not reported
Insp Number:	19910323A9002 2
Violation occurred:	No
Inspector:	SKALLO
Investigation Type:	EPCRA, Enforcement, SEE Conducted
Facility Function:	User
Investig Reason:	Not reported
Legislation Code:	EPCRA

AR215 **STANDARD MEMORY SYSTEMS INCORPORATED** **HAZNET** **1000340497**
South **851 BUCKEYE COURT** **RCRA-LQG** **CAD981462484**
1/2-1 **MILPITAS, CA 95035** **UST**
4427 ft. **CA WDS**

Site 2 of 4 in cluster AR

Relative:
Higher

Actual:
32 ft.

HAZNET:

Gepaid:	CAD981462484
Contact:	KENNETH LYNCH/EHS
Telephone:	4085463321
Facility Addr2:	Not reported
Mailing Name:	Not reported
Mailing Address:	851 BUCKEYE CT
Mailing City,St,Zip:	MILPITAS, CA 950357408
Gen County:	Santa Clara
TSD EPA ID:	Not reported
TSD County:	Los Angeles
Waste Category:	Liquids with pH <UN-> 2
Disposal Method:	Recycler
Tons:	1.66
Facility County:	Not reported

Gepaid:	CAD981462484
Contact:	KENNETH LYNCH/EHS
Telephone:	4085463321
Facility Addr2:	Not reported
Mailing Name:	Not reported
Mailing Address:	851 BUCKEYE CT
Mailing City,St,Zip:	MILPITAS, CA 950357408
Gen County:	Santa Clara
TSD EPA ID:	Not reported
TSD County:	Not reported
Waste Category:	Other inorganic solid waste
Disposal Method:	Disposal, Land Fill
Tons:	10.05
Facility County:	Not reported

Gepaid:	CAD981462484
Contact:	XICOR INC
Telephone:	4085463321
Facility Addr2:	Not reported
Mailing Name:	Not reported
Mailing Address:	851 BUCKEYE CT
Mailing City,St,Zip:	MILPITAS, CA 950357408
Gen County:	Santa Clara
TSD EPA ID:	AZD049318009
TSD County:	99
Waste Category:	Off-specification, aged, or surplus organics
Disposal Method:	Transfer Station
Tons:	.2501
Facility County:	Santa Clara

Gepaid:	CAD981462484
Contact:	XICOR INC
Telephone:	4085463321
Facility Addr2:	Not reported
Mailing Name:	Not reported
Mailing Address:	851 BUCKEYE CT
Mailing City,St,Zip:	MILPITAS, CA 950357408

STANDARD MEMORY SYSTEMS INCORPORATED (Continued) **1000340497**

Gen County: Santa Clara
TSD EPA ID: AZD049318009
TSD County: 99
Waste Category: Organic solids with halogens
Disposal Method: Not reported
Tons: .2293
Facility County: Santa Clara

Gepaid: CAD981462484
Contact: XICOR INC
Telephone: 4085463321
Facility Addr2: Not reported
Mailing Name: Not reported
Mailing Address: 851 BUCKEYE CT
Mailing City,St,Zip: MILPITAS, CA 950357408
Gen County: Santa Clara
TSD EPA ID: CAD059494310
TSD County: Santa Clara
Waste Category: Unspecified organic liquid mixture
Disposal Method: Disposal, Other
Tons: 15.6375
Facility County: Santa Clara

Click this hyperlink while viewing on your computer to access
197 additional CA_HAZNET: record(s) in the EDR Site Report.

RCRAInfo:
Owner: NOT REQUIRED
(415) 555-1212
EPA ID: CAD981462484

Contact: Not reported

Classification: Large Quantity Generator
TSDF Activities: Not reported

Violation Status: No violations found

UST:
Region: STATE
Local Agency: Milpitas, Santa Clara County
Facility ID: 43-011-04639-00

CA WDS:
Facility ID: San Francisco Bay 43I016609
Facility Type: Industrial - Facility that treats and/or disposes of liquid or semisolid wastes from any servicing, producing, manufacturing or processing operation of whatever nature, including mining, gravel washing, geothermal operations, air conditioning, ship building and repairing, oil production, storage and disposal operations, water pumping.
Facility Status: Active - Any facility with a continuous or seasonal discharge that is under Waste Discharge Requirements.
NPDES Number: CAS000001 The 1st 2 characters designate the state. The remaining 7 are assigned by the Regional Board
Subregion: 2
Facility Telephone: 4085463606
Facility Contact: W KENNETH LYNCH

STANDARD MEMORY SYSTEMS INCORPORATED (Continued) **1000340497**

Agency Name:	STANDARD MEMS INC
Agency Address:	851 Buckeye Ct
Agency City,St,Zip:	Milpitas 950357408
Agency Contact:	W KENNETH LYNCH
Agency Telephone:	4085463606
Agency Type:	Private
SIC Code:	Not reported
SIC Code 2:	Not reported
Primary Waste:	Not reported
Primary Waste Type:	Not reported
Secondary Waste:	Not reported
Secondary Waste Type:	Not reported
Design Flow:	Not reported
Baseline Flow:	Not reported
Reclamation:	Not reported
POTW:	Not reported
Treat To Water:	Minor Threat to Water Quality. A violation of a regional board order should cause a relatively minor impairment of beneficial uses compared to a major or minor threat. Not: All nurds without a TTWQ will be considered a minor threat to water quality unless coded at a higher Level. A Zero (0) may be used to code those NURDS that are found to represent no threat to water quality.
Complexity:	Category C - Facilities having no waste treatment systems, such as cooling water dischargers or thosewho must comply through best management practices, facilities with passive waste treatment and disposal systems, such as septic systems with subsurface disposal, or dischargers having waste storage systems with land disposal such as dairy waste ponds.

AR216
South
1/2-1
4427 ft.

Relative:
Higher

Actual:
32 ft.

STANDARD MEMS INC **HAZNET S105721962**
851 BUCKEYE COURT **EMI N/A**
MILPITAS, CA 95035

Site 3 of 4 in cluster AR

HAZNET:

Gepaid:	CAD981462484
Contact:	KENNETH LYNCH/EHS
Telephone:	4085463321
Facility Addr2:	Not reported
Mailing Name:	WILLIAM KENNETH LYNCH/EHS
Mailing Address:	851 BUCKEYE CT
Mailing City,St,Zip:	MILPITAS, CA 950357408
Gen County:	Santa Clara
TSD EPA ID:	CAT000646117
TSD County:	Santa Clara
Waste Category:	Other inorganic solid waste
Disposal Method:	Disposal, Land Fill
Tons:	67.42
Facility County:	Santa Clara

EMI:

Year:	1987
Carbon Monoxide Emissions Tons/Yr:	43
Air Basin:	SF
Facility ID:	2013
Air District Name:	BA
SIC Code:	3674
Air District Name:	BAY AREA AQMD

STANDARD MEMS INC (Continued) **S105721962**

Community Health Air Pollution Info System:	Not reported
Consolidated Emission Reporting Rule:	Not reported
Total Organic Hydrocarbon Gases Tons/Yr:	8
Reactive Organic Gases Tons/Yr:	4
Carbon Monoxide Emissions Tons/Yr:	0
NOX - Oxides of Nitrogen Tons/Yr:	0
SOX - Oxides of Sulphur Tons/Yr:	0
Particulate Matter Tons/Yr:	0
Part. Matter 10 Micrometers & Smllr Tons/Yr:	0

Year:	1990
Carbon Monoxide Emissions Tons/Yr:	43
Air Basin:	SF
Facility ID:	2013
Air District Name:	BA
SIC Code:	3674
Air District Name:	BAY AREA AQMD
Community Health Air Pollution Info System:	Not reported
Consolidated Emission Reporting Rule:	Not reported
Total Organic Hydrocarbon Gases Tons/Yr:	25
Reactive Organic Gases Tons/Yr:	12
Carbon Monoxide Emissions Tons/Yr:	0
NOX - Oxides of Nitrogen Tons/Yr:	1
SOX - Oxides of Sulphur Tons/Yr:	0
Particulate Matter Tons/Yr:	0
Part. Matter 10 Micrometers & Smllr Tons/Yr:	0

Year:	1995
Carbon Monoxide Emissions Tons/Yr:	43
Air Basin:	SF
Facility ID:	2013
Air District Name:	BA
SIC Code:	3674
Air District Name:	BAY AREA AQMD
Community Health Air Pollution Info System:	Not reported
Consolidated Emission Reporting Rule:	Not reported
Total Organic Hydrocarbon Gases Tons/Yr:	6
Reactive Organic Gases Tons/Yr:	3
Carbon Monoxide Emissions Tons/Yr:	0
NOX - Oxides of Nitrogen Tons/Yr:	1
SOX - Oxides of Sulphur Tons/Yr:	0
Particulate Matter Tons/Yr:	0
Part. Matter 10 Micrometers & Smllr Tons/Yr:	0

Year:	1996
Carbon Monoxide Emissions Tons/Yr:	43
Air Basin:	SF
Facility ID:	2013
Air District Name:	BA
SIC Code:	3674
Air District Name:	BAY AREA AQMD
Community Health Air Pollution Info System:	Not reported
Consolidated Emission Reporting Rule:	Not reported
Total Organic Hydrocarbon Gases Tons/Yr:	19
Reactive Organic Gases Tons/Yr:	12
Carbon Monoxide Emissions Tons/Yr:	0
NOX - Oxides of Nitrogen Tons/Yr:	1

STANDARD MEMS INC (Continued) **S105721962**

SOX - Oxides of Sulphur Tons/Yr:	0
Particulate Matter Tons/Yr:	0
Part. Matter 10 Micrometers & Smllr Tons/Yr:	0
Year:	1997
Carbon Monoxide Emissions Tons/Yr:	43
Air Basin:	SF
Facility ID:	2013
Air District Name:	BA
SIC Code:	3674
Air District Name:	BAY AREA AQMD
Community Health Air Pollution Info System:	Not reported
Consolidated Emission Reporting Rule:	Not reported
Total Organic Hydrocarbon Gases Tons/Yr:	8
Reactive Organic Gases Tons/Yr:	5
Carbon Monoxide Emissions Tons/Yr:	0
NOX - Oxides of Nitrogen Tons/Yr:	1
SOX - Oxides of Sulphur Tons/Yr:	0
Particulate Matter Tons/Yr:	0
Part. Matter 10 Micrometers & Smllr Tons/Yr:	0
Year:	1998
Carbon Monoxide Emissions Tons/Yr:	43
Air Basin:	SF
Facility ID:	2013
Air District Name:	BA
SIC Code:	3674
Air District Name:	BAY AREA AQMD
Community Health Air Pollution Info System:	Not reported
Consolidated Emission Reporting Rule:	Not reported
Total Organic Hydrocarbon Gases Tons/Yr:	6
Reactive Organic Gases Tons/Yr:	4
Carbon Monoxide Emissions Tons/Yr:	0
NOX - Oxides of Nitrogen Tons/Yr:	1
SOX - Oxides of Sulphur Tons/Yr:	0
Particulate Matter Tons/Yr:	0
Part. Matter 10 Micrometers & Smllr Tons/Yr:	0
Year:	1999
Carbon Monoxide Emissions Tons/Yr:	43
Air Basin:	SF
Facility ID:	2013
Air District Name:	BA
SIC Code:	3674
Air District Name:	BAY AREA AQMD
Community Health Air Pollution Info System:	Not reported
Consolidated Emission Reporting Rule:	Not reported
Total Organic Hydrocarbon Gases Tons/Yr:	6
Reactive Organic Gases Tons/Yr:	5
Carbon Monoxide Emissions Tons/Yr:	0
NOX - Oxides of Nitrogen Tons/Yr:	1
SOX - Oxides of Sulphur Tons/Yr:	0
Particulate Matter Tons/Yr:	0
Part. Matter 10 Micrometers & Smllr Tons/Yr:	0
Year:	2000
Carbon Monoxide Emissions Tons/Yr:	43

STANDARD MEMS INC (Continued) **S105721962**

Air Basin:	SF
Facility ID:	2013
Air District Name:	BA
SIC Code:	3674
Air District Name:	BAY AREA AQMD
Community Health Air Pollution Info System:	Not reported
Consolidated Emission Reporting Rule:	Not reported
Total Organic Hydrocarbon Gases Tons/Yr:	6
Reactive Organic Gases Tons/Yr:	5
Carbon Monoxide Emissions Tons/Yr:	0
NOX - Oxides of Nitrogen Tons/Yr:	1
SOX - Oxides of Sulphur Tons/Yr:	0
Particulate Matter Tons/Yr:	0
Part. Matter 10 Micrometers & Smllr Tons/Yr:	0

Year:	2001
Carbon Monoxide Emissions Tons/Yr:	43
Air Basin:	SF
Facility ID:	12857
Air District Name:	BA
SIC Code:	3674
Air District Name:	BAY AREA AQMD
Community Health Air Pollution Info System:	Not reported
Consolidated Emission Reporting Rule:	Not reported
Total Organic Hydrocarbon Gases Tons/Yr:	3
Reactive Organic Gases Tons/Yr:	2
Carbon Monoxide Emissions Tons/Yr:	0
NOX - Oxides of Nitrogen Tons/Yr:	1
SOX - Oxides of Sulphur Tons/Yr:	0
Particulate Matter Tons/Yr:	0
Part. Matter 10 Micrometers & Smllr Tons/Yr:	0

Year:	2002
Carbon Monoxide Emissions Tons/Yr:	43
Air Basin:	SF
Facility ID:	12857
Air District Name:	BA
SIC Code:	3674
Air District Name:	BAY AREA AQMD
Community Health Air Pollution Info System:	Not reported
Consolidated Emission Reporting Rule:	Not reported
Total Organic Hydrocarbon Gases Tons/Yr:	3
Reactive Organic Gases Tons/Yr:	2
Carbon Monoxide Emissions Tons/Yr:	0
NOX - Oxides of Nitrogen Tons/Yr:	1
SOX - Oxides of Sulphur Tons/Yr:	0
Particulate Matter Tons/Yr:	0
Part. Matter 10 Micrometers & Smllr Tons/Yr:	0

AR217
South
1/2-1
4427 ft.

851 BUCKEYE CT
851 BUCKEYE CT
MILPITAS, CA 95035

Site 4 of 4 in cluster AR

Relative:
Higher

Actual:
32 ft.

Click this hyperlink while viewing on your computer to access additional ERNS detail in the EDR Site Report.

ERNS **93357080**
N/A

218
NNE
1/2-1
4441 ft.

CALAVERAS AUTO PARTS INC
27 E CARLO
MILPITAS, CA 95035

Relative:
Lower

Actual:
17 ft.

RCRAInfo:
Owner: CALAVERAS AUTO PARTS
(415) 555-1212
EPA ID: CAD982461691
Contact: ENVIRONMENTAL MANAGER
(408) 262-0252
Classification: Small Quantity Generator
TSDF Activities: Not reported

Violation Status: No violations found

RCRA-SQG **1000160294**
CAD982461691

219
ENE
1/2-1
4473 ft.

K-MART 75 WELLER LN.
MILPITAS, CA

Relative:
Lower

Actual:
21 ft.

CHMIRS:

OES Incident Number:	9990624
OES notification:	Not reported
OES Date:	Not reported
OES Time:	Not reported
Incident Date:	27-AUG-88
Date Completed:	**27-AUG-88**
Property Use:	500
Agency Id Number:	43030
Agency Incident Number:	88-18291F
Time Notified:	1534
Time Completed:	1630
Surrounding Area:	500
Estimated Temperature:	90
Property Management:	P
Special Studies 1:	Not reported
Special Studies 2:	Not reported
Special Studies 3:	Not reported
Special Studies 4:	Not reported
Special Studies 5:	Not reported
Special Studies 6:	Not reported
More Than Two Substances Involved?:	N
Resp Agncy Personel # Of Decontaminated:	Not reported
Responding Agency Personel # Of Injuries:	Not reported
Responding Agency Personel # Of Fatalities:	Not reported
Others Number Of Decontaminated:	Not reported
Others Number Of Injuries:	Not reported
Others Number Of Fatalities:	Not reported

CHMIRS **S100280654**
N/A

(Continued) **S100280654**

Vehicle Make/year:	Not reported
Vehicle License Number:	Not reported
Vehicle State:	Not reported
Vehicle Id Number:	Not reported
CA/DOT/PUC/ICC Number:	Not reported
Company Name:	Not reported
Reporting Officer Name/ID:	CAPT. BROWN
Report Date:	27-AUG-88
Comments:	N
Facility Telephone:	408 942-2388
Waterway Involved:	Not reported
Waterway:	Not reported
Spill Site:	Not reported
Cleanup By:	Not reported
Containment:	Not reported
What Happened:	Not reported
Type:	Not reported
Measure:	Not reported
Other:	Not reported
Date/Time:	Not reported
Year:	88-92
Agency:	Not reported
Incident Date:	Not reported
Admin Agency:	Not reported
Amount:	Not reported
Contained:	Not reported
Site Type:	Not reported
E Date:	16-MAR-89
Substance:	Not reported
Quantity Released:	Not reported
BBLS:	Not reported
Cups:	Not reported
CUFT:	Not reported
Gallons:	Not reported
Grams:	Not reported
Pounds:	Not reported
Liters:	Not reported
Ounces:	Not reported
Pints:	Not reported
Quarts:	Not reported
Sheen:	Not reported
Tons:	Not reported
Unknown:	Not reported
Description:	Not reported
Evacuations:	Not reported
Number of Injuries:	Not reported
Number of Fatalities:	Not reported

220
North
1/2-1
4477 ft.

261 NORTH ABBOTT AVENUE
MILPITAS, CA 95035

CHMIRS **S100277445**
N/A

Relative:
Lower

Actual:
15 ft.

CHMIRS:

OES Incident Number:	9116280
OES notification:	Not reported
OES Date:	Not reported
OES Time:	Not reported
Incident Date:	04-APR-91
Date Completed:	**04-APR-91**
Property Use:	400
Agency Id Number:	43030
Agency Incident Number:	91-7035F
Time Notified:	1649
Time Completed:	1721
Surrounding Area:	400
Estimated Temperature:	70
Property Management:	C
Special Studies 1:	Not reported
Special Studies 2:	Not reported
Special Studies 3:	Not reported
Special Studies 4:	Not reported
Special Studies 5:	Not reported
Special Studies 6:	Not reported
More Than Two Substances Involved?:	N
Resp Agncy Personel # Of Decontaminated:	0
Responding Agency Personel # Of Injuries:	0
Responding Agency Personel # Of Fatalities:	0
Others Number Of Decontaminated:	0
Others Number Of Injuries:	0
Others Number Of Fatalities:	0
Vehicle Make/year:	Not reported
Vehicle License Number:	Not reported
Vehicle State:	Not reported
Vehicle Id Number:	Not reported
CA/DOT/PUC/ICC Number:	Not reported
Company Name:	Not reported
Reporting Officer Name/ID:	CAPT. D. SMITH C-6
Report Date:	04-APR-91
Comments:	N
Facility Telephone:	408 942-2388
Waterway Involved:	Not reported
Waterway:	Not reported
Spill Site:	Not reported
Cleanup By:	Not reported
Containment:	Not reported
What Happened:	Not reported
Type:	Not reported
Measure:	Not reported
Other:	Not reported
Date/Time:	Not reported
Year:	88-92
Agency:	Not reported
Incident Date:	Not reported
Admin Agency:	Not reported
Amount:	Not reported
Contained:	Not reported

(Continued) **S100277445**

Site Type:	Not reported
E Date:	22-JUN-92
Substance:	Not reported
Quantity Released:	Not reported
BBLS:	Not reported
Cups:	Not reported
CUFT:	Not reported
Gallons:	Not reported
Grams:	Not reported
Pounds:	Not reported
Liters:	Not reported
Ounces:	Not reported
Pints:	Not reported
Quarts:	Not reported
Sheen:	Not reported
Tons:	Not reported
Unknown:	Not reported
Description:	Not reported
Evacuations:	Not reported
Number of Injuries:	Not reported
Number of Fatalities:	Not reported

AS221 **MIGUEL'S AUTO SALES AND REPAIR** **HAZNET** **S103625143**
NNE **12 SOUTH MAIN ST** **N/A**
1/2-1 **MILPITAS, CA 95035**
4507 ft.

Site 1 of 2 in cluster AS

Relative:
Lower

Actual:
16 ft.

HAZNET:

Gepaid:	CAL000002119
Contact:	--
Telephone:	4082638844
Facility Addr2:	Not reported
Mailing Name:	Not reported
Mailing Address:	12 S MAIN ST
Mailing City,St,Zip:	MILPITAS, CA 950355311
Gen County:	Santa Clara
TSD EPA ID:	Not reported
TSD County:	Santa Clara
Waste Category:	Aqueous solution with less than 10% total organic residues
Disposal Method:	Recycler
Tons:	0.35
Facility County:	Not reported

Gepaid:	CAL000002119
Contact:	LORENTE MIGUEL
Telephone:	0000000000
Facility Addr2:	Not reported
Mailing Name:	Not reported
Mailing Address:	12 S MAIN ST
Mailing City,St,Zip:	MILPITAS, CA 950355311
Gen County:	Santa Clara
TSD EPA ID:	CAD088838222
TSD County:	Santa Cruz
Waste Category:	Unspecified aqueous solution
Disposal Method:	Recycler
Tons:	0.3627
Facility County:	Santa Clara

MIGUEL'S AUTO SALES AND REPAIR (Continued) **S103625143**

Gepaid:	CAL000002119
Contact:	LORENTE MIGUEL
Telephone:	0000000000
Facility Addr2:	Not reported
Mailing Name:	Not reported
Mailing Address:	12 S MAIN ST
Mailing City,St,Zip:	MILPITAS, CA 950355311
Gen County:	Santa Clara
TSD EPA ID:	CAD982446874
TSD County:	Yolo
Waste Category:	Aqueous solution with less than 10% total organic residues
Disposal Method:	Transfer Station
Tons:	0.7923
Facility County:	Santa Clara

Gepaid:	CAL000002119
Contact:	LORENTE MIGUEL
Telephone:	0000000000
Facility Addr2:	Not reported
Mailing Name:	Not reported
Mailing Address:	12 S MAIN ST
Mailing City,St,Zip:	MILPITAS, CA 950355311
Gen County:	Santa Clara
TSD EPA ID:	CAD980887418
TSD County:	1
Waste Category:	Aqueous solution with less than 10% total organic residues
Disposal Method:	Transfer Station
Tons:	.7923
Facility County:	Santa Clara

Gepaid:	CAL000002119
Contact:	Not reported
Telephone:	4082637576
Facility Addr2:	Not reported
Mailing Name:	Not reported
Mailing Address:	440 DIXON LANDING RD APT K106
Mailing City,St,Zip:	MILPITAS, CA 950353038
Gen County:	Santa Clara
TSD EPA ID:	CAL000161743
TSD County:	Santa Clara
Waste Category:	Aqueous solution with less than 10% total organic residues
Disposal Method:	Recycler
Tons:	0.25
Facility County:	Santa Clara

Click this hyperlink while viewing on your computer to access
8 additional CA_HAZNET: record(s) in the EDR Site Report.

AS222 **CHMIRS** **S100275046**
NNE **10 S. MAIN ST** **N/A**
1/2-1 **MILPITAS, CA 95035**
4517 ft.

Site 2 of 2 in cluster AS

Relative:
Lower

CHMIRS:

Actual:
16 ft.

OES Incident Number:	8907225
OES notification:	Not reported
OES Date:	Not reported
OES Time:	Not reported
Incident Date:	29-JUL-89
Date Completed:	**29-JUL-89**
Property Use:	500
Agency Id Number:	43030
Agency Incident Number:	99999
Time Notified:	1736
Time Completed:	1841
Surrounding Area:	962
Estimated Temperature:	75
Property Management:	P
Special Studies 1:	Not reported
Special Studies 2:	Not reported
Special Studies 3:	Not reported
Special Studies 4:	Not reported
Special Studies 5:	Not reported
Special Studies 6:	Not reported
More Than Two Substances Involved?:	N
Resp Agncy Personel # Of Decontaminated:	0
Responding Agency Personel # Of Injuries:	0
Responding Agency Personel # Of Fatalities:	0
Others Number Of Decontaminated:	0
Others Number Of Injuries:	0
Others Number Of Fatalities:	0
Vehicle Make/year:	Not reported
Vehicle License Number:	Not reported
Vehicle State:	Not reported
Vehicle Id Number:	Not reported
CA/DOT/PUC/ICC Number:	Not reported
Company Name:	Not reported
Reporting Officer Name/ID:	CAPT. BROWN 19C-13
Report Date:	30-JUL-89
Comments:	Not reported
Facility Telephone:	408 942-2383
Waterway Involved:	Not reported
Waterway:	Not reported
Spill Site:	Not reported
Cleanup By:	Not reported
Containment:	Not reported
What Happened:	Not reported
Type:	Not reported
Measure:	Not reported
Other:	Not reported
Date/Time:	Not reported
Year:	88-92
Agency:	Not reported
Incident Date:	Not reported
Admin Agency:	Not reported
Amount:	Not reported

(Continued) **S100275046**

Contained:	Not reported
Site Type:	Not reported
E Date:	16-MAY-90
Substance:	Not reported
Quantity Released:	Not reported
BBLS:	Not reported
Cups:	Not reported
CUFT:	Not reported
Gallons:	Not reported
Grams:	Not reported
Pounds:	Not reported
Liters:	Not reported
Ounces:	Not reported
Pints:	Not reported
Quarts:	Not reported
Sheen:	Not reported
Tons:	Not reported
Unknown:	Not reported
Description:	Not reported
Evacuations:	Not reported
Number of Injuries:	Not reported
Number of Fatalities:	Not reported

AT223 **ADVANCED MICRO DEVICES** **HAZNET** **S103634232**
South **1623 BUCKEYE DR** **N/A**
1/2-1 **MILPITAS, CA 95025**
4520 ft.

Site 1 of 2 in cluster AT

Relative:
Higher

Actual:
33 ft.

HAZNET:

Gepaid:	CAC001341992
Contact:	ADVANCED MICRO DEVICES
Telephone:	0000000000
Facility Addr2:	Not reported
Mailing Name:	Not reported
Mailing Address:	PO BOX 3453 MAIL STOP 5
Mailing City,St,Zip:	SUNNYVALE, CA 940880000
Gen County:	Santa Clara
TSD EPA ID:	CAD044429835
TSD County:	Los Angeles
Waste Category:	Unspecified solvent mixture Waste
Disposal Method:	Recycler
Tons:	.0400
Facility County:	Santa Clara

AT224 **ADVANCED MICRO DEVICES INC** **HAZNET** **S103948810**
South **1623 BUCKEYE DR** **N/A**
1/2-1 **MILPITAS, CA 95025**
4520 ft.

Site 2 of 2 in cluster AT

Relative:
Higher

Actual:
33 ft.

HAZNET:

Gepaid:	CAC001349776
Contact:	ADVANCED MICRO DEVICES INC
Telephone:	0000000000
Facility Addr2:	Not reported

ADVANCED MICRO DEVICES INC (Continued) **S103948810**

Mailing Name:	Not reported
Mailing Address:	1 AMD PLACE MS5
Mailing City,St,Zip:	SUNNYVALE, CA 940880000
Gen County:	Santa Clara
TSD EPA ID:	CAD044429835
TSD County:	Los Angeles
Waste Category:	Unspecified solvent mixture Waste
Disposal Method:	Disposal, Other
Tons:	.2850
Facility County:	Santa Clara

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225 East 1/2-1 4568 ft. **LIGHTWAVES 2020 INC** **RCRA-SQG 1004675993**
1323 GREAT MALL DR **HAZNET CAR000079673**
MILPITAS, CA 95035

Relative: Higher

Actual: 30 ft.

RCRAInfo:

Owner:	LIGHTWAVES 2020 INC (408) 653-1000
EPA ID:	CAR000079673
Contact:	CAROL WU (408) 653-1000
Classification:	Small Quantity Generator
TSDF Activities:	Not reported

Violation Status: No violations found

HAZNET:

Gepaid:	CAR000079673
Contact:	SUNNY CHIU
Telephone:	4085038910
Facility Addr2:	Not reported
Mailing Name:	Not reported
Mailing Address:	1323 GREAT MALL DR
Mailing City,St,Zip:	MILPITAS, CA 950350000
Gen County:	Santa Clara
TSD EPA ID:	Not reported
TSD County:	Los Angeles
Waste Category:	Unspecified aqueous solution
Disposal Method:	Transfer Station
Tons:	0.00
Facility County:	Not reported

Gepaid:	CAR000079673
Contact:	SUNNY CHIU
Telephone:	4085038910
Facility Addr2:	Not reported
Mailing Name:	Not reported
Mailing Address:	1323 GREAT MALL DR
Mailing City,St,Zip:	MILPITAS, CA 950350000
Gen County:	Santa Clara
TSD EPA ID:	Not reported
TSD County:	Los Angeles
Waste Category:	Off-specification, aged, or surplus organics
Disposal Method:	Transfer Station
Tons:	0.12
Facility County:	Not reported

LIGHTWAVES 2020 INC (Continued) **1004675993**

Gepaid:	CAR000079673
Contact:	SUNNY CHIU
Telephone:	4085038910
Facility Addr2:	Not reported
Mailing Name:	Not reported
Mailing Address:	1323 GREAT MALL DR
Mailing City,St,Zip:	MILPITAS, CA 950350000
Gen County:	Santa Clara
TSD EPA ID:	Not reported
TSD County:	San Bernardino
Waste Category:	Off-specification, aged, or surplus organics
Disposal Method:	Transfer Station
Tons:	0.22
Facility County:	Not reported

Gepaid:	CAR000079673
Contact:	SUNNY CHIU
Telephone:	4085038910
Facility Addr2:	Not reported
Mailing Name:	Not reported
Mailing Address:	1323 GREAT MALL DR
Mailing City,St,Zip:	MILPITAS, CA 950350000
Gen County:	Santa Clara
TSD EPA ID:	Not reported
TSD County:	Los Angeles
Waste Category:	Empty containers less than 30 gallons
Disposal Method:	Disposal, Land Fill
Tons:	0.09
Facility County:	Not reported

Gepaid:	CAR000079673
Contact:	SUNNY CHIU
Telephone:	4085038910
Facility Addr2:	Not reported
Mailing Name:	Not reported
Mailing Address:	1323 GREAT MALL DR
Mailing City,St,Zip:	MILPITAS, CA 950350000
Gen County:	Santa Clara
TSD EPA ID:	Not reported
TSD County:	Los Angeles
Waste Category:	Oxygenated solvents (acetone, butanol, ethyl acetate, etc.)
Disposal Method:	Recycler
Tons:	0.35
Facility County:	Not reported

Click this hyperlink while viewing on your computer to access additional CA_HAZNET: detail in the EDR Site Report.

226
NNE
1/2-1
4594 ft.

PACCAR AUTOMOTIVE, INC
164 N ABEL ST
MILPITAS, CA 95035

HAZNET

S100936284
N/A

Relative:
Lower

Actual:
13 ft.

HAZNET:

Gepaid:	CAD981398225
Contact:	PACCAR AUTOMOTIVE, INC
Telephone:	2062517401
Facility Addr2:	Not reported
Mailing Name:	Not reported
Mailing Address:	1400 N 4TH ST
Mailing City,St,Zip:	RENTON, WA 980551535
Gen County:	Santa Clara
TSD EPA ID:	CAD980887418
TSD County:	1
Waste Category:	Aqueous solution with less than 10% total organic residues
Disposal Method:	Not reported
Tons:	4.5870
Facility County:	Santa Clara

Gepaid:	CAD981398225
Contact:	PACCAR AUTOMOTIVE, INC
Telephone:	2062517401
Facility Addr2:	Not reported
Mailing Name:	Not reported
Mailing Address:	1400 N 4TH ST
Mailing City,St,Zip:	RENTON, WA 980551535
Gen County:	Santa Clara
TSD EPA ID:	CAD980887418
TSD County:	1
Waste Category:	Aqueous solution with less than 10% total organic residues
Disposal Method:	Transfer Station
Tons:	.6880
Facility County:	Santa Clara

Gepaid:	CAD981398225
Contact:	PACCAR AUTOMOTIVE, INC
Telephone:	2062517401
Facility Addr2:	Not reported
Mailing Name:	Not reported
Mailing Address:	1400 N 4TH ST
Mailing City,St,Zip:	RENTON, WA 980551535
Gen County:	Santa Clara
TSD EPA ID:	CAD093459485
TSD County:	Fresno
Waste Category:	Unspecified solvent mixture Waste
Disposal Method:	Transfer Station
Tons:	.0498
Facility County:	Santa Clara

Gepaid:	CAD981398225
Contact:	PACCAR AUTOMOTIVE, INC
Telephone:	2062517401
Facility Addr2:	Not reported
Mailing Name:	Not reported
Mailing Address:	1400 N 4TH ST
Mailing City,St,Zip:	RENTON, WA 980551535
Gen County:	Santa Clara

PACCAR AUTOMOTIVE, INC (Continued) **S100936284**

TSD EPA ID: CAD088838222
TSD County: Santa Cruz
Waste Category: Aqueous solution with 10% or more total organic residues
Disposal Method: Recycler
Tons: .4170
Facility County: Santa Clara

Gepaid: CAD981398225
Contact: PACCAR AUTOMOTIVE, INC
Telephone: 2062517401
Facility Addr2: Not reported
Mailing Name: Not reported
Mailing Address: 1400 N 4TH ST
Mailing City,St,Zip: RENTON, WA 980551535
Gen County: Santa Clara
TSD EPA ID: CAD980887418
TSD County: 1
Waste Category: Aqueous solution with less than 10% total organic residues
Disposal Method: Transfer Station
Tons: .6880
Facility County: Santa Clara

Click this hyperlink while viewing on your computer to access
8 additional CA_HAZNET: record(s) in the EDR Site Report.

227
SE
1/2-1
4604 ft.

MILPITAS ANIMAL HOSPITAL **HAZNET** **S103977755**
1316 SOUTH MAIN ST **N/A**
MILPITAS, CA 95035

Relative:
Higher

Actual:
33 ft.

HAZNET:
Gepaid: CAL920275198
Contact: DR MYRON NELS JORGENSEN JR
Telephone: 4082622325
Facility Addr2: Not reported
Mailing Name: Not reported
Mailing Address: 1316 S MAIN ST
Mailing City,St,Zip: MILPITAS, CA 950356202
Gen County: Santa Clara
TSD EPA ID: CAL000121946
TSD County: Marin
Waste Category: Photochemicals/photoprocessing waste
Disposal Method: Recycler
Tons: .0625
Facility County: Santa Clara

Gepaid: CAL920275198
Contact: DR MYRON NELS JORGENSEN JR
Telephone: 4082622325
Facility Addr2: Not reported
Mailing Name: Not reported
Mailing Address: 1316 S MAIN ST
Mailing City,St,Zip: MILPITAS, CA 950356202
Gen County: Santa Clara
TSD EPA ID: CAD981429673
TSD County: Marin
Waste Category: Photochemicals/photoprocessing waste
Disposal Method: Recycler

MILPITAS ANIMAL HOSPITAL (Continued) **S103977755**

Tons:	0.125
Facility County:	Santa Clara
Gepaid:	CAL920275198
Contact:	--
Telephone:	--
Facility Addr2:	Not reported
Mailing Name:	Not reported
Mailing Address:	1316 S MAIN ST
Mailing City,St,Zip:	MILPITAS, CA 950356202
Gen County:	Santa Clara
TSD EPA ID:	Not reported
TSD County:	Marin
Waste Category:	Photochemicals/photoprocessing waste
Disposal Method:	Recycler
Tons:	0.06
Facility County:	Not reported
Gepaid:	CAL920275198
Contact:	DR MYRON NELS JORGENSEN JR
Telephone:	4082622325
Facility Addr2:	Not reported
Mailing Name:	Not reported
Mailing Address:	1316 S MAIN ST
Mailing City,St,Zip:	MILPITAS, CA 950356202
Gen County:	Santa Clara
TSD EPA ID:	CAL000121946
TSD County:	Marin
Waste Category:	Photochemicals/photoprocessing waste
Disposal Method:	Recycler
Tons:	.0625
Facility County:	Santa Clara
Gepaid:	CAL920275198
Contact:	DR MYRON NELS JORGENSEN JR
Telephone:	4082622325
Facility Addr2:	Not reported
Mailing Name:	Not reported
Mailing Address:	1316 S MAIN ST
Mailing City,St,Zip:	MILPITAS, CA 950356202
Gen County:	Santa Clara
TSD EPA ID:	CAD981429673
TSD County:	Marin
Waste Category:	Photochemicals/photoprocessing waste
Disposal Method:	Recycler
Tons:	.1250
Facility County:	Santa Clara

Click this hyperlink while viewing on your computer to access
3 additional CA_HAZNET: record(s) in the EDR Site Report.

AU228
NNE
1/2-1
4631 ft.

BEACON STATION #589
10 N MAIN ST
MILPITAS, CA 95035

HAZNET

S100856224
N/A

Site 1 of 3 in cluster AU

Relative:
Lower

Actual:
16 ft.

HAZNET:

Gepaid:	CAL000110463
Contact:	ULTRA MAR INC
Telephone:	0000000000
Facility Addr2:	Not reported
Mailing Name:	Not reported
Mailing Address:	525 W THIRD ST
Mailing City,St,Zip:	HANFORD, CA 932300000
Gen County:	Santa Clara
TSD EPA ID:	CAD009466392
TSD County:	7
Waste Category:	Other empty containers 30 gallons or more
Disposal Method:	Recycler
Tons:	16.0000
Facility County:	Santa Clara

AU229
NNE
1/2-1
4631 ft.

ULTRAMAR INC
10 N MAIN STREET
MILPITAS, CA 95035

EMI

S106841572
N/A

Site 2 of 3 in cluster AU

Relative:
Lower

Actual:
16 ft.

EMI:

Year:	1996
Carbon Monoxide Emissions Tons/Yr:	43
Air Basin:	SF
Facility ID:	9244
Air District Name:	BA
SIC Code:	4953
Air District Name:	BAY AREA AQMD
Community Health Air Pollution Info System:	Not reported
Consolidated Emission Reporting Rule:	Not reported
Total Organic Hydrocarbon Gases Tons/Yr:	0
Reactive Organic Gases Tons/Yr:	0
Carbon Monoxide Emissions Tons/Yr:	0
NOX - Oxides of Nitrogen Tons/Yr:	0
SOX - Oxides of Sulphur Tons/Yr:	0
Particulate Matter Tons/Yr:	0
Part. Matter 10 Micrometers & Smllr Tons/Yr:	0

Year:	1997
Carbon Monoxide Emissions Tons/Yr:	43
Air Basin:	SF
Facility ID:	9244
Air District Name:	BA
SIC Code:	4953
Air District Name:	BAY AREA AQMD
Community Health Air Pollution Info System:	Not reported
Consolidated Emission Reporting Rule:	Not reported
Total Organic Hydrocarbon Gases Tons/Yr:	0
Reactive Organic Gases Tons/Yr:	0
Carbon Monoxide Emissions Tons/Yr:	0
NOX - Oxides of Nitrogen Tons/Yr:	0
SOX - Oxides of Sulphur Tons/Yr:	0

ULTRAMAR INC (Continued) **S106841572**

Particulate Matter Tons/Yr: 0
Part. Matter 10 Micrometers & Smllr Tons/Yr: 0

AU230 **CHMIRS** **S100277506**
NNE **10 NORTH MAIN STREET** **N/A**
1/2-1 **MILPITAS, CA 95035**
4631 ft.

Site 3 of 3 in cluster AU

Relative:
Lower

Actual:
16 ft.

CHMIRS:

OES Incident Number:	9116521
OES notification:	Not reported
OES Date:	Not reported
OES Time:	Not reported
Incident Date:	16-MAR-91
Date Completed:	**16-MAR-91**
Property Use:	099
Agency Id Number:	43030
Agency Incident Number:	91-5497F
Time Notified:	247
Time Completed:	305
Surrounding Area:	600
Estimated Temperature:	40
Property Management:	P
Special Studies 1:	Not reported
Special Studies 2:	Not reported
Special Studies 3:	Not reported
Special Studies 4:	Not reported
Special Studies 5:	Not reported
Special Studies 6:	Not reported
More Than Two Substances Involved?:	N
Resp Agncy Personel # Of Decontaminated:	0
Responding Agency Personel # Of Injuries:	0
Responding Agency Personel # Of Fatalities:	0
Others Number Of Decontaminated:	0
Others Number Of Injuries:	0
Others Number Of Fatalities:	0
Vehicle Make/year:	FREIGHTLINER
Vehicle License Number:	3296392
Vehicle State:	CA
Vehicle Id Number:	Not reported
CA/DOT/PUC/ICC Number:	Not reported
Company Name:	BEACON OIL CO.
Reporting Officer Name/ID:	CAPT. D. SMITH C-6
Report Date:	16-MAR-91
Comments:	Y
Facility Telephone:	408 942-2388
Waterway Involved:	Not reported
Waterway:	Not reported
Spill Site:	Not reported
Cleanup By:	Not reported
Containment:	Not reported
What Happened:	Not reported
Type:	Not reported
Measure:	Not reported
Other:	Not reported
Date/Time:	Not reported
Year:	88-92

(Continued) **S100277506**

Agency:	Not reported
Incident Date:	Not reported
Admin Agency:	Not reported
Amount:	Not reported
Contained:	Not reported
Site Type:	Not reported
E Date:	18-JUN-92
Substance:	Not reported
Quantity Released:	Not reported
BBLS:	Not reported
Cups:	Not reported
CUFT:	Not reported
Gallons:	Not reported
Grams:	Not reported
Pounds:	Not reported
Liters:	Not reported
Ounces:	Not reported
Pints:	Not reported
Quarts:	Not reported
Sheen:	Not reported
Tons:	Not reported
Unknown:	Not reported
Description:	Not reported
Evacuations:	Not reported
Number of Injuries:	Not reported
Number of Fatalities:	Not reported

AV231 **MINI MANIA** **HAZNET** **S102812417**
NNE **31 WINSOR STREET** **N/A**
1/2-1 **MILPITAS, CA 95035**
4680 ft.

Site 1 of 2 in cluster AV

Relative:
Lower

Actual:
18 ft.

HAZNET:

Gepaid:	CAL000042238
Contact:	RACINE DONALD OWNER
Telephone:	4089425595
Facility Addr2:	Not reported
Mailing Name:	Not reported
Mailing Address:	31 WINSOR
Mailing City,St,Zip:	MILPITAS, CA 950350000
Gen County:	Santa Clara
TSD EPA ID:	CAL000082530
TSD County:	Santa Clara
Waste Category:	Photochemicals/photoprocessing waste
Disposal Method:	Treatment, Tank
Tons:	.0208
Facility County:	Santa Clara

Gepaid:	CAL000042238
Contact:	RACINE DONALD OWNER
Telephone:	4089425595
Facility Addr2:	Not reported
Mailing Name:	Not reported
Mailing Address:	31 WINSOR
Mailing City,St,Zip:	MILPITAS, CA 950350000
Gen County:	Santa Clara
TSD EPA ID:	Not reported

MINI MANIA (Continued) **S102812417**

TSD County: 0
Waste Category: Photochemicals/photoprocessing waste
Disposal Method: Not reported
Tons: .0625
Facility County: Santa Clara

Gepaid: CAL000042238
Contact: RACINE DONALD OWNER
Telephone: 4089425595
Facility Addr2: Not reported
Mailing Name: Not reported
Mailing Address: 31 WINSOR
Mailing City,St,Zip: MILPITAS, CA 950350000
Gen County: Santa Clara
TSD EPA ID: CAL000082530
TSD County: Santa Clara
Waste Category: Not reported
Disposal Method: Treatment, Tank
Tons: .0000
Facility County: Santa Clara

Gepaid: CAL000042238
Contact: RACINE DONALD OWNER
Telephone: 4089425595
Facility Addr2: Not reported
Mailing Name: Not reported
Mailing Address: 31 WINSOR
Mailing City,St,Zip: MILPITAS, CA 950350000
Gen County: Santa Clara
TSD EPA ID: CAL000082530
TSD County: Santa Clara
Waste Category: Photochemicals/photoprocessing waste
Disposal Method: Treatment, Tank
Tons: .0104
Facility County: Santa Clara

Gepaid: CAL000042238
Contact: RACINE DONALD OWNER
Telephone: 4089425595
Facility Addr2: Not reported
Mailing Name: Not reported
Mailing Address: 31 WINSOR
Mailing City,St,Zip: MILPITAS, CA 950350000
Gen County: Santa Clara
TSD EPA ID: CAL000082530
TSD County: Santa Clara
Waste Category: Photochemicals/photoprocessing waste
Disposal Method: Treatment, Tank
Tons: .0083
Facility County: Santa Clara

Click this hyperlink while viewing on your computer to access additional CA_HAZNET: detail in the EDR Site Report.

AV232 **MILPITAS COLLISION CENTER LTD** **HAZNET** **S100628165**
NNE **36 WINSOR ST** **EMI** **N/A**
1/2-1 **MILPITAS, CA 95035**
4697 ft.

Site 2 of 2 in cluster AV

Relative:
Lower

Actual:
17 ft.

HAZNET:

Gepaid:	CAL000063973
Contact:	CHARLEY BRESHEARS
Telephone:	4082620260
Facility Addr2:	Not reported
Mailing Name:	Not reported
Mailing Address:	36 WINSOR ST
Mailing City,St,Zip:	MILPITAS, CA 950350000
Gen County:	Santa Clara
TSD EPA ID:	CAT000613893
TSD County:	Los Angeles
Waste Category:	Oxygenated solvents (acetone, butanol, ethyl acetate, etc.)
Disposal Method:	Transfer Station
Tons:	.0480
Facility County:	Santa Clara

Gepaid:	CAL000063973
Contact:	CHARLEY BRESHEARS
Telephone:	4082620260
Facility Addr2:	Not reported
Mailing Name:	Not reported
Mailing Address:	36 WINSOR ST
Mailing City,St,Zip:	MILPITAS, CA 950350000
Gen County:	Santa Clara
TSD EPA ID:	CA0000084517
TSD County:	Sacramento
Waste Category:	Oxygenated solvents (acetone, butanol, ethyl acetate, etc.)
Disposal Method:	Transfer Station
Tons:	.1460
Facility County:	Santa Clara

Gepaid:	CAL000063973
Contact:	CHARLEY BRESHERS/OWNER
Telephone:	4082620260
Facility Addr2:	Not reported
Mailing Name:	Not reported
Mailing Address:	51 E CARLO ST
Mailing City,St,Zip:	MILPITAS, CA 950350000
Gen County:	Santa Clara
TSD EPA ID:	Not reported
TSD County:	Sacramento
Waste Category:	Oxygenated solvents (acetone, butanol, ethyl acetate, etc.)
Disposal Method:	Transfer Station
Tons:	0.26
Facility County:	Not reported

Gepaid:	CAL000259474
Contact:	PAUL HAYNES/GM
Telephone:	4089340747
Facility Addr2:	Not reported
Mailing Name:	Not reported
Mailing Address:	31 WINSOR ST
Mailing City,St,Zip:	MILPITAS, CA 950350000

MILPITAS COLLISION CENTER LTD (Continued) **S100628165**

Gen County:	Santa Clara
TSD EPA ID:	Not reported
TSD County:	Sacramento
Waste Category:	Oxygenated solvents (acetone, butanol, ethyl acetate, etc.)
Disposal Method:	Transfer Station
Tons:	0.08
Facility County:	Not reported
Gepaid:	CAL000063973
Contact:	CHARLEY BRESHEARS
Telephone:	4082620260
Facility Addr2:	Not reported
Mailing Name:	Not reported
Mailing Address:	36 WINSOR ST
Mailing City,St,Zip:	MILPITAS, CA 950350000
Gen County:	Santa Clara
TSD EPA ID:	CAL000048571
TSD County:	Santa Clara
Waste Category:	Waste oil and mixed oil
Disposal Method:	Recycler
Tons:	.3961
Facility County:	Santa Clara

Click this hyperlink while viewing on your computer to access
8 additional CA_HAZNET: record(s) in the EDR Site Report.

EMI:

Year:	1996
Carbon Monoxide Emissions Tons/Yr:	43
Air Basin:	SF
Facility ID:	8117
Air District Name:	BA
SIC Code:	7532
Air District Name:	BAY AREA AQMD
Community Health Air Pollution Info System:	Not reported
Consolidated Emission Reporting Rule:	Not reported
Total Organic Hydrocarbon Gases Tons/Yr:	0
Reactive Organic Gases Tons/Yr:	0
Carbon Monoxide Emissions Tons/Yr:	0
NOX - Oxides of Nitrogen Tons/Yr:	0
SOX - Oxides of Sulphur Tons/Yr:	0
Particulate Matter Tons/Yr:	0
Part. Matter 10 Micrometers & Smllr Tons/Yr:	0
Year:	1997
Carbon Monoxide Emissions Tons/Yr:	43
Air Basin:	SF
Facility ID:	8117
Air District Name:	BA
SIC Code:	7532
Air District Name:	BAY AREA AQMD
Community Health Air Pollution Info System:	Not reported
Consolidated Emission Reporting Rule:	Not reported
Total Organic Hydrocarbon Gases Tons/Yr:	0
Reactive Organic Gases Tons/Yr:	0
Carbon Monoxide Emissions Tons/Yr:	0
NOX - Oxides of Nitrogen Tons/Yr:	0

MILPITAS COLLISION CENTER LTD (Continued) **S100628165**

SOX - Oxides of Sulphur Tons/Yr:	0
Particulate Matter Tons/Yr:	0
Part. Matter 10 Micrometers & Smllr Tons/Yr:	0
Year:	1998
Carbon Monoxide Emissions Tons/Yr:	43
Air Basin:	SF
Facility ID:	8117
Air District Name:	BA
SIC Code:	7532
Air District Name:	BAY AREA AQMD
Community Health Air Pollution Info System:	Not reported
Consolidated Emission Reporting Rule:	Not reported
Total Organic Hydrocarbon Gases Tons/Yr:	0
Reactive Organic Gases Tons/Yr:	0
Carbon Monoxide Emissions Tons/Yr:	0
NOX - Oxides of Nitrogen Tons/Yr:	0
SOX - Oxides of Sulphur Tons/Yr:	0
Particulate Matter Tons/Yr:	0
Part. Matter 10 Micrometers & Smllr Tons/Yr:	0
Year:	2003
Carbon Monoxide Emissions Tons/Yr:	43
Air Basin:	SF
Facility ID:	15744
Air District Name:	BA
SIC Code:	7532
Air District Name:	BAY AREA AQMD
Community Health Air Pollution Info System:	Not reported
Consolidated Emission Reporting Rule:	Not reported
Total Organic Hydrocarbon Gases Tons/Yr:	0
Reactive Organic Gases Tons/Yr:	0
Carbon Monoxide Emissions Tons/Yr:	0
NOX - Oxides of Nitrogen Tons/Yr:	0
SOX - Oxides of Sulphur Tons/Yr:	0
Particulate Matter Tons/Yr:	0
Part. Matter 10 Micrometers & Smllr Tons/Yr:	0
Year:	2004
Carbon Monoxide Emissions Tons/Yr:	43
Air Basin:	SF
Facility ID:	15744
Air District Name:	BA
SIC Code:	7532
Air District Name:	BAY AREA AQMD
Community Health Air Pollution Info System:	Not reported
Consolidated Emission Reporting Rule:	Not reported
Total Organic Hydrocarbon Gases Tons/Yr:	0.036
Reactive Organic Gases Tons/Yr:	0.0300628
Carbon Monoxide Emissions Tons/Yr:	0
NOX - Oxides of Nitrogen Tons/Yr:	0
SOX - Oxides of Sulphur Tons/Yr:	0
Particulate Matter Tons/Yr:	0
Part. Matter 10 Micrometers & Smllr Tons/Yr:	0

AW233 **CHMIRS** **S100277389**
NNE **RAILROAD AVENUE 237** **N/A**
1/2-1 **MILPITAS, CA 95035**
4722 ft.

Site 1 of 2 in cluster AW

Relative:
Lower

Actual:
17 ft.

CHMIRS:

OES Incident Number:	9116022
OES notification:	Not reported
OES Date:	Not reported
OES Time:	Not reported
Incident Date:	20-MAR-91
Date Completed:	**20-MAR-91**
Property Use:	962
Agency Id Number:	43030
Agency Incident Number:	UNKNOWN
Time Notified:	904
Time Completed:	922
Surrounding Area:	950
Estimated Temperature:	50
Property Management:	C
Special Studies 1:	Not reported
Special Studies 2:	Not reported
Special Studies 3:	Not reported
Special Studies 4:	Not reported
Special Studies 5:	Not reported
Special Studies 6:	Not reported
More Than Two Substances Involved?:	N
Resp Agncy Personel # Of Decontaminated:	0
Responding Agency Personel # Of Injuries:	0
Responding Agency Personel # Of Fatalities:	0
Others Number Of Decontaminated:	0
Others Number Of Injuries:	0
Others Number Of Fatalities:	0
Vehicle Make/year:	Not reported
Vehicle License Number:	Not reported
Vehicle State:	Not reported
Vehicle Id Number:	Not reported
CA/DOT/PUC/ICC Number:	Not reported
Company Name:	Not reported
Reporting Officer Name/ID:	LT. GASKIN 19C15
Report Date:	20-MAR-91
Comments:	Y
Facility Telephone:	408 942-2388
Waterway Involved:	Not reported
Waterway:	Not reported
Spill Site:	Not reported
Cleanup By:	Not reported
Containment:	Not reported
What Happened:	Not reported
Type:	Not reported
Measure:	Not reported
Other:	Not reported
Date/Time:	Not reported
Year:	88-92
Agency:	Not reported
Incident Date:	Not reported
Admin Agency:	Not reported
Amount:	Not reported

(Continued) **S100277389**

Contained:	Not reported
Site Type:	Not reported
E Date:	18-JUN-92
Substance:	Not reported
Quantity Released:	Not reported
BBLS:	Not reported
Cups:	Not reported
CUFT:	Not reported
Gallons:	Not reported
Grams:	Not reported
Pounds:	Not reported
Liters:	Not reported
Ounces:	Not reported
Pints:	Not reported
Quarts:	Not reported
Sheen:	Not reported
Tons:	Not reported
Unknown:	Not reported
Description:	Not reported
Evacuations:	Not reported
Number of Injuries:	Not reported
Number of Fatalities:	Not reported

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234 **CISCO SYSTEMS INC/SJ-11** **HAZNET** **S104395231**
WSW **350 E TASMAN DR** **SAN JOSE HAZMAT** **N/A**
1/2-1 **SAN JOSE, CA 95134**
4758 ft.

Relative: **Lower**

Actual: **22 ft.**

HAZNET:

Gepaid:	CAL000216435
Contact:	JUSTIN GIAMPAOLI/SAFETY
Telephone:	4088537436
Facility Addr2:	Not reported
Mailing Name:	Not reported
Mailing Address:	260 E TASMAN DR M/S SJ-9-2
Mailing City,St,Zip:	SAN JOSE, CA 95134
Gen County:	Santa Clara
TSD EPA ID:	CAD028409019
TSD County:	Santa Clara
Waste Category:	Aqueous solution with less than 10% total organic residues
Disposal Method:	Treatment, Tank
Tons:	0.02
Facility County:	Santa Clara

SAN JOSE HAZMAT:

Region:	SAN JOSE
File Num:	408026
Class:	Auto Wrecking/Misc Simple Facility

235
SE
1/2-1
4762 ft.

Relative:
Higher

Actual:
34 ft.

SOUTH MAIN STREET AT SOUTH ABEL STREET
MILPITAS, CA 95035

CHMIRS **S100274793**
N/A

CHMIRS:

OES Incident Number:	8904640
OES notification:	Not reported
OES Date:	Not reported
OES Time:	Not reported
Incident Date:	28-JAN-89
Date Completed:	**28-JAN-89**
Property Use:	962
Agency Id Number:	43030
Agency Incident Number:	89-1929
Time Notified:	33
Time Completed:	100
Surrounding Area:	500
Estimated Temperature:	50
Property Management:	C
Special Studies 1:	Not reported
Special Studies 2:	Not reported
Special Studies 3:	Not reported
Special Studies 4:	Not reported
Special Studies 5:	Not reported
Special Studies 6:	Not reported
More Than Two Substances Involved?:	N
Resp Agncy Personel # Of Decontaminated:	0
Responding Agency Personel # Of Injuries:	0
Responding Agency Personel # Of Fatalities:	0
Others Number Of Decontaminated:	0
Others Number Of Injuries:	0
Others Number Of Fatalities:	0
Vehicle Make/year:	1984 PLYMOUTH
Vehicle License Number:	2BBN377
Vehicle State:	CA
Vehicle Id Number:	Not reported
CA/DOT/PUC/ICC Number:	Not reported
Company Name:	Not reported
Reporting Officer Name/ID:	CAPT. SMITH C-6
Report Date:	28-JAN-89
Comments:	Not reported
Facility Telephone:	408 945-5785
Waterway Involved:	Not reported
Waterway:	Not reported
Spill Site:	Not reported
Cleanup By:	Not reported
Containment:	Not reported
What Happened:	Not reported
Type:	Not reported
Measure:	Not reported
Other:	Not reported
Date/Time:	Not reported
Year:	88-92
Agency:	Not reported
Incident Date:	Not reported
Admin Agency:	Not reported
Amount:	Not reported
Contained:	Not reported

(Continued) **S100274793**

Site Type:	Not reported
E Date:	02-MAY-90
Substance:	Not reported
Quantity Released:	Not reported
BBLS:	Not reported
Cups:	Not reported
CUFT:	Not reported
Gallons:	Not reported
Grams:	Not reported
Pounds:	Not reported
Liters:	Not reported
Ounces:	Not reported
Pints:	Not reported
Quarts:	Not reported
Sheen:	Not reported
Tons:	Not reported
Unknown:	Not reported
Description:	Not reported
Evacuations:	Not reported
Number of Injuries:	Not reported
Number of Fatalities:	Not reported

AX236 **LSI LOGIC CORPORATION** **RCRA-SQG** **1000122416**
South **1601 MCCARTHY BLVD** **EMI** **CAT080033160**
1/2-1 **MILPITAS, CA 95035**
4771 ft.

Site 1 of 4 in cluster AX

Relative:
Higher

Actual:
32 ft.

RCRAInfo:

Owner:	NOT REQUIRED
	(415) 555-1212
EPA ID:	CAT080033160
Contact:	Not reported
Classification:	Small Quantity Generator
TSDF Activities:	Not reported

Violation Status: Violations exist

Regulation Violated:	Not reported
Area of Violation:	GENERATOR-GENERAL REQUIREMENTS
Date Violation Determined:	05/04/1995
Actual Date Achieved Compliance:	06/02/1995

There are 1 violation record(s) reported at this site:

Evaluation	Area of Violation	Date of Compliance
Compliance Evaluation Inspection	GENERATOR-GENERAL REQUIREMENTS	19950602

EMI:

Year:	1987
Carbon Monoxide Emissions Tons/Yr:	43
Air Basin:	SF
Facility ID:	1185
Air District Name:	BA
SIC Code:	3674
Air District Name:	BAY AREA AQMD
Community Health Air Pollution Info System:	Not reported
Consolidated Emission Reporting Rule:	Not reported

LSI LOGIC CORPORATION (Continued) **1000122416**

Total Organic Hydrocarbon Gases Tons/Yr:	5
Reactive Organic Gases Tons/Yr:	3
Carbon Monoxide Emissions Tons/Yr:	0
NOX - Oxides of Nitrogen Tons/Yr:	0
SOX - Oxides of Sulphur Tons/Yr:	0
Particulate Matter Tons/Yr:	0
Part. Matter 10 Micrometers & Smllr Tons/Yr:	0

Year:	1990
Carbon Monoxide Emissions Tons/Yr:	43
Air Basin:	SF
Facility ID:	1185
Air District Name:	BA
SIC Code:	3674
Air District Name:	BAY AREA AQMD
Community Health Air Pollution Info System:	Not reported
Consolidated Emission Reporting Rule:	Not reported
Total Organic Hydrocarbon Gases Tons/Yr:	24
Reactive Organic Gases Tons/Yr:	11
Carbon Monoxide Emissions Tons/Yr:	0
NOX - Oxides of Nitrogen Tons/Yr:	0
SOX - Oxides of Sulphur Tons/Yr:	0
Particulate Matter Tons/Yr:	0
Part. Matter 10 Micrometers & Smllr Tons/Yr:	0

Year:	1995
Carbon Monoxide Emissions Tons/Yr:	43
Air Basin:	SF
Facility ID:	1185
Air District Name:	BA
SIC Code:	3674
Air District Name:	BAY AREA AQMD
Community Health Air Pollution Info System:	Not reported
Consolidated Emission Reporting Rule:	Not reported
Total Organic Hydrocarbon Gases Tons/Yr:	21
Reactive Organic Gases Tons/Yr:	9
Carbon Monoxide Emissions Tons/Yr:	0
NOX - Oxides of Nitrogen Tons/Yr:	0
SOX - Oxides of Sulphur Tons/Yr:	0
Particulate Matter Tons/Yr:	0
Part. Matter 10 Micrometers & Smllr Tons/Yr:	0

Year:	1996
Carbon Monoxide Emissions Tons/Yr:	43
Air Basin:	SF
Facility ID:	1185
Air District Name:	BA
SIC Code:	3674
Air District Name:	BAY AREA AQMD
Community Health Air Pollution Info System:	Not reported
Consolidated Emission Reporting Rule:	Not reported
Total Organic Hydrocarbon Gases Tons/Yr:	11
Reactive Organic Gases Tons/Yr:	4
Carbon Monoxide Emissions Tons/Yr:	0
NOX - Oxides of Nitrogen Tons/Yr:	0
SOX - Oxides of Sulphur Tons/Yr:	0
Particulate Matter Tons/Yr:	0

LSI LOGIC CORPORATION (Continued) **1000122416**

Part. Matter 10 Micrometers & Smllr Tons/Yr: 0

Year:	1997
Carbon Monoxide Emissions Tons/Yr:	43
Air Basin:	SF
Facility ID:	1185
Air District Name:	BA
SIC Code:	3674
Air District Name:	BAY AREA AQMD
Community Health Air Pollution Info System:	Not reported
Consolidated Emission Reporting Rule:	Not reported
Total Organic Hydrocarbon Gases Tons/Yr:	11
Reactive Organic Gases Tons/Yr:	4
Carbon Monoxide Emissions Tons/Yr:	0
NOX - Oxides of Nitrogen Tons/Yr:	0
SOX - Oxides of Sulphur Tons/Yr:	0
Particulate Matter Tons/Yr:	0
Part. Matter 10 Micrometers & Smllr Tons/Yr:	0

Year:	1998
Carbon Monoxide Emissions Tons/Yr:	43
Air Basin:	SF
Facility ID:	1185
Air District Name:	BA
SIC Code:	3674
Air District Name:	BAY AREA AQMD
Community Health Air Pollution Info System:	Not reported
Consolidated Emission Reporting Rule:	Not reported
Total Organic Hydrocarbon Gases Tons/Yr:	11
Reactive Organic Gases Tons/Yr:	4
Carbon Monoxide Emissions Tons/Yr:	0
NOX - Oxides of Nitrogen Tons/Yr:	0
SOX - Oxides of Sulphur Tons/Yr:	0
Particulate Matter Tons/Yr:	0
Part. Matter 10 Micrometers & Smllr Tons/Yr:	0

AX237 **CHMIRS** **S100278073**
South **1601 MCCARTHY BLVD.** **N/A**
1/2-1 **MILPITAS, CA 95035**
4771 ft.

Site 2 of 4 in cluster AX

Relative:
Higher

Actual:
32 ft.

CHMIRS:

OES Incident Number:	9118731
OES notification:	Not reported
OES Date:	Not reported
OES Time:	Not reported
Incident Date:	21-AUG-91
Date Completed:	**21-AUG-91**
Property Use:	600
Agency Id Number:	43030
Agency Incident Number:	91-18667F
Time Notified:	1143
Time Completed:	1230
Surrounding Area:	600
Estimated Temperature:	94
Property Management:	P
Special Studies 1:	Not reported

(Continued) **S100278073**

Special Studies 2:	Not reported
Special Studies 3:	Not reported
Special Studies 4:	Not reported
Special Studies 5:	Not reported
Special Studies 6:	Not reported
More Than Two Substances Involved?:	N
Resp Agncy Personel # Of Decontaminated:	0
Responding Agency Personel # Of Injuries:	0
Responding Agency Personel # Of Fatalities:	0
Others Number Of Decontaminated:	0
Others Number Of Injuries:	0
Others Number Of Fatalities:	0
Vehicle Make/year:	Not reported
Vehicle License Number:	Not reported
Vehicle State:	Not reported
Vehicle Id Number:	Not reported
CA/DOT/PUC/ICC Number:	Not reported
Company Name:	Not reported
Reporting Officer Name/ID:	CAPT. AL HUSOM 1961
Report Date:	21-AUG-91
Comments:	N
Facility Telephone:	408 942-2383
Waterway Involved:	Not reported
Waterway:	Not reported
Spill Site:	Not reported
Cleanup By:	Not reported
Containment:	Not reported
What Happened:	Not reported
Type:	Not reported
Measure:	Not reported
Other:	Not reported
Date/Time:	Not reported
Year:	88-92
Agency:	Not reported
Incident Date:	Not reported
Admin Agency:	Not reported
Amount:	Not reported
Contained:	Not reported
Site Type:	Not reported
E Date:	28-JUL-92
Substance:	Not reported
Quantity Released:	Not reported
BBLS:	Not reported
Cups:	Not reported
CUFT:	Not reported
Gallons:	Not reported
Grams:	Not reported
Pounds:	Not reported
Liters:	Not reported
Ounces:	Not reported
Pints:	Not reported
Quarts:	Not reported
Sheen:	Not reported
Tons:	Not reported
Unknown:	Not reported
Description:	Not reported
Evacuations:	Not reported

(Continued) **S100278073**

Number of Injuries: Not reported
Number of Fatalities: Not reported

AX238 **1601 MCCARTHY BLVD** **ERNS** **91230776**
South **1601 MCCARTHY BLVD** **N/A**
1/2-1 **MILPITAS, CA 95035**
4771 ft.

Site 3 of 4 in cluster AX

Relative:
Higher

Click this hyperlink while viewing on your computer to access additional ERNS detail in the EDR Site Report.

Actual:
32 ft.

AX239 **LSI LOGIC CORPORATION** **HAZNET** **1005998370**
South **1601 MCCARTHY BLVD** **N/A**
1/2-1 **MILPITAS, CA 95035**
4771 ft.

Site 4 of 4 in cluster AX

Relative:
Higher

HAZNET:

Actual:
32 ft.

Gepaid:	CAT080033160
Contact:	LIMAR REALTY
Telephone:	4153529100
Facility Addr2:	Not reported
Mailing Name:	Not reported
Mailing Address:	1551 MCCARTHY BLVD # F-125
Mailing City,St,Zip:	MILPITAS, CA 950357424
Gen County:	Santa Clara
TSD EPA ID:	CAT080014079
TSD County:	7
Waste Category:	Off-specification, aged, or surplus inorganics
Disposal Method:	Transfer Station
Tons:	.1575
Facility County:	Santa Clara

Gepaid:	CAT080033160
Contact:	LIMAR REALTY
Telephone:	4153529100
Facility Addr2:	Not reported
Mailing Name:	Not reported
Mailing Address:	1551 MCCARTHY BLVD # F-125
Mailing City,St,Zip:	MILPITAS, CA 950357424
Gen County:	Santa Clara
TSD EPA ID:	CAT080014079
TSD County:	7
Waste Category:	Hydrocarbon solvents (benzene, hexane, Stoddard, etc.)
Disposal Method:	Transfer Station
Tons:	.0010
Facility County:	Santa Clara

Gepaid:	CAT080033160
Contact:	LIMAR REALTY
Telephone:	4153529100
Facility Addr2:	Not reported
Mailing Name:	Not reported
Mailing Address:	1551 MCCARTHY BLVD # F-125
Mailing City,St,Zip:	MILPITAS, CA 950357424
Gen County:	Santa Clara

LSI LOGIC CORPORATION (Continued) **1005998370**

TSD EPA ID:	CAD009466392
TSD County:	7
Waste Category:	Other empty containers 30 gallons or more
Disposal Method:	Recycler
Tons:	.8000
Facility County:	Santa Clara
Gepaid:	CAT080033160
Contact:	LIMAR REALTY
Telephone:	4153529100
Facility Addr2:	Not reported
Mailing Name:	Not reported
Mailing Address:	1551 MCCARTHY BLVD # F-125
Mailing City,St,Zip:	MILPITAS, CA 950357424
Gen County:	Santa Clara
TSD EPA ID:	CAT080014079
TSD County:	7
Waste Category:	Waste oil and mixed oil
Disposal Method:	Transfer Station
Tons:	.0500
Facility County:	Santa Clara
Gepaid:	CAT080033160
Contact:	LIMAR REALTY
Telephone:	4153529100
Facility Addr2:	Not reported
Mailing Name:	Not reported
Mailing Address:	1551 MCCARTHY BLVD # F-125
Mailing City,St,Zip:	MILPITAS, CA 950357424
Gen County:	Santa Clara
TSD EPA ID:	CAT080014079
TSD County:	7
Waste Category:	Other inorganic solid waste
Disposal Method:	Transfer Station
Tons:	.0050
Facility County:	Santa Clara

Click this hyperlink while viewing on your computer to access
77 additional CA_HAZNET: record(s) in the EDR Site Report.

AW240 **CHMIRS S100275944**
NNE **FORD CREEK AT 80 RAILROAD AVENUE** **N/A**
1/2-1 **MILPITAS, CA 95035**
4772 ft.

Site 2 of 2 in cluster AW

Relative:
Lower

Actual:
17 ft.

CHMIRS:

OES Incident Number:	9012448
OES notification:	Not reported
OES Date:	Not reported
OES Time:	Not reported
Incident Date:	16-AUG-90
Date Completed:	**16-AUG-90**
Property Use:	946
Agency Id Number:	43030
Agency Incident Number:	90-17128F
Time Notified:	1022
Time Completed:	1139

(Continued) **S100275944**

Surrounding Area:	962
Estimated Temperature:	Not reported
Property Management:	K
Special Studies 1:	Not reported
Special Studies 2:	Not reported
Special Studies 3:	Not reported
Special Studies 4:	Not reported
Special Studies 5:	Not reported
Special Studies 6:	Not reported
More Than Two Substances Involved?:	N
Resp Agncy Personel # Of Decontaminated:	0
Responding Agency Personel # Of Injuries:	0
Responding Agency Personel # Of Fatalities:	0
Others Number Of Decontaminated:	0
Others Number Of Injuries:	0
Others Number Of Fatalities:	0
Vehicle Make/year:	Not reported
Vehicle License Number:	Not reported
Vehicle State:	Not reported
Vehicle Id Number:	Not reported
CA/DOT/PUC/ICC Number:	Not reported
Company Name:	Not reported
Reporting Officer Name/ID:	LT. GASKIN #19C17
Report Date:	16-AUG-90
Comments:	N
Facility Telephone:	408 942-2388
Waterway Involved:	Not reported
Waterway:	Not reported
Spill Site:	Not reported
Cleanup By:	Not reported
Containment:	Not reported
What Happened:	Not reported
Type:	Not reported
Measure:	Not reported
Other:	Not reported
Date/Time:	Not reported
Year:	88-92
Agency:	Not reported
Incident Date:	Not reported
Admin Agency:	Not reported
Amount:	Not reported
Contained:	Not reported
Site Type:	Not reported
E Date:	29-APR-92
Substance:	Not reported
Quantity Released:	Not reported
BBLS:	Not reported
Cups:	Not reported
CUFT:	Not reported
Gallons:	Not reported
Grams:	Not reported
Pounds:	Not reported
Liters:	Not reported
Ounces:	Not reported
Pints:	Not reported
Quarts:	Not reported
Sheen:	Not reported

(Continued) **S100275944**

Tons:	Not reported
Unknown:	Not reported
Description:	Not reported
Evacuations:	Not reported
Number of Injuries:	Not reported
Number of Fatalities:	Not reported

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241 **SCC DEPT OF ENVIRONMENTAL HEALTH** **HAZNET** **S103662192**
NNE **50 NORTH MAIN STREET** **N/A**
1/2-1 **MILPITAS, CA 95035**
4797 ft.

Relative:
Lower

Actual:
14 ft.

HAZNET:

Gepaid:	CAH111000312
Contact:	CITY OF MILPITAS
Telephone:	4089422302
Facility Addr2:	Not reported
Mailing Name:	Not reported
Mailing Address:	P O BOX 28070
Mailing City,St,Zip:	SAN JOSE, CA 951598070
Gen County:	Santa Clara
TSD EPA ID:	CAD980887418
TSD County:	1
Waste Category:	Aqueous solution with less than 10% total organic residues
Disposal Method:	Transfer Station
Tons:	.6255
Facility County:	Santa Clara

Gepaid:	CAH111000312
Contact:	CITY OF MILPITAS
Telephone:	4089422302
Facility Addr2:	Not reported
Mailing Name:	Not reported
Mailing Address:	P O BOX 28070
Mailing City,St,Zip:	SAN JOSE, CA 951598070
Gen County:	Santa Clara
TSD EPA ID:	CAD983665068
TSD County:	Santa Clara
Waste Category:	Household waste
Disposal Method:	Recycler
Tons:	.2775
Facility County:	Santa Clara

Gepaid:	CAH111000312
Contact:	CITY OF MILPITAS
Telephone:	4089422302
Facility Addr2:	Not reported
Mailing Name:	Not reported
Mailing Address:	P O BOX 28070
Mailing City,St,Zip:	SAN JOSE, CA 951598070
Gen County:	Santa Clara
TSD EPA ID:	CAD050806850
TSD County:	Los Angeles
Waste Category:	Household waste
Disposal Method:	Transfer Station
Tons:	.2750
Facility County:	Santa Clara

SCC DEPT OF ENVIRONMENTAL HEALTH (Continued) **S103662192**

Gepaid:	CAH111000312
Contact:	CITY OF MILPITAS
Telephone:	4089422302
Facility Addr2:	Not reported
Mailing Name:	Not reported
Mailing Address:	P O BOX 28070
Mailing City,St,Zip:	SAN JOSE, CA 951598070
Gen County:	Santa Clara
TSD EPA ID:	CAD050806850
TSD County:	Los Angeles
Waste Category:	Household waste
Disposal Method:	Recycler
Tons:	2.2750
Facility County:	Santa Clara

Gepaid:	CAH111000312
Contact:	CITY OF MILPITAS
Telephone:	4089422302
Facility Addr2:	Not reported
Mailing Name:	Not reported
Mailing Address:	P O BOX 28070
Mailing City,St,Zip:	SAN JOSE, CA 951598070
Gen County:	Santa Clara
TSD EPA ID:	UTD981552177
TSD County:	99
Waste Category:	Household waste
Disposal Method:	Treatment, Incineration
Tons:	.8100
Facility County:	Santa Clara

Click this hyperlink while viewing on your computer to access
15 additional CA_HAZNET: record(s) in the EDR Site Report.

AY242 **CHEVRON STATION NO 207673** **RCRA-SQG** **1006805231**
East **1249 GREAT MALL DR** **CAR000124917**
1/2-1 **MILPITAS, CA 95035**
4880 ft.

Site 1 of 3 in cluster AY

Relative:
Higher

Actual:
31 ft.

RCRAInfo:

Owner:	CHEVRON PRODUCTS CO (925) 842-5931
EPA ID:	CAR000124917
Contact:	KATHY NORRIS (925) 842-5931
Classification:	Small Quantity Generator
TSDF Activities:	Not reported

CHEVRON STATION NO 207673 (Continued) **1006805231**

Violation Status: No violations found

AY243 **CHEVRON PRODUCTS SS#207673** **HAZNET** **S105723952**
East **1249 GREAT MALL DR** **N/A**
1/2-1 **MILPITAS, CA 95035**
4880 ft.

Site 2 of 3 in cluster AY

Relative:
Higher

Actual:
31 ft.

HAZNET:

Gepaid:	CAL000195034
Contact:	KATHY NORRIS
Telephone:	9258425931
Facility Addr2:	Not reported
Mailing Name:	Not reported
Mailing Address:	PO BOX 6004
Mailing City,St,Zip:	SAN RAMON, CA 945830000
Gen County:	Santa Clara
TSD EPA ID:	Not reported
TSD County:	San Mateo
Waste Category:	Aqueous solution with less than 10% total organic residues
Disposal Method:	Recycler
Tons:	0.16
Facility County:	Not reported

---

244 **GREGORY V. WADDEN, D.D.S.** **HAZNET** **S103659304**
NE **432 CALAVERAS** **N/A**
1/2-1 **MILPITAS, CA 95035**
4886 ft.

Relative:
Lower

Actual:
15 ft.

HAZNET:

Gepaid:	CAL000124007
Contact:	GREGORY V. WADDEN, D.D.S.
Telephone:	4082627223
Facility Addr2:	Not reported
Mailing Name:	Not reported
Mailing Address:	432 CALAVERAS
Mailing City,St,Zip:	MILPITAS, CA 950350000
Gen County:	Santa Clara
TSD EPA ID:	CAL000082530
TSD County:	Santa Clara
Waste Category:	Not reported
Disposal Method:	Treatment, Tank
Tons:	0
Facility County:	Santa Clara

Gepaid:	CAL000124007
Contact:	GREGORY V. WADDEN, D.D.S.
Telephone:	4082627223
Facility Addr2:	Not reported
Mailing Name:	Not reported
Mailing Address:	432 CALAVERAS
Mailing City,St,Zip:	MILPITAS, CA 950350000
Gen County:	Santa Clara
TSD EPA ID:	CAL000082530
TSD County:	Santa Clara
Waste Category:	Photochemicals/photoprocessing waste

GREGORY V. WADDEN, D.D.S. (Continued) **S103659304**

Disposal Method:	Treatment, Tank
Tons:	0.0208
Facility County:	Santa Clara
Gepaid:	CAL000124007
Contact:	GREGORY V. WADDEN, D.D.S.
Telephone:	4082627223
Facility Addr2:	Not reported
Mailing Name:	Not reported
Mailing Address:	432 CALAVERAS
Mailing City,St,Zip:	MILPITAS, CA 950350000
Gen County:	Santa Clara
TSD EPA ID:	CAL000082530
TSD County:	Santa Clara
Waste Category:	Photochemicals/photoprocessing waste
Disposal Method:	Treatment, Tank
Tons:	.0291
Facility County:	Santa Clara
Gepaid:	CAL000124007
Contact:	GREGORY V. WADDEN, D.D.S.
Telephone:	4082627223
Facility Addr2:	Not reported
Mailing Name:	Not reported
Mailing Address:	432 CALAVERAS
Mailing City,St,Zip:	MILPITAS, CA 950350000
Gen County:	Santa Clara
TSD EPA ID:	CAL000082530
TSD County:	Santa Clara
Waste Category:	Not reported
Disposal Method:	Treatment, Tank
Tons:	.0000
Facility County:	Santa Clara

Click this hyperlink while viewing on your computer to access
-1 additional CA_HAZNET: record(s) in the EDR Site Report.

AY245
East
1/2-1
4900 ft.

R & L BROSAMER INC **HAZNET** **S107147206**
1239 GREAT MALL DR **N/A**
MILPITAS, CA 95035

Site 3 of 3 in cluster AY

Relative:
Higher

Actual:
31 ft.

HAZNET:

Gepaid:	CAL000223643
Contact:	DAVE DOWD
Telephone:	5107742739
Facility Addr2:	Not reported
Mailing Name:	Not reported
Mailing Address:	PO BOX 238
Mailing City,St,Zip:	ALAMO, CA 945070000
Gen County:	Santa Clara
TSD EPA ID:	CAL000161743
TSD County:	Santa Clara
Waste Category:	Other organic solids
Disposal Method:	Transfer Station
Tons:	0.3
Facility County:	Santa Clara

AZ246 **CHMIRS** **S100222035**
East **25 W. CURTIS AVE.** **N/A**
1/2-1 **MILPITAS, CA**
4910 ft.

Site 1 of 2 in cluster AZ

Relative:
Higher

Actual:
28 ft.

CHMIRS:

OES Incident Number:	9990598	
OES notification:	Not reported	
OES Date:	Not reported	
OES Time:	Not reported	
Incident Date:	19-MAY-88	
Date Completed:	**19-MAY-88**	
Property Use:	500	
Agency Id Number:	43030	
Agency Incident Number:	0	
Time Notified:	1102	
Time Completed:	1110	
Surrounding Area:	500	
Estimated Temperature:	80	
Property Management:	C	
Special Studies 1:	Not reported	
Special Studies 2:	Not reported	
Special Studies 3:	Not reported	
Special Studies 4:	Not reported	
Special Studies 5:	Not reported	
Special Studies 6:	Not reported	
More Than Two Substances Involved?:		N
Resp Agncy Personel # Of Decontaminated:		Not reported
Responding Agency Personel # Of Injuries:		Not reported
Responding Agency Personel # Of Fatalities:		Not reported
Others Number Of Decontaminated:		Not reported
Others Number Of Injuries:		Not reported
Others Number Of Fatalities:		Not reported
Vehicle Make/year:	Not reported	
Vehicle License Number:	Not reported	
Vehicle State:	Not reported	
Vehicle Id Number:	Not reported	
CA/DOT/PUC/ICC Number:	Not reported	
Company Name:	Not reported	
Reporting Officer Name/ID:	LT. MAXWELL / C18	
Report Date:	19-MAY-88	
Comments:	N	
Facility Telephone:	408 942-2388	
Waterway Involved:	Not reported	
Waterway:	Not reported	
Spill Site:	Not reported	
Cleanup By:	Not reported	
Containment:	Not reported	
What Happened:	Not reported	
Type:	Not reported	
Measure:	Not reported	
Other:	Not reported	
Date/Time:	Not reported	
Year:	88-92	
Agency:	Not reported	
Incident Date:	Not reported	
Admin Agency:	Not reported	
Amount:	Not reported	

(Continued) **S100222035**

Contained:	Not reported
Site Type:	Not reported
E Date:	16-MAR-89
Substance:	Not reported
Quantity Released:	Not reported
BBLS:	Not reported
Cups:	Not reported
CUFT:	Not reported
Gallons:	Not reported
Grams:	Not reported
Pounds:	Not reported
Liters:	Not reported
Ounces:	Not reported
Pints:	Not reported
Quarts:	Not reported
Sheen:	Not reported
Tons:	Not reported
Unknown:	Not reported
Description:	Not reported
Evacuations:	Not reported
Number of Injuries:	Not reported
Number of Fatalities:	Not reported

AZ247 **CITY MILPITAS FIRE DEPT** **HAZNET** **S103646100**
East **25 WEST CURTIS AVE.** **N/A**
1/2-1 **MILPITAS, CA 95035**
4910 ft.

Site 2 of 2 in cluster AZ

Relative: Higher

Actual: 28 ft.

HAZNET:

Gepaid:	CAD982013963
Contact:	CITY OF MILPITAS
Telephone:	4089422390
Facility Addr2:	Not reported
Mailing Name:	Not reported
Mailing Address:	455 E CALAVERAS BLVD
Mailing City,St,Zip:	MILPITAS, CA 950355411
Gen County:	Santa Clara
TSD EPA ID:	CAD009452657
TSD County:	San Mateo
Waste Category:	Liquids with halogenated organic compounds > 1000 mg/l
Disposal Method:	Not reported
Tons:	.2001
Facility County:	Santa Clara

Gepaid:	CAD982013963
Contact:	CITY OF MILPITAS
Telephone:	4089422390
Facility Addr2:	Not reported
Mailing Name:	Not reported
Mailing Address:	455 E CALAVERAS BLVD
Mailing City,St,Zip:	MILPITAS, CA 950355411
Gen County:	Santa Clara
TSD EPA ID:	CAD028409019
TSD County:	Los Angeles
Waste Category:	Other organic solids
Disposal Method:	Transfer Station
Tons:	.2000

CITY MILPITAS FIRE DEPT (Continued) **S103646100**

Facility County: Santa Clara

Gepaid: CAD982013963
Contact: CITY OF MILPITAS
Telephone: 4089422390
Facility Addr2: Not reported
Mailing Name: Not reported
Mailing Address: 455 E CALAVERAS BLVD
Mailing City,St,Zip: MILPITAS, CA 950355411
Gen County: Santa Clara
TSD EPA ID: CAD028409019
TSD County: Los Angeles
Waste Category: Waste oil and mixed oil
Disposal Method: Treatment, Tank
Tons: .0834
Facility County: Santa Clara

BA248
ESE
1/2-1
4913 ft.

Relative:
Higher

Actual:
34 ft.

MCCANDLESS DRIVE / CAPITOL AVENUE **CHMIRS S100277560**
MILPITAS, CA 95035 **N/A**

Site 1 of 2 in cluster BA

CHMIRS:
OES Incident Number: 9116748
OES notification: Not reported
OES Date: Not reported
OES Time: Not reported
Incident Date: 03-MAY-91
Date Completed: 03-MAY-91
Property Use: 600
Agency Id Number: 43030
Agency Incident Number: 91-09346F
Time Notified: 922
Time Completed: 1033
Surrounding Area: 962
Estimated Temperature: 70
Property Management: C
Special Studies 1: Not reported
Special Studies 2: Not reported
Special Studies 3: Not reported
Special Studies 4: Not reported
Special Studies 5: Not reported
Special Studies 6: Not reported
More Than Two Substances Involved?: N
Resp Agncy Personel # Of Decontaminated: 0
Responding Agency Personel # Of Injuries: 0
Responding Agency Personel # Of Fatalities: 0
Others Number Of Decontaminated: 0
Others Number Of Injuries: 0
Others Number Of Fatalities: 0
Vehicle Make/year: INTERNATIONAL
Vehicle License Number: 2J49293
Vehicle State: CA
Vehicle Id Number: Not reported
CA/DOT/PUC/ICC Number: Not reported
Company Name: ALL CARGO TRANSPORT
Reporting Officer Name/ID: ENG. MORALES 19FIO

(Continued) **S100277560**

Report Date:	03-MAY-91
Comments:	N
Facility Telephone:	408 942-2388
Waterway Involved:	Not reported
Waterway:	Not reported
Spill Site:	Not reported
Cleanup By:	Not reported
Containment:	Not reported
What Happened:	Not reported
Type:	Not reported
Measure:	Not reported
Other:	Not reported
Date/Time:	Not reported
Year:	88-92
Agency:	Not reported
Incident Date:	Not reported
Admin Agency:	Not reported
Amount:	Not reported
Contained:	Not reported
Site Type:	Not reported
E Date:	01-JUL-92
Substance:	Not reported
Quantity Released:	Not reported
BBLS:	Not reported
Cups:	Not reported
CUFT:	Not reported
Gallons:	Not reported
Grams:	Not reported
Pounds:	Not reported
Liters:	Not reported
Ounces:	Not reported
Pints:	Not reported
Quarts:	Not reported
Sheen:	Not reported
Tons:	Not reported
Unknown:	Not reported
Description:	Not reported
Evacuations:	Not reported
Number of Injuries:	Not reported
Number of Fatalities:	Not reported

BA249 **DAHLS EQUIPMENT RENTAL** **HAZNET** **S102802490**
ESE **INTERSECTION CAPITAL AVE / MC** **N/A**
1/2-1 **MILPITAS, CA 95035**
4919 ft.

Site 2 of 2 in cluster BA

Relative:
Higher

Actual:
34 ft.

HAZNET:

Gepaid:	CAC001025208
Contact:	RICHARD DAHL
Telephone:	4082921888
Facility Addr2:	Not reported
Mailing Name:	Not reported
Mailing Address:	1110 N 10TH STREET
Mailing City,St,Zip:	SAN JOSE, CA 951120000
Gen County:	Santa Clara
TSD EPA ID:	CAD009452657
TSD County:	San Mateo

DAHLS EQUIPMENT RENTAL (Continued) **S102802490**

Waste Category:	Other organic solids
Disposal Method:	Recycler
Tons:	.1250
Facility County:	Santa Clara

BB250 **TOTAL TRANSPORTATION ENTERPRISES INC** **HAZNET** **S107146512**
NNE **87 WINSOR ST** **N/A**
1/2-1 **MILPITAS, CA 95035**
4928 ft.

Site 1 of 3 in cluster BB

Relative:
Lower

Actual:
16 ft.

HAZNET:

Gepaid:	CAL000178747
Contact:	RICK PONTI
Telephone:	4089459600
Facility Addr2:	Not reported
Mailing Name:	RICK PONTI,PRESIDENT
Mailing Address:	87 WINSON STREET
Mailing City,St,Zip:	MILPITAS, CA 950350000
Gen County:	Santa Clara
TSD EPA ID:	CAD028409019
TSD County:	Santa Clara
Waste Category:	Unspecified oil-containing waste
Disposal Method:	Transfer Station
Tons:	0.15
Facility County:	Santa Clara

BB251 **TOTAL TRANSPORTATION ENTERPRISES INC** **HAZNET** **S103674751**
NNE **87 WINSOR** **N/A**
1/2-1 **MILPITAS, CA 95035**
4928 ft.

Site 2 of 3 in cluster BB

Relative:
Lower

Actual:
16 ft.

HAZNET:

Gepaid:	CAL000178747
Contact:	TOTAL TRANSP ENT INC
Telephone:	0000000000
Facility Addr2:	Not reported
Mailing Name:	Not reported
Mailing Address:	496 S ABBOTT AVE
Mailing City,St,Zip:	MILPITAS, CA 950355258
Gen County:	Santa Clara
TSD EPA ID:	CAD000088252
TSD County:	Los Angeles
Waste Category:	Other organic solids
Disposal Method:	Transfer Station
Tons:	0.165
Facility County:	Santa Clara

Gepaid:	CAL000178747
Contact:	TOTAL TRANSP ENT INC
Telephone:	0000000000
Facility Addr2:	Not reported
Mailing Name:	Not reported
Mailing Address:	496 S ABBOTT AVE
Mailing City,St,Zip:	MILPITAS, CA 950355258

TOTAL TRANSPORTATION ENTERPRISES INC (Continued) **S103674751**

Gen County: Santa Clara
TSD EPA ID: CAD000088282
TSD County: 0
Waste Category: Other organic solids
Disposal Method: Not reported
Tons: 0.165
Facility County: Santa Clara

Gepaid: CAL000178747
Contact: TOTAL TRANSP ENT INC
Telephone: 0000000000
Facility Addr2: Not reported
Mailing Name: Not reported
Mailing Address: 496 S ABBOTT AVE
Mailing City,St,Zip: MILPITAS, CA 950355258
Gen County: Santa Clara
TSD EPA ID: CAD099452708
TSD County: Los Angeles
Waste Category: Aqueous solution with less than 10% total organic residues
Disposal Method: Recycler
Tons: 0.5837
Facility County: Santa Clara

Gepaid: CAL000178747
Contact: TOTAL TRANSP ENT INC
Telephone: 0000000000
Facility Addr2: Not reported
Mailing Name: Not reported
Mailing Address: 496 S ABBOTT AVE
Mailing City,St,Zip: MILPITAS, CA 950355258
Gen County: Santa Clara
TSD EPA ID: TND000772186
TSD County: 99
Waste Category: Unspecified oil-containing waste
Disposal Method: Not reported
Tons: .1750
Facility County: Santa Clara

Gepaid: CAL000178747
Contact: TOTAL TRANSP ENT INC
Telephone: 0000000000
Facility Addr2: Not reported
Mailing Name: Not reported
Mailing Address: 496 S ABBOTT AVE
Mailing City,St,Zip: MILPITAS, CA 950355258
Gen County: Santa Clara
TSD EPA ID: CAT080013352
TSD County: Los Angeles
Waste Category: Unspecified oil-containing waste
Disposal Method: Recycler
Tons: .2293
Facility County: Santa Clara

Click this hyperlink while viewing on your computer to access
2 additional CA_HAZNET: record(s) in the EDR Site Report.

BC252
South
1/2-1
4935 ft.

Relative:
Higher

Actual:
33 ft.

1630 MCCARTHY BLVD
1630 MCCARTHY BLVD
MILPITAS, CA 95035

Site 1 of 7 in cluster BC

Database(s): **ERNS**
EDR ID Number: **93343329**
EPA ID Number: **N/A**

Click this hyperlink while viewing on your computer to access additional ERNS detail in the EDR Site Report.

BC253
South
1/2-1
4935 ft.

Relative:
Higher

Actual:
33 ft.

1630 MCCARTHY BLVD
MILPITAS, CA 95035

Site 2 of 7 in cluster BC

Database(s): **CHMIRS, CA WDS**
EDR ID Number: **S100275592**
EPA ID Number: **N/A**

CHMIRS:

OES Incident Number:	9001308
OES notification:	Not reported
OES Date:	Not reported
OES Time:	Not reported
Incident Date:	23-SEP-90
Date Completed:	**23-SEP-90**
Property Use:	600
Agency Id Number:	43030
Agency Incident Number:	90-20200F
Time Notified:	814
Time Completed:	945
Surrounding Area:	600
Estimated Temperature:	74
Property Management:	P
Special Studies 1:	Not reported
Special Studies 2:	Not reported
Special Studies 3:	Not reported
Special Studies 4:	Not reported
Special Studies 5:	Not reported
Special Studies 6:	Not reported
More Than Two Substances Involved?:	N
Resp Agncy Personel # Of Decontaminated:	0
Responding Agency Personel # Of Injuries:	0
Responding Agency Personel # Of Fatalities:	0
Others Number Of Decontaminated:	0
Others Number Of Injuries:	0
Others Number Of Fatalities:	0
Vehicle Make/year:	Not reported
Vehicle License Number:	Not reported
Vehicle State:	Not reported
Vehicle Id Number:	Not reported
CA/DOT/PUC/ICC Number:	Not reported
Company Name:	Not reported
Reporting Officer Name/ID:	CAPT. AL HUSON 19C1
Report Date:	23-SEP-90
Comments:	N
Facility Telephone:	408 942-2388
Waterway Involved:	Not reported
Waterway:	Not reported
Spill Site:	Not reported
Cleanup By:	Not reported
Containment:	Not reported
What Happened:	Not reported
Type:	Not reported

(Continued) **S100275592**

Measure:	Not reported
Other:	Not reported
Date/Time:	Not reported
Year:	88-92
Agency:	Not reported
Incident Date:	Not reported
Admin Agency:	Not reported
Amount:	Not reported
Contained:	Not reported
Site Type:	Not reported
E Date:	21-APR-92
Substance:	Not reported
Quantity Released:	Not reported
BBLS:	Not reported
Cups:	Not reported
CUFT:	Not reported
Gallons:	Not reported
Grams:	Not reported
Pounds:	Not reported
Liters:	Not reported
Ounces:	Not reported
Pints:	Not reported
Quarts:	Not reported
Sheen:	Not reported
Tons:	Not reported
Unknown:	Not reported
Description:	Not reported
Evacuations:	Not reported
Number of Injuries:	Not reported
Number of Fatalities:	Not reported

CA WDS:

Facility ID:	San Francisco Bay 43I006792
Facility Type:	Industrial - Facility that treats and/or disposes of liquid or semisolid wastes from any servicing, producing, manufacturing or processing operation of whatever nature, including mining, gravel washing, geothermal operations, air conditioning, ship building and repairing, oil production, storage and disposal operations, water pumping.
Facility Status:	Active - Any facility with a continuous or seasonal discharge that is under Waste Discharge Requirements.
NPDES Number:	CAS000001 The 1st 2 characters designate the state. The remaining 7 are assigned by the Regional Board
Subregion:	2
Facility Telephone:	4084321900
Facility Contact:	DAVE ASPLUND
Agency Name:	LINEAR TECH
Agency Address:	1630 Mccarthy Blvd
Agency City,St,Zip:	Milpitas 950357487
Agency Contact:	BOB SWANSON
Agency Telephone:	4084321900
Agency Type:	Private
SIC Code:	Not reported
SIC Code 2:	Not reported
Primary Waste:	Not reported
Primary Waste Type:	Not reported
Secondary Waste:	Not reported
Secondary Waste Type:	Not reported

(Continued) **S100275592**

Design Flow:	Not reported
Baseline Flow:	Not reported
Reclamation:	Not reported
POTW:	Not reported
Treat To Water:	Minor Threat to Water Quality. A violation of a regional board order should cause a relatively minor impairment of beneficial uses compared to a major or minor threat. Not: All nurds without a TTWQ will be considered a minor threat to water quality unless coded at a higher Level. A Zero (0) may be used to code those NURDS that are found to represent no threat to water quality.
Complexity:	Category C - Facilities having no waste treatment systems, such as cooling water dischargers or thosewho must comply through best management practices, facilities with passive waste treatment and disposal systems, such as septic systems with subsurface disposal, or dischargers having waste storage systems with land disposal such as dairy waste ponds.

BC254 **1630 MCCARTHY BLVD** **ERNS** **92280209**
South **1630 MCCARTHY BLVD** **N/A**
1/2-1 **MILPITAS, CA 95035**
4935 ft.

Site 3 of 7 in cluster BC

Relative:
Higher

Actual:
33 ft.

Click this hyperlink while viewing on your computer to access additional ERNS detail in the EDR Site Report.

BC255 **1630 MCCARTHY BLVD.** **ERNS** **90185826**
South **1630 MCCARTHY BLVD.** **N/A**
1/2-1 **MILPITAS, CA 95035**
4935 ft.

Site 4 of 7 in cluster BC

Relative:
Higher

Actual:
33 ft.

Click this hyperlink while viewing on your computer to access additional ERNS detail in the EDR Site Report.

BC256 **1630 MCCARTHY BLVD** **ERNS** **92280231**
South **1630 MCCARTHY BLVD** **N/A**
1/2-1 **MILPITAS, CA 95035**
4935 ft.

Site 5 of 7 in cluster BC

Relative:
Higher

Actual:
33 ft.

Click this hyperlink while viewing on your computer to access additional ERNS detail in the EDR Site Report.

BC257 **LINEAR TECHNOLOGY CORPORATION** **HAZNET** **1000200172**
South **1630 MCCARTHY BLVD** **RCRA-LQG** **CAD980694590**
1/2-1 **MILPITAS, CA 95035** **EMI**
4935 ft.

Site 6 of 7 in cluster BC

Relative:
Higher

Actual:
33 ft.

HAZNET:

Gepaid:	CAD980694590
Contact:	DAVE ASPLUND
Telephone:	4084321900
Facility Addr2:	Not reported
Mailing Name:	Not reported
Mailing Address:	1630 MCCARTHY BLVD

LINEAR TECHNOLOGY CORPORATION (Continued) **1000200172**

Mailing City,St,Zip: MILPITAS, CA 950357417
Gen County: Santa Clara
TSD EPA ID: Not reported
TSD County: 99
Waste Category: Other inorganic solid waste
Disposal Method: Recycler
Tons: 0.15
Facility County: Not reported

Gepaid: CAD980694590
Contact: DAVE ASPLUND
Telephone: 4084321900
Facility Addr2: Not reported
Mailing Name: Not reported
Mailing Address: 1630 MCCARTHY BLVD
Mailing City,St,Zip: MILPITAS, CA 950357417
Gen County: Santa Clara
TSD EPA ID: Not reported
TSD County: Santa Clara
Waste Category: Other inorganic solid waste
Disposal Method: Recycler
Tons: 0.40
Facility County: Not reported

Gepaid: CAD980694590
Contact: DAVE ASPLUND
Telephone: 4084321900
Facility Addr2: Not reported
Mailing Name: Not reported
Mailing Address: 1630 MCCARTHY BLVD
Mailing City,St,Zip: MILPITAS, CA 950357417
Gen County: Santa Clara
TSD EPA ID: Not reported
TSD County: Los Angeles
Waste Category: Unspecified organic liquid mixture
Disposal Method: Recycler
Tons: 4.58
Facility County: Not reported

Gepaid: CAD980694590
Contact: DAVE ASPLUND
Telephone: 4084321900
Facility Addr2: Not reported
Mailing Name: Not reported
Mailing Address: 1630 MCCARTHY BLVD
Mailing City,St,Zip: MILPITAS, CA 950357417
Gen County: Santa Clara
TSD EPA ID: Not reported
TSD County: Los Angeles
Waste Category: Liquids with pH <UN-> 2
Disposal Method: Disposal, Other
Tons: 0.66
Facility County: Not reported

Gepaid: CAD980694590
Contact: DAVE ASPLUND
Telephone: 4084321900

LINEAR TECHNOLOGY CORPORATION (Continued) **1000200172**

Facility Addr2: Not reported
Mailing Name: Not reported
Mailing Address: 1630 MCCARTHY BLVD
Mailing City,St,Zip: MILPITAS, CA 950357417
Gen County: Santa Clara
TSD EPA ID: Not reported
TSD County: Orange
Waste Category: Other inorganic solid waste
Disposal Method: Transfer Station
Tons: 0.13
Facility County: Not reported

Click this hyperlink while viewing on your computer to access
219 additional CA_HAZNET: record(s) in the EDR Site Report.

RCRAInfo:
Owner: NOT REQUIRED
(415) 555-1212
EPA ID: CAD980694590

Contact: Not reported

Classification: Large Quantity Generator
TSDF Activities: Not reported

Violation Status: Violations exist

Regulation Violated: 262.10-12.A
Area of Violation: GENERATOR-ALL REQUIREMENTS (OVERSIGHT)
Date Violation Determined: 02/22/1995
Actual Date Achieved Compliance: 02/22/2000

There are 1 violation record(s) reported at this site:

Evaluation	Area of Violation	Date of Compliance
Compliance Evaluation Inspection	GENERATOR-ALL REQUIREMENTS (OVERSIGHT)	20000222

EMI:
Year: 1987
Carbon Monoxide Emissions Tons/Yr: 43
Air Basin: SF
Facility ID: 830
Air District Name: BA
SIC Code: 3674
Air District Name: BAY AREA AQMD
Community Health Air Pollution Info System: Not reported
Consolidated Emission Reporting Rule: Not reported
Total Organic Hydrocarbon Gases Tons/Yr: 15
Reactive Organic Gases Tons/Yr: 6
Carbon Monoxide Emissions Tons/Yr: 0
NOX - Oxides of Nitrogen Tons/Yr: 0
SOX - Oxides of Sulphur Tons/Yr: 0
Particulate Matter Tons/Yr: 0
Part. Matter 10 Micrometers & Smllr Tons/Yr: 0

Year: 1990
Carbon Monoxide Emissions Tons/Yr: 43
Air Basin: SF
Facility ID: 830

LINEAR TECHNOLOGY CORPORATION (Continued) **1000200172**

Air District Name:	BA
SIC Code:	3674
Air District Name:	BAY AREA AQMD
Community Health Air Pollution Info System:	Not reported
Consolidated Emission Reporting Rule:	Not reported
Total Organic Hydrocarbon Gases Tons/Yr:	7
Reactive Organic Gases Tons/Yr:	3
Carbon Monoxide Emissions Tons/Yr:	0
NOX - Oxides of Nitrogen Tons/Yr:	0
SOX - Oxides of Sulphur Tons/Yr:	0
Particulate Matter Tons/Yr:	0
Part. Matter 10 Micrometers & Smllr Tons/Yr:	0

Year:	1995
Carbon Monoxide Emissions Tons/Yr:	43
Air Basin:	SF
Facility ID:	830
Air District Name:	BA
SIC Code:	3674
Air District Name:	BAY AREA AQMD
Community Health Air Pollution Info System:	Not reported
Consolidated Emission Reporting Rule:	Not reported
Total Organic Hydrocarbon Gases Tons/Yr:	6
Reactive Organic Gases Tons/Yr:	4
Carbon Monoxide Emissions Tons/Yr:	0
NOX - Oxides of Nitrogen Tons/Yr:	0
SOX - Oxides of Sulphur Tons/Yr:	0
Particulate Matter Tons/Yr:	0
Part. Matter 10 Micrometers & Smllr Tons/Yr:	0

Year:	1996
Carbon Monoxide Emissions Tons/Yr:	43
Air Basin:	SF
Facility ID:	830
Air District Name:	BA
SIC Code:	3674
Air District Name:	BAY AREA AQMD
Community Health Air Pollution Info System:	Not reported
Consolidated Emission Reporting Rule:	Not reported
Total Organic Hydrocarbon Gases Tons/Yr:	11
Reactive Organic Gases Tons/Yr:	6
Carbon Monoxide Emissions Tons/Yr:	0
NOX - Oxides of Nitrogen Tons/Yr:	0
SOX - Oxides of Sulphur Tons/Yr:	0
Particulate Matter Tons/Yr:	0
Part. Matter 10 Micrometers & Smllr Tons/Yr:	0

Year:	1997
Carbon Monoxide Emissions Tons/Yr:	43
Air Basin:	SF
Facility ID:	830
Air District Name:	BA
SIC Code:	3674
Air District Name:	BAY AREA AQMD
Community Health Air Pollution Info System:	Not reported
Consolidated Emission Reporting Rule:	Not reported
Total Organic Hydrocarbon Gases Tons/Yr:	5

LINEAR TECHNOLOGY CORPORATION (Continued) **1000200172**

Reactive Organic Gases Tons/Yr:	4
Carbon Monoxide Emissions Tons/Yr:	0
NOX - Oxides of Nitrogen Tons/Yr:	0
SOX - Oxides of Sulphur Tons/Yr:	0
Particulate Matter Tons/Yr:	0
Part. Matter 10 Micrometers & Smllr Tons/Yr:	0

Year:	1998
Carbon Monoxide Emissions Tons/Yr:	43
Air Basin:	SF
Facility ID:	830
Air District Name:	BA
SIC Code:	3674
Air District Name:	BAY AREA AQMD
Community Health Air Pollution Info System:	Not reported
Consolidated Emission Reporting Rule:	Not reported
Total Organic Hydrocarbon Gases Tons/Yr:	2
Reactive Organic Gases Tons/Yr:	2
Carbon Monoxide Emissions Tons/Yr:	0
NOX - Oxides of Nitrogen Tons/Yr:	0
SOX - Oxides of Sulphur Tons/Yr:	0
Particulate Matter Tons/Yr:	0
Part. Matter 10 Micrometers & Smllr Tons/Yr:	0

Year:	1999
Carbon Monoxide Emissions Tons/Yr:	43
Air Basin:	SF
Facility ID:	830
Air District Name:	BA
SIC Code:	3674
Air District Name:	BAY AREA AQMD
Community Health Air Pollution Info System:	Not reported
Consolidated Emission Reporting Rule:	Not reported
Total Organic Hydrocarbon Gases Tons/Yr:	5
Reactive Organic Gases Tons/Yr:	3
Carbon Monoxide Emissions Tons/Yr:	0
NOX - Oxides of Nitrogen Tons/Yr:	0
SOX - Oxides of Sulphur Tons/Yr:	0
Particulate Matter Tons/Yr:	0
Part. Matter 10 Micrometers & Smllr Tons/Yr:	0

Year:	2000
Carbon Monoxide Emissions Tons/Yr:	43
Air Basin:	SF
Facility ID:	830
Air District Name:	BA
SIC Code:	3674
Air District Name:	BAY AREA AQMD
Community Health Air Pollution Info System:	Not reported
Consolidated Emission Reporting Rule:	Not reported
Total Organic Hydrocarbon Gases Tons/Yr:	5
Reactive Organic Gases Tons/Yr:	3
Carbon Monoxide Emissions Tons/Yr:	0
NOX - Oxides of Nitrogen Tons/Yr:	0
SOX - Oxides of Sulphur Tons/Yr:	0
Particulate Matter Tons/Yr:	0
Part. Matter 10 Micrometers & Smllr Tons/Yr:	0

LINEAR TECHNOLOGY CORPORATION (Continued) **1000200172**

Year:	2001
Carbon Monoxide Emissions Tons/Yr:	43
Air Basin:	SF
Facility ID:	830
Air District Name:	BA
SIC Code:	3674
Air District Name:	BAY AREA AQMD
Community Health Air Pollution Info System:	Not reported
Consolidated Emission Reporting Rule:	Not reported
Total Organic Hydrocarbon Gases Tons/Yr:	9
Reactive Organic Gases Tons/Yr:	6
Carbon Monoxide Emissions Tons/Yr:	0
NOX - Oxides of Nitrogen Tons/Yr:	0
SOX - Oxides of Sulphur Tons/Yr:	0
Particulate Matter Tons/Yr:	0
Part. Matter 10 Micrometers & Smllr Tons/Yr:	0

Year:	2002
Carbon Monoxide Emissions Tons/Yr:	43
Air Basin:	SF
Facility ID:	830
Air District Name:	BA
SIC Code:	3577
Air District Name:	BAY AREA AQMD
Community Health Air Pollution Info System:	Not reported
Consolidated Emission Reporting Rule:	Not reported
Total Organic Hydrocarbon Gases Tons/Yr:	9
Reactive Organic Gases Tons/Yr:	6
Carbon Monoxide Emissions Tons/Yr:	0
NOX - Oxides of Nitrogen Tons/Yr:	0
SOX - Oxides of Sulphur Tons/Yr:	0
Particulate Matter Tons/Yr:	0
Part. Matter 10 Micrometers & Smllr Tons/Yr:	0

Year:	2003
Carbon Monoxide Emissions Tons/Yr:	43
Air Basin:	SF
Facility ID:	830
Air District Name:	BA
SIC Code:	3577
Air District Name:	BAY AREA AQMD
Community Health Air Pollution Info System:	Not reported
Consolidated Emission Reporting Rule:	Not reported
Total Organic Hydrocarbon Gases Tons/Yr:	0
Reactive Organic Gases Tons/Yr:	0
Carbon Monoxide Emissions Tons/Yr:	0
NOX - Oxides of Nitrogen Tons/Yr:	0
SOX - Oxides of Sulphur Tons/Yr:	0
Particulate Matter Tons/Yr:	0
Part. Matter 10 Micrometers & Smllr Tons/Yr:	0

BC258
South
1/2-1
4938 ft.

Relative:
Higher

Actual:
33 ft.

LINEAR TECHNOLOGY CORP
1630 MCCARTHY BLVD
MILPITAS, CA 95035

Site 7 of 7 in cluster BC

TRIS

1008341213
95035LNRTC16

BB259
NNE
1/2-1
4941 ft.

Relative:
Lower

Actual:
16 ft.

THE PERFORMANCE SOURCE
91 WINSOR STREET
MILPITAS, CA 95035

Site 3 of 3 in cluster BB

HAZNET

S102824457
N/A

HAZNET:

Gepaid:	CAL000156451
Contact:	SCOTT PARODI
Telephone:	0000000000
Facility Addr2:	Not reported
Mailing Name:	Not reported
Mailing Address:	91 WINSOR STREET
Mailing City,St,Zip:	MILPITAS, CA 950350000
Gen County:	Santa Clara
TSD EPA ID:	CAD980887418
TSD County:	1
Waste Category:	Aqueous solution with less than 10% total organic residues
Disposal Method:	Transfer Station
Tons:	.2293
Facility County:	Santa Clara

Gepaid:	CAL000156451
Contact:	SCOTT PARODI
Telephone:	0000000000
Facility Addr2:	Not reported
Mailing Name:	Not reported
Mailing Address:	91 WINSOR STREET
Mailing City,St,Zip:	MILPITAS, CA 950350000
Gen County:	Santa Clara
TSD EPA ID:	CAD980887418
TSD County:	1
Waste Category:	Aqueous solution with less than 10% total organic residues
Disposal Method:	Transfer Station
Tons:	.1251
Facility County:	Santa Clara

Gepaid:	CAL000156451
Contact:	SCOTT PARODI
Telephone:	0000000000
Facility Addr2:	Not reported
Mailing Name:	Not reported
Mailing Address:	91 WINSOR STREET
Mailing City,St,Zip:	MILPITAS, CA 950350000
Gen County:	Santa Clara
TSD EPA ID:	CAD980887418
TSD County:	1
Waste Category:	Aqueous solution with less than 10% total organic residues
Disposal Method:	Transfer Station
Tons:	.2293
Facility County:	Santa Clara

THE PERFORMANCE SOURCE (Continued) **S102824457**

Gepaid:	CAL000156451
Contact:	SCOTT PARODI
Telephone:	0000000000
Facility Addr2:	Not reported
Mailing Name:	Not reported
Mailing Address:	91 WINSOR STREET
Mailing City,St,Zip:	MILPITAS, CA 950350000
Gen County:	Santa Clara
TSD EPA ID:	CAD980887418
TSD County:	1
Waste Category:	Aqueous solution with less than 10% total organic residues
Disposal Method:	Transfer Station
Tons:	.2293
Facility County:	Santa Clara

Click this hyperlink while viewing on your computer to access
-1 additional CA_HAZNET: record(s) in the EDR Site Report.

260
NNE
1/2-1
4960 ft.

86 NORTH MAIN STREET
MILPITAS, CA 95035

CHMIRS **S100275747**
N/A

Relative:
Lower

Actual:
14 ft.

CHMIRS:

OES Incident Number:	9010773
OES notification:	Not reported
OES Date:	Not reported
OES Time:	Not reported
Incident Date:	12-MAY-90
Date Completed:	**12-MAY-90**
Property Use:	936
Agency Id Number:	43030
Agency Incident Number:	909337
Time Notified:	941
Time Completed:	1017
Surrounding Area:	500
Estimated Temperature:	68
Property Management:	P
Special Studies 1:	Not reported
Special Studies 2:	Not reported
Special Studies 3:	Not reported
Special Studies 4:	Not reported
Special Studies 5:	Not reported
Special Studies 6:	Not reported
More Than Two Substances Involved?:	N
Resp Agncy Personel # Of Decontaminated:	0
Responding Agency Personel # Of Injuries:	0
Responding Agency Personel # Of Fatalities:	0
Others Number Of Decontaminated:	0
Others Number Of Injuries:	0
Others Number Of Fatalities:	0
Vehicle Make/year:	Not reported
Vehicle License Number:	Not reported
Vehicle State:	Not reported
Vehicle Id Number:	Not reported
CA/DOT/PUC/ICC Number:	Not reported
Company Name:	Not reported
Reporting Officer Name/ID:	BILL WEISGERBER 19B3

(Continued) **S100275747**

Report Date:	12-MAY-90
Comments:	Y
Facility Telephone:	408 942-2388
Waterway Involved:	Not reported
Waterway:	Not reported
Spill Site:	Not reported
Cleanup By:	Not reported
Containment:	Not reported
What Happened:	Not reported
Type:	Not reported
Measure:	Not reported
Other:	Not reported
Date/Time:	Not reported
Year:	88-92
Agency:	Not reported
Incident Date:	Not reported
Admin Agency:	Not reported
Amount:	Not reported
Contained:	Not reported
Site Type:	Not reported
E Date:	14-MAY-91
Substance:	Not reported
Quantity Released:	Not reported
BBLS:	Not reported
Cups:	Not reported
CUFT:	Not reported
Gallons:	Not reported
Grams:	Not reported
Pounds:	Not reported
Liters:	Not reported
Ounces:	Not reported
Pints:	Not reported
Quarts:	Not reported
Sheen:	Not reported
Tons:	Not reported
Unknown:	Not reported
Description:	Not reported
Evacuations:	Not reported
Number of Injuries:	Not reported
Number of Fatalities:	Not reported

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261 **WEST COAST ENGINES** **HAZNET** **S100878006**
SE **1438 SOUTH MAIN STREET MILPITA** **N/A**
1/2-1 **S, CA 95035**
4963 ft.

Relative: **Higher**

Actual: **34 ft.**

HAZNET:

Gepaid:	CAD981462427
Contact:	Not reported
Telephone:	0000000000
Facility Addr2:	Not reported
Mailing Name:	Not reported
Mailing Address:	1438 SOUTH MAIN STREET
Mailing City,St,Zip:	MILPITAS, CA 950350000
Gen County:	Santa Clara
TSD EPA ID:	CAD980887418
TSD County:	1
Waste Category:	Not reported

WEST COAST ENGINES (Continued) **S100878006**

Disposal Method:	Recycler
Tons:	.0000
Facility County:	Santa Clara
Gepaid:	CAD981462427
Contact:	Not reported
Telephone:	0000000000
Facility Addr2:	Not reported
Mailing Name:	Not reported
Mailing Address:	1438 SOUTH MAIN STREET
Mailing City,St,Zip:	MILPITAS, CA 950350000
Gen County:	Santa Clara
TSD EPA ID:	CAD980887418
TSD County:	1
Waste Category:	Aqueous solution with less than 10% total organic residues
Disposal Method:	Not reported
Tons:	.2502
Facility County:	Santa Clara
Gepaid:	CAD981462427
Contact:	Not reported
Telephone:	0000000000
Facility Addr2:	Not reported
Mailing Name:	Not reported
Mailing Address:	1438 SOUTH MAIN STREET
Mailing City,St,Zip:	MILPITAS, CA 950350000
Gen County:	Santa Clara
TSD EPA ID:	CAD980887418
TSD County:	1
Waste Category:	Aqueous solution with less than 10% total organic residues
Disposal Method:	Transfer Station
Tons:	.4587
Facility County:	Santa Clara

262
NNE
1/2-1
4972 ft.

REAR OF 86 N. MAIN ST.
REAR OF 86 N. MAIN ST.
MILPITAS, CA 95035

ERNS **90167541**
N/A

Relative:
Lower

Actual:
13 ft.

Click this hyperlink while viewing on your computer to access additional ERNS detail in the EDR Site Report.

263
ENE
1/2-1
4979 ft.

690 GILBRALTOR DRIVE
MILPITAS, CA 95035

CHMIRS **S100219397**
N/A

Relative:
Lower

Actual:
23 ft.

CHMIRS:

OES Incident Number:	9009590
OES notification:	Not reported
OES Date:	Not reported
OES Time:	Not reported
Incident Date:	06-JAN-90
Date Completed:	**06-JAN-90**

(Continued) **S100219397**

Property Use:	762
Agency Id Number:	43030
Agency Incident Number:	90-356F
Time Notified:	1312
Time Completed:	1356
Surrounding Area:	500
Estimated Temperature:	65
Property Management:	P
Special Studies 1:	Not reported
Special Studies 2:	Not reported
Special Studies 3:	Not reported
Special Studies 4:	Not reported
Special Studies 5:	Not reported
Special Studies 6:	Not reported
More Than Two Substances Involved?:	N
Resp Agncy Personel # Of Decontaminated:	0
Responding Agency Personel # Of Injuries:	0
Responding Agency Personel # Of Fatalities:	0
Others Number Of Decontaminated:	0
Others Number Of Injuries:	0
Others Number Of Fatalities:	0
Vehicle Make/year:	Not reported
Vehicle License Number:	Not reported
Vehicle State:	Not reported
Vehicle Id Number:	Not reported
CA/DOT/PUC/ICC Number:	Not reported
Company Name:	Not reported
Reporting Officer Name/ID:	BILL TSUDAMS C8
Report Date:	06-JAN-90
Comments:	N
Facility Telephone:	408 942-2388
Waterway Involved:	Not reported
Waterway:	Not reported
Spill Site:	Not reported
Cleanup By:	Not reported
Containment:	Not reported
What Happened:	Not reported
Type:	Not reported
Measure:	Not reported
Other:	Not reported
Date/Time:	Not reported
Year:	88-92
Agency:	Not reported
Incident Date:	Not reported
Admin Agency:	Not reported
Amount:	Not reported
Contained:	Not reported
Site Type:	Not reported
E Date:	25-JUN-91
Substance:	Not reported
Quantity Released:	Not reported
BBLS:	Not reported
Cups:	Not reported
CUFT:	Not reported
Gallons:	Not reported
Grams:	Not reported
Pounds:	Not reported

(Continued) **S100219397**

Liters:	Not reported
Ounces:	Not reported
Pints:	Not reported
Quarts:	Not reported
Sheen:	Not reported
Tons:	Not reported
Unknown:	Not reported
Description:	Not reported
Evacuations:	Not reported
Number of Injuries:	Not reported
Number of Fatalities:	Not reported

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264 **CPS REALTY** **HAZNET S105086617**
South **1656 MCCARTHY BLVD** **EMI N/A**
1/2-1 **MILPITAS, CA 95035**
5032 ft.

Relative:
Higher

Actual:
32 ft.

HAZNET:

Gepaid:	CAC002282113
Contact:	CPS REALTY
Telephone:	4083994567
Facility Addr2:	Not reported
Mailing Name:	Not reported
Mailing Address:	260 LOS GATOS SARATOGA RD
Mailing City,St,Zip:	LOS GATOS, CA 950385317
Gen County:	Santa Clara
TSD EPA ID:	CAD028409019
TSD County:	Los Angeles
Waste Category:	Unspecified organic liquid mixture
Disposal Method:	Treatment, Tank
Tons:	.2293
Facility County:	Santa Clara

EMI:

Year:	2001
Carbon Monoxide Emissions Tons/Yr:	43
Air Basin:	SF
Facility ID:	12740
Air District Name:	BA
SIC Code:	4813
Air District Name:	BAY AREA AQMD
Community Health Air Pollution Info System:	Not reported
Consolidated Emission Reporting Rule:	Not reported
Total Organic Hydrocarbon Gases Tons/Yr:	0
Reactive Organic Gases Tons/Yr:	0
Carbon Monoxide Emissions Tons/Yr:	0
NOX - Oxides of Nitrogen Tons/Yr:	1
SOX - Oxides of Sulphur Tons/Yr:	0
Particulate Matter Tons/Yr:	0
Part. Matter 10 Micrometers & Smllr Tons/Yr:	0

Year:	2002
Carbon Monoxide Emissions Tons/Yr:	43
Air Basin:	SF
Facility ID:	12740
Air District Name:	BA
SIC Code:	4813

CPS REALTY (Continued) **S105086617**

Air District Name:	BAY AREA AQMD
Community Health Air Pollution Info System:	Not reported
Consolidated Emission Reporting Rule:	Not reported
Total Organic Hydrocarbon Gases Tons/Yr:	0
Reactive Organic Gases Tons/Yr:	0
Carbon Monoxide Emissions Tons/Yr:	0
NOX - Oxides of Nitrogen Tons/Yr:	1
SOX - Oxides of Sulphur Tons/Yr:	0
Particulate Matter Tons/Yr:	0
Part. Matter 10 Micrometers & Smllr Tons/Yr:	0

BD265 **CHMIRS** **S100275089**
NE **455 CALAVERAS BLVD** **N/A**
1/2-1 **MILPITAS, CA 95035**
5047 ft.

Site 1 of 2 in cluster BD

Relative:
Lower

Actual:
16 ft.

CHMIRS:

OES Incident Number:	8907735
OES notification:	Not reported
OES Date:	Not reported
OES Time:	Not reported
Incident Date:	01-SEP-89
Date Completed:	**01-SEP-89**
Property Use:	500
Agency Id Number:	43030
Agency Incident Number:	89-19156
Time Notified:	1555
Time Completed:	1700
Surrounding Area:	500
Estimated Temperature:	Not reported
Property Management:	C
Special Studies 1:	Not reported
Special Studies 2:	Not reported
Special Studies 3:	Not reported
Special Studies 4:	Not reported
Special Studies 5:	Not reported
Special Studies 6:	Not reported
More Than Two Substances Involved?:	N
Resp Agncy Personel # Of Decontaminated:	0
Responding Agency Personel # Of Injuries:	0
Responding Agency Personel # Of Fatalities:	0
Others Number Of Decontaminated:	0
Others Number Of Injuries:	0
Others Number Of Fatalities:	0
Vehicle Make/year:	Not reported
Vehicle License Number:	Not reported
Vehicle State:	Not reported
Vehicle Id Number:	Not reported
CA/DOT/PUC/ICC Number:	Not reported
Company Name:	Not reported
Reporting Officer Name/ID:	PAUL BRENNER
Report Date:	01-SEP-89
Comments:	Not reported
Facility Telephone:	408 942-2388
Waterway Involved:	Not reported
Waterway:	Not reported
Spill Site:	Not reported

(Continued) **S100275089**

Cleanup By:	Not reported
Containment:	Not reported
What Happened:	Not reported
Type:	Not reported
Measure:	Not reported
Other:	Not reported
Date/Time:	Not reported
Year:	88-92
Agency:	Not reported
Incident Date:	Not reported
Admin Agency:	Not reported
Amount:	Not reported
Contained:	Not reported
Site Type:	Not reported
E Date:	10-OCT-90
Substance:	Not reported
Quantity Released:	Not reported
BBLS:	Not reported
Cups:	Not reported
CUFT:	Not reported
Gallons:	Not reported
Grams:	Not reported
Pounds:	Not reported
Liters:	Not reported
Ounces:	Not reported
Pints:	Not reported
Quarts:	Not reported
Sheen:	Not reported
Tons:	Not reported
Unknown:	Not reported
Description:	Not reported
Evacuations:	Not reported
Number of Injuries:	Not reported
Number of Fatalities:	Not reported

BD266
NE
1/2-1
5059 ft.

WILLIAM MUSSONE DMD INC.
466 B EAST CALAVERAS BLVD
MILPITAS, CA 95035

HAZNET **S104578274**
N/A

Site 2 of 2 in cluster BD

Relative:
Lower

Actual:
16 ft.

HAZNET:

Gepaid:	CAL000114939
Contact:	DR WILLIAM MUSSONE DMD
Telephone:	0000000000
Facility Addr2:	Not reported
Mailing Name:	Not reported
Mailing Address:	466 E CALAVERAS BLVD # B
Mailing City,St,Zip:	MILPITAS, CA 950350000
Gen County:	Santa Clara
TSD EPA ID:	CAL000082530
TSD County:	Santa Clara
Waste Category:	Photochemicals/photoprocessing waste
Disposal Method:	Treatment, Tank
Tons:	.0750
Facility County:	Santa Clara
Gepaid:	CAL000114939

WILLIAM MUSSONE DMD INC. (Continued) **S104578274**

Contact:	DR WILLIAM MUSSONE DMD
Telephone:	0000000000
Facility Addr2:	Not reported
Mailing Name:	Not reported
Mailing Address:	466 E CALAVERAS BLVD # B
Mailing City,St,Zip:	MILPITAS, CA 950350000
Gen County:	Santa Clara
TSD EPA ID:	CAL000082530
TSD County:	Santa Clara
Waste Category:	Unspecified organic liquid mixture
Disposal Method:	Treatment, Tank
Tons:	.0291
Facility County:	Santa Clara

Gepaid:	CAL000114939
Contact:	DR WILLIAM MUSSONE DMD
Telephone:	0000000000
Facility Addr2:	Not reported
Mailing Name:	Not reported
Mailing Address:	466 E CALAVERAS BLVD # B
Mailing City,St,Zip:	MILPITAS, CA 950350000
Gen County:	Santa Clara
TSD EPA ID:	CAL000082530
TSD County:	Santa Clara
Waste Category:	Not reported
Disposal Method:	Treatment, Tank
Tons:	.0000
Facility County:	Santa Clara

Gepaid:	CAL000114939
Contact:	AVIDEH SHEIK RDA
Telephone:	4082636660
Facility Addr2:	Not reported
Mailing Name:	Not reported
Mailing Address:	466 E CALAVERAS BLVD # B
Mailing City,St,Zip:	MILPITAS, CA 950350000
Gen County:	Santa Clara
TSD EPA ID:	Not reported
TSD County:	Santa Clara
Waste Category:	Not reported
Disposal Method:	Treatment, Tank
Tons:	Not reported
Facility County:	Not reported

Gepaid:	CAL000114939
Contact:	AVIDEH SHEIK RDA
Telephone:	4082636660
Facility Addr2:	Not reported
Mailing Name:	Not reported
Mailing Address:	466 E CALAVERAS BLVD # B
Mailing City,St,Zip:	MILPITAS, CA 950350000
Gen County:	Santa Clara
TSD EPA ID:	Not reported
TSD County:	Santa Clara
Waste Category:	Unspecified organic liquid mixture
Disposal Method:	Treatment, Tank
Tons:	0.01

WILLIAM MUSSONE DMD INC. (Continued) **S104578274**

Facility County: Not reported

Click this hyperlink while viewing on your computer to access
33 additional CA_HAZNET: record(s) in the EDR Site Report.

267
North
1/2-1
5073 ft.

Relative:
Lower

Actual:
13 ft.

CITY OF MILPITAS **HAZNET** **S103957110**
350 MARYLINN DRIVE **N/A**
MILPITAS, CA 95035

HAZNET:

Gepaid:	CAC001356224
Contact:	CITY OF MILPITAS
Telephone:	4089422465
Facility Addr2:	Not reported
Mailing Name:	Not reported
Mailing Address:	1265 N MILPITAS
Mailing City,St,Zip:	MILPITAS, CA 950350000
Gen County:	Santa Clara
TSD EPA ID:	CAD009466392
TSD County:	7
Waste Category:	Other empty containers 30 gallons or more
Disposal Method:	Recycler
Tons:	.2500
Facility County:	Santa Clara

BE268
NNE
1/2-1
5078 ft.

Site 1 of 2 in cluster BE

Relative:
Lower

Actual:
14 ft.

BOB WINSOR **HAZNET** **S103952930**
130 WINSOR ST **N/A**
MILPITAS, CA 95035

HAZNET:

Gepaid:	CAC000883864
Contact:	BOB WINSOR
Telephone:	0000000000
Facility Addr2:	Not reported
Mailing Name:	Not reported
Mailing Address:	P O BOX 6111057
Mailing City,St,Zip:	SAN JOSE, CA 951611057
Gen County:	Santa Clara
TSD EPA ID:	CAD009466392
TSD County:	7
Waste Category:	Other empty containers 30 gallons or more
Disposal Method:	Recycler
Tons:	.6500
Facility County:	Santa Clara

BE269
NNE
1/2-1
5078 ft.

Relative:
Lower

Actual:
14 ft.

MILPITAS TRANSMISSION
130 WINSOR
MILPITAS, CA 95035

Site 2 of 2 in cluster BE

HAZNET **S100940121**
N/A

HAZNET:

Gepaid:	CAL000030949
Contact:	SAVALA MICHAEL
Telephone:	0000000000
Facility Addr2:	Not reported
Mailing Name:	Not reported
Mailing Address:	130 WINSOR STREET
Mailing City,St,Zip:	MILPITAS, CA 950350000
Gen County:	Santa Clara
TSD EPA ID:	CAD083166728
TSD County:	Stanislaus
Waste Category:	Oil/water separation sludge
Disposal Method:	Recycler
Tons:	.1376
Facility County:	Santa Clara

BF270
SE
1/2-1
5095 ft.

Relative:
Higher

Actual:
35 ft.

PARK PERFORMANCE
1416 S MAIN
MILPITAS, CA 95035

Site 1 of 8 in cluster BF

HAZNET **S102811218**
N/A

HAZNET:

Gepaid:	CAL000029592
Contact:	PARK LARRY
Telephone:	0000000000
Facility Addr2:	Not reported
Mailing Name:	Not reported
Mailing Address:	1416 S MAIN
Mailing City,St,Zip:	MILPITAS, CA 950350000
Gen County:	Santa Clara
TSD EPA ID:	CAD028409019
TSD County:	Los Angeles
Waste Category:	Not reported
Disposal Method:	Transfer Station
Tons:	.3000
Facility County:	Santa Clara

Gepaid:	CAL000029592
Contact:	PARK LARRY
Telephone:	0000000000
Facility Addr2:	Not reported
Mailing Name:	Not reported
Mailing Address:	1416 S MAIN
Mailing City,St,Zip:	MILPITAS, CA 950350000
Gen County:	Santa Clara
TSD EPA ID:	CAD028409019
TSD County:	Los Angeles
Waste Category:	Waste oil and mixed oil
Disposal Method:	Treatment, Tank
Tons:	.4170
Facility County:	Santa Clara

Gepaid:	CAL000029592

PARK PERFORMANCE (Continued) **S102811218**

Contact:	PARK LARRY
Telephone:	0000000000
Facility Addr2:	Not reported
Mailing Name:	Not reported
Mailing Address:	1416 S MAIN
Mailing City,St,Zip:	MILPITAS, CA 950350000
Gen County:	Santa Clara
TSD EPA ID:	CAD028409019
TSD County:	Los Angeles
Waste Category:	Paint sludge
Disposal Method:	Transfer Station
Tons:	.9591
Facility County:	Santa Clara

Gepaid:	CAL000029592
Contact:	PARK LARRY
Telephone:	0000000000
Facility Addr2:	Not reported
Mailing Name:	Not reported
Mailing Address:	1416 S MAIN
Mailing City,St,Zip:	MILPITAS, CA 950350000
Gen County:	Santa Clara
TSD EPA ID:	CAD028409019
TSD County:	Los Angeles
Waste Category:	Other inorganic solid waste
Disposal Method:	Transfer Station
Tons:	.1500
Facility County:	Santa Clara

Gepaid:	CAL000029592
Contact:	PARK LARRY
Telephone:	0000000000
Facility Addr2:	Not reported
Mailing Name:	Not reported
Mailing Address:	1416 S MAIN
Mailing City,St,Zip:	MILPITAS, CA 950350000
Gen County:	Santa Clara
TSD EPA ID:	CAT080010101
TSD County:	San Diego
Waste Category:	Liquids with pH <UN-> 2
Disposal Method:	Treatment, Tank
Tons:	.0075
Facility County:	Santa Clara

Click this hyperlink while viewing on your computer to access additional CA_HAZNET: detail in the EDR Site Report.

BF271 **M2 COLLISION CARE CENTERS** **HAZNET** **1008152503**
SE **1416 S MAIN ST** **110018955291**
1/2-1 **MILPITAS, CA 95035**
5095 ft.

Site 2 of 8 in cluster BF

Relative: Higher

Actual: 35 ft.

HAZNET:

Gepaid:	CAR000003525
Contact:	INGRID KOOPMAN/EXEC. ASST.
Telephone:	3103993887
Facility Addr2:	Not reported

M2 COLLISION CARE CENTERS (Continued) **1008152503**

Mailing Name:	M2 COLLISION CARE CENTERS, INC.
Mailing Address:	1100 COLORADO AVE 2ND FLR
Mailing City,St,Zip:	SANTA MONICA, CA 904010000
Gen County:	Santa Clara
TSD EPA ID:	CAD009452657
TSD County:	Santa Clara
Waste Category:	Unspecified organic liquid mixture
Disposal Method:	Recycler
Tons:	0.52
Facility County:	Santa Clara

BF272 **M2 AUTOMOTIVE, INC** **EMI** **1006093675**
SE **1416 SO MAIN STREET** **N/A**
1/2-1 **MILPITAS, CA 95035**
5095 ft.

Site 3 of 8 in cluster BF

Relative:
Higher

Actual:
35 ft.

EMI:

Year:	1996
Carbon Monoxide Emissions Tons/Yr:	43
Air Basin:	SF
Facility ID:	10505
Air District Name:	BA
SIC Code:	7532
Air District Name:	BAY AREA AQMD
Community Health Air Pollution Info System:	Not reported
Consolidated Emission Reporting Rule:	Not reported
Total Organic Hydrocarbon Gases Tons/Yr:	1
Reactive Organic Gases Tons/Yr:	1
Carbon Monoxide Emissions Tons/Yr:	0
NOX - Oxides of Nitrogen Tons/Yr:	0
SOX - Oxides of Sulphur Tons/Yr:	0
Particulate Matter Tons/Yr:	0
Part. Matter 10 Micrometers & Smllr Tons/Yr:	0

Year:	1997
Carbon Monoxide Emissions Tons/Yr:	43
Air Basin:	SF
Facility ID:	10505
Air District Name:	BA
SIC Code:	7532
Air District Name:	BAY AREA AQMD
Community Health Air Pollution Info System:	Not reported
Consolidated Emission Reporting Rule:	Not reported
Total Organic Hydrocarbon Gases Tons/Yr:	1
Reactive Organic Gases Tons/Yr:	0
Carbon Monoxide Emissions Tons/Yr:	0
NOX - Oxides of Nitrogen Tons/Yr:	0
SOX - Oxides of Sulphur Tons/Yr:	0
Particulate Matter Tons/Yr:	0
Part. Matter 10 Micrometers & Smllr Tons/Yr:	0

Year:	1998
Carbon Monoxide Emissions Tons/Yr:	43
Air Basin:	SF
Facility ID:	10505
Air District Name:	BA
SIC Code:	7532

M2 AUTOMOTIVE, INC (Continued) **1006093675**

Air District Name:	BAY AREA AQMD
Community Health Air Pollution Info System:	Not reported
Consolidated Emission Reporting Rule:	Not reported
Total Organic Hydrocarbon Gases Tons/Yr:	1
Reactive Organic Gases Tons/Yr:	0
Carbon Monoxide Emissions Tons/Yr:	0
NOX - Oxides of Nitrogen Tons/Yr:	0
SOX - Oxides of Sulphur Tons/Yr:	0
Particulate Matter Tons/Yr:	0
Part. Matter 10 Micrometers & Smllr Tons/Yr:	0

Year:	1999
Carbon Monoxide Emissions Tons/Yr:	43
Air Basin:	SF
Facility ID:	10505
Air District Name:	BA
SIC Code:	7532
Air District Name:	BAY AREA AQMD
Community Health Air Pollution Info System:	Not reported
Consolidated Emission Reporting Rule:	Not reported
Total Organic Hydrocarbon Gases Tons/Yr:	1
Reactive Organic Gases Tons/Yr:	0
Carbon Monoxide Emissions Tons/Yr:	0
NOX - Oxides of Nitrogen Tons/Yr:	0
SOX - Oxides of Sulphur Tons/Yr:	0
Particulate Matter Tons/Yr:	0
Part. Matter 10 Micrometers & Smllr Tons/Yr:	0

Year:	2000
Carbon Monoxide Emissions Tons/Yr:	43
Air Basin:	SF
Facility ID:	10505
Air District Name:	BA
SIC Code:	7532
Air District Name:	BAY AREA AQMD
Community Health Air Pollution Info System:	Not reported
Consolidated Emission Reporting Rule:	Not reported
Total Organic Hydrocarbon Gases Tons/Yr:	1
Reactive Organic Gases Tons/Yr:	0
Carbon Monoxide Emissions Tons/Yr:	0
NOX - Oxides of Nitrogen Tons/Yr:	0
SOX - Oxides of Sulphur Tons/Yr:	0
Particulate Matter Tons/Yr:	0
Part. Matter 10 Micrometers & Smllr Tons/Yr:	0

Year:	2001
Carbon Monoxide Emissions Tons/Yr:	43
Air Basin:	SF
Facility ID:	10505
Air District Name:	BA
SIC Code:	7532
Air District Name:	BAY AREA AQMD
Community Health Air Pollution Info System:	Not reported
Consolidated Emission Reporting Rule:	Not reported
Total Organic Hydrocarbon Gases Tons/Yr:	1
Reactive Organic Gases Tons/Yr:	1
Carbon Monoxide Emissions Tons/Yr:	0

M2 AUTOMOTIVE, INC (Continued) **1006093675**

NOX - Oxides of Nitrogen Tons/Yr:	0
SOX - Oxides of Sulphur Tons/Yr:	0
Particulate Matter Tons/Yr:	0
Part. Matter 10 Micrometers & Smllr Tons/Yr:	0
Year:	2002
Carbon Monoxide Emissions Tons/Yr:	43
Air Basin:	SF
Facility ID:	10505
Air District Name:	BA
SIC Code:	7532
Air District Name:	BAY AREA AQMD
Community Health Air Pollution Info System:	Not reported
Consolidated Emission Reporting Rule:	Not reported
Total Organic Hydrocarbon Gases Tons/Yr:	1
Reactive Organic Gases Tons/Yr:	1
Carbon Monoxide Emissions Tons/Yr:	0
NOX - Oxides of Nitrogen Tons/Yr:	0
SOX - Oxides of Sulphur Tons/Yr:	0
Particulate Matter Tons/Yr:	0
Part. Matter 10 Micrometers & Smllr Tons/Yr:	0
Year:	2003
Carbon Monoxide Emissions Tons/Yr:	43
Air Basin:	SF
Facility ID:	10505
Air District Name:	BA
SIC Code:	7532
Air District Name:	BAY AREA AQMD
Community Health Air Pollution Info System:	Not reported
Consolidated Emission Reporting Rule:	Not reported
Total Organic Hydrocarbon Gases Tons/Yr:	1
Reactive Organic Gases Tons/Yr:	1
Carbon Monoxide Emissions Tons/Yr:	0
NOX - Oxides of Nitrogen Tons/Yr:	0
SOX - Oxides of Sulphur Tons/Yr:	0
Particulate Matter Tons/Yr:	0
Part. Matter 10 Micrometers & Smllr Tons/Yr:	0

BF273 **FCC CARSTAR AUTO BODY INC** **RCRA-SQG** **1001023001**
SE **1416 S MAIN ST** **CAR000003525**
1/2-1 **MILPITAS, CA 95035**
5095 ft.

Site 4 of 8 in cluster BF

Relative:
Higher

Actual:
35 ft.

FCC CARSTAR AUTO BODY INC (Continued) **1001023001**

RCRAInfo:
Owner: ADAM PIPER
(415) 965-1440
EPA ID: CAR000003525

Contact: TOM ANKER
(408) 263-9999

Classification: Small Quantity Generator
TSDF Activities: Not reported

Violation Status: No violations found

BF274 **M2 COLLISION CENTER** **HAZNET** **S103630269**
SE **1416 S MAIN ST** **N/A**
1/2-1 **MILPITAS, CA 95035**
5095 ft.

Site 5 of 8 in cluster BF

Relative:
Higher

Actual:
35 ft.

HAZNET:

Gepaid:	CAR000003525
Contact:	M2 AUTOMOTIVE
Telephone:	4082639999
Facility Addr2:	Not reported
Mailing Name:	Not reported
Mailing Address:	2760 MAIN ST #200
Mailing City,St,Zip:	SANTA ANA, CA 927055509
Gen County:	Santa Clara
TSD EPA ID:	CAD009452657
TSD County:	San Mateo
Waste Category:	Unspecified organic liquid mixture
Disposal Method:	Recycler
Tons:	.1251
Facility County:	Santa Clara

Gepaid:	CAR000003525
Contact:	M2 AUTOMOTIVE
Telephone:	4082639999
Facility Addr2:	Not reported
Mailing Name:	Not reported
Mailing Address:	2760 MAIN ST #200
Mailing City,St,Zip:	SANTA ANA, CA 927055509
Gen County:	Santa Clara
TSD EPA ID:	CAD009452657
TSD County:	San Mateo
Waste Category:	Unspecified solvent mixture Waste
Disposal Method:	Recycler
Tons:	1.2672
Facility County:	Santa Clara

Gepaid:	CAR000003525
Contact:	M2 AUTOMOTIVE
Telephone:	4082639999
Facility Addr2:	Not reported
Mailing Name:	Not reported
Mailing Address:	2760 MAIN ST #200
Mailing City,St,Zip:	SANTA ANA, CA 927055509
Gen County:	Santa Clara
TSD EPA ID:	CA0000084517

M2 COLLISION CENTER (Continued) **S103630269**

TSD County:	Sacramento
Waste Category:	Oxygenated solvents (acetone, butanol, ethyl acetate, etc.)
Disposal Method:	Transfer Station
Tons:	.3880
Facility County:	Santa Clara
Gepaid:	CAR000003525
Contact:	M2 AUTOMOTIVE
Telephone:	4082639999
Facility Addr2:	Not reported
Mailing Name:	Not reported
Mailing Address:	2760 MAIN ST #200
Mailing City,St,Zip:	SANTA ANA, CA 927055509
Gen County:	Santa Clara
TSD EPA ID:	CAD009452657
TSD County:	San Mateo
Waste Category:	Not reported
Disposal Method:	Recycler
Tons:	0
Facility County:	Santa Clara
Gepaid:	CAR000003525
Contact:	M2 AUTOMOTIVE
Telephone:	4082639999
Facility Addr2:	Not reported
Mailing Name:	Not reported
Mailing Address:	2760 MAIN ST #200
Mailing City,St,Zip:	SANTA ANA, CA 927055509
Gen County:	Santa Clara
TSD EPA ID:	CAD009452657
TSD County:	San Mateo
Waste Category:	Unspecified solvent mixture Waste
Disposal Method:	Recycler
Tons:	1.6928
Facility County:	Santa Clara

Click this hyperlink while viewing on your computer to access
16 additional CA_HAZNET: record(s) in the EDR Site Report.

275
NNE
1/2-1
5107 ft.

130 WINDSOR ST.
MILPITAS, CA 95035

CHMIRS **S100280637**
N/A

Relative:
Lower

Actual:
14 ft.

CHMIRS:

OES Incident Number:	9990592
OES notification:	Not reported
OES Date:	Not reported
OES Time:	Not reported
Incident Date:	17-JUN-88
Date Completed:	**17-JUN-88**
Property Use:	936
Agency Id Number:	43030
Agency Incident Number:	12539
Time Notified:	948
Time Completed:	1019
Surrounding Area:	962
Estimated Temperature:	76

(Continued) **S100280637**

Property Management:	U
Special Studies 1:	Not reported
Special Studies 2:	Not reported
Special Studies 3:	Not reported
Special Studies 4:	Not reported
Special Studies 5:	Not reported
Special Studies 6:	Not reported
More Than Two Substances Involved?:	N
Resp Agncy Personel # Of Decontaminated:	Not reported
Responding Agency Personel # Of Injuries:	Not reported
Responding Agency Personel # Of Fatalities:	Not reported
Others Number Of Decontaminated:	Not reported
Others Number Of Injuries:	Not reported
Others Number Of Fatalities:	Not reported
Vehicle Make/year:	DODGE DART / 1969
Vehicle License Number:	973 B2D
Vehicle State:	NV
Vehicle Id Number:	LL23B9B393414
CA/DOT/PUC/ICC Number:	Not reported
Company Name:	Not reported
Reporting Officer Name/ID:	MITCH KIMBEL / C13
Report Date:	17-JUN-88
Comments:	N
Facility Telephone:	408 942-2388
Waterway Involved:	Not reported
Waterway:	Not reported
Spill Site:	Not reported
Cleanup By:	Not reported
Containment:	Not reported
What Happened:	Not reported
Type:	Not reported
Measure:	Not reported
Other:	Not reported
Date/Time:	Not reported
Year:	88-92
Agency:	Not reported
Incident Date:	Not reported
Admin Agency:	Not reported
Amount:	Not reported
Contained:	Not reported
Site Type:	Not reported
E Date:	16-MAR-89
Substance:	Not reported
Quantity Released:	Not reported
BBLS:	Not reported
Cups:	Not reported
CUFT:	Not reported
Gallons:	Not reported
Grams:	Not reported
Pounds:	Not reported
Liters:	Not reported
Ounces:	Not reported
Pints:	Not reported
Quarts:	Not reported
Sheen:	Not reported
Tons:	Not reported
Unknown:	Not reported

(Continued) **S100280637**

Description:	Not reported
Evacuations:	Not reported
Number of Injuries:	Not reported
Number of Fatalities:	Not reported

BG276 **AVANTEK** **EMI** **S106826486**
SSE **481 COTTONWOOD DRIVE** **N/A**
1/2-1 **MILPITAS, CA 95035**
5111 ft.

Site 1 of 2 in cluster BG

Relative: Higher

Actual: 34 ft.

EMI:

Year:	1987
Carbon Monoxide Emissions Tons/Yr:	43
Air Basin:	SF
Facility ID:	2388
Air District Name:	BA
SIC Code:	3679
Air District Name:	BAY AREA AQMD
Community Health Air Pollution Info System:	Not reported
Consolidated Emission Reporting Rule:	Not reported
Total Organic Hydrocarbon Gases Tons/Yr:	7
Reactive Organic Gases Tons/Yr:	3
Carbon Monoxide Emissions Tons/Yr:	0
NOX - Oxides of Nitrogen Tons/Yr:	0
SOX - Oxides of Sulphur Tons/Yr:	0
Particulate Matter Tons/Yr:	0
Part. Matter 10 Micrometers & Smllr Tons/Yr:	0

Year:	1990
Carbon Monoxide Emissions Tons/Yr:	43
Air Basin:	SF
Facility ID:	2388
Air District Name:	BA
SIC Code:	3671
Air District Name:	BAY AREA AQMD
Community Health Air Pollution Info System:	Not reported
Consolidated Emission Reporting Rule:	Not reported
Total Organic Hydrocarbon Gases Tons/Yr:	2
Reactive Organic Gases Tons/Yr:	1
Carbon Monoxide Emissions Tons/Yr:	0
NOX - Oxides of Nitrogen Tons/Yr:	0
SOX - Oxides of Sulphur Tons/Yr:	0
Particulate Matter Tons/Yr:	0
Part. Matter 10 Micrometers & Smllr Tons/Yr:	0

BG277 **AVANTEK INC** **HAZNET** **1000322140**
SSE **481 COTTONWOOD DR** **N/A**
1/2-1 **MILPITAS, CA 95035**
5111 ft.

Site 2 of 2 in cluster BG

Relative: Higher

Actual: 34 ft.

HAZNET:

Gepaid:	CAD042800847
Contact:	Not reported
Telephone:	0000000000

AVANTEK INC (Continued) **1000322140**

Facility Addr2:	Not reported
Mailing Name:	Not reported
Mailing Address:	481 COTTONWOOD DR
Mailing City,St,Zip:	MILPITAS, CA 950350000
Gen County:	Santa Clara
TSD EPA ID:	CAD059494310
TSD County:	Santa Clara
Waste Category:	Other inorganic solid waste
Disposal Method:	Not reported
Tons:	.2000
Facility County:	Santa Clara

Gepaid:	CAD042800847
Contact:	Not reported
Telephone:	0000000000
Facility Addr2:	Not reported
Mailing Name:	Not reported
Mailing Address:	481 COTTONWOOD DR
Mailing City,St,Zip:	MILPITAS, CA 950350000
Gen County:	Santa Clara
TSD EPA ID:	CAD059494310
TSD County:	Santa Clara
Waste Category:	Other inorganic solid waste
Disposal Method:	Disposal, Other
Tons:	.2000
Facility County:	Santa Clara

Gepaid:	CAD042800847
Contact:	Not reported
Telephone:	0000000000
Facility Addr2:	Not reported
Mailing Name:	Not reported
Mailing Address:	481 COTTONWOOD DR
Mailing City,St,Zip:	MILPITAS, CA 950350000
Gen County:	Santa Clara
TSD EPA ID:	CAD059494310
TSD County:	Santa Clara
Waste Category:	Liquids with pH <UN-> 2
Disposal Method:	Not reported
Tons:	.0100
Facility County:	Santa Clara

Gepaid:	CAD042800847
Contact:	Not reported
Telephone:	0000000000
Facility Addr2:	Not reported
Mailing Name:	Not reported
Mailing Address:	481 COTTONWOOD DR
Mailing City,St,Zip:	MILPITAS, CA 950350000
Gen County:	Santa Clara
TSD EPA ID:	CAD059494310
TSD County:	Santa Clara
Waste Category:	Unspecified aqueous solution
Disposal Method:	Not reported
Tons:	.6000
Facility County:	Santa Clara

AVANTEK INC (Continued) **1000322140**

Gepaid:	CAD042800847
Contact:	Not reported
Telephone:	0000000000
Facility Addr2:	Not reported
Mailing Name:	Not reported
Mailing Address:	481 COTTONWOOD DR
Mailing City,St,Zip:	MILPITAS, CA 950350000
Gen County:	Santa Clara
TSD EPA ID:	CAD059494310
TSD County:	Santa Clara
Waste Category:	Unspecified aqueous solution
Disposal Method:	Disposal, Other
Tons:	.6000
Facility County:	Santa Clara

Click this hyperlink while viewing on your computer to access
1 additional CA_HAZNET: record(s) in the EDR Site Report.

278
ESE
1/2-1
5112 ft.

HOME DEPOT USA INC HD 1041 **RCRA-SQG** **1009216551**
1177 GREAT MALL DR **CAR000169391**
MILPITAS, CA 95035

Relative:
Higher

Actual:
36 ft.

RCRAInfo:

Owner:	HOME DEPOT USA
EPA ID:	CAR000169391
Contact:	ROBERT PERKINS 760-602-8700
Classification:	Small Quantity Generator
TSDF Activities:	Not reported

Violation Status: No violations found

BF279
SE
1/2-1
5163 ft.

GLENN'S MACHINE SHOP **HAZNET** **S103966191**
1438 SOUTH MAIN STREET **N/A**
MILPITAS, CA 95035

Site 6 of 8 in cluster BF

Relative:
Higher

Actual:
35 ft.

HAZNET:

Gepaid:	CAL000156915
Contact:	GLENN NELSON
Telephone:	0000000000
Facility Addr2:	Not reported
Mailing Name:	Not reported
Mailing Address:	1438 S MAIN ST
Mailing City,St,Zip:	MILPITAS, CA 950350000
Gen County:	Santa Clara
TSD EPA ID:	CAD000088252
TSD County:	Los Angeles
Waste Category:	Unspecified oil-containing waste
Disposal Method:	Transfer Station
Tons:	.3544
Facility County:	Santa Clara
Gepaid:	CAL000156915

GLENN'S MACHINE SHOP (Continued) **S103966191**

Contact:	GLENN NELSON
Telephone:	0000000000
Facility Addr2:	Not reported
Mailing Name:	Not reported
Mailing Address:	1438 S MAIN ST
Mailing City,St,Zip:	MILPITAS, CA 950350000
Gen County:	Santa Clara
TSD EPA ID:	CAT080011059
TSD County:	Los Angeles
Waste Category:	Unspecified oil-containing waste
Disposal Method:	Recycler
Tons:	.3336
Facility County:	Santa Clara

Gepaid:	CAL000156915
Contact:	GLENN NELSON
Telephone:	0000000000
Facility Addr2:	Not reported
Mailing Name:	Not reported
Mailing Address:	1438 S MAIN ST
Mailing City,St,Zip:	MILPITAS, CA 950350000
Gen County:	Santa Clara
TSD EPA ID:	CAD000088252
TSD County:	Los Angeles
Waste Category:	Unspecified oil-containing waste
Disposal Method:	Transfer Station
Tons:	.3544
Facility County:	Santa Clara

BF280 **WEST COAST ENGINES** **RCRA-SQG** **1000391679**
SE **1438 S MAIN ST** **CAD981462427**
1/2-1 **MILPITAS, CA 95035**
5163 ft.

Site 7 of 8 in cluster BF

Relative: Higher

Actual: 35 ft.

RCRAInfo:

Owner:	JOHN BRAZILLO
	(415) 555-1212
EPA ID:	CAD981462427
Contact:	ENVIRONMENTAL MANAGER
	(408) 263-8680
Classification:	Small Quantity Generator
TSDF Activities:	Not reported

Violation Status: No violations found

BF281 **MARIO'S AUTO CARE CENTER** **HAZNET** **S106091004**
SE **1438 S MAIN ST** **N/A**
1/2-1 **MILPITAS, CA 95035**
5163 ft.

Site 8 of 8 in cluster BF

Relative:
Higher

Actual:
35 ft.

HAZNET:

Gepaid:	CAL000105126
Contact:	MARIO BARRERA/OWNER
Telephone:	4082638531
Facility Addr2:	Not reported
Mailing Name:	Not reported
Mailing Address:	1438 S MAIN ST
Mailing City,St,Zip:	MILPITAS, CA 950350000
Gen County:	Santa Clara
TSD EPA ID:	Not reported
TSD County:	Sacramento
Waste Category:	Oxygenated solvents (acetone, butanol, ethyl acetate, etc.)
Disposal Method:	Transfer Station
Tons:	0.07
Facility County:	Not reported

BH282 **GENRAD** **HAZNET** **1000352780**
South **510 COTTONWOOD DR** **N/A**
1/2-1 **MILPITAS, CA 95035**
5167 ft.

Site 1 of 4 in cluster BH

Relative:
Higher

Actual:
34 ft.

HAZNET:

Gepaid:	CAD981449697
Contact:	GENRAD CORP
Telephone:	5083694400
Facility Addr2:	Not reported
Mailing Name:	Not reported
Mailing Address:	2855 BOWERS AVE
Mailing City,St,Zip:	SANTA CLARA, CA 950510917
Gen County:	Santa Clara
TSD EPA ID:	CAD009452657
TSD County:	San Mateo
Waste Category:	Liquids with halogenated organic compounds > 1000 mg/l
Disposal Method:	Disposal, Other
Tons:	.0208
Facility County:	Santa Clara

BH283 **MAXTOR** **HAZNET** **S104581908**
South **510 COTTONWOOD DR** **N/A**
1/2-1 **MILPITAS, CA 95035**
5167 ft.

Site 2 of 4 in cluster BH

Relative:
Higher

Actual:
34 ft.

HAZNET:

Gepaid:	CAL000194037
Contact:	MAXTOR CORPORATION
Telephone:	5083694400
Facility Addr2:	Not reported
Mailing Name:	Not reported
Mailing Address:	510 COTTONWOOD DR
Mailing City,St,Zip:	MILPITAS, CA 950350000

MAXTOR (Continued) **S104581908**

Gen County: Santa Clara
TSD EPA ID: CAD044429835
TSD County: Los Angeles
Waste Category: Other organic solids
Disposal Method: Disposal, Other
Tons: .0375
Facility County: Santa Clara

Gepaid: CAL000194037
Contact: MAXTOR CORPORATION
Telephone: 5083694400
Facility Addr2: Not reported
Mailing Name: Not reported
Mailing Address: 510 COTTONWOOD DR
Mailing City,St,Zip: MILPITAS, CA 950350000
Gen County: Santa Clara
TSD EPA ID: CAD044429835
TSD County: Los Angeles
Waste Category: Halogenated solvents (chloroform, methyl chloride, perchloroethylene, etc.)
Disposal Method: Disposal, Other
Tons: .0583
Facility County: Santa Clara

Gepaid: CAL000194037
Contact: TERRI HUGHES EHS MANAGER
Telephone: 4088945602
Facility Addr2: Not reported
Mailing Name: Not reported
Mailing Address: 500 MCCARTHY BLVD
Mailing City,St,Zip: MILPITAS, CA 950350000
Gen County: Santa Clara
TSD EPA ID: Not reported
TSD County: Los Angeles
Waste Category: Laboratory waste chemicals
Disposal Method: Transfer Station
Tons: 0.10
Facility County: Not reported

Gepaid: CAL000194037
Contact: TERRI HUGHES EHS MANAGER
Telephone: 4088945602
Facility Addr2: Not reported
Mailing Name: Not reported
Mailing Address: 500 MCCARTHY BLVD
Mailing City,St,Zip: MILPITAS, CA 950350000
Gen County: Santa Clara
TSD EPA ID: Not reported
TSD County: Sacramento
Waste Category: Off-specification, aged, or surplus organics
Disposal Method: Disposal, Other
Tons: 0.01
Facility County: Not reported

Gepaid: CAL000194037
Contact: TERRI HUGHES EHS MANAGER
Telephone: 4088945602
Facility Addr2: Not reported

MAXTOR (Continued) **S104581908**

Mailing Name:	Not reported
Mailing Address:	500 MCCARTHY BLVD
Mailing City,St,Zip:	MILPITAS, CA 950350000
Gen County:	Santa Clara
TSD EPA ID:	Not reported
TSD County:	99
Waste Category:	Off-specification, aged, or surplus inorganics
Disposal Method:	Not reported
Tons:	0
Facility County:	Not reported

Click this hyperlink while viewing on your computer to access
2 additional CA_HAZNET: record(s) in the EDR Site Report.

BH284 **MEDAREX** **EMI** **S106835422**
South **521 COTTONWOOD DRIVE** **N/A**
1/2-1 **MILPITAS, CA 0**
5199 ft.

Site 3 of 4 in cluster BH

Relative:
Higher

Actual:
34 ft.

EMI:

Year:	2002
Carbon Monoxide Emissions Tons/Yr:	43
Air Basin:	SF
Facility ID:	14019
Air District Name:	BA
SIC Code:	8731
Air District Name:	BAY AREA AQMD
Community Health Air Pollution Info System:	Not reported
Consolidated Emission Reporting Rule:	Not reported
Total Organic Hydrocarbon Gases Tons/Yr:	0
Reactive Organic Gases Tons/Yr:	0
Carbon Monoxide Emissions Tons/Yr:	0
NOX - Oxides of Nitrogen Tons/Yr:	0
SOX - Oxides of Sulphur Tons/Yr:	0
Particulate Matter Tons/Yr:	0
Part. Matter 10 Micrometers & Smllr Tons/Yr:	0

Year:	2003
Carbon Monoxide Emissions Tons/Yr:	43
Air Basin:	SF
Facility ID:	14019
Air District Name:	BA
SIC Code:	8731
Air District Name:	BAY AREA AQMD
Community Health Air Pollution Info System:	Not reported
Consolidated Emission Reporting Rule:	Not reported
Total Organic Hydrocarbon Gases Tons/Yr:	0
Reactive Organic Gases Tons/Yr:	0
Carbon Monoxide Emissions Tons/Yr:	0
NOX - Oxides of Nitrogen Tons/Yr:	0
SOX - Oxides of Sulphur Tons/Yr:	0
Particulate Matter Tons/Yr:	0
Part. Matter 10 Micrometers & Smllr Tons/Yr:	0

Year:	2004
Carbon Monoxide Emissions Tons/Yr:	43
Air Basin:	SF

MEDAREX (Continued) **S106835422**

Facility ID:	14019
Air District Name:	BA
SIC Code:	8731
Air District Name:	BAY AREA AQMD
Community Health Air Pollution Info System:	Not reported
Consolidated Emission Reporting Rule:	Not reported
Total Organic Hydrocarbon Gases Tons/Yr:	0.004
Reactive Organic Gases Tons/Yr:	0.0033468
Carbon Monoxide Emissions Tons/Yr:	0
NOX - Oxides of Nitrogen Tons/Yr:	0.022
SOX - Oxides of Sulphur Tons/Yr:	0.001
Particulate Matter Tons/Yr:	0.001
Part. Matter 10 Micrometers & Smllr Tons/Yr:	0.000976

BH285 **MEDAREX INC** **HAZNET** **S105091659**
South **521 COTTONWOOD DR** **N/A**
1/2-1 **MILPITAS, CA 95035**
5199 ft.

Site 4 of 4 in cluster BH

Relative:
Higher

Actual:
34 ft.

HAZNET:

Gepaid:	CAL000191616
Contact:	CHARLES PENNER
Telephone:	4085452700
Facility Addr2:	Not reported
Mailing Name:	Not reported
Mailing Address:	521 COTTONWOOD DRIVE
Mailing City,St,Zip:	MILPITAS, CA 950350000
Gen County:	Santa Clara
TSD EPA ID:	Not reported
TSD County:	99
Waste Category:	Alkaline solution without metals (pH > 12.5)
Disposal Method:	Not reported
Tons:	0.06
Facility County:	Not reported

Gepaid:	CAL000191616
Contact:	CHARLES PENNER
Telephone:	4085452700
Facility Addr2:	Not reported
Mailing Name:	Not reported
Mailing Address:	521 COTTONWOOD DRIVE
Mailing City,St,Zip:	MILPITAS, CA 950350000
Gen County:	Santa Clara
TSD EPA ID:	Not reported
TSD County:	99
Waste Category:	Alkaline solution without metals (pH > 12.5)
Disposal Method:	Treatment, Tank
Tons:	0.06
Facility County:	Not reported

Gepaid:	CAL000191616
Contact:	CHARLES PENNER
Telephone:	4085452700
Facility Addr2:	Not reported
Mailing Name:	Not reported
Mailing Address:	521 COTTONWOOD DRIVE
Mailing City,St,Zip:	MILPITAS, CA 950350000

MEDAREX INC (Continued) **S105091659**

Gen County:	Santa Clara
TSD EPA ID:	Not reported
TSD County:	99
Waste Category:	Aqueous solution with 10% or more total organic residues
Disposal Method:	Treatment, Incineration
Tons:	0.02
Facility County:	Not reported

Gepaid:	CAL000191616
Contact:	CHARLES PENNER
Telephone:	4085452700
Facility Addr2:	Not reported
Mailing Name:	Not reported
Mailing Address:	521 COTTONWOOD DRIVE
Mailing City,St,Zip:	MILPITAS, CA 950350000
Gen County:	Santa Clara
TSD EPA ID:	Not reported
TSD County:	99
Waste Category:	Aqueous solution with less than 10% total organic residues
Disposal Method:	Not reported
Tons:	0.14
Facility County:	Not reported

Gepaid:	CAL000191616
Contact:	CHARLES PENNER
Telephone:	4085452700
Facility Addr2:	Not reported
Mailing Name:	Not reported
Mailing Address:	521 COTTONWOOD DRIVE
Mailing City,St,Zip:	MILPITAS, CA 950350000
Gen County:	Santa Clara
TSD EPA ID:	Not reported
TSD County:	99
Waste Category:	Aqueous solution with less than 10% total organic residues
Disposal Method:	Treatment, Incineration
Tons:	0.46
Facility County:	Not reported

Click this hyperlink while viewing on your computer to access
26 additional CA_HAZNET: record(s) in the EDR Site Report.

286
SE
1/2-1
5211 ft.

PRO-STAR AUTO SERVICE INC **HAZNET** **S103982752**
1452 SOUTH MAIN ST **N/A**
MILPITAS, CA 95035

Relative:
Higher

Actual:
35 ft.

HAZNET:

Gepaid:	CAL000091238
Contact:	TED DIXON
Telephone:	4087395680
Facility Addr2:	Not reported
Mailing Name:	Not reported
Mailing Address:	1538 GLADDING CT
Mailing City,St,Zip:	MILPITAS, CA 950356814
Gen County:	Santa Clara
TSD EPA ID:	CAL000161743
TSD County:	Santa Clara
Waste Category:	Waste oil and mixed oil

PRO-STAR AUTO SERVICE INC (Continued) **S103982752**

Disposal Method: Transfer Station
Tons: .4586
Facility County: Santa Clara

Gepaid: CAL000091238
Contact: TED DIXON
Telephone: 4087395680
Facility Addr2: Not reported
Mailing Name: Not reported
Mailing Address: 1538 GLADDING CT
Mailing City,St,Zip: MILPITAS, CA 950356814
Gen County: Santa Clara
TSD EPA ID: CAL000161743
TSD County: Santa Clara
Waste Category: Unspecified oil-containing waste
Disposal Method: Transfer Station
Tons: .2293
Facility County: Santa Clara

Gepaid: CAL000091238
Contact: TED DIXON
Telephone: 4089420303
Facility Addr2: Not reported
Mailing Name: Not reported
Mailing Address: 1538 GLADDING CT
Mailing City,St,Zip: MILPITAS, CA 950356814
Gen County: Santa Clara
TSD EPA ID: Not reported
TSD County: Alameda
Waste Category: Not reported
Disposal Method: Transfer Station
Tons: 0.05
Facility County: Not reported

Gepaid: CAL000091238
Contact: TED DIXON
Telephone: 4089420303
Facility Addr2: Not reported
Mailing Name: Not reported
Mailing Address: 1538 GLADDING CT
Mailing City,St,Zip: MILPITAS, CA 950356814
Gen County: Santa Clara
TSD EPA ID: Not reported
TSD County: Alameda
Waste Category: Hydrocarbon solvents (benzene, hexane, Stoddard, etc.)
Disposal Method: Transfer Station
Tons: 0.04
Facility County: Not reported

Gepaid: CAL000091238
Contact: TED DIXON
Telephone: 4087395680
Facility Addr2: Not reported
Mailing Name: Not reported
Mailing Address: 1538 GLADDING CT
Mailing City,St,Zip: MILPITAS, CA 950356814
Gen County: Santa Clara

PRO-STAR AUTO SERVICE INC (Continued) **S103982752**

TSD EPA ID:	CAL000161743
TSD County:	Santa Clara
Waste Category:	Waste oil and mixed oil
Disposal Method:	Transfer Station
Tons:	0.2293
Facility County:	Santa Clara

Click this hyperlink while viewing on your computer to access
1 additional CA_HAZNET: record(s) in the EDR Site Report.

BI287 **GREYSTONE HOMES, INC** **HAZNET** **S103966765**
NNE **75 EAST WELLER LANE** **N/A**
1/2-1 **MILPITAS, CA 95035**
5212 ft.

Site 1 of 7 in cluster BI

Relative: Lower

Actual: 14 ft.

HAZNET:

Gepaid:	CAC001202968
Contact:	GREYSTONE HOMES, INC
Telephone:	0000000000
Facility Addr2:	Not reported
Mailing Name:	Not reported
Mailing Address:	920 HILLVIEW CT STE 280
Mailing City,St,Zip:	MILPITAS, CA 950350000
Gen County:	Santa Clara
TSD EPA ID:	AZD983473539
TSD County:	99
Waste Category:	Polychlorinated biphenyls and material containing PCB's
Disposal Method:	Recycler
Tons:	2.3153
Facility County:	Santa Clara

BI288 **KMART #4419** **HAZNET** **S103671246**
NNE **75 E WELLER LANE** **N/A**
1/2-1 **MILPITAS, CA 95035**
5212 ft.

Site 2 of 7 in cluster BI

Relative: Lower

Actual: 14 ft.

HAZNET:

Gepaid:	CAL000018586
Contact:	KMART CORPORATION
Telephone:	4082634000
Facility Addr2:	Not reported
Mailing Name:	Not reported
Mailing Address:	75 WELLER LN STE E
Mailing City,St,Zip:	MILPITAS, CA 950354319
Gen County:	Santa Clara
TSD EPA ID:	CAT000613893
TSD County:	Los Angeles
Waste Category:	Unspecified organic liquid mixture
Disposal Method:	Transfer Station
Tons:	.1245
Facility County:	Santa Clara

Gepaid:	CAL000018586
Contact:	KMART CORPORATION

KMART #4419 (Continued) **S103671246**

Telephone:	4082634000
Facility Addr2:	Not reported
Mailing Name:	Not reported
Mailing Address:	75 WELLER LN STE E
Mailing City,St,Zip:	MILPITAS, CA 950354319
Gen County:	Santa Clara
TSD EPA ID:	CAT000613893
TSD County:	Los Angeles
Waste Category:	Organic liquids (nonsolvents) with halogens
Disposal Method:	Transfer Station
Tons:	.6225
Facility County:	Santa Clara

BI289 **CHMIRS** **S100277504**
NNE **160 NORTH MAIN STREET** **N/A**
1/2-1 **MILPITAS, CA 95035**
5213 ft.

Site 3 of 7 in cluster BI

Relative:
Lower

Actual:
14 ft.

CHMIRS:

OES Incident Number:	9116519
OES notification:	Not reported
OES Date:	Not reported
OES Time:	Not reported
Incident Date:	21-APR-91
Date Completed:	**21-APR-91**
Property Use:	962
Agency Id Number:	43030
Agency Incident Number:	91-8378F
Time Notified:	816
Time Completed:	827
Surrounding Area:	500
Estimated Temperature:	60
Property Management:	C
Special Studies 1:	Not reported
Special Studies 2:	Not reported
Special Studies 3:	Not reported
Special Studies 4:	Not reported
Special Studies 5:	Not reported
Special Studies 6:	Not reported
More Than Two Substances Involved?:	N
Resp Agncy Personel # Of Decontaminated:	0
Responding Agency Personel # Of Injuries:	0
Responding Agency Personel # Of Fatalities:	0
Others Number Of Decontaminated:	0
Others Number Of Injuries:	0
Others Number Of Fatalities:	0
Vehicle Make/year:	Not reported
Vehicle License Number:	Not reported
Vehicle State:	Not reported
Vehicle Id Number:	Not reported
CA/DOT/PUC/ICC Number:	Not reported
Company Name:	Not reported
Reporting Officer Name/ID:	CAPT. D. SMITH C-6
Report Date:	21-APR-91
Comments:	N
Facility Telephone:	408 942-2388
Waterway Involved:	Not reported

(Continued) **S100277504**

Waterway:	Not reported
Spill Site:	Not reported
Cleanup By:	Not reported
Containment:	Not reported
What Happened:	Not reported
Type:	Not reported
Measure:	Not reported
Other:	Not reported
Date/Time:	Not reported
Year:	88-92
Agency:	Not reported
Incident Date:	Not reported
Admin Agency:	Not reported
Amount:	Not reported
Contained:	Not reported
Site Type:	Not reported
E Date:	29-JUN-92
Substance:	Not reported
Quantity Released:	Not reported
BBLS:	Not reported
Cups:	Not reported
CUFT:	Not reported
Gallons:	Not reported
Grams:	Not reported
Pounds:	Not reported
Liters:	Not reported
Ounces:	Not reported
Pints:	Not reported
Quarts:	Not reported
Sheen:	Not reported
Tons:	Not reported
Unknown:	Not reported
Description:	Not reported
Evacuations:	Not reported
Number of Injuries:	Not reported
Number of Fatalities:	Not reported

BI290 **CHMIRS** **S100275744**
NNE **160 N. MAIN STREET** **N/A**
1/2-1 **MILPITAS, CA 95035**
5213 ft.

Site 4 of 7 in cluster BI

Relative:
Lower

Actual:
14 ft.

CHMIRS:

OES Incident Number:	9010733
OES notification:	Not reported
OES Date:	Not reported
OES Time:	Not reported
Incident Date:	09-MAY-90
Date Completed:	**09-MAY-90**
Property Use:	100
Agency Id Number:	43030
Agency Incident Number:	UNKNOWN
Time Notified:	1347
Time Completed:	1834
Surrounding Area:	500
Estimated Temperature:	75
Property Management:	C

(Continued) **S100275744**

Special Studies 1:	Not reported
Special Studies 2:	Not reported
Special Studies 3:	Not reported
Special Studies 4:	Not reported
Special Studies 5:	Not reported
Special Studies 6:	Not reported
More Than Two Substances Involved?:	N
Resp Agncy Personel # Of Decontaminated:	0
Responding Agency Personel # Of Injuries:	0
Responding Agency Personel # Of Fatalities:	0
Others Number Of Decontaminated:	0
Others Number Of Injuries:	0
Others Number Of Fatalities:	0
Vehicle Make/year:	Not reported
Vehicle License Number:	Not reported
Vehicle State:	Not reported
Vehicle Id Number:	Not reported
CA/DOT/PUC/ICC Number:	Not reported
Company Name:	Not reported
Reporting Officer Name/ID:	RICHARD JENKINS C15
Report Date:	09-MAY-90
Comments:	N
Facility Telephone:	408 942-2388
Waterway Involved:	Not reported
Waterway:	Not reported
Spill Site:	Not reported
Cleanup By:	Not reported
Containment:	Not reported
What Happened:	Not reported
Type:	Not reported
Measure:	Not reported
Other:	Not reported
Date/Time:	Not reported
Year:	88-92
Agency:	Not reported
Incident Date:	Not reported
Admin Agency:	Not reported
Amount:	Not reported
Contained:	Not reported
Site Type:	Not reported
E Date:	14-MAY-91
Substance:	Not reported
Quantity Released:	Not reported
BBLS:	Not reported
Cups:	Not reported
CUFT:	Not reported
Gallons:	Not reported
Grams:	Not reported
Pounds:	Not reported
Liters:	Not reported
Ounces:	Not reported
Pints:	Not reported
Quarts:	Not reported
Sheen:	Not reported
Tons:	Not reported
Unknown:	Not reported
Description:	Not reported

(Continued) **S100275744**

Evacuations: Not reported
Number of Injuries: Not reported
Number of Fatalities: Not reported

BI291 **160 N. MAIN ST.** **ERNS** **91216965**
NNE **160 N. MAIN ST.** **N/A**
1/2-1 **MILPITAS, CA 95035**
5213 ft.

Site 5 of 7 in cluster BI

Relative:
Lower

Actual:
14 ft.

Click this hyperlink while viewing on your computer to access additional ERNS detail in the EDR Site Report.

BI292 **MILPITAS SENIOR CENTER** **HAZNET** **S103880597**
NNE **160 N MAIN STREET** **N/A**
1/2-1 **MILPITAS, CA 95035**
5213 ft.

Site 6 of 7 in cluster BI

Relative:
Lower

Actual:
14 ft.

HAZNET:

Gepaid:	CAH111000004
Contact:	CITY OF MILPITAS
Telephone:	0000000000
Facility Addr2:	Not reported
Mailing Name:	Not reported
Mailing Address:	777 S MAIN STREET
Mailing City,St,Zip:	MILPITAS, CA 950350000
Gen County:	Santa Clara
TSD EPA ID:	CAD008252405
TSD County:	Los Angeles
Waste Category:	Household waste
Disposal Method:	Recycler
Tons:	0.688
Facility County:	Santa Clara

Gepaid:	CAH111000004
Contact:	CITY OF MILPITAS
Telephone:	0000000000
Facility Addr2:	Not reported
Mailing Name:	Not reported
Mailing Address:	777 S MAIN STREET
Mailing City,St,Zip:	MILPITAS, CA 950350000
Gen County:	Santa Clara
TSD EPA ID:	CAD044429835
TSD County:	Los Angeles
Waste Category:	Household waste
Disposal Method:	Not reported
Tons:	0.4
Facility County:	Santa Clara

Gepaid:	CAH111000004
Contact:	CITY OF MILPITAS
Telephone:	0000000000
Facility Addr2:	Not reported
Mailing Name:	Not reported
Mailing Address:	777 S MAIN STREET
Mailing City,St,Zip:	MILPITAS, CA 950350000

MILPITAS SENIOR CENTER (Continued) **S103880597**

Gen County: Santa Clara
TSD EPA ID: CAT000646117
TSD County: Kings
Waste Category: Household waste
Disposal Method: Disposal, Land Fill
Tons: .4750
Facility County: Santa Clara

Gepaid: CAH111000004
Contact: CITY OF MILPITAS
Telephone: 0000000000
Facility Addr2: Not reported
Mailing Name: Not reported
Mailing Address: 777 S MAIN STREET
Mailing City,St,Zip: MILPITAS, CA 950350000
Gen County: Santa Clara
TSD EPA ID: CAD008252405
TSD County: Los Angeles
Waste Category: Household waste
Disposal Method: Recycler
Tons: .4587
Facility County: Santa Clara

Gepaid: CAH111000004
Contact: CITY OF MILPITAS
Telephone: 0000000000
Facility Addr2: Not reported
Mailing Name: Not reported
Mailing Address: 777 S MAIN STREET
Mailing City,St,Zip: MILPITAS, CA 950350000
Gen County: Santa Clara
TSD EPA ID: CAD008252405
TSD County: Los Angeles
Waste Category: Household waste
Disposal Method: Not reported
Tons: .2293
Facility County: Santa Clara

Click this hyperlink while viewing on your computer to access
1 additional CA_HAZNET: record(s) in the EDR Site Report.

BI293 **160 N. MAIN STREET** **ERNS 90167504**
NNE **160 N. MAIN STREET** **N/A**
1/2-1 **MILPITAS, CA 95035**
5213 ft.

Site 7 of 7 in cluster BI

Relative:
Lower

Actual:
14 ft.

Click this hyperlink while viewing on your computer to access
additional ERNS detail in the EDR Site Report.

BJ294
NE
1/2-1
5215 ft.

Relative:
Lower

Actual:
18 ft.

CHMIRS **S100222058**
N/A

500 BLOCK E. CALAVERAS BLVD.
MILPITAS, CA

Site 1 of 2 in cluster BJ

CHMIRS:

OES Incident Number:	9990621	
OES notification:	Not reported	
OES Date:	Not reported	
OES Time:	Not reported	
Incident Date:	10-AUG-88	
Date Completed:	**10-AUG-88**	
Property Use:	962	
Agency Id Number:	43030	
Agency Incident Number:	88-16951	
Time Notified:	2211	
Time Completed:	2241	
Surrounding Area:	500	
Estimated Temperature:	68	
Property Management:	C	
Special Studies 1:	Not reported	
Special Studies 2:	Not reported	
Special Studies 3:	Not reported	
Special Studies 4:	Not reported	
Special Studies 5:	Not reported	
Special Studies 6:	Not reported	
More Than Two Substances Involved?:		N
Resp Agncy Personel # Of Decontaminated:		Not reported
Responding Agency Personel # Of Injuries:		Not reported
Responding Agency Personel # Of Fatalities:		Not reported
Others Number Of Decontaminated:		Not reported
Others Number Of Injuries:		Not reported
Others Number Of Fatalities:		Not reported
Vehicle Make/year:	TOYOTA	
Vehicle License Number:	224PSE	
Vehicle State:	CA	
Vehicle Id Number:	Not reported	
CA/DOT/PUC/ICC Number:	Not reported	
Company Name:	Not reported	
Reporting Officer Name/ID:	JEFF LEE	
Report Date:	10-AUG-88	
Comments:	Y	
Facility Telephone:	408 945-5785	
Waterway Involved:	Not reported	
Waterway:	Not reported	
Spill Site:	Not reported	
Cleanup By:	Not reported	
Containment:	Not reported	
What Happened:	Not reported	
Type:	Not reported	
Measure:	Not reported	
Other:	Not reported	
Date/Time:	Not reported	
Year:	88-92	
Agency:	Not reported	
Incident Date:	Not reported	
Admin Agency:	Not reported	
Amount:	Not reported	

(Continued) **S100222058**

Contained:	Not reported
Site Type:	Not reported
E Date:	16-MAR-89
Substance:	Not reported
Quantity Released:	Not reported
BBLS:	Not reported
Cups:	Not reported
CUFT:	Not reported
Gallons:	Not reported
Grams:	Not reported
Pounds:	Not reported
Liters:	Not reported
Ounces:	Not reported
Pints:	Not reported
Quarts:	Not reported
Sheen:	Not reported
Tons:	Not reported
Unknown:	Not reported
Description:	Not reported
Evacuations:	Not reported
Number of Injuries:	Not reported
Number of Fatalities:	Not reported

BJ295 **SAN JOSE MEDICAL GRP INC MILPITAS BRANCH** **HAZNET** **S103662241**
NE **500 E CALVERAS BOULEVARD** **N/A**
1/2-1 **MILPITAS, CA 95035**
5215 ft.

Site 2 of 2 in cluster BJ

Relative:
Lower

Actual:
18 ft.

HAZNET:

Gepaid:	CAL000077160
Contact:	SAN JOSE MEDICAL MANAGEMENT
Telephone:	4082827762
Facility Addr2:	Not reported
Mailing Name:	Not reported
Mailing Address:	625 LINCOLN AVE
Mailing City,St,Zip:	SAN JOSE, CA 951263705
Gen County:	Santa Clara
TSD EPA ID:	CAD070148432
TSD County:	1
Waste Category:	Photochemicals/photoprocessing waste
Disposal Method:	Not reported
Tons:	.1450
Facility County:	Santa Clara

Gepaid:	CAL000077160
Contact:	SAN JOSE MEDICAL MANAGEMENT
Telephone:	4082827762
Facility Addr2:	Not reported
Mailing Name:	Not reported
Mailing Address:	625 LINCOLN AVE
Mailing City,St,Zip:	SAN JOSE, CA 951263705
Gen County:	Santa Clara
TSD EPA ID:	CAD070148432
TSD County:	1
Waste Category:	Photochemicals/photoprocessing waste
Disposal Method:	Treatment, Incineration
Tons:	.0967

SAN JOSE MEDICAL GRP INC MILPITAS BRANCH (Continued) **S103662241**

Facility County: Santa Clara

Gepaid: CAL000077160
Contact: SAN JOSE MEDICAL MANAGEMENT
Telephone: 4082827762
Facility Addr2: Not reported
Mailing Name: Not reported
Mailing Address: 625 LINCOLN AVE
Mailing City,St,Zip: SAN JOSE, CA 951263705
Gen County: Santa Clara
TSD EPA ID: CAD070148432
TSD County: 1
Waste Category: Photochemicals/photoprocessing waste
Disposal Method: Treatment, Incineration
Tons: .0417
Facility County: Santa Clara

Gepaid: CAL000077160
Contact: SAN JOSE MEDICAL MANAGEMENT
Telephone: 4082827762
Facility Addr2: Not reported
Mailing Name: Not reported
Mailing Address: 625 LINCOLN AVE
Mailing City,St,Zip: SAN JOSE, CA 951263705
Gen County: Santa Clara
TSD EPA ID: CAL000027741
TSD County: 5
Waste Category: Asbestos-containing waste
Disposal Method: Not reported
Tons: 68.2668
Facility County: Santa Clara

Gepaid: CAL000077160
Contact: SAN JOSE MEDICAL MANAGEMENT
Telephone: 4082827762
Facility Addr2: Not reported
Mailing Name: Not reported
Mailing Address: 625 LINCOLN AVE
Mailing City,St,Zip: SAN JOSE, CA 951263705
Gen County: Santa Clara
TSD EPA ID: CAL000027741
TSD County: 5
Waste Category: Asbestos-containing waste
Disposal Method: Disposal, Land Fill
Tons: 130.6340
Facility County: Santa Clara

Click this hyperlink while viewing on your computer to access
1 additional CA_HAZNET: record(s) in the EDR Site Report.

296
North
1/2-1
5224 ft.

MARYLINN DR. @ PENITENCIA ST
MILPITAS, CA 95035

CHMIRS **S100275052**
N/A

Relative:
Lower

Actual:
13 ft.

CHMIRS:

OES Incident Number:	8907321
OES notification:	Not reported
OES Date:	Not reported
OES Time:	Not reported
Incident Date:	04-AUG-89
Date Completed:	**04-AUG-89**
Property Use:	962
Agency Id Number:	43030
Agency Incident Number:	89-16921-F
Time Notified:	2027
Time Completed:	2046
Surrounding Area:	400
Estimated Temperature:	73
Property Management:	C
Special Studies 1:	Not reported
Special Studies 2:	Not reported
Special Studies 3:	Not reported
Special Studies 4:	Not reported
Special Studies 5:	Not reported
Special Studies 6:	Not reported
More Than Two Substances Involved?:	N
Resp Agncy Personel # Of Decontaminated:	0
Responding Agency Personel # Of Injuries:	0
Responding Agency Personel # Of Fatalities:	0
Others Number Of Decontaminated:	0
Others Number Of Injuries:	0
Others Number Of Fatalities:	0
Vehicle Make/year:	Not reported
Vehicle License Number:	Not reported
Vehicle State:	Not reported
Vehicle Id Number:	Not reported
CA/DOT/PUC/ICC Number:	Not reported
Company Name:	Not reported
Reporting Officer Name/ID:	CAPT. DIXON C-10
Report Date:	04-AUG-89
Comments:	Not reported
Facility Telephone:	408 942-2388
Waterway Involved:	Not reported
Waterway:	Not reported
Spill Site:	Not reported
Cleanup By:	Not reported
Containment:	Not reported
What Happened:	Not reported
Type:	Not reported
Measure:	Not reported
Other:	Not reported
Date/Time:	Not reported
Year:	88-92
Agency:	Not reported
Incident Date:	Not reported
Admin Agency:	Not reported
Amount:	Not reported
Contained:	Not reported

(Continued) **S100275052**

Site Type:	Not reported
E Date:	17-MAY-90
Substance:	Not reported
Quantity Released:	Not reported
BBLS:	Not reported
Cups:	Not reported
CUFT:	Not reported
Gallons:	Not reported
Grams:	Not reported
Pounds:	Not reported
Liters:	Not reported
Ounces:	Not reported
Pints:	Not reported
Quarts:	Not reported
Sheen:	Not reported
Tons:	Not reported
Unknown:	Not reported
Description:	Not reported
Evacuations:	Not reported
Number of Injuries:	Not reported
Number of Fatalities:	Not reported

297
NNE
1/2-1
5226 ft.

518 PENITENTIA ST **ERNS** **92268707**
518 PENITENTIA ST **N/A**
MILPITAS, CA 95035

Relative:
Lower

Actual:
13 ft.

Click this hyperlink while viewing on your computer to access additional ERNS detail in the EDR Site Report.

298
WSW
1/2-1
5249 ft.

CISCO SYSTEMS, SITE 4 CAMPUS, **EMI** **S106248256**
300 E TASMAN DRIVE **N/A**
SAN JOSE, CA 95134

Relative:
Lower

Actual:
21 ft.

EMI:

Year:	2002
Carbon Monoxide Emissions Tons/Yr:	43
Air Basin:	SF
Facility ID:	14362
Air District Name:	BA
SIC Code:	3699
Air District Name:	BAY AREA AQMD
Community Health Air Pollution Info System:	Not reported
Consolidated Emission Reporting Rule:	Not reported
Total Organic Hydrocarbon Gases Tons/Yr:	0
Reactive Organic Gases Tons/Yr:	0
Carbon Monoxide Emissions Tons/Yr:	0
NOX - Oxides of Nitrogen Tons/Yr:	0
SOX - Oxides of Sulphur Tons/Yr:	0
Particulate Matter Tons/Yr:	0
Part. Matter 10 Micrometers & Smllr Tons/Yr:	0
Year:	2003

CISCO SYSTEMS, SITE 4 CAMPUS, (Continued) **S106248256**

Carbon Monoxide Emissions Tons/Yr:	43
Air Basin:	SF
Facility ID:	14362
Air District Name:	BA
SIC Code:	3699
Air District Name:	BAY AREA AQMD
Community Health Air Pollution Info System:	Not reported
Consolidated Emission Reporting Rule:	Not reported
Total Organic Hydrocarbon Gases Tons/Yr:	0
Reactive Organic Gases Tons/Yr:	0
Carbon Monoxide Emissions Tons/Yr:	0
NOX - Oxides of Nitrogen Tons/Yr:	0
SOX - Oxides of Sulphur Tons/Yr:	0
Particulate Matter Tons/Yr:	0
Part. Matter 10 Micrometers & Smllr Tons/Yr:	0

Year:	2004
Carbon Monoxide Emissions Tons/Yr:	43
Air Basin:	SF
Facility ID:	14362
Air District Name:	BA
SIC Code:	3699
Air District Name:	BAY AREA AQMD
Community Health Air Pollution Info System:	Not reported
Consolidated Emission Reporting Rule:	Not reported
Total Organic Hydrocarbon Gases Tons/Yr:	0.03
Reactive Organic Gases Tons/Yr:	0.025101
Carbon Monoxide Emissions Tons/Yr:	0.068
NOX - Oxides of Nitrogen Tons/Yr:	0.247
SOX - Oxides of Sulphur Tons/Yr:	0.033
Particulate Matter Tons/Yr:	0.006
Part. Matter 10 Micrometers & Smllr Tons/Yr:	0.005856

ORPHAN SUMMARY

City	EDR ID	Site Name	Site Address	Zip	Database(s)
MILPITAS	S104568742	C & L TRANSPORT INC	HWY 680 NO BOUND 400 YDS BEFORE HWY 237	95035	HAZNET
MILPITAS	S106085956	CALTANS DIST 4/CONSTRUCTION/EA04-285524	HWY 880 PM 0.4 TO 15.3	95035	HAZNET
MILPITAS	S107140609	CALTRANS DIST 4/CONSTR	HWY 880 PM0.0-15.3	95035	HAZNET
MILPITAS	S106661734	1X MURPHY'S CLEANERS	14 ABBOTT AVEE	95035	CLEANERS
MILPITAS	S106836053	MURPHY'S CLEANERS	14 ABBOTT AVENUE	95035	EMI
MILPITAS	S107620758	COUNTY OF SANTA CLARA	701 SO ABEL STREET, M8	95035	EMI
MILPITAS	1000288651	SHELL OIL CO	1310 ALVISO	95035	RCRA-SQG
MILPITAS	S106837853	QUANTUM CORPORATION	1140 BELLEW DRIVE	95035	EMI
MILPITAS	U004049688	FACILITY 43-000-202673	3441 E. CALAVERAS BL.	95035	UST
MILPITAS	S103956737	CITY MILPITAS/PUBLIC WORKS	ON CAPITOL AVE AT MAIN ST	95035	HAZNET
MILPITAS	S105091589	CYBEQ SYSTEMS	1537 CENTER POINT	95035	HAZNET
MILPITAS	S106086392	VALLEY TRANSIT AUTHORITY	CURTIS AVE 1/2 MI TO MAIN ST	95035	HAZNET
MILPITAS	S103678594	TRIDENT TRUCK LINES	DIXON LANDING OFF RAM HWY 880		HAZNET
MILPITAS	S107140338	NEW FLOORS SYSTEMS	447 GREAT MALL BLVD	95035	HAZNET
MILPITAS	S103963043	EQUILON ENTERPRISES LLC	1780 S. MAIN/TRIMBLE	95035	HAZNET
MILPITAS	S105512828	MCCARTHY RANCH	MCCARTHY / MAGNOLIA ST BLVD	95035	HIST LUST
MILPITAS	S103981707	PG & E	237 MCCARTHY/BARBARA LN	95035	HAZNET
MILPITAS	U004049924	FACILITY 43-011-000072-0	MURPHY RANCH RD	95035	UST
MILPITAS	1008152952	EQUILON ENTERPRISES	12 PARK VICTORIA/CALAVERAS	95035	HAZNET
MILPITAS	S103962973	EQUILON ENTERPRISES LLC	12 PARK VICTORIA/CALAVERAS	95035	HAZNET
MILPITAS	S100927982	1X SANTA CLARA CO/HEALTH DEPT	SENIOR CENTER		HAZNET
MILPITAS	S105085696	CISCO SYSTEMS	755 SYCAMORE LANE / 1545 BARBER LANE	95134	HAZNET
MILPITAS	S107145131	MAXTOR CORP	525 SYCAMORE DR BLDG 14	95035	HAZNET
MILPITAS	S107145016	MAXTOR CORP	1140 TECHNOLOGY DR BLDG 1	95035	HAZNET
SAN JOSE	A100215732	OLS ENERGY-AGNEWS	3800 CISCO WAY	95134	AST
SAN JOSE	S106102053	OLS ENERGY AGNEWS INC	3800 CISCO WAY	95134	CA WDS
SAN JOSE	S106248255	CISCO SYSTEMS INC	3550 CISCO WAY	95134	EMI
SAN JOSE	S106102070	CALPINE C* POWER CORP	1515 MILPITAS ALVISO RD	95134	HAZNET, CA WDS
SAN JOSE	S105083570	CAL TRANS DISTRICT 04	NW QUAD OF N 1ST ST / ROUTE 237	95134	HAZNET
SAN JOSE	S103635390	CISCO SYSTEMS	170 TASMAN DR	95134	HAZNET

EPA Waste Codes Addendum

Code	Description
D001	IGNITABLE HAZARDOUS WASTES ARE THOSE WASTES WHICH HAVE A FLASHPOINT OF LESS THAN 140 DEGREES FAHRENHEIT AS DETERMINED BY A PENSKY-MARTENS CLOSED CUP FLASH POINT TESTER. ANOTHER METHOD OF DETERMINING THE FLASH POINT OF A WASTE IS TO REVIEW THE MATERIAL SAFETY DATA SHEET, WHICH CAN BE OBTAINED FROM THE MANUFACTURER OR DISTRIBUTOR OF THE MATERIAL. LACQUER THINNER IS AN EXAMPLE OF A COMMONLY USED SOLVENT WHICH WOULD BE CONSIDERED AS IGNITABLE HAZARDOUS WASTE.
D018	BENZENE

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

To maintain currency of the following federal and state databases, EDR contacts the appropriate governmental agency on a monthly or quarterly basis, as required.

Number of Days to Update: Provides confirmation that EDR is reporting records that have been updated within 90 days from the date the government agency made the information available to the public.

FEDERAL RECORDS

NPL RECOVERY: Federal Superfund Liens

Federal Superfund Liens. Under the authority granted the USEPA by CERCLA of 1980, the USEPA has the authority to file liens against real property in order to recover remedial action expenditures or when the property owner received notification of potential liability. USEPA compiles a listing of filed notices of Superfund Liens.

Date of Government Version: 10/15/1991
Date Data Arrived at EDR: 02/02/1994
Date Made Active in Reports: 03/30/1994
Number of Days to Update: 56

Source: EPA
Telephone: 202-564-4267
Last EDR Contact: 08/21/2006
Next Scheduled EDR Contact: 11/20/2006
Data Release Frequency: No Update Planned

CERCLIS: Comprehensive Environmental Response, Compensation, and Liability Information System

CERCLIS contains data on potentially hazardous waste sites that have been reported to the USEPA by states, municipalities, private companies and private persons, pursuant to Section 103 of the Comprehensive Environmental Response, Compensation, and Liability Act (CERCLA). CERCLIS contains sites which are either proposed to or on the National Priorities List (NPL) and sites which are in the screening and assessment phase for possible inclusion on the NPL.

Date of Government Version: 06/19/2006
Date Data Arrived at EDR: 06/22/2006
Date Made Active in Reports: 08/23/2006
Number of Days to Update: 62

Source: EPA
Telephone: 703-413-0223
Last EDR Contact: 09/21/2006
Next Scheduled EDR Contact: 12/18/2006
Data Release Frequency: Quarterly

RCRA: Resource Conservation and Recovery Act Information

RCRAInfo is EPA's comprehensive information system, providing access to data supporting the Resource Conservation and Recovery Act (RCRA) of 1976 and the Hazardous and Solid Waste Amendments (HSWA) of 1984. RCRAInfo replaces the data recording and reporting abilities of the Resource Conservation and Recovery Information System (RCRIS). The database includes selective information on sites which generate, transport, store, treat and/or dispose of hazardous waste as defined by the Resource Conservation and Recovery Act (RCRA). Conditionally exempt small quantity generators (CESQGs) generate less than 100 kg of hazardous waste, or less than 1 kg of acutely hazardous waste per month. Small quantity generators (SQGs) generate between 100 kg and 1,000 kg of hazardous waste per month. Large quantity generators (LQGs) generate over 1,000 kilograms (kg) of hazardous waste, or over 1 kg of acutely hazardous waste per month. Transporters are individuals or entities that move hazardous waste from the generator off-site to a facility that can recycle, treat, store, or dispose of the waste. TSDFs treat, store, or dispose of the waste.

Date of Government Version: 06/13/2006
Date Data Arrived at EDR: 06/28/2006
Date Made Active in Reports: 08/23/2006
Number of Days to Update: 56

Source: EPA
Telephone: 800-424-9346
Last EDR Contact: 09/28/2006
Next Scheduled EDR Contact: 11/20/2006
Data Release Frequency: Quarterly

ERNS: Emergency Response Notification System

Emergency Response Notification System. ERNS records and stores information on reported releases of oil and hazardous substances.

Date of Government Version: 12/31/2005
Date Data Arrived at EDR: 01/12/2006
Date Made Active in Reports: 02/21/2006
Number of Days to Update: 40

Source: National Response Center, United States Coast Guard
Telephone: 202-260-2342
Last EDR Contact: 07/25/2006
Next Scheduled EDR Contact: 10/23/2006
Data Release Frequency: Annually

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

HMIRS: Hazardous Materials Information Reporting System
Hazardous Materials Incident Report System. HMIRS contains hazardous material spill incidents reported to DOT.

Date of Government Version: 07/03/2006
Date Data Arrived at EDR: 07/19/2006
Date Made Active in Reports: 08/23/2006
Number of Days to Update: 35

Source: U.S. Department of Transportation
Telephone: 202-366-4555
Last EDR Contact: 07/19/2006
Next Scheduled EDR Contact: 10/16/2006
Data Release Frequency: Annually

DOD: Department of Defense Sites
This data set consists of federally owned or administered lands, administered by the Department of Defense, that have any area equal to or greater than 640 acres of the United States, Puerto Rico, and the U.S. Virgin Islands.

Date of Government Version: 12/31/2004
Date Data Arrived at EDR: 02/08/2005
Date Made Active in Reports: 08/04/2005
Number of Days to Update: 177

Source: USGS
Telephone: 703-692-8801
Last EDR Contact: 08/11/2006
Next Scheduled EDR Contact: 11/06/2006
Data Release Frequency: Semi-Annually

PRP: Potentially Responsible Parties
A listing of verified Potentially Responsible Parties

Date of Government Version: 07/20/2006
Date Data Arrived at EDR: 07/21/2006
Date Made Active in Reports: 08/22/2006
Number of Days to Update: 32

Source: EPA
Telephone: 202-564-6064
Last EDR Contact: 07/06/2006
Next Scheduled EDR Contact: 10/02/2006
Data Release Frequency: Quarterly

TRIS: Toxic Chemical Release Inventory System
Toxic Release Inventory System. TRIS identifies facilities which release toxic chemicals to the air, water and land in reportable quantities under SARA Title III Section 313.

Date of Government Version: 12/31/2004
Date Data Arrived at EDR: 06/22/2006
Date Made Active in Reports: 08/23/2006
Number of Days to Update: 62

Source: EPA
Telephone: 202-566-0250
Last EDR Contact: 09/22/2006
Next Scheduled EDR Contact: 12/18/2006
Data Release Frequency: Annually

TSCA: Toxic Substances Control Act
Toxic Substances Control Act. TSCA identifies manufacturers and importers of chemical substances included on the TSCA Chemical Substance Inventory list. It includes data on the production volume of these substances by plant site.

Date of Government Version: 12/31/2002
Date Data Arrived at EDR: 04/14/2006
Date Made Active in Reports: 05/30/2006
Number of Days to Update: 46

Source: EPA
Telephone: 202-260-5521
Last EDR Contact: 07/17/2006
Next Scheduled EDR Contact: 10/16/2006
Data Release Frequency: Every 4 Years

FTTS: FIFRA/ TSCA Tracking System - FIFRA (Federal Insecticide, Fungicide, & Rodenticide Act)/TSCA (Toxic Substances Control Act)
FTTS tracks administrative cases and pesticide enforcement actions and compliance activities related to FIFRA, TSCA and EPCRA (Emergency Planning and Community Right-to-Know Act). To maintain currency, EDR contacts the Agency on a quarterly basis.

Date of Government Version: 07/14/2006
Date Data Arrived at EDR: 07/18/2006
Date Made Active in Reports: 09/06/2006
Number of Days to Update: 50

Source: EPA/Office of Prevention, Pesticides and Toxic Substances
Telephone: 202-566-1667
Last EDR Contact: 09/18/2006
Next Scheduled EDR Contact: 12/18/2006
Data Release Frequency: Quarterly

FTTS INSP: FIFRA/ TSCA Tracking System - FIFRA (Federal Insecticide, Fungicide, & Rodenticide Act)/TSCA (Toxic Substances Control Act)

Date of Government Version: 07/14/2006
Date Data Arrived at EDR: 07/18/2006
Date Made Active in Reports: 09/06/2006
Number of Days to Update: 50

Source: EPA
Telephone: 202-566-1667
Last EDR Contact: 09/18/2006
Next Scheduled EDR Contact: 12/18/2006
Data Release Frequency: Quarterly

SSTS: Section 7 Tracking Systems

Section 7 of the Federal Insecticide, Fungicide and Rodenticide Act, as amended (92 Stat. 829) requires all registered pesticide-producing establishments to submit a report to the Environmental Protection Agency by March 1st each year. Each establishment must report the types and amounts of pesticides, active ingredients and devices being produced, and those having been produced and sold or distributed in the past year.

Date of Government Version: 12/31/2004
Date Data Arrived at EDR: 05/11/2006
Date Made Active in Reports: 05/22/2006
Number of Days to Update: 11

Source: EPA
Telephone: 202-564-4203
Last EDR Contact: 07/17/2006
Next Scheduled EDR Contact: 10/16/2006
Data Release Frequency: Annually

ICIS: Integrated Compliance Information System

The Integrated Compliance Information System (ICIS) supports the information needs of the national enforcement and compliance program as well as the unique needs of the National Pollutant Discharge Elimination System (NPDES) program.

Date of Government Version: 02/13/2006
Date Data Arrived at EDR: 04/21/2006
Date Made Active in Reports: 05/11/2006
Number of Days to Update: 20

Source: Environmental Protection Agency
Telephone: 202-564-5088
Last EDR Contact: 07/17/2006
Next Scheduled EDR Contact: 10/16/2006
Data Release Frequency: Quarterly

PADS: PCB Activity Database System

PCB Activity Database. PADS Identifies generators, transporters, commercial storers and/or brokers and disposers of PCB's who are required to notify the EPA of such activities.

Date of Government Version: 07/07/2006
Date Data Arrived at EDR: 08/09/2006
Date Made Active in Reports: 09/06/2006
Number of Days to Update: 28

Source: EPA
Telephone: 202-566-0500
Last EDR Contact: 08/09/2006
Next Scheduled EDR Contact: 11/06/2006
Data Release Frequency: Annually

MLTS: Material Licensing Tracking System

MLTS is maintained by the Nuclear Regulatory Commission and contains a list of approximately 8,100 sites which possess or use radioactive materials and which are subject to NRC licensing requirements. To maintain currency, EDR contacts the Agency on a quarterly basis.

Date of Government Version: 07/10/2006
Date Data Arrived at EDR: 07/20/2006
Date Made Active in Reports: 09/06/2006
Number of Days to Update: 48

Source: Nuclear Regulatory Commission
Telephone: 301-415-7169
Last EDR Contact: 07/03/2006
Next Scheduled EDR Contact: 10/02/2006
Data Release Frequency: Quarterly

BRS: Biennial Reporting System

The Biennial Reporting System is a national system administered by the EPA that collects data on the generation and management of hazardous waste. BRS captures detailed data from two groups: Large Quantity Generators (LQG) and Treatment, Storage, and Disposal Facilities.

Date of Government Version: 12/31/2003
Date Data Arrived at EDR: 06/17/2005
Date Made Active in Reports: 08/04/2005
Number of Days to Update: 48

Source: EPA/NTIS
Telephone: 800-424-9346
Last EDR Contact: 09/15/2006
Next Scheduled EDR Contact: 12/11/2006
Data Release Frequency: Biennially

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

STATE AND LOCAL RECORDS

HIST CAL-SITES: Calsites Database

The Calsites database contains potential or confirmed hazardous substance release properties. In 1996, California EPA reevaluated and significantly reduced the number of sites in the Calsites database. No longer updated by the state agency. It has been replaced by ENVIROSTOR.

Date of Government Version: 08/08/2005
Date Data Arrived at EDR: 08/03/2006
Date Made Active in Reports: 08/24/2006
Number of Days to Update: 21

Source: Department of Toxic Substance Control
Telephone: 916-323-3400
Last EDR Contact: 08/28/2006
Next Scheduled EDR Contact: 11/27/2006
Data Release Frequency: No Update Planned

CA BOND EXP. PLAN: Bond Expenditure Plan

Department of Health Services developed a site-specific expenditure plan as the basis for an appropriation of Hazardous Substance Cleanup Bond Act funds. It is not updated.

Date of Government Version: 01/01/1989
Date Data Arrived at EDR: 07/27/1994
Date Made Active in Reports: 08/02/1994
Number of Days to Update: 6

Source: Department of Health Services
Telephone: 916-255-2118
Last EDR Contact: 05/31/1994
Next Scheduled EDR Contact: N/A
Data Release Frequency: No Update Planned

SWF/LF (SWIS): Solid Waste Information System

Active, Closed and Inactive Landfills. SWF/LF records typically contain an inve ntory of solid waste disposal facilities or landfills. These may be active or i nactive facilities or open dumps that failed to meet RCRA Section 4004 criteria for solid waste landfills or disposal sites.

Date of Government Version: 06/12/2006
Date Data Arrived at EDR: 06/14/2006
Date Made Active in Reports: 07/27/2006
Number of Days to Update: 43

Source: Integrated Waste Management Board
Telephone: 916-341-6320
Last EDR Contact: 09/13/2006
Next Scheduled EDR Contact: 12/11/2006
Data Release Frequency: Quarterly

CA WDS: Waste Discharge System

Sites which have been issued waste discharge requirements.

Date of Government Version: 06/21/2006
Date Data Arrived at EDR: 06/22/2006
Date Made Active in Reports: 07/27/2006
Number of Days to Update: 35

Source: State Water Resources Control Board
Telephone: 916-341-5227
Last EDR Contact: 09/21/2006
Next Scheduled EDR Contact: 12/18/2006
Data Release Frequency: Quarterly

WMUDS/SWAT: Waste Management Unit Database

Waste Management Unit Database System. WMUDS is used by the State Water Resources Control Board staff and the Regional Water Quality Control Boards for program tracking and inventory of waste management units. WMUDS is composed of the following databases: Facility Information, Scheduled Inspections Information, Waste Management Unit Information, SWAT Program Information, SWAT Report Summary Information, SWAT Report Summary Data, Chapter 15 (formerly Subchapter 15) Information, Chapter 15 Monitoring Parameters, TPCA Program Information, RCRA Program Information, Closure Information, and Interested Parties Information.

Date of Government Version: 04/01/2000
Date Data Arrived at EDR: 04/10/2000
Date Made Active in Reports: 05/10/2000
Number of Days to Update: 30

Source: State Water Resources Control Board
Telephone: 916-227-4448
Last EDR Contact: 09/05/2006
Next Scheduled EDR Contact: 12/04/2006
Data Release Frequency: Quarterly

UST: Active UST Facilities

Active UST facilities gathered from the local regulatory agencies

Date of Government Version: 07/11/2006
Date Data Arrived at EDR: 07/12/2006
Date Made Active in Reports: 07/26/2006
Number of Days to Update: 14

Source: SWRCB
Telephone: 916-341-5851
Last EDR Contact: 07/12/2006
Next Scheduled EDR Contact: 10/09/2006
Data Release Frequency: Semi-Annually

AST: Aboveground Petroleum Storage Tank Facilities
Registered Aboveground Storage Tanks.

Date of Government Version: 01/30/2006
Date Data Arrived at EDR: 01/30/2006
Date Made Active in Reports: 02/17/2006
Number of Days to Update: 18

Source: State Water Resources Control Board
Telephone: 916-341-5712
Last EDR Contact: 09/05/2006
Next Scheduled EDR Contact: 10/31/2006
Data Release Frequency: Quarterly

CHMIRS: California Hazardous Material Incident Report System
California Hazardous Material Incident Reporting System. CHMIRS contains information on reported hazardous material incidents (accidental releases or spills).

Date of Government Version: 12/31/2004
Date Data Arrived at EDR: 11/30/2005
Date Made Active in Reports: 01/19/2006
Number of Days to Update: 50

Source: Office of Emergency Services
Telephone: 916-845-8400
Last EDR Contact: 08/21/2006
Next Scheduled EDR Contact: 11/20/2006
Data Release Frequency: Varies

NOTIFY 65: Proposition 65 Records
Proposition 65 Notification Records. NOTIFY 65 contains facility notifications about any release which could impact drinking water and thereby expose the public to a potential health risk.

Date of Government Version: 10/21/1993
Date Data Arrived at EDR: 11/01/1993
Date Made Active in Reports: 11/19/1993
Number of Days to Update: 18

Source: State Water Resources Control Board
Telephone: 916-445-3846
Last EDR Contact: 07/17/2006
Next Scheduled EDR Contact: 10/16/2006
Data Release Frequency: No Update Planned

DRYCLEANERS: Cleaner Facilities
A list of drycleaner related facilities that have EPA ID numbers. These are facilities with certain SIC codes: power laundries, family and commercial; garment pressing and cleaner's agents; linen supply; coin-operated laundries and cleaning; drycleaning plants, except rugs; carpet and upholster cleaning; industrial launderers; laundry and garment services.

Date of Government Version: 04/18/2005
Date Data Arrived at EDR: 04/18/2005
Date Made Active in Reports: 05/06/2005
Number of Days to Update: 18

Source: Department of Toxic Substance Control
Telephone: 916-327-4498
Last EDR Contact: 07/17/2006
Next Scheduled EDR Contact: 10/02/2006
Data Release Frequency: Annually

RESPONSE: State Response Sites
Identifies confirmed release sites where DTSC is involved in remediation, either in a lead or oversight capacity. These confirmed release sites are generally high-priority and high potential risk.

Date of Government Version: 06/06/2006
Date Data Arrived at EDR: 06/07/2006
Date Made Active in Reports: 07/06/2006
Number of Days to Update: 29

Source: Department of Toxic Substances Control
Telephone: 916-323-3400
Last EDR Contact: 08/30/2006
Next Scheduled EDR Contact: 11/27/2006
Data Release Frequency: Quarterly

HAZNET: Facility and Manifest Data
Facility and Manifest Data. The data is extracted from the copies of hazardous waste manifests received each year by the DTSC. The annual volume of manifests is typically 700,000 - 1,000,000 annually, representing approximately 350,000 - 500,000 shipments. Data are from the manifests submitted without correction, and therefore many contain some invalid values for data elements such as generator ID, TSD ID, waste category, and disposal method.

Date of Government Version: 12/31/2003
Date Data Arrived at EDR: 10/11/2005
Date Made Active in Reports: 10/31/2005
Number of Days to Update: 20

Source: California Environmental Protection Agency
Telephone: 916-255-1136
Last EDR Contact: 09/14/2006
Next Scheduled EDR Contact: 11/06/2006
Data Release Frequency: Annually

EMI: Emissions Inventory Data
Toxics and criteria pollutant emissions data collected by the ARB and local air pollution agencies.

Date of Government Version: 12/31/2004
Date Data Arrived at EDR: 04/14/2006
Date Made Active in Reports: 05/11/2006
Number of Days to Update: 27

Source: California Air Resources Board
Telephone: 916-322-2990
Last EDR Contact: 07/21/2006
Next Scheduled EDR Contact: 10/16/2006
Data Release Frequency: Varies

ENVIROSTOR: EnviroStor Database
The Department of Toxic Substances Control's (DTSC's) Site Mitigation and Brownfields Reuse Program's (SMBRP's) EnviroStor database identifes sites that have known contamination or sites for which there may be reasons to investigate further. The database includes the following site types: Federal Superfund sites (National Priorities List (NPL)); State Response, including Military Facilities and State Superfund; Voluntary Cleanup; and School sites. EnviroStor provides similar information to the information that was available in CalSites, and provides additional site information, including, but not limited to, identification of formerly-contaminated properties that have been released for reuse, properties where environmental deed restrictions have been recorded to prevent inappropriate land uses, and risk characterization information that is used to assess potential impacts to public health and the environment at contaminated sites.

Date of Government Version: 05/10/2006
Date Data Arrived at EDR: 05/10/2006
Date Made Active in Reports: 06/15/2006
Number of Days to Update: 36

Source: Department of Toxic Substances Control
Telephone: 916-323-3400
Last EDR Contact: 08/30/2006
Next Scheduled EDR Contact: 11/27/2006
Data Release Frequency: Quarterly

TRIBAL RECORDS

INDIAN LUST R1: Leaking Underground Storage Tanks on Indian Land
A listing of leaking underground storage tank locations on Indian Land.

Date of Government Version: 06/08/2006
Date Data Arrived at EDR: 06/09/2006
Date Made Active in Reports: 06/28/2006
Number of Days to Update: 19

Source: EPA Region 1
Telephone: 617-918-1313
Last EDR Contact: 08/21/2006
Next Scheduled EDR Contact: 11/20/2006
Data Release Frequency: Varies

INDIAN LUST R10: Leaking Underground Storage Tanks on Indian Land
LUSTs on Indian land in Alaska, Idaho, Oregon and Washington.

Date of Government Version: 06/08/2006
Date Data Arrived at EDR: 06/09/2006
Date Made Active in Reports: 07/28/2006
Number of Days to Update: 49

Source: EPA Region 10
Telephone: 206-553-2857
Last EDR Contact: 08/21/2006
Next Scheduled EDR Contact: 11/20/2006
Data Release Frequency: Quarterly

INDIAN LUST R9: Leaking Underground Storage Tanks on Indian Land
LUSTs on Indian land in Arizona, California, New Mexico and Nevada

Date of Government Version: 06/01/2006
Date Data Arrived at EDR: 06/23/2006
Date Made Active in Reports: 08/02/2006
Number of Days to Update: 40

Source: Environmental Protection Agency
Telephone: 415-972-3372
Last EDR Contact: 08/21/2006
Next Scheduled EDR Contact: 11/20/2006
Data Release Frequency: Quarterly

INDIAN LUST R8: Leaking Underground Storage Tanks on Indian Land
LUSTs on Indian land in Colorado, Montana, North Dakota, South Dakota, Utah and Wyoming.

Date of Government Version: 06/06/2006
Date Data Arrived at EDR: 06/09/2006
Date Made Active in Reports: 07/28/2006
Number of Days to Update: 49

Source: EPA Region 8
Telephone: 303-312-6271
Last EDR Contact: 08/21/2006
Next Scheduled EDR Contact: 11/20/2006
Data Release Frequency: Quarterly

INDIAN LUST R7: Leaking Underground Storage Tanks on Indian Land
LUSTs on Indian land in Iowa, Kansas, and Nebraska

Date of Government Version: 06/01/2006
Date Data Arrived at EDR: 07/10/2006
Date Made Active in Reports: 09/12/2006
Number of Days to Update: 64

Source: EPA Region 7
Telephone: 913-551-7003
Last EDR Contact: 08/21/2006
Next Scheduled EDR Contact: 11/20/2006
Data Release Frequency: Varies

INDIAN LUST R6: Leaking Underground Storage Tanks on Indian Land
LUSTs on Indian land in New Mexico and Oklahoma.

Date of Government Version: 01/04/2005
Date Data Arrived at EDR: 01/21/2005
Date Made Active in Reports: 02/28/2005
Number of Days to Update: 38

Source: EPA Region 6
Telephone: 214-665-6597
Last EDR Contact: 08/21/2006
Next Scheduled EDR Contact: 11/20/2006
Data Release Frequency: Varies

INDIAN UST R9: Underground Storage Tanks on Indian Land

Date of Government Version: 06/01/2006
Date Data Arrived at EDR: 06/23/2006
Date Made Active in Reports: 08/02/2006
Number of Days to Update: 40

Source: EPA Region 9
Telephone: 415-972-3368
Last EDR Contact: 08/21/2006
Next Scheduled EDR Contact: 11/20/2006
Data Release Frequency: Quarterly

INDIAN UST R7: Underground Storage Tanks on Indian Land

Date of Government Version: 06/01/2006
Date Data Arrived at EDR: 07/10/2006
Date Made Active in Reports: 09/12/2006
Number of Days to Update: 64

Source: EPA Region 7
Telephone: 913-551-7003
Last EDR Contact: 08/21/2006
Next Scheduled EDR Contact: 11/20/2006
Data Release Frequency: Varies

INDIAN UST R8: Underground Storage Tanks on Indian Land

Date of Government Version: 06/06/2006
Date Data Arrived at EDR: 06/09/2006
Date Made Active in Reports: 07/28/2006
Number of Days to Update: 49

Source: EPA Region 8
Telephone: 303-312-6137
Last EDR Contact: 08/21/2006
Next Scheduled EDR Contact: 11/20/2006
Data Release Frequency: Quarterly

INDIAN UST R5: Underground Storage Tanks on Indian Land

Date of Government Version: 12/02/2004
Date Data Arrived at EDR: 12/29/2004
Date Made Active in Reports: 02/04/2005
Number of Days to Update: 37

Source: EPA Region 5
Telephone: 312-886-6136
Last EDR Contact: 08/21/2006
Next Scheduled EDR Contact: 11/20/2006
Data Release Frequency: Varies

INDIAN UST R10: Underground Storage Tanks on Indian Land

Date of Government Version: 06/08/2006
Date Data Arrived at EDR: 06/09/2006
Date Made Active in Reports: 07/28/2006
Number of Days to Update: 49

Source: EPA Region 10
Telephone: 206-553-2857
Last EDR Contact: 08/21/2006
Next Scheduled EDR Contact: 11/20/2006
Data Release Frequency: Quarterly

INDIAN UST R1: Underground Storage Tanks on Indian Land
A listing of underground storage tank locations on Indian Land.

Date of Government Version: 06/08/2006
Date Data Arrived at EDR: 06/09/2006
Date Made Active in Reports: 06/30/2006
Number of Days to Update: 21

Source: EPA, Region 1
Telephone: 617-918-1313
Last EDR Contact: 08/21/2006
Next Scheduled EDR Contact: 11/20/2006
Data Release Frequency: Varies

INDIAN UST R6: Underground Storage Tanks on Indian Land

Date of Government Version: 06/30/2006
Date Data Arrived at EDR: 07/03/2006
Date Made Active in Reports: 09/06/2006
Number of Days to Update: 65

Source: EPA Region 6
Telephone: 214-665-7591
Last EDR Contact: 08/21/2006
Next Scheduled EDR Contact: 11/20/2006
Data Release Frequency: Semi-Annually

EDR PROPRIETARY RECORDS

Manufactured Gas Plants: EDR Proprietary Manufactured Gas Plants
The EDR Proprietary Manufactured Gas Plant Database includes records of coal gas plants (manufactured gas plants) compiled by EDR's researchers. Manufactured gas sites were used in the United States from the 1800's to 1950's to produce a gas that could be distributed and used as fuel. These plants used whale oil, rosin, coal, or a mixture of coal, oil, and water that also produced a significant amount of waste. Many of the byproducts of the gas production, such as coal tar (oily waste containing volatile and non-volatile chemicals), sludges, oils and other compounds are potentially hazardous to human health and the environment. The byproduct from this process was frequently disposed of directly at the plant site and can remain or spread slowly, serving as a continuous source of soil and groundwater contamination.

Date of Government Version: N/A
Date Data Arrived at EDR: N/A
Date Made Active in Reports: N/A
Number of Days to Update: N/A

Source: EDR, Inc.
Telephone: N/A
Last EDR Contact: N/A
Next Scheduled EDR Contact: N/A
Data Release Frequency: No Update Planned

COUNTY RECORDS

ALAMEDA COUNTY:

Contaminated Sites
A listing of contaminated sites overseen by the Toxic Release Program (oil and groundwater contamination from chemical releases and spills) and the Leaking Underground Storage Tank Program (soil and ground water contamination from leaking petroleum USTs).

Date of Government Version: 08/08/2006
Date Data Arrived at EDR: 08/10/2006
Date Made Active in Reports: 08/24/2006
Number of Days to Update: 14

Source: Alameda County Environmental Health Services
Telephone: 510-567-6700
Last EDR Contact: 07/24/2006
Next Scheduled EDR Contact: 10/23/2006
Data Release Frequency: Semi-Annually

Underground Tanks

Date of Government Version: 08/08/2006
Date Data Arrived at EDR: 08/10/2006
Date Made Active in Reports: 09/18/2006
Number of Days to Update: 39

Source: Alameda County Environmental Health Services
Telephone: 510-567-6700
Last EDR Contact: 07/24/2006
Next Scheduled EDR Contact: 10/23/2006
Data Release Frequency: Semi-Annually

KERN COUNTY:

Underground Storage Tank Sites & Tank Listing
Kern County Sites and Tanks Listing.

Date of Government Version: 09/05/2006
Date Data Arrived at EDR: 09/05/2006
Date Made Active in Reports: 09/18/2006
Number of Days to Update: 13

Source: Kern County Environment Health Services Department
Telephone: 661-862-8700
Last EDR Contact: 09/05/2006
Next Scheduled EDR Contact: 12/04/2006
Data Release Frequency: Quarterly

LOS ANGELES COUNTY:

List of Solid Waste Facilities

Date of Government Version: 05/16/2006
Date Data Arrived at EDR: 05/30/2006
Date Made Active in Reports: 06/15/2006
Number of Days to Update: 16

Source: La County Department of Public Works
Telephone: 818-458-5185
Last EDR Contact: 08/16/2006
Next Scheduled EDR Contact: 11/13/2006
Data Release Frequency: Varies

City of Los Angeles Landfills

Date of Government Version: 03/01/2006
Date Data Arrived at EDR: 04/06/2006
Date Made Active in Reports: 05/11/2006
Number of Days to Update: 35

Source: Engineering & Construction Division
Telephone: 213-473-7869
Last EDR Contact: 09/11/2006
Next Scheduled EDR Contact: 12/11/2006
Data Release Frequency: Varies

City of El Segundo Underground Storage Tank

Date of Government Version: 05/30/2006
Date Data Arrived at EDR: 05/31/2006
Date Made Active in Reports: 06/14/2006
Number of Days to Update: 14

Source: City of El Segundo Fire Department
Telephone: 310-524-2236
Last EDR Contact: 09/11/2006
Next Scheduled EDR Contact: 11/13/2006
Data Release Frequency: Semi-Annually

City of Long Beach Underground Storage Tank

Date of Government Version: 03/28/2003
Date Data Arrived at EDR: 10/23/2003
Date Made Active in Reports: 11/26/2003
Number of Days to Update: 34

Source: City of Long Beach Fire Department
Telephone: 562-570-2563
Last EDR Contact: 08/23/2006
Next Scheduled EDR Contact: 11/20/2006
Data Release Frequency: Annually

City of Torrance Underground Storage Tank

Date of Government Version: 08/15/2006
Date Data Arrived at EDR: 08/17/2006
Date Made Active in Reports: 09/18/2006
Number of Days to Update: 32

Source: City of Torrance Fire Department
Telephone: 310-618-2973
Last EDR Contact: 08/14/2006
Next Scheduled EDR Contact: 11/13/2006
Data Release Frequency: Semi-Annually

MARIN COUNTY:

Underground Storage Tank Sites
Currently permitted USTs in Marin County.

Date of Government Version: 08/08/2006
Date Data Arrived at EDR: 08/29/2006
Date Made Active in Reports: 09/18/2006
Number of Days to Update: 20

Source: Public Works Department Waste Management
Telephone: 415-499-6647
Last EDR Contact: 07/31/2006
Next Scheduled EDR Contact: 10/30/2006
Data Release Frequency: Semi-Annually

NAPA COUNTY:

Closed and Operating Underground Storage Tank Sites

Date of Government Version: 06/28/2006
Date Data Arrived at EDR: 06/29/2006
Date Made Active in Reports: 07/26/2006
Number of Days to Update: 27

Source: Napa County Department of Environmental Management
Telephone: 707-253-4269
Last EDR Contact: 09/25/2006
Next Scheduled EDR Contact: 12/25/2006
Data Release Frequency: Annually

ORANGE COUNTY:

List of Underground Storage Tank Facilities

Orange County Underground Storage Tank Facilities (UST).

Date of Government Version: 06/01/2006
Date Data Arrived at EDR: 06/19/2006
Date Made Active in Reports: 07/26/2006
Number of Days to Update: 37

Source: Health Care Agency
Telephone: 714-834-3446
Last EDR Contact: 09/06/2006
Next Scheduled EDR Contact: 12/04/2006
Data Release Frequency: Quarterly

RIVERSIDE COUNTY:

Underground Storage Tank Tank List

Date of Government Version: 08/08/2006
Date Data Arrived at EDR: 08/08/2006
Date Made Active in Reports: 09/18/2006
Number of Days to Update: 41

Source: Health Services Agency
Telephone: 951-358-5055
Last EDR Contact: 07/17/2006
Next Scheduled EDR Contact: 10/16/2006
Data Release Frequency: Quarterly

SAN DIEGO COUNTY:

Solid Waste Facilities

San Diego County Solid Waste Facilities.

Date of Government Version: 11/01/2005
Date Data Arrived at EDR: 12/29/2005
Date Made Active in Reports: 01/19/2006
Number of Days to Update: 21

Source: Department of Health Services
Telephone: 619-338-2209
Last EDR Contact: 08/21/2006
Next Scheduled EDR Contact: 11/20/2006
Data Release Frequency: Varies

SAN FRANCISCO COUNTY:

Underground Storage Tank Information

Date of Government Version: 06/19/2006
Date Data Arrived at EDR: 06/21/2006
Date Made Active in Reports: 07/26/2006
Number of Days to Update: 35

Source: Department of Public Health
Telephone: 415-252-3920
Last EDR Contact: 09/18/2006
Next Scheduled EDR Contact: 12/04/2006
Data Release Frequency: Quarterly

SAN JOAQUIN COUNTY:

San Joaquin Co. UST

A listing of underground storage tank locations in San Joaquin county.

Date of Government Version: 07/25/2006
Date Data Arrived at EDR: 08/10/2006
Date Made Active in Reports: 09/18/2006
Number of Days to Update: 39

Source: Environmental Health Department
Telephone: N/A
Last EDR Contact: 07/17/2006
Next Scheduled EDR Contact: 10/16/2006
Data Release Frequency: Semi-Annually

SANTA CLARA COUNTY:

Fuel Leak Site Activity Report

A listing of open and closed leaking underground storage tanks. This listing is no longer updated by the county. Leaking underground storage tanks are now handled by the Department of Environmental Health.

Date of Government Version: 03/29/2005
Date Data Arrived at EDR: 03/30/2005
Date Made Active in Reports: 04/21/2005
Number of Days to Update: 22

Source: Santa Clara Valley Water District
Telephone: 408-265-2600
Last EDR Contact: 09/25/2006
Next Scheduled EDR Contact: 12/25/2006
Data Release Frequency: No Update Planned

Hazardous Material Facilities

Date of Government Version: 07/03/2006
Date Data Arrived at EDR: 07/05/2006
Date Made Active in Reports: 07/27/2006
Number of Days to Update: 22

Source: City of San Jose Fire Department
Telephone: 408-277-4659
Last EDR Contact: 09/05/2006
Next Scheduled EDR Contact: 12/04/2006
Data Release Frequency: Annually

SOLANO COUNTY:

Underground Storage Tanks

Date of Government Version: 07/03/2006
Date Data Arrived at EDR: 07/26/2006
Date Made Active in Reports: 08/24/2006
Number of Days to Update: 29

Source: Solano County Department of Environmental Management
Telephone: 707-784-6770
Last EDR Contact: 09/25/2006
Next Scheduled EDR Contact: 12/25/2006
Data Release Frequency: Quarterly

SUTTER COUNTY:

Underground Storage Tanks

Date of Government Version: 12/31/0005
Date Data Arrived at EDR: 01/05/2006
Date Made Active in Reports: 01/31/2006
Number of Days to Update: 26

Source: Sutter County Department of Agriculture
Telephone: 530-822-7500
Last EDR Contact: 07/31/2006
Next Scheduled EDR Contact: 10/02/2006
Data Release Frequency: Semi-Annually

VENTURA COUNTY:

Inventory of Illegal Abandoned and Inactive Sites

Ventura County Inventory of Closed, Illegal Abandoned, and Inactive Sites.

Date of Government Version: 08/01/2005
Date Data Arrived at EDR: 09/20/2005
Date Made Active in Reports: 10/06/2005
Number of Days to Update: 16

Source: Environmental Health Division
Telephone: 805-654-2813
Last EDR Contact: 08/25/2006
Next Scheduled EDR Contact: 11/20/2006
Data Release Frequency: Annually

Underground Tank Closed Sites List

Ventura County Operating Underground Storage Tank Sites (UST)/Underground Tank Closed Sites List.

Date of Government Version: 06/28/2006
Date Data Arrived at EDR: 07/27/2006
Date Made Active in Reports: 08/24/2006
Number of Days to Update: 28

Source: Environmental Health Division
Telephone: 805-654-2813
Last EDR Contact: 04/11/2006
Next Scheduled EDR Contact: 07/10/2006
Data Release Frequency: Quarterly

YOLO COUNTY:

Underground Storage Tank Comprehensive Facility Report

Date of Government Version: 07/19/2006
Date Data Arrived at EDR: 08/01/2006
Date Made Active in Reports: 08/24/2006
Number of Days to Update: 23

Source: Yolo County Department of Health
Telephone: 530-666-8646
Last EDR Contact: 07/17/2006
Next Scheduled EDR Contact: 10/16/2006
Data Release Frequency: Annually

OTHER DATABASE(S)

Depending on the geographic area covered by this report, the data provided in these specialty databases may or may not be complete. For example, the existence of wetlands information data in a specific report does not mean that all wetlands in the area covered by the report are included. Moreover, the absence of any reported wetlands information does not necessarily mean that wetlands do not exist in the area covered by the report.

CT MANIFEST: Hazardous Waste Manifest Data

Facility and manifest data. Manifest is a document that lists and tracks hazardous waste from the generator through transporters to a tsd facility.

Date of Government Version: 12/31/2004
Date Data Arrived at EDR: 02/17/2006
Date Made Active in Reports: 04/07/2006
Number of Days to Update: 49

Source: Department of Environmental Protection
Telephone: 860-424-3375
Last EDR Contact: 09/11/2006
Next Scheduled EDR Contact: 12/11/2006
Data Release Frequency: Annually

NJ MANIFEST: Manifest Information

Hazardous waste manifest information.

Date of Government Version: 06/01/2006
Date Data Arrived at EDR: 07/06/2006
Date Made Active in Reports: 08/01/2006
Number of Days to Update: 26

Source: Department of Environmental Protection
Telephone: N/A
Last EDR Contact: 07/05/2006
Next Scheduled EDR Contact: 10/02/2006
Data Release Frequency: Annually

NY MANIFEST: Facility and Manifest Data

Manifest is a document that lists and tracks hazardous waste from the generator through transporters to a TSD facility.

Date of Government Version: 05/02/2006
Date Data Arrived at EDR: 05/31/2006
Date Made Active in Reports: 06/27/2006
Number of Days to Update: 27

Source: Department of Environmental Conservation
Telephone: 518-402-8651
Last EDR Contact: 08/30/2006
Next Scheduled EDR Contact: 11/27/2006
Data Release Frequency: Annually

PA MANIFEST: Manifest Information

Hazardous waste manifest information.

Date of Government Version: 12/31/2005
Date Data Arrived at EDR: 05/04/2006
Date Made Active in Reports: 06/06/2006
Number of Days to Update: 33

Source: Department of Environmental Protection
Telephone: N/A
Last EDR Contact: 09/11/2006
Next Scheduled EDR Contact: 12/11/2006
Data Release Frequency: Annually

RI MANIFEST: Manifest information
Hazardous waste manifest information

Date of Government Version: 09/30/2005
Date Data Arrived at EDR: 05/09/2006
Date Made Active in Reports: 05/24/2006
Number of Days to Update: 15

Source: Department of Environmental Management
Telephone: 401-222-2797
Last EDR Contact: 09/18/2006
Next Scheduled EDR Contact: 12/18/2006
Data Release Frequency: Annually

WI MANIFEST: Manifest Information
Hazardous waste manifest information.

Date of Government Version: 12/31/2005
Date Data Arrived at EDR: 03/17/2006
Date Made Active in Reports: 05/02/2006
Number of Days to Update: 46

Source: Department of Natural Resources
Telephone: N/A
Last EDR Contact: 07/25/2006
Next Scheduled EDR Contact: 10/09/2006
Data Release Frequency: Annually

Oil/Gas Pipelines: This data was obtained by EDR from the USGS in 1994. It is referred to by USGS as GeoData Digital Line Graphs from 1:100,000-Scale Maps. It was extracted from the transportation category including some oil, but primarily gas pipelines.

Electric Power Transmission Line Data
Source: PennWell Corporation
Telephone: (800) 823-6277
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Sensitive Receptors: There are individuals deemed sensitive receptors due to their fragile immune systems and special sensitivity to environmental discharges. These sensitive receptors typically include the elderly, the sick, and children. While the location of all sensitive receptors cannot be determined, EDR indicates those buildings and facilities - schools, daycares, hospitals, medical centers, and nursing homes - where individuals who are sensitive receptors are likely to be located.

AHA Hospitals:
Source: American Hospital Association, Inc.
Telephone: 312-280-5991
The database includes a listing of hospitals based on the American Hospital Association's annual survey of hospitals.

Medical Centers: Provider of Services Listing
Source: Centers for Medicare & Medicaid Services
Telephone: 410-786-3000
A listing of hospitals with Medicare provider number, produced by Centers of Medicare & Medicaid Services, a federal agency within the U.S. Department of Health and Human Services.

Nursing Homes
Source: National Institutes of Health
Telephone: 301-594-6248
Information on Medicare and Medicaid certified nursing homes in the United States.

Public Schools
Source: National Center for Education Statistics
Telephone: 202-502-7300
The National Center for Education Statistics' primary database on elementary and secondary public education in the United States. It is a comprehensive, annual, national statistical database of all public elementary and secondary schools and school districts, which contains data that are comparable across all states.

Private Schools
Source: National Center for Education Statistics
Telephone: 202-502-7300
The National Center for Education Statistics' primary database on private school locations in the United States.

Daycare Centers: Licensed Facilities
Source: Department of Social Services
Telephone: 916-657-4041

Flood Zone Data: This data, available in select counties across the country, was obtained by EDR in 1999 from the Federal Emergency Management Agency (FEMA). Data depicts 100-year and 500-year flood zones as defined by FEMA.

NWI: National Wetlands Inventory. This data, available in select counties across the country, was obtained by EDR in 2002 and 2005 from the U.S. Fish and Wildlife Service.

STREET AND ADDRESS INFORMATION

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April 2, 2007

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1885 The Alameda, Suite 204
San Jose, California 95126

Re: Vicinity Hazardous Materials Users Survey Further Evaluation, Proposed Landmark Towers Development, Milpitas, California

Dear Mr. Loukas:

As requested, I have completed the scope of work for further evaluation of hazardous materials users and related concerns within the vicinity of the proposed Landmark Towers site located at 600 Barber Lane in Milpitas, California, in accordance with our verbal agreement of February 27, 2007.

Request for Current Chemical Inventories from Milpitas Fire Department
Copies of the most current chemical inventories and inspection reports available for the facilities identified during the *Vicinity Hazardous Materials Users Survey* completed on October 15, 2006, as well as for the additional facilities requested by the Milpitas Fire Department (MFD), were reviewed on March 7, 2007. A summary of the information obtained is presented in the following table; selected copies of the documents are attached to this letter.

AVAILABLE INFORMATION RECEIVED FROM MFD

Facility Name	Facility Address	Available Information
Appro International, Inc.	446 South Abbott Avenue	Business activities form (BAF) stated that hazardous materials above 55 gallons, 500 pounds, and/or 200 cubic feet were used at the facility, but that no hazardous waste was generated. No underground storage tanks (USTs) or aboveground storage tanks (ASTs) were reported. The maximum quantity of the only hazardous material listed on the inventory was 34 (assumed to be gallons) of propane stored in cylinders of 5 gallons each, reported in December 2005. Hazardous materials violations were not noted in the most recent inspection report, dated January 29, 2007.

(continued)

BELINDA P. BLACKIE, P.E., R.E.A.
1355 POE LANE
SAN JOSE, CA 95130
PHONE/FAX: (408) 260-8627

AVAILABLE INFORMATION RECEIVED FROM MFD (CONTINUED)

Facility Name	Facility Address	Available Information
KP Corporation	482 South Abbott Avenue	No information available; fire prevention file stated tenant name to be Stratex and no hazardous materials file was present for either KP Corporation or Stratex.
Citation Press	496 South Abbott Avenue	No information available.
WJ Communications	1530 McCarthy Boulevard	BAF stated that hazardous materials above 55 gallons, 500 pounds, and/or 200 cubic feet were used at the facility and that hazardous waste was generated and treated on site. No USTs or ASTs were reported. The maximum quantities of hazardous materials listed on the inventory included small to moderate quantities of approximately 175 assorted preparation, stripping, and plating chemicals, acids, caustics, alcohols, solvents, and other related materials; 400 gallons of diesel for an emergency generator; 5,000 pounds of sodium chloride; and moderate quantities of assorted gases, including ammonia, nitrogen, helium, arsine, argon, chlorine, oxygen, silane, boron trichloride, and fire suppression chemicals reported in September 2004. Reported hazardous wastes included moderate quantities of flammable debris and liquids, acidic debris, debris containing arsenic, and arsenic- and oil-containing slurries. Hazardous materials and wastes were reported to be stored in both indoor and outdoor locations. Hazardous materials violations reported in the most recent inspection report, dated October 24, 2006, included need for a purge bottle for the ammonia/silane gas cabinet, need for proper storage of silane, need for gas cabinet in "chase" area, and need for a cabinet for exterior storage of empty gas cylinders.
Fairchild Imaging, Inc.	1801 McCarthy Boulevard	Maximum quantities of hazardous materials listed in the facility hazardous materials business plan (HMBP), dated January 29, 2007,

(continued)

AVAILABLE INFORMATION RECEIVED FROM MFD (CONTINUED)

Facility Name	Facility Address	Available Information
		included small to moderate quantities of approximately 100 assorted preparation, stripping, and plating chemicals, inks and epoxy use-related materials, adhesives, solder, acids, etchants, caustics, alcohols, acetone, solvents, flux, amides, oils, and cooling tower chemicals; small quantities of numerous types of maintenance materials (leak detector, pump fluid, coolant, lubricants, greases, oils, etc.) and janitorial chemicals; 3,000 gallons sodium hydroxide and 375 gallons hydrochloric acid for wastewater treatment; 760 gallons dielectric oil; and moderate quantities of numerous assorted gases, including nitrogen, helium, oxygen, Freon, argon, acetylene, carbon dioxide, hydrogen, sulfur hexafluoride, nitrous oxide, chlorine, boron trichloride, hydrogen chloride, boron trichloride, phosphine, silane, diborane, dichlorosilane, and ammonia. Arsenic trioxide and elemental arsenic (using arsine as a source gas), regulated carcinogens, also reportedly were used at the facility. Reported hazardous wastes included moderate to large quantities of assorted mixed solvents, debris with acids and solvents, waste stripper solution, waste oil, and waste hydrofluoric acid/water (5,500 gallons maximum).
Silicon Microstructures, Inc.	1701 McCarthy Boulevard	BAF stated that hazardous materials above 55 gallons, 500 pounds, and/or 200 cubic feet were used at the facility and that hazardous waste was generated and treated on site. No USTs or ASTs were reported. The maximum quantities of hazardous materials listed on the inventory included small to moderate quantities of approximately 70 assorted preparation, stripping, and plating chemicals, acids, caustics, alcohols, and other related materials; 1,000 gallons of sodium hydroxide and 500 gallons of sulfuric acid for waste water treatment; and moderate to

(continued)

Screening Level Risk Evaluation Results

The table on the following page summarizes the results of the screening level risk evaluation performed by Toxichem Management Systems, Inc. (Toxichem) on the facilities selected for further evaluation, based on the conclusions of the vicinity hazardous materials users survey previously performed for the site and the information summarized in the previous section. The facilities selected for further evaluation included: PG&E Milpitas Gas Terminal (66 Ranch Drive), Cisco Systems (510 and 560 North McCarthy Boulevard and 725, 771, and 821 Alder Drive), Silicon Microstructures, Inc. (1701 McCarthy Boulevard), Fairchild Imaging (1801 McCarthy Boulevard), and WJ Communications (1530 McCarthy Boulevard). Based on review of the most-recently available hazardous materials inventories for these five facilities, Toxichem identified seven possible worst-case chemical release scenarios from four of the facilities; worst-case release scenarios were not identified for the Cisco Systems facility.

SCREENING LEVEL RISK EVALUATION RESULTS

Concentration	Maximum Threat Zone	Maximum Project Outdoor Concentration[a]	Emergency Planning Guidelines
Fairchild Imaging – 1.2 miles from site			
Hydrogen Chloride Gas Release (60 pounds)	0.33 miles (ERPG2)	1.9 ppm	IDLH = 50 ERPG2 = 20 ERPG3 = 150
Liquid Hydrogen Release (1,500 gallons) Peak overpressure from vapor cloud explosion	 0.11 miles (1 psi)	 NS	 1 psi overpressure
PG&E Milpitas Gas Terminal – 0.36 miles from site			
Solvent Release (3,000 gallons pipeline liquid [as pentane] into 1,000 ft^2 containment) Distance to Level of Concern Flammable Area of Vapor Cloud	 0.18 miles (1/10 IDLH) 0.02 miles (60% LEL)	 54 ppm	 IDLH = 1,500 ppm ERPGs = NE LEL = 13,000 ppm
Silicon Microstructures, Inc. – 1.1 miles from site			
Hydrofluoric Acid Release (500 gallons 49% solution into 500 ft^2 containment)	0.064 miles (ERPG2)	0.16 ppm	IDLH = 30 ERPG2 = 20 ERPG3 = 50
Phosphine Gas Release (330 ft^3 of 25% phosphine)	0.85 miles (ERPG2)	0.31 ppm	IDLH = 30 ERPG2 = 0.5 ERPG3 = 5

(continued)

AVAILABLE INFORMATION RECEIVED FROM MFD (CONTINUED)

Facility Name	Facility Address	Available Information
		large quantities of assorted gases, including fire suppression gases, argon, trifluoromethane, helium, nitrogen, oxygen, sulfur hexafluoride, oxtafluorocyclobutane, tetrafluoromethane, sulfur hexafluoride, ammonia, dichlorosilane, phosphine, silane, nitrous oxide, and hydrogen, reported in February 2006. Reported hazardous wastes included moderate quantities of assorted corrosive, acidic, and flammable liquids, waste etch solutions, waste solids with solvents and corrosives, and waste oils. Hazardous materials violations reported in the most recent inspection report, dated October 30, 2006, included need to reduce quantity of flammable and combustible liquids in storage cabinet in "chase area", appropriately label materials in pump cabinet, obtain a permit for the Cyberclean 1000, and provide proper storage for isopropyl alcohol, among others. A November 8, 2006 letter documented the corrections to the inspection violations.

Of the facilities included in the table above, a chemical inventory, when one previously was unavailable, was obtained from the MFD for Appro International, Inc. (446 South Abbott Avenue). Available information did not indicate the presence of hazardous materials at the Appro International facility appearing likely to have a significant impact to the site and therefore further evaluation was not conducted.

Based on review of the available documents from the MFD, both during the October 2006 survey and the current study, a preliminary evaluation and possible subsequent screening level risk appraisal of the Pacific Gas and Electric Company (PG&E) Milpitas Gas Terminal (66 Ranch Drive), Cisco Systems (510 and 560 North McCarthy Boulevard and 725, 771, and 821 Alder Drive), Silicon Microstructures, Inc. (1701 McCarthy Boulevard), Fairchild Imaging (1801 McCarthy Boulevard), and WJ Communications (1530 McCarthy Boulevard) facilities were recommended. Results of this additional evaluation are summarized in the following section.

Chemical inventory information was not on file at the MFD for Citation Press (496 South Abbott Avenue) or KP Corporation (482 South Abbott Avenue). Absence of hazardous materials files at the MFD appears to indicate that these facilities do not use significant quantities of hazardous materials and no further evaluation appears warranted.

SCREENING LEVEL RISK EVALUATION RESULTS (CONTINUED)

Concentration	Maximum Threat Zone	Maximum Project Outdoor Concentration[a]	Emergency Planning Guidelines
WJ Communications – 0.73 miles from site			
Arsine Gas Release (260 ft^3 of 2% arsine)	0.2 miles (ERPG2)	0.042 ppm	IDLH = 3 ERPG2 = 0.5 ERPG3 = 1.5
Liquid Hydrogen Release (775 gallons) Peak overpressure from vapor cloud explosion	0.075 miles (1 psi)	NS	1 psi overpressure

NS = not significant.

LEL = Lower Explosive Limit; ERPG = Emergency Response Planning Guideline; IDLH = Immediately Dangerous to Life and Health.

All releases assume U.S. EPA Worst-Case conditions: loss of container contents over 10-minute period, Stability Class F, and Wind Speed of 1.5 meters per second.

[a] The maximum outdoor concentration is the concentration predicted at the site exterior after the plume reaches the site (ALOHA model).

Based on the data provided by Toxichem, the results of this screening level evaluation indicate that worst-case releases from nearby facilities during worst-case atmospheric conditions appear unlikely to have significant impacts at the site exterior.

Reference

Toxichem Management Systems, Inc. *Draft Screening Level Chemical Risk Appraisal, Landmark Tower, 600 Barber Lane, Milpitas, CA.* March 12, 2007.

Limitations

The results of this evaluation are limited by uncertainties associated with the completeness of the hazardous materials inventories available at the Milpitas Fire Department, the selection of chemicals/emissions for evaluation by Toxichem Management Systems, Inc., the size of each release, assumptions concerning release location, vapor pressures of released liquids, assumed area of liquid spills, surrogate use, and atmospheric conditions during the release. All release scenarios assumed that the site was located plume centerline, down wind at the time of the release; wind speed and wind direction vary over time. Chemicals were selected based on reported volume, recognized toxicity and/or flammability, and were judged to be representative of the potential release risks posed by each facility. As with all hazardous materials-related studies, the extent of information obtained was a function of client demands, time limitations, and budgetary constraints.

This letter was prepared for the sole use of David J. Powers and Associates. No warranty, expressed or implied, has been made, except that the services have been performed in accordance with environmental principles generally accepted at this time and location.

Thank you for allowing me to assist you with this project. If you have any questions please do not hesitate to call and I will be glad to discuss them with you.

Sincerely,

Belinda P. Blackie, P.E., R.E.A.
P.E. Number C56448
R.E.A. Number REA-06746

Additional MFD Documents

UNIFIED PROGRAM CONSOLIDATED FORM
FACILITY INFORMATION

BUSINESS ACTIVITIES

COPY

I. FACILITY IDENTIFICATION

FACILITY ID # *(Agency Use Only)*	1.	EPA ID # (Hazardous Waste Only)	2.
		CAT-080-033-996	

BUSINESS NAME (Same as Facility Name or DBA - Doing Business As) 3.

WJ Communications, Inc., 1530 McCarthy Boulevard, Milpitas, CA 94088

II. ACTIVITIES DECLARATION

NOTE: If you check YES to any part of this list, please submit the Business Owner/Operator Identification page (OES Form 2730).

Does your facility...		If Yes, please complete these pages of the UPCF...
A. HAZARDOUS MATERIALS		
Have on site (for any purpose) hazardous materials at or above 55 gallons for liquids, 500 pounds for solids, or 200 cubic feet for compressed gases (include liquids in ASTs and USTs); or the applicable Federal threshold quantity for an extremely hazardous substance specified in 40 CFR Part 355, Appendix A or B; or handle radiological materials in quantities for which an emergency plan is required pursuant to 10 CFR Parts 30, 40 or 70?	☒ YES ☐ NO 4.	HAZARDOUS MATERIALS INVENTORY - CHEMICAL DESCRIPTION (OES 2731)
B. UNDERGROUND STORAGE TANKS (USTs)		
1. Own or operate underground storage tanks?	☐ YES ☒ NO 5.	UST FACILITY (Formerly SWRCB Form A) UST TANK (one page per tank) (Formerly Form B)
2. Intend to upgrade existing or install new USTs?	☐ YES ☒ NO 6.	UST FACILITY UST TANK (one per tank) UST INSTALLATION - CERTIFICATE OF COMPLIANCE (one page per tank) (Formerly Form C)
3. Need to report closing a UST?	☐ YES ☒ NO 7.	UST TANK (closure portion - one page per tank)
C. ABOVE GROUND PETROLEUM STORAGE TANKS (ASTs)		
Own or operate ASTs above these thresholds: ---any tank capacity is greater than 660 gallons, or ---the total capacity for the facility is greater than 1,320 gallons?	☐ YES ☒ NO 8.	NO FORM REQUIRED TO CUPAs
D. HAZARDOUS WASTE		
1. Generate hazardous waste?	☒ YES ☐ NO 9.	EPA ID NUMBER – provide at the top of this page
2. Recycle more than 100 kg/month of excluded or exempted recyclable materials (per H&SC §25143.2)?	☐ YES ☒ NO 10.	RECYCLABLE MATERIALS REPORT (one per recycler)
3. Treat hazardous waste on site?	☒ YES ☐ NO 11.	ONSITE HAZARDOUS WASTE TREATMENT - FACILITY (Formerly DTSC Forms 1772) ONSITE HAZARDOUS WASTE TREATMENT - UNIT (one page per unit) (Formerly DTSC Forms 1772 A,B,C,D and L)
4. Treatment subject to financial assurance requirements (for Permit by Rule and Conditional Authorization)?	☒ YES ☐ NO 12.	CERTIFICATION OF FINANCIAL ASSURANCE (Formerly DTSC Form 1232)
5. Consolidate hazardous waste generated at a remote site?	☐ YES ☒ NO 13.	REMOTE WASTE / CONSOLIDATION SITE ANNUAL NOTIFICATION (Formerly DTSC Form 1196)
6. Need to report the closure/removal of a tank that was classified as hazardous waste and cleaned onsite?	☐ YES ☒ NO 14.	HAZARDOUS WASTE TANK CLOSURE CERTIFICATION (Formerly DTSC Form 1249)

E. LOCAL REQUIREMENTS 15.

(You may also be required to provide additional information by your CUPA or local agency.)

FILE::un-020_HMBP_WJCv10-08-2004.doc//DaRos Associates

Non-Waste Hazardous Materials Inventory Statement

For Use By Unidocs Member Agencies or where approved by your Local Jurisdiction

Date: 10/13/2004

Business Name: (Same as Facility Name/DBA)	**WJ Communications**	**Type of Report on This Page:** ☐ Add; ☐ Delete; ☒ Revise;	**Page** 1 of 3 (One page per building area)
Chemical Location: (Building/Storage Area)	**AREA A** (Flammables Bunker)	**EPCRA Confidential Location?** ☐ Yes ☒ No **Trade Secret Information?** ☐ Yes ☒ No	**Facility ID#** (Agency Use Only)

1 Haz. Class	2. Map/ Grid or LC	3. Common Name	4. Hazardous Components (For mixtures only) Chemical Name	% Wt.	EHS	CAS No.	5. Type and Physical State	6. Quantities Max. Daily	Average Daily	Lgst. Cont	7. Units	8. Storage Codes Pressure	Temp.	9. Hazard Categories
FL1B	AREA A	**Acetone** Cas No: 67-64-1 ☐ EHS	2-Propanone	100	☐		☒ pure ☐ mixture ☐ solid ☒ liquid ☐ gas	300 Curies:	200 Days on Site: 365	1 Storage Container N	☒ gal. ☐ lbs. ☐ cu.ft. ☐ tons	☒ amb. ☐ > amb. ☐ < amb.	☒ amb. ☐ > amb. ☐ < amb. ☐ cryo.	☒ fire ☐ reactive ☐ pressure release ☐ acute health ☐ chronic health ☐ radioactive
FL1B	AREA A	**Isopropyl Alcohol** Cas No: 67-63-0 ☐ EHS	2-Propanol	100	☐		☒ pure ☐ mixture ☐ solid ☒ liquid ☐ gas	160 Curies:	100 Days on Site: 365	1 Storage Container N	☒ gal. ☐ lbs. ☐ cu.ft. ☐ tons	☒ amb. ☐ > amb. ☐ < amb.	☒ amb. ☐ > amb. ☐ < amb. ☐ cryo.	☒ fire ☐ reactive ☐ pressure release ☐ acute health ☐ chronic health ☐ radioactive
		Intentionally Left Blank Cas No: ☐ EHS			☐		☐ pure ☐ mixture ☐ solid ☐ liquid ☐ gas	Curies:	Days on Site:	Storage Container	☐ gal. ☐ lbs. ☐ cu.ft. ☐ tons	☐ amb. ☐ > amb. ☐ < amb.	☐ amb. ☐ > amb. ☐ < amb. ☐ cryo.	☐ fire ☐ reactive ☐ pressure release ☐ acute health ☐ chronic health ☐ radioactive
CL-2	AREA A	**EBR 800** Cas No: ☐ EHS	Compound A Compound B	40-80 20-60	☐	N/A N/A	☐ pure ☒ mixture ☐ solid ☒ liquid ☐ gas	90 Curies:	90 Days on Site: 365	1.00 Storage Container M	☒ gal. ☐ lbs. ☐ cu.ft. ☐ tons	☒ amb. ☐ > amb. ☐ < amb.	☒ amb. ☐ > amb. ☐ < amb. ☐ cryo.	☒ fire ☐ reactive ☐ pressure release ☐ acute health ☐ chronic health ☐ radioactive
FL-1B TOX WR	AREA A	**Advanced Adhesion Promotor AP800** Cas No: ☐ EHS	1-Methoxy-2-propanol Proprietary ingredient	>99 <1	☐	000107-98-2 N/A	☐ pure ☒ mixture ☐ solid ☒ liquid ☐ gas	4 Curies:	2 Days on Site: 365	0.25 Storage Container N	☒ gal. ☐ lbs. ☐ cu.ft. ☐ tons	☒ amb. ☐ > amb. ☐ < amb.	☒ amb. ☐ > amb. ☐ < amb. ☐ cryo.	☒ fire ☒ reactive ☐ pressure release ☒ acute health ☐ chronic health ☐ radioactive
FL-1B TOX WR-1	AREA A	**Olin Adhesion Promotor** (Hexamethyldisilazane) Cas No: 999-97-3 ☐ EHS			☐		☒ pure ☐ mixture ☐ solid ☒ liquid ☐ gas	4 Curies:	2 Days on Site: 365	0.25 Storage Container	☒ gal. ☐ lbs. ☐ cu.ft. ☐ tons	☒ amb. ☐ > amb. ☐ < amb.	☒ amb. ☐ > amb. ☐ < amb. ☐ cryo.	☒ fire ☒ reactive ☐ pressure release ☒ acute health ☐ chronic health ☐ radioactive

* Storage Codes

Code	Storage Type	Code	Storage Type	Code	Storage Type	Code	Storage Type	Code	Storage Type	Code	Storage Type
A	Aboveground Tank	D	Steel Drum	G	Carboy	J	Bag	M	Glass Bottle or Jug	P	Tank Wagon
B	Belowground Tank	E	Plastic/Nonmetallic Drum	H	Silo	K	Box	N	Plastic Bottle or Jug	Q	Rail Car
C	Tank Inside Building	F	Can	I	Fiber Drum	L	Cylinder	O	Tote Bin	R	Tank Wagon

If EPCRA, sign below: _____

Non-Waste Hazardous Materials Inventory Statement

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Date: 10/13/2004

Business Name: (Same as Facility Name/DBA)	**WJ Communications**	**Type of Report on This Page:** ☐ Add; ☐ Delete; ☒ Revise;	**Page** 2 of 3 (One page per building area),
Chemical Location: (Building/Storage Area)	**AREA A** (Flammables Bunker)	**EPCRA Confidential Location?** ☐ Yes ☒ No **Trade Secret Information?** ☐ Yes ☒ No	**Facility ID#** (Agency Use Only)

1 Haz. Class	2. Map/ Grid or LC	3. Common Name	4. Hazardous Components (For mixtures only) Chemical Name	% Wt.	EHS	CAS No.	5. Type and Physical State	6. Quantities Max. Daily	Average Daily	Lgst. Cont	7. Units	8. Storage Codes Pressure	Temp.	9. Hazard Categories
CL IRR	AREA A	**Microposit EC Solvent 11** Cas No: 97-64-3 ☐ EHS	Ethyl lactate	100	☐		☒ pure ☐ mixture ☐ solid ☒ liquid ☐ gas	20 Curies:	12 Days on Site: 365	1 Storage Container N	☒ gal. ☐ lbs. ☐ cu.ft. ☐ tons	☒ amb. ☐ > amb. ☐ < amb.	☒ amb. ☐ > amb. ☐ < amb. ☐ cryo.	☒ fire ☐ reactive ☐ pressure release ☐ acute health ☐ chronic health ☐ radioactive
CL	AREA A	**Baker PRS-1000 Positive Resist Stripper** Cas No: ☐ EHS	Diethylene glycol monomethyl ether	10-20	☐	111-90-0	☐ pure ☒ mixture ☐ solid ☒ liquid ☐ gas	50 Curies:	25 Days on Site: 365	1 Storage Container N	☒ gal. ☐ lbs. ☐ cu.ft. ☐ tons	☒ amb. ☐ > amb. ☐ < amb.	☒ amb. ☐ > amb. ☐ < amb. ☐ cryo.	☒ fire ☐ reactive ☐ pressure release ☐ acute health ☐ chronic health ☐ radioactive
			Thiophene, tetrahydro-, 1,1-dioxide	25-45	☐	126-33-0								
			1-methyl-2-pyrrolidinone	35-55	☐	872-50-4								
			Tetraethylene glycol	1-10	☐	112-60-7								
CL	AREA A	**Advance Stripper System - Primary Stripper A** Cas No: ☐ EHS	Naphthalene	<70	☐	91-20-3	☐ pure ☒ mixture ☐ solid ☒ liquid ☐ gas	10 Curies:	5 Days on Site: 365	1 Storage Container N	☒ gal. ☐ lbs. ☐ cu.ft. ☐ tons	☒ amb. ☐ > amb. ☐ < amb.	☒ amb. ☐ > amb. ☐ < amb. ☐ cryo.	☒ fire ☐ reactive ☐ pressure release ☐ acute health ☐ chronic health ☐ radioactive
			Alkylaromatic sulfonic acid		☐									
CL-3B IRR	AREA A	**Glycerine, 99%** Cas No: 56-81-5 ☐ EHS			☐		☒ pure ☐ mixture ☐ solid ☒ liquid ☐ gas	6 Curies:	4 Days on Site: 365	1 Storage Container M	☒ gal. ☐ lbs. ☐ cu.ft. ☐ tons	☒ amb ☐ > amb. ☐ < amb.	☒ amb. ☐ > amb. ☐ < amb. ☐ cryo.	☒ fire ☐ reactive ☐ pressure release ☐ acute health ☐ chronic health ☐ radioactive
		Intentionally Left Blank Cas No: ☐ EHS			☐		☐ pure ☐ mixture ☐ solid ☐ liquid ☐ gas	Curies:	Days on Site:	Storage Container	☐ gal. ☐ lbs. ☐ cu.ft. ☐ tons	☐ amb. ☐ > amb. ☐ < amb.	☐ amb. ☐ > amb. ☐ < amb. ☐ cryo.	☐ fire ☐ reactive ☐ pressure release ☐ acute health ☐ chronic health ☐ radioactive
CL-3B	AREA A	**Technikote Dye** Cas No: ☐ EHS	Polyvinyl alcohol		☐		☐ pure ☒ mixture ☐ solid ☒ liquid ☐ gas	12 Curies:	8 Days on Site: 365	1 Storage Container N	☒ gal. ☐ lbs. ☐ cu.ft. ☐ tons	☒ amb. ☐ > amb. ☐ < amb.	☒ amb ☐ > amb. ☐ < amb. ☐ cryo.	☒ fire ☐ reactive ☐ pressure release ☐ acute health ☐ chronic health ☐ radioactive
FL-1B	AREA A	**Tetrahydrofuran** Cas No: 109-99-9 ☐ EHS		100	☐		☒ pure ☐ mixture ☐ solid ☒ liquid ☐ gas	10 Curies:	5 Days on Site: 365	1 Storage Container M	☒ gal. ☐ lbs. ☐ cu.ft. ☐ tons	☒ amb. ☐ > amb. ☐ < amb.	☒ amb. ☐ > amb. ☐ < amb. ☐ cryo.	☒ fire ☒ reactive ☐ pressure release ☒ acute health ☐ chronic health ☐ radioactive

* Storage Type codes:

Code	Storage Type	Code	Storage Type	Code	Storage Type	Code	Storage Type	Code	Storage Type	Code	Storage Type
A	Aboveground Tank	D	Steel Drum	G	Carboy	J	Bag	M	Glass Bottle or Jug	P	Tank Wagon
B	Belowground Tank	E	Plastic/Nonmetallic Drum	H	Silo	K	Box	N	Plastic Bottle or Jug	Q	Rail Car
C	Tank Inside Building	F	Can	I	Fiber Drum	L	Cylinder	O	Tote Bin	R	Tank Wagon

If EPCRA, sign below: _____

Non-Waste Hazardous Materials Inventory Statement

For Use By Unidocs Member Agencies or where approved by your Local Jurisdiction

Date: 10/13/2004

Business Name: (Same as Facility Name/DBA)	**WJ Communications**	**Type of Report on This Page:** [X] Add; [ ] Delete; [ ] Revise;	**Page** 3 of 3 (One page per building area)
Chemical Location: (Building/Storage Area)	**AREA A** (Flammables Bunker)	**EPCRA Confidential Location?** [ ] Yes [X] No **Trade Secret Information?** [ ] Yes [X] No	**Facility ID#** (Agency Use Only)

1 Haz. Class	2. Map/ Grid or LC	3. Common Name	4. Hazardous Components (For mixtures only) Chemical Name	% Wt.	EHS	CAS No.	5. Type and Physical State	6. Quantities Max. Daily	Average Daily	Lgst. Cont	7. Units	8. Storage Codes Pressure	Temp.	9. Hazard Categories
CL	AREA A	**Advantage 2000 Developer KB-1B** Cas No: [ ] EHS	Ethylene glycol monobutyl ether	60 - 100		111-76-2	[x] pure [ ] mixture [ ] solid [x] liquid [ ] gas	25 Curies:	20 Days on Site: 365	5 Storage Container N	[x] gal. [ ] lbs. [ ] cu.ft. [ ] tons	[x] amb. [ ] > amb. [ ] < amb.	[x] amb. [ ] > amb. [ ] < amb. [ ] cryo.	[x] fire [ ] reactive [ ] pressure release [ ] acute health [X] chronic health [ ] radioactive
CL-2	AREA A	**EBR 10-A** Cas No: [ ] EHS	PGMEA	100		108-65-6	[x] pure [ ] mixture [ ] solid [x] liquid [ ] gas	48 Curies:	36 Days on Site: 365	1 Storage Container N	[x] gal. [ ] lbs. [ ] cu.ft. [ ] tons	[x] amb. [ ] > amb. [ ] < amb.	[x] amb. [ ] > amb. [ ] < amb. [ ] cryo.	[x] fire [ ] reactive [ ] pressure release [ ] acute health [ ] chronic health [ ] radioactive
CL-2	AREA A	**AZ EBR 70/30** Cas No: [ ] EHS	1-METHOXY-2-PROPANOL 1-METHOXY-2-PROPANOL ACETATE	70 30		107-98-2 108-65-6	[ ] pure [x] mixture [ ] solid [x] liquid [ ] gas	80 Curies:	40 Days on Site: 365	1 Storage Container	[X] gal. [ ] lbs. [ ] cu.ft. [ ] tons	[X] amb. [ ] > amb. [ ] < amb.	[X] amb. [ ] > amb. [ ] < amb. [ ] cryo.	[X] fire [ ] reactive [ ] pressure release [ ] acute health [X] chronic health [ ] radioactive
CL-3A	AREA A	**ST-80** Cas No: [ ] EHS	N-methyl-2-pyrolidinone	100		872-50-40	[x] pure [ ] mixture [ ] solid [x] liquid [ ] gas	100 Curies:	80 Days on Site: 365	1 Storage Container N	[x] gal. [ ] lbs. [ ] cu.ft. [ ] tons	[x] amb. [ ] > amb. [ ] < amb.	[x] amb. [ ] > amb. [ ] < amb. [ ] cryo.	[x] fire [ ] reactive [ ] pressure release [ ] acute health [ ] chronic health [ ] radioactive
FL-1B	AREA A	**Toluene** Cas No: [ ] EHS **108-88-3**					[x] pure [ ] mixture [ ] solid [x] liquid [ ] gas	100 Curies:	80 Days on Site: 365	1 Storage Container N	[x] gal. [ ] lbs. [ ] cu.ft. [ ] tons	[x] amb. [ ] > amb. [ ] < amb.	[x] amb. [ ] > amb. [ ] < amb. [ ] cryo.	[x] fire [ ] reactive [ ] pressure release [x] acute health [x] chronic health [ ] radioactive
FL-1B	AREA A	**Methanol** Cas No: [ ] EHS **67-56-1**					[x] pure [ ] mixture [ ] solid [x] liquid [ ] gas	16 Curies:	12 Days on Site: 365	1 Storage Container N	[x] gal. [ ] lbs. [ ] cu.ft. [ ] tons	[x] amb. [ ] > amb. [ ] < amb.	[x] amb. [ ] > amb [ ] < amb. [ ] cryo.	[x] fire [ ] reactive [ ] pressure release [x] acute health [x] chronic health [ ] radioactive
		Cas No: [ ] EHS					[ ] pure [ ] mixture [ ] solid [ ] liquid [ ] gas	Curies:	Days on Site:	Storage Container	[ ] gal. [ ] lbs. [ ] cu.ft. [ ] tons	[ ] amb. [ ] > amb. [ ] < amb.	[ ] amb. [ ] > amb. [ ] < amb. [ ] cryo.	[ ] fire [ ] reactive [ ] pressure release [ ] acute health [ ] chronic health [ ] radioactive

* Code Storage Type

Code	Storage Type	Code	Storage Type	Code	Storage Type	Code	Storage Type	Code	Storage Type	Code	Storage Type
A	Aboveground Tank	D	Steel Drum	G	Carboy	J	Bag	M	Glass Bottle or Jug	P	Tank Wagon
B	Belowground Tank	E	Plastic/Nonmetallic Drum	H	Silo	K	Box	N	Plastic Bottle or Jug	Q	Rail Car
C	Tank Inside Building	F	Can	I	Fiber Drum	L	Cylinder	O	Tote Bin	R	Tank Wagon

If EPCRA, sign below: _____

Hazardous Waste Inventory Statement

For use by Unidocs Member Agencies or where approved by your Local Jurisdiction

Date: 09/30/2004

Business Name: WJ Communications, Inc. (Same as Facility Name or DBA)

Type of Report on This Page: ☐ Add; ☐ Delete; ☒ Revise

Page 1 of 1 (One page per building or area)

Chemical Location: Area A (Chemical Storage Bunker) (Building/Storage Area)

EPCRA Confidential Location? ☐ Yes; ☒ No

Trade Secret Information? ☐ Yes; ☒ No

Facility ID # (Agency Use Only)

1. Haz. Class	2. Map and Grid or Location Code	3. Waste Stream Name	4. Hazardous Components: Chemical Name	% Wt.	EHS	CAS No.	5. Type and Physical State	6. Quantities: Max. Daily	Average Daily	Largest Cont.	7. Annual Waste Amount	8. Units	9. Storage Codes: Storage Pressure	Storage Temp.	10. Hazard Categorie
4	Chem. Storage Bunker A	Debris c/w Flammable Solvents	Acetone	1	☐	67-64-1	☒ waste	330	165	55	5,000	☐ gallons ☒ pounds ☐ cu. feet ☐ tons	☒ ambient ☐ > amb. ☐ < amb.	☒ ambient ☐ > amb. ☐ < amb. ☐ cryogenic	☒ fire ☐ reactive ☐ pressure rel ☐ acute heal ☒ chronic he. ☐ radioactive
			Isopropanol	1	☐	67-63-0									
		Management Method: ☒ Shipped Off-site ☐ Recycled On-site ☐ Treated On-site	oil(s)	1	☐		☒ solid ☐ liquid ☐ gas	Curies: (If radioactive)	Days On Site: 365	Storage Container:* D	State Waste Code: 352				
			Photoresist(s)	1	☐										
			Debris/solids	90	☐										
3	Chem. Storage Bunker A	Waste Flammable Liquids	Acetone	75	☐	67-64-1	☒ waste	220	110	55	385	☒ gallons ☐ pounds ☐ cu. feet ☐ tons	☒ ambient ☐ > amb. ☐ < amb.	☒ ambient ☐ > amb. ☐ < amb. ☐ cryogenic	☒ fire ☐ reactive ☐ pressure rel ☒ acute health ☐ chronic hea ☐ radioactive
			Isopropanol	75	☐	67-63-0									
		Management Method: ☒ Shipped Off-site ☐ Recycled On-site ☐ Treated On-site	2-Butoxyethanol	10	☐		☐ solid ☒ liquid ☐ gas	Curies: (If radioactive)	Days On Site: 365	Storage Container:*	State Waste Code: 212				
			Water	20	☐	7732-18-5									
			Glycolethers	5	☐										
					☐		☐ waste					☐ gallons ☐ pounds ☐ cu. feet ☐ tons	☐ ambient ☐ > amb. ☐ < amb.	☐ ambient ☐ > amb. ☐ < amb. ☐ cryogenic	☐ fire ☐ reactive ☐ pressure rel ☐ acute health ☐ chronic hea ☐ radioactive
					☐										
		Management Method: ☐ Shipped Off-site ☐ Recycled On-site ☐ Treated On-site			☐		☐ solid ☐ liquid ☐ gas	Curies: (If radioactive)	Days On Site:	Storage Container:*	State Waste Code:				
					☐										
					☐		☐ waste					☐ gallons ☐ pounds ☐ cu. feet ☐ tons	☐ ambient ☐ > amb. ☐ < amb.	☐ ambient ☐ > amb. ☐ < amb. ☐ cryogenic	☐ fire ☐ reactive ☐ pressure rel ☐ acute health ☐ chronic hea ☐ radioactive
					☐										
		Management Method: ☐ Shipped Off-site ☐ Recycled On-site ☐ Treated On-site			☐		☐ solid ☐ liquid ☐ gas	Curies: (If radioactive)	Days On Site:	Storage Container:*	State Waste Code:				
					☐										
					☐		☐ waste					☐ gallons ☐ pounds ☐ cu. feet ☐ tons	☐ ambient ☐ > amb. ☐ < amb.	☐ ambient ☐ > amb. ☐ < amb. ☐ cryogenic	☐ fire ☐ reactive ☐ pressure rel ☐ acute health ☐ chronic hea ☐ radioactive
					☐										
		Management Method: ☐ Shipped Off-site ☐ Recycled On-site ☐ Treated On-site			☐		☐ solid ☐ liquid ☐ gas	Curies: (If radioactive)	Days On Site:	Storage Container:*	State Waste Code:				
					☐										
					☐		☐ waste					☐ gallons ☐ pounds ☐ cu. feet ☐ tons	☐ ambient ☐ > amb. ☐ < amb.	☐ ambient ☐ > amb. ☐ < amb. ☐ cryogenic	☐ fire ☐ reactive ☐ pressure rel ☐ acute health ☐ chronic hea ☐ radioactive
					☐										
		Management Method: ☐ Shipped Off-site ☐ Recycled On-site ☐ Treated On-site			☐		☐ solid ☐ liquid ☐ gas	Curies: (If radioactive)	Days On Site:	Storage Container:*	State Waste Code:				
					☐										

* Storage Container Codes

Code	Storage Type	Code	Storage Type	Code	Storage Type	Code	Storage Type	Code	Storage Type	Code	Storage Type
A	Aboveground Tank	D	Steel Drum	G	Carboy	J	Bag	M	Glass Bottle or Jug	P	Tank Wagon
B	Belowground Tank	E	Plastic/Nonmetallic Drum	H	Silo	K	Box	N	Plastic Bottle or Jug	Q	Rail Car
C	Tank Inside Building	F	Can	I	Fiber Drum	L	Cylinder	O	Tote Bin	R	Other

If EPCRA, sign below:

Non-Waste Hazardous Materials Inventory Statement

For Use By Unidocs Member Agencies or where approved by your Local Jurisdiction

Date: 10/15/2002

Business Name: (Same as Facility Name/DBA)	**WJ Communications**	**Type of Report on This Page:** ☐ Add; ☐ Delete; ☒ Revise;	**Page** 1 of 1 (One page per building area)
Chemical Location: (Building/Storage Area)	**AREA B** (Corrosives Bunker-ACID)	**EPCRA Confidential Location?** ☐ Yes ☒ No **Trade Secret Information?** ☐ Yes ☒ No	**Facility ID#** (Agency Use Only)

1	2.	3.	4.			5.	6.			7.	8.		9.
Haz. Class	Map/ Grid or LC	Common Name	Hazardous Components (For mixtures only) Chemical Name	% Wt.	EHS	CAS No.	Type and Physical State	Quantities Max. Daily	Average Daily	Lgst. Cont	Units	Storage Codes Pressure	Temp.	Hazard Categories
		Intentionally LEFT BLANK Cas No: ☐ EHS			☐		☐ pure ☐ mixture ☐ solid ☐ liquid ☐ gas	Curies:	Days on Site:	Storage Container	☐ gal. ☐ lbs. ☐ cu.ft. ☐ tons	☐ amb. ☐ > amb. ☐ < amb.	☐ amb. ☐ > amb. ☐ < amb. ☐ cryo.	☐ fire ☐ reactive ☐ pressure release ☐ acute health ☐ chronic health ☐ radioactive
		Intentionally LEFT BLANK Cas No: ☐ EHS			☐		☐ pure ☐ mixture ☐ solid ☐ liquid ☐ gas	Curies:	Days on Site:	Storage Container	☐ gal. ☐ lbs. ☐ cu.ft. ☐ tons	☐ amb. ☐ > amb. ☐ < amb.	☐ amb. ☐ > amb. ☐ < amb. ☐ cryo.	☐ fire ☐ reactive ☐ pressure release ☐ acute health ☐ chronic health ☐ radioactive
		Intentionally LEFT BLANK Cas No: ☐ EHS			☐		☐ pure ☐ mixture ☐ solid ☐ liquid ☐ gas	Curies:	Days on Site:	Storage Container	☐ gal. ☐ lbs. ☐ cu.ft. ☐ tons	☐ amb. ☐ > amb. ☐ < amb.	☐ amb. ☐ > amb. ☐ < amb. ☐ cryo.	☐ fire ☐ reactive ☐ pressure release ☐ acute health ☐ chronic health ☐ radioactive
		Intentionally LEFT BLANK Cas No: ☐ EHS			☐		☐ pure ☐ mixture ☐ solid ☐ liquid ☐ gas	Curies:	Days on Site:	Storage Container	☐ gal. ☐ lbs. ☐ cu.ft. ☐ tons	☐ amb. ☐ > amb. ☐ < amb.	☐ amb. ☐ > amb. ☐ < amb. ☐ cryo.	☐ fire ☐ reactive ☐ pressure release ☐ acute health ☐ chronic health ☐ radioactive
		Intentionally LEFT BLANK Cas No: ☐ EHS			☐		☐ pure ☐ mixture ☐ solid ☐ liquid ☐ gas	Curies:	Days on Site:	Storage Container	☐ gal. ☐ lbs. ☐ cu.ft. ☐ tons	☐ amb. ☐ > amb. ☐ < amb.	☐ amb. ☐ > amb. ☐ < amb. ☐ cryo.	☐ fire ☐ reactive ☐ pressure release ☐ acute health ☐ chronic health ☐ radioactive
		Intentionally LEFT BLANK Cas No: ☐ EHS			☐		☐ pure ☐ mixture ☐ solid ☐ liquid ☐ gas	Curies:	Days on Site:	Storage Container	☐ gal. ☐ lbs. ☐ cu.ft. ☐ tons	☐ amb. ☐ > amb. ☐ < amb.	☐ amb. ☐ > amb. ☐ < amb. ☐ cryo.	☐ fire ☐ reactive ☐ pressure release ☐ acute health ☐ chronic health ☐ radioactive

* Code Storage Type

Code	Storage Type	Code	Storage Type	Code	Storage Type	Code	Storage Type	Code	Storage Type	Code	Storage Type
A	Aboveground Tank	D	Steel Drum	G	Carboy	J	Bag	M	Glass Bottle or Jug	P	Tank Wagon
B	Belowground Tank	E	Plastic/Nonmetallic Drum	H	Silo	K	Box	N	Plastic Bottle or Jug	Q	Rail Car
C	Tank Inside Building	F	Can	I	Fiber Drum	L	Cylinder	O	Tote Bin	R	Tank Wagon

If EPCRA, sign below: _____

Date: 09/30/2004

Hazardous Waste Inventory Statement

For use by Unidocs Member Agencies or where approved by your Local Jurisdiction

Business Name: WJ Communications (Same as Facility Name or DBA)

Type of Report on This Page: ☒ Add; ☐ Delete; ☐ Revise

Page 1 of 1 (One page per building or area)

Chemical Location: Area B (Chemical Storage Bunker) (Building/Storage Area)

EPCRA Confidential Location? ☐ Yes; ☒ No

Trade Secret Information? ☐ Yes; ☒ No

Facility ID # (Agency Use Only)

1. Haz. Class	2. Map and Grid or Location Code	3. Waste Stream Name	4. Hazardous Components: Chemical Name	% Wt.	EHS	CAS No.	5. Type and Physical State	6. Quantities: Max. Daily	Average Daily	Largest Cont.	7. Annual Waste Amount	8. Units	9. Storage Codes: Storage Pressure	Storage Temp.	10. Hazard Categorie
8	Chem Storage Bunker B	Debris c/w Acids	Phosphoric acid	1	☐		☒ waste	220	110	55	3000	☐ gallons ☒ pounds ☐ cu. feet ☐ tons	☒ ambient ☐ > amb. ☐ < amb.	☒ ambient ☐ > amb. ☐ < amb. ☐ cryogenic	☐ fire ☐ reactive ☐ pressure rel ☒ acute healt ☐ chronic he. ☐ radioactive
			Hydroflouric acid	1	☐										
		Management Method: ☒ Shipped Off-site ☐ Recycled On-site ☐ Treated On-site	Sulfuric acid	1	☒		☒ solid ☐ liquid ☐ gas	Curies: (If radioactive)	Days On Site: 365	Storage Container:* E	State Waste Code: 181				
			Hydrochloric acid	1	☐										
			Debris/solids	90	☐										
					☐		☐ waste					☐ gallons ☐ pounds ☐ cu. feet ☐ tons	☐ ambient ☐ > amb. ☐ < amb.	☐ ambient ☐ > amb. ☐ < amb. ☐ cryogenic	☐ fire ☐ reactive ☐ pressure rel ☐ acute health ☐ chronic hea ☐ radioactive
					☐										
		Management Method: ☐ Shipped Off-site ☐ Recycled On-site ☐ Treated On-site			☐		☐ solid ☐ liquid ☐ gas	Curies: (If radioactive)	Days On Site:	Storage Container:*	State Waste Code:				
					☐										
					☐										
					☐		☐ waste					☐ gallons ☐ pounds ☐ cu. feet ☐ tons	☐ ambient ☐ > amb. ☐ < amb.	☐ ambient ☐ > amb. ☐ < amb. ☐ cryogenic	☐ fire ☐ reactive ☐ pressure rel ☐ acute health ☐ chronic hea ☐ radioactive
					☐										
		Management Method: ☐ Shipped Off-site ☐ Recycled On-site ☐ Treated On-site			☐		☐ solid ☐ liquid ☐ gas	Curies: (If radioactive)	Days On Site:	Storage Container:*	State Waste Code:				
					☐										
					☐										
					☐		☐ waste					☐ gallons ☐ pounds ☐ cu. feet ☐ tons	☐ ambient ☐ > amb. ☐ < amb.	☐ ambient ☐ > amb. ☐ < amb. ☐ cryogenic	☐ fire ☐ reactive ☐ pressure rel ☐ acute health ☐ chronic hea ☐ radioactive
					☐										
		Management Method: ☐ Shipped Off-site ☐ Recycled On-site ☐ Treated On-site			☐		☐ solid ☐ liquid ☐ gas	Curies: (If radioactive)	Days On Site:	Storage Container:*	State Waste Code:				
					☐										
					☐										
					☐		☐ waste					☐ gallons ☐ pounds ☐ cu. feet ☐ tons	☐ ambient ☐ > amb. ☐ < amb.	☐ ambient ☐ > amb ☐ < amb. ☐ cryogenic	☐ fire ☐ reactive ☐ pressure rel ☐ acute health ☐ chronic hea ☐ radioactive
					☐										
		Management Method: ☐ Shipped Off-site ☐ Recycled On-site ☐ Treated On-site			☐		☐ solid ☐ liquid ☐ gas	Curies: (If radioactive)	Days On Site:	Storage Container:*	State Waste Code:				
					☐										
					☐										

* Storage Type codes: A Aboveground Tank; B Belowground Tank; C Tank Inside Building; D Steel Drum; E Plastic/Nonmetallic Drum; F Can; G Carboy; H Silo; I Fiber Drum; J Bag; K Box; L Cylinder; M Glass Bottle or Jug; N Plastic Bottle or Jug; O Tote Bin; P Tank Wagon; Q Rail Car; R Other

If EPCRA, sign below:

Non-Waste Hazardous Materials Inventory Statement

For Use By Unidocs Member Agencies or where approved by your Local Jurisdiction

Date: 10/15/2002

Business Name: (Same as Facility Name/DBA)	**WJ Communications**	**Type of Report on This Page:** [x] Add; [ ] Delete; [ ] Revise;	**Page** 1 of 1 (One page per building area)
Chemical Location: (Building/Storage Area)	**AREA C** (Corrosives Bunker-BASE)	**EPCRA Confidential Location?** [ ] Yes [x] No **Trade Secret Information?** [ ] Yes [x] No	**Facility ID#** (Agency Use Only)

1 Haz. Class	2. Map/ Grid or LC	3. Common Name	Chemical Name	4. Hazardous Components (For mixtures only) % Wt.	EHS	CAS No.	5. Type and Physical State	6. Quantities Max. Daily	Average Daily	Lgst. Cont	7. Units	8. Storage Codes Pressure	Temp.	9. Hazard Categories
		Intentionally LEFT BLANK Cas No:			[ ]		[ ] pure [ ] mixture [ ] solid [ ] liquid [ ] gas	Curies:	Days on Site:	Storage Container	[ ] gal. [ ] lbs. [ ] cu.ft. [ ] tons	[ ] amb. [ ] > amb. [ ] < amb.	[ ] amb. [ ] > amb. [ ] < amb. [ ] cryo.	[ ] fire [ ] reactive [ ] pressure release [ ] acute health [ ] chronic health [ ] radioactive
		Intentionally LEFT BLANK Cas No:			[ ]		[ ] pure [ ] mixture [ ] solid [ ] liquid [ ] gas	Curies:	Days on Site:	Storage Container	[ ] gal. [ ] lbs. [ ] cu.ft. [ ] tons	[ ] amb. [ ] > amb. [ ] < amb.	[ ] amb. [ ] > amb. [ ] < amb. [ ] cryo.	[ ] fire [ ] reactive [ ] pressure release [ ] acute health [ ] chronic health [ ] radioactive
		Intentionally LEFT BLANK Cas No:			[ ]		[ ] pure [ ] mixture [ ] solid [ ] liquid [ ] gas	Curies:	Days on Site:	Storage Container	[ ] gal. [ ] lbs. [ ] cu.ft. [ ] tons	[ ] amb. [ ] > amb. [ ] < amb.	[ ] amb. [ ] > amb. [ ] < amb. [ ] cryo.	[ ] fire [ ] reactive [ ] pressure release [ ] acute health [ ] chronic health [ ] radioactive
		Intentionally LEFT BLANK Cas No:			[ ]		[ ] pure [ ] mixture [ ] solid [ ] liquid [ ] gas	Curies:	Days on Site:	Storage Container	[ ] gal. [ ] lbs. [ ] cu.ft. [ ] tons	[ ] amb. [ ] > amb. [ ] < amb.	[ ] amb. [ ] > amb. [ ] < amb. [ ] cryo.	[ ] fire [ ] reactive [ ] pressure release [ ] acute health [ ] chronic health [ ] radioactive
		Intentionally LEFT BLANK Cas No:			[ ]		[ ] pure [ ] mixture [ ] solid [ ] liquid [ ] gas	Curies:	Days on Site:	Storage Container	[ ] gal. [ ] lbs. [ ] cu.ft. [ ] tons	[ ] amb. [ ] > amb. [ ] < amb.	[ ] amb. [ ] > amb. [ ] < amb. [ ] cryo.	[ ] fire [ ] reactive [ ] pressure release [ ] acute health [ ] chronic health [ ] radioactive
		Intentionally LEFT BLANK Cas No:			[ ]		[ ] pure [ ] mixture [ ] solid [ ] liquid [ ] gas	Curies:	Days on Site:	Storage Container	[ ] gal. [ ] lbs. [ ] cu.ft. [ ] tons	[ ] amb. [ ] > amb. [ ] < amb.	[ ] amb. [ ] > amb. [ ] < amb. [ ] cryo.	[ ] fire [ ] reactive [ ] pressure release [ ] acute health [ ] chronic health [ ] radioactive

* Code Storage Type

Code	Storage Type	Code	Storage Type	Code	Storage Type	Code	Storage Type	Code	Storage Type	Code	Storage Type
A	Aboveground Tank	D	Steel Drum	G	Carboy	J	Bag	M	Glass Bottle or Jug	P	Tank Wagon
B	Belowground Tank	E	Plastic/Nonmetallic Drum	H	Silo	K	Box	N	Plastic Bottle or Jug	Q	Rail Car
C	Tank Inside Building	F	Can	I	Fiber Drum	L	Cylinder	O	Tote Bin	R	Tank Wagon

If EPCRA, sign below: _____

Date: 09/30/2004

Hazardous Waste Inventory Statement

For use by Unidocs Member Agencies or where approved by your Local Jurisdiction

Business Name: WJ Communications (Same as Facility Name or DBA)

Type of Report on This Page: ☐ Add; ☐ Delete; ☒ Revise

Page 2 of 2 (One page per building or area)

Chemical Location: Area C (Chemical Storage Bunker) (Building/Storage Area)

EPCRA Confidential Location? ☐ Yes; ☒ No

Trade Secret Information? ☐ Yes; ☒ No

Facility ID # (Agency Use Only)

1. Haz. Class	2. Map and Grid or Location Code	3. Waste Stream Name	4. Hazardous Components: Chemical Name	% Wt.	EHS	CAS No.	5. Type and Physical State	6. Quantities: Max. Daily	Average Daily	Largest Cont.	7. Annual Waste Amount	8. Units	9. Storage Codes: Storage Pressure	Storage Temp.	10. Hazard Categorie
		INTENTIONALLY LEFT BLANK			☐		☐ waste					☐ gallons ☐ pounds ☐ cu. feet ☐ tons	☐ ambient ☐ > amb. ☐ < amb.	☐ ambient ☐ > amb. ☐ < amb ☐ cryogenic	☐ fire ☐ reactive ☐ pressure rel ☐ acute heal ☐ chronic he ☐ radioactive
		Management Method: ☐ Shipped Off-site ☐ Recycled On-site ☐ Treated On-site			☐		☐ solid ☐ liquid ☐ gas	Curies: (If radioactive)	Days On Site:	Storage Container:*	State Waste Code:				
		INTENTIONALLY LEFT BLANK			☐		☐ waste					☐ gallons ☐ pounds ☐ cu. feet ☐ tons	☐ ambient ☐ > amb. ☐ < amb.	☐ ambient ☐ > amb. ☐ < amb. ☐ cryogenic	☐ fire ☐ reactive ☐ pressure rel ☐ acute health ☐ chronic hea ☐ radioactive
		Management Method: ☐ Shipped Off-site ☐ Recycled On-site ☐ Treated On-site			☐		☐ solid ☐ liquid ☐ gas	Curies: (If radioactive)	Days On Site:	Storage Container:*	State Waste Code:				
9	Chem Storage Bunker C	Arsenic Contaminated Lapping Slurry	Water	80	☐	7732-18-5	☒ waste	55	25	55	175	☒ gallons ☐ pounds ☐ cu. feet ☐ tons	☒ ambient ☐ > amb. ☐ < amb.	☒ ambient ☐ > amb. ☐ < amb. ☐ cryogenic	☐ fire ☐ reactive ☐ pressure rel ☒ acute health ☐ chronic hea ☐ radioactive
			Aluminum oxide	2.5	☐	1344-28-1									
		Management Method: ☒ Shipped Off-site ☐ Recycled On-site ☐ Treated On-site	Arsenic	>1	☐	7440-38-2	☐ solid ☒ liquid ☐ gas	Curies: (If radioactive)	Days On Site: 365	Storage Container:* E	State Waste Code: 721				
9	Chem Storage Bunker C	Lapping Slurry with Oil	Water	98	☐	7732-18-5	☒ waste	55	25	55	175	☒ gallons ☐ pounds ☐ cu. feet ☐ tons	☒ ambient ☐ > amb. ☐ < amb	☒ ambient ☐ > amb. ☐ < amb. ☐ cryogenic	☐ fire ☐ reactive ☐ pressure rel ☒ acute health ☐ chronic hea ☐ radioactive
			Aluminum oxide	2	☐										
		Management Method: ☒ Shipped Off-site ☐ Recycled On-site ☐ Treated On-site	Oil	15	☐		☐ solid ☒ liquid ☐ gas	Curies: (If radioactive)	Days On Site: 365	Storage Container:* E	State Waste Code: 133				
9	Chem Storage Bunker C	Lapping Slurry c/w Arsenic and Bleach	Water	99	☐	7732-18-5	☒ waste	55	25	55	175	☒ gallons ☐ pounds ☐ cu. feet ☐ tons	☒ ambient ☐ > amb. ☐ < amb.	☒ ambient ☐ > amb. ☐ < amb. ☐ cryogenic	☐ fire ☐ reactive ☐ pressure rel ☒ acute health ☐ chronic hea ☐ radioactive
			Silica	20	☐										
		Management Method: ☒ Shipped Off-site ☐ Recycled On-site ☐ Treated On-site	Sodium hypochlorite	1	☐	7681-52-9	☐ solid ☒ liquid ☐ gas	Curies: (If radioactive)	Days On Site: 365	Storage Container:* E	State Waste Code: 721				
			Gallium arsenide	>1	☐	1303-00-0									
		INTENTIONALLY LEFT BLANK			☐		☐ waste					☐ gallons ☐ pounds ☐ cu. feet ☐ tons	☐ ambient ☐ > amb. ☐ < amb.	☐ ambient ☐ > amb. ☐ < amb. ☐ cryogenic	☐ fire ☐ reactive ☐ pressure rel ☐ acute health ☐ chronic hea ☐ radioactive
		Management Method: ☐ Shipped Off-site ☐ Recycled On-site ☐ Treated On-site			☐		☐ solid ☐ liquid ☐ gas	Curies: (If radioactive)	Days On Site:	Storage Container:*	State Waste Code:				

* Storage Type Codes:

Code	Storage Type	Code	Storage Type	Code	Storage Type	Code	Storage Type	Code	Storage Type	Code	Storage Type
A	Aboveground Tank	D	Steel Drum	G	Carboy	J	Bag	M	Glass Bottle or Jug	P	Tank Wagon
B	Belowground Tank	E	Plastic/Nonmetallic Drum	H	Silo	K	Box	N	Plastic Bottle or Jug	Q	Rail Car
C	Tank Inside Building	F	Can	I	Fiber Drum	L	Cylinder	O	Tote Bin	R	Other

If EPCRA, sign below:

Date: 09/30/2004

Hazardous Waste Inventory Statement

For use by Unidocs Member Agencies or where approved by your Local Jurisdiction

Business Name: WJ Communications (Same as Facility Name or DBA)

Type of Report on This Page: ☐ Add; ☐ Delete; ☒ Revise

Page 1 of 2 (One page per building or area)

Chemical Location: Area C (Chemical Storage Bunker) (Building/Storage Area)

EPCRA Confidential Location? ☐ Yes; ☒ No

Trade Secret Information? ☐ Yes; ☒ No

Facility ID # (Agency Use Only)

1. Haz. Class	2. Map and Grid or Location Code	3. Waste Stream Name	4. Hazardous Components: Chemical Name	% Wt.	EHS	CAS No.	5. Type and Physical State	6. Quantities: Max. Daily	Average Daily	Largest Cont.	7. Annual Waste Amount	8. Units	9. Storage Codes: Storage Pressure	Storage Temp.	10. Hazard Categorie
5	Chem. Storage Bunker C	Waste Potassium Iodine Etchant Liquid	Potassium iodide	10	☐	7681-11-0	☒ waste	200	100	20	300	☒ gallons ☐ pounds ☐ cu. feet ☐ tons	☒ ambient ☐ > amb. ☐ < amb.	☒ ambient ☐ > amb. ☐ < amb. ☐ cryogenic	☐ fire ☐ reactive ☐ pressure rel ☒ acute healt ☐ chronic he. ☐ radioactive
			Iodine complex	42	☐	7553-562									
		Management Method: ☒ Shipped Off-site ☐ Recycled On-site ☐ Treated On-site	Water	bal	☐	7732-18-5	☐ solid ☒ liquid ☐ gas	Curies: (If radioactive)	Days On Site: 365	Storage Container:* E	State Waste Code: 135				
2	Chem. Storage Bunker C	Waste Aerosols - Non-Flammable	Dichlorpentafluoropropan	68	☐		☒ waste	110	55	55	480	☐ gallons ☒ pounds ☐ cu. feet ☐ tons	☒ ambient ☐ > amb. ☐ < amb.	☒ ambient ☐ > amb. ☐ < amb. ☐ cryogenic	☐ fire ☐ reactive ☒ pressure rel ☐ acute health ☐ chronic hea ☐ radioactive
			trans-Dichloroethylene	35	☐										
		Management Method: ☒ Shipped Off-site ☐ Recycled On-site ☐ Treated On-site			☐		☐ solid ☒ liquid ☐ gas	Curies: (If radioactive)	Days On Site: 365	Storage Container:* D	State Waste Code: 741				
	Chem. Storage Bunker C	Waste Gold Plating Solution			☐		☒ waste					☒ gallons ☐ pounds ☐ cu. feet ☐ tons	☒ ambient ☐ > amb. ☐ < amb.	☒ ambient ☐ > amb. ☐ < amb. ☐ cryogenic	☐ fire ☒ reactive ☐ pressure rel ☐ acute health ☒ chronic hea ☐ radioactive
					☐										
		Management Method: ☒ Shipped Off-site ☐ Recycled On-site ☐ Treated On-site			☐		☐ solid ☒ liquid ☐ gas	Curies: (If radioactive)	Days On Site: 365	Storage Container:* E	State Waste Code:				
9	Chem. Storage Bunker C	Debris Contaminated with Arsenic/Gallium	Gallium arsenide	10	☐	1303-00-0	☒ waste	120	80	40	2,740	☐ gallons ☒ pounds ☐ cu. feet ☐ tons	☒ ambient ☐ > amb. ☐ < amb.	☒ ambient ☐ > amb. ☐ < amb. ☐ cryogenic	☐ fire ☐ reactive ☐ pressure rel ☒ acute health ☒ chronic hea ☐ radioactive
			Debris	90	☐										
		Management Method: ☒ Shipped Off-site ☐ Recycled On-site ☐ Treated On-site			☐		☒ solid ☐ liquid ☐ gas	Curies: (If radioactive)	Days On Site: 365	Storage Container:* E	State Waste Code: 352				
9	Chem. Storage Bunker C	Hazardous Waste Solid N.O.S. 9 (Mercury)	Mercury Vapor Lamps	99	☐		☒ waste	50	20	50	100	☐ gallons ☒ pounds ☐ cu. feet ☐ tons	☒ ambient ☐ > amb. ☐ < amb.	☒ ambient ☐ > amb. ☐ < amb. ☐ cryogenic	☐ fire ☐ reactive ☐ pressure rel ☒ acute health ☐ chronic hea ☐ radioactive
			Mercury	>1	☐	7439-97-6									
		Management Method: ☒ Shipped Off-site ☐ Recycled On-site ☐ Treated On-site			☐		☒ solid ☐ liquid ☐ gas	Curies: (If radioactive)	Days On Site: 365	Storage Container:* E	State Waste Code: 181				
5	Chem. Storage Bunker C	Waste Oxidizing Liquid containing Iodine / KI	Potassium iodide	10	☐	7681-11-0	☒ waste	200	100	20	250	☐ gallons ☒ pounds ☐ cu. feet ☐ tons	☒ ambient ☐ > amb. ☐ < amb.	☒ ambient ☐ > amb. ☐ < amb. ☐ cryogenic	☒ fire ☐ reactive ☐ pressure rel ☒ acute health ☐ chronic hea ☐ radioactive
			Iodine complex	42	☐	7553-562									
		Management Method: ☒ Shipped Off-site ☐ Recycled On-site ☐ Treated On-site	Isopropyl alcohol	80	☐	67-63-0	☐ solid ☒ liquid ☐ gas	Curies: (If radioactive)	Days On Site: 365	Storage Container:* E	State Waste Code: 792				
			Water	bal	☐	7732-18-5									

* Storage Container Codes

Code	Storage Type	Code	Storage Type	Code	Storage Type	Code	Storage Type	Code	Storage Type	Code	Storage Type
A	Aboveground Tank	D	Steel Drum	G	Carboy	J	Bag	M	Glass Bottle or Jug	P	Tank Wagon
B	Belowground Tank	E	Plastic/Nonmetallic Drum	H	Silo	K	Box	N	Plastic Bottle or Jug	Q	Rail Car
C	Tank Inside Building	F	Can	I	Fiber Drum	L	Cylinder	O	Tote Bin	R	Other

If EPCRA, sign below:

Non-Waste Hazardous Materials Inventory Statement

For Use By Unidocs Member Agencies or where approved by your Local Jurisdiction

Date: 10/8/2004

Business Name: (Same as Facility Name/DBA)	**WJ Communications**	**Type of Report on This Page:** ☐ Add; ☐ Delete; ☒ Revise;	**Page** 1 of 5 (One page per building area)
Chemical Location: (Building/Storage Area)	**AREA E** (East Equipment Pad)	**EPCRA Confidential Location?** ☐ Yes ☒ No **Trade Secret Information?** ☐ Yes ☒ No	**Facility ID#** (Agency Use Only)

1. Haz. Class	2. Map/ Grid or LC	3. Common Name / Cas No. / EHS	4. Hazardous Components (For mixtures only) Chemical Name	% Wt.	EHS	CAS No.	5. Type and Physical State	6. Quantities Max. Daily / Average Daily / Lgst. Cont / Units	7.	8. Storage Codes Pressure / Temp.	9. Hazard Categories
CORg FLG TOXg	NH3 Gas Cabinet	**Ammonia** Cas No: 7664-41-7 ☒ EHS			☐		☒ pure ☐ mixture ☐ solid ☐ liquid ☒ gas	49 / 49 / 49 Curies: Days on Site: 365 Storage Container L	☐ gal. ☒ lbs. ☐ cu.ft. ☐ tons	☐ amb. ☒ > amb. ☐ < amb. / ☒ amb. ☐ > amb. ☐ < amb. ☐ cryo.	☒ fire ☐ reactive ☒ pressure release ☒ acute health ☐ chronic health ☐ radioactive
NFG	NH3 Gas Cabinet	**Nitrogen** Cas No: 7717-37-9 ☐ EHS			☐		☒ pure ☐ mixture ☐ solid ☐ liquid ☒ gas	228 / 228 / 228 Curies: Days on Site: 365 Storage Container L	☐ gal. ☐ lbs. ☒ cu.ft. ☐ tons	☐ amb. ☒ > amb. ☐ < amb. / ☒ amb. ☐ > amb. ☐ < amb. ☐ cryo.	☐ fire ☐ reactive ☒ pressure release ☐ acute health ☐ chronic health ☐ radioactive
CORg TOXg	STORAGE Gas Cabinet	**Ammonia 10% in Nitrogen** Cas No: ☐ EHS	Ammonia Nitrogen	10 90	☐	7727-37-0 7727-37-9	☐ pure ☒ mixture ☐ solid ☐ liquid ☒ gas	260 / 260 / 260 Curies: Days on Site: 365 Storage Container L	☐ gal. ☐ lbs. ☒ cu.ft. ☐ tons	☐ amb. ☒ > amb. ☐ < amb. / ☒ amb. ☐ > amb. ☐ < amb. ☐ cryo.	☐ fire ☐ reactive ☒ pressure release ☒ acute health ☐ chronic health ☐ radioactive
NFG	STORAGE Gas Cabinet	**Helium** Cas No: 7440-59-7 ☐ EHS			☐		☒ pure ☐ mixture ☐ solid ☐ liquid ☒ gas	100 / 100 / 100 Curies: Days on Site: 365 Storage Container L	☐ gal. ☐ lbs. ☒ cu.ft. ☐ tons	☐ amb. ☒ > amb. ☐ < amb. / ☒ amb. ☐ > amb. ☐ < amb. ☐ cryo.	☐ fire ☐ reactive ☒ pressure release ☐ acute health ☐ chronic health ☐ radioactive
FLG TOXg	STORAGE Gas Cabinet	**Arsine 2% in Hydrogen** Cas No: ☒ EHS	Arsine Hydrogen	2 98	☐	7784-42-1 1333-74-0	☐ pure ☒ mixture ☐ solid ☐ liquid ☒ gas	520 / 520 / 260 Curies: Days on Site: 365 Storage Container L	☐ gal. ☐ lbs. ☒ cu.ft. ☐ tons	☐ amb. ☒ > amb. ☐ < amb. / ☒ amb. ☐ > amb. ☐ < amb. ☐ cryo.	☒ fire ☐ reactive ☒ pressure release ☒ acute health ☐ chronic health ☐ radioactive
NFG	STORAGE Gas Cabinet	**Helium** Cas No: 7440-59-7 ☐ EHS			☐		☒ pure ☐ mixture ☐ solid ☐ liquid ☒ gas	291 / 291 / 291 Curies: Days on Site: 365 Storage Container N	☒ gal. ☐ lbs. ☐ cu.ft. ☐ tons	☐ amb. ☒ > amb. ☐ < amb. / ☒ amb. ☐ > amb. ☐ < amb. ☐ cryo.	☐ fire ☐ reactive ☒ pressure release ☐ acute health ☐ chronic health ☐ radioactive
		INTENTIONALLY LEFT BLANK Cas No: ☐ EHS			☐		☐ pure ☐ mixture ☐ solid ☐ liquid ☐ gas	Curies: Days on Site: Storage Container	☐ gal. ☐ lbs. ☐ cu.ft. ☐ tons	☐ amb. ☐ > amb. ☐ < amb. / ☐ amb. ☐ > amb. ☐ < amb. ☐ cryo.	☐ fire ☐ reactive ☐ pressure release ☐ acute health ☐ chronic health ☐ radioactive

* Code — Storage Type

Code	Storage Type	Code	Storage Type	Code	Storage Type	Code	Storage Type	Code	Storage Type	Code	Storage Type
A	Aboveground Tank	D	Steel Drum	G	Carboy	J	Bag	M	Glass Bottle or Jug	P	Tank Wagon
B	Belowground Tank	E	Plastic/Nonmetallic Drum	H	Silo	K	Box	N	Plastic Bottle or Jug	Q	Rail Car
C	Tank Inside Building	F	Can	I	Fiber Drum	L	Cylinder	O	Tote Bin	R	Tank Wagon

If EPCRA, sign below: _____

Non-Waste Hazardous Materials Inventory Statement

For Use By Unidocs Member Agencies or where approved by your Local Jurisdiction

Date: 1/15/2002

Business Name: (Same as Facility Name/DBA)	**WJ Communications**	**Type of Report on This Page:** ☐ Add; ☐ Delete; ☐ Revise;	**Page** 1 of 1 (One page per building area)
Chemical Location: (Building/Storage Area)	**AREA D (Outside Storage)**	**EPCRA Confidential Location?** ☐ Yes ☐ No **Trade Secret Information?** ☐ Yes ☐ No	**Facility ID#** (Agency Use Only)

1 Haz. Class	2. Map/ Grid or LC	3. Common Name / Chemical Name / CAS No. / EHS	4. Hazardous Components (For mixtures only) % Wt.	5. Type and Physical State	6. Quantities: Max. Daily / Average Daily / Lgst. Cont / Units	7.	8. Storage Codes: Pressure / Temp.	9. Hazard Categories
		Non-Hazardous Items ONLY Cas No: ☐ EHS		☐ pure ☐ mixture ☐ solid ☐ liquid ☐ gas	Curies: / Days on Site: / Storage Container	☐ gal. ☐ lbs. ☐ cu.ft. ☐ tons	☐ amb. ☐ > amb. ☐ < amb. / ☐ amb. ☐ > amb. ☐ < amb. ☐ cryo.	☐ fire ☐ reactive ☐ pressure release ☐ acute health ☐ chronic health ☐ radioactive
		Cas No: ☐ EHS		☐ pure ☐ mixture ☐ solid ☐ liquid ☐ gas	Curies: / Days on Site: / Storage Container	☐ gal. ☐ lbs. ☐ cu.ft. ☐ tons	☐ amb. ☐ > amb. ☐ < amb. / ☐ amb. ☐ > amb. ☐ < amb. ☐ cryo.	☐ fire ☐ reactive ☐ pressure release ☐ acute health ☐ chronic health ☐ radioactive
		Cas No: ☐ EHS		☐ pure ☐ mixture ☐ solid ☐ liquid ☐ gas	150 / Curies: / Days on Site: / Storage Container	☐ gal. ☐ lbs. ☐ cu.ft. ☐ tons	☐ amb. ☐ > amb. ☐ < amb. / ☐ amb. ☐ > amb. ☐ < amb. ☐ cryo.	☐ fire ☐ reactive ☐ pressure release ☐ acute health ☐ chronic health ☐ radioactive
		Cas No: ☐ EHS		☐ pure ☐ mixture ☐ solid ☐ liquid ☐ gas	Curies: / Days on Site: 365 / Storage Container	☐ gal. ☐ lbs. ☐ cu.ft. ☐ tons	☐ amb. ☐ > amb. ☐ < amb. / ☐ amb. ☐ > amb. ☐ < amb. ☐ cryo.	☐ fire ☐ reactive ☐ pressure release ☐ acute health ☐ chronic health ☐ radioactive
		Cas No: ☐ EHS		☐ pure ☐ mixture ☐ solid ☐ liquid ☐ gas	Curies: / Days on Site: 365 / Storage Container	☐ gal. ☐ lbs. ☐ cu.ft. ☐ tons	☐ amb. ☐ > amb. ☐ < amb. / ☐ amb. ☐ > amb. ☐ < amb. ☐ cryo.	☐ fire ☐ reactive ☐ pressure release ☐ acute health ☐ chronic health ☐ radioactive
		Cas No: ☐ EHS		☐ pure ☐ mixture ☐ solid ☐ liquid ☐ gas	Curies: / Days on Site: 365 / Storage Container	☐ gal. ☐ lbs. ☐ cu.ft. ☐ tons	☐ amb. ☐ > amb. ☐ < amb. / ☐ amb. ☐ > amb. ☐ < amb. ☐ cryo.	☐ fire ☐ reactive ☐ pressure release ☐ acute health ☐ chronic health ☐ radioactive

* Code Storage Type

Code	Storage Type	Code	Storage Type	Code	Storage Type	Code	Storage Type	Code	Storage Type
A	Aboveground Tank	D	Steel Drum	G	Carboy	J	Bag	M	Glass Bottle or Jug
B	Belowground Tank	E	Plastic/Nonmetallic Drum	H	Silo	K	Box	N	Plastic Bottle or Jug
C	Tank Inside Building	F	Can	I	Fiber Drum	L	Cylinder	O	Tote Bin

Code	Storage Type
P	Tank Wagon
Q	Rail Car
R	Tank Wagon

If EPCRA, sign below: _____

Non-Waste Hazardous Materials Inventory Statement

For Use By Unidocs Member Agencies or where approved by your Local Jurisdiction

Date: 10/8/2004

Business Name: (Same as Facility Name/DBA)	**WJ Communications**	**Type of Report on This Page:** ☐ Add; ☐ Delete; ☒ Revise;	**Page** 2 of 5 (One page per building area)
Chemical Location: (Building/Storage Area)	**AREA E** (East Equipment Pad)	**EPCRA Confidential Location?** ☐ Yes ☒ No **Trade Secret Information?** ☐ Yes ☒ No	**Facility ID#** (Agency Use Only)

1 Haz. Class	2. Map/ Grid or LC	3. Common Name	4. Hazardous Components (For mixtures only) Chemical Name	% Wt.	EHS	CAS No.	5. Type and Physical State	6. Quantities Max. Daily / Average Daily / Lgst. Cont	7. Units	8. Storage Codes Pressure	Temp.	9. Hazard Categories
OXG West Wall		**Oxygen** Cas No: 7782-44-7			☐		☒ pure ☐ mixture ☐ solid ☐ liquid ☒ gas	500 / 500 / 250 Curies: / Days on Site: 365 / Storage Container L	☐ gal. ☐ lbs. ☒ cu.ft. ☐ tons	☐ amb. ☒ > amb. ☐ < amb.	☒ amb. ☐ > amb. ☐ < amb. ☐ cryo.	☒ fire ☐ reactive ☒ pressure release ☐ acute health ☐ chronic health ☐ radioactive
OXG TOXg CORg	CL2 Gas Cabinet	**Chlorine** Cas No: 7782-50-5			☒		☒ pure ☐ mixture ☐ solid ☐ liquid ☒ gas	15 / 15 / 15 Curies: / Days on Site: 365 / Storage Container L	☐ gal. ☒ lbs. ☐ cu.ft. ☐ tons	☐ amb. ☒ > amb. ☐ < amb.	☒ amb. ☐ > amb. ☐ < amb. ☐ cryo.	☐ fire ☒ reactive ☒ pressure release ☒ acute health ☐ chronic health ☐ radioactive
NFG	CL2 Gas Cabinet	**Nitrogen** Cas No: 7717-37-9			☐		☒ pure ☐ mixture ☐ solid ☐ liquid ☒ gas	304 / 304 / 304 Curies: / Days on Site: 365 / Storage Container L	☐ gal. ☐ lbs. ☒ cu.ft. ☐ tons	☐ amb. ☒ > amb. ☐ < amb.	☒ amb. ☐ > amb. ☐ < amb. ☐ cryo.	☐ fire ☐ reactive ☒ pressure release ☐ acute health ☐ chronic health ☐ radioactive
NFG West Wall		**Argon** Cas No: 7440-37-1			☐		☒ pure ☐ mixture ☐ solid ☐ liquid ☒ gas	560 / 560 / 280 Curies: / Days on Site: 365 / Storage Container L	☐ gal. ☐ lbs. ☒ cu.ft. ☐ tons	☐ amb. ☒ > amb. ☐ < amb.	☒ amb. ☐ > amb. ☐ < amb. ☐ cryo.	☐ fire ☐ reactive ☒ pressure release ☒ acute health ☐ chronic health ☐ radioactive
FLG TOXg	ARSINE Gas Cabinet	**Arsine 2% in Hydrogen** Cas No: ☒ EHS	Arsine / Hydrogen	2 / 98	☐	7784-42-1 / 1333-74-0	☐ pure ☒ mixture ☐ solid ☐ liquid ☒ gas	520 / 520 / 260 Curies: / Days on Site: 365 / Storage Container L	☐ gal. ☐ lbs. ☒ cu.ft. ☐ tons	☐ amb. ☒ > amb. ☐ < amb.	☒ amb. ☐ > amb. ☐ < amb. ☐ cryo.	☐ fire ☐ reactive ☒ pressure release ☒ acute health ☐ chronic health ☐ radioactive
NFG	ARSINE Gas Cabinet	**Helium** Cas No: 7440-59-7			☐		☒ pure ☐ mixture ☐ solid ☐ liquid ☒ gas	291 / 291 / 291 Curies: / Days on Site: 365 / Storage Container N	☒ gal. ☐ lbs. ☐ cu.ft. ☐ tons	☐ amb. ☒ > amb. ☐ < amb.	☒ amb. ☐ > amb. ☐ < amb. ☐ cryo.	☐ fire ☐ reactive ☒ pressure release ☐ acute health ☐ chronic health ☐ radioactive
		INTENTIONALLY LEFT BLANK Cas No: ☐ EHS			☐		☐ pure ☐ mixture ☐ solid ☐ liquid ☐ gas	Curies: / Days on Site: / Storage Container	☐ gal. ☐ lbs. ☐ cu.ft. ☐ tons	☐ amb. ☐ > amb. ☐ < amb.	☐ amb. ☐ > amb. ☐ < amb. ☐ cryo.	☐ fire ☐ reactive ☐ pressure release ☐ acute health ☐ chronic health ☐ radioactive

* Code Storage Type

Code	Storage Type	Code	Storage Type	Code	Storage Type	Code	Storage Type	Code	Storage Type	Code	Storage Type
A	Aboveground Tank	D	Steel Drum	G	Carboy	J	Bag	M	Glass Bottle or Jug	P	Tank Wagon
B	Belowground Tank	E	Plastic/Nonmetallic Drum	H	Silo	K	Box	N	Plastic Bottle or Jug	Q	Rail Car
C	Tank Inside Building	F	Can	I	Fiber Drum	L	Cylinder	O	Tote Bin	R	Tank Wagon

If EPCRA, sign below: _____

Non-Waste Hazardous Materials Inventory Statement

For Use By Unidocs Member Agencies or where approved by your Local Jurisdiction

Date: 10/8/2004

Business Name: (Same as Facility Name/DBA)	**WJ Communications**	**Type of Report on This Page:** ☐ Add; ☐ Delete; ☒ Revise;	**Page** 3 of 5 (One page per building area)
Chemical Location: (Building/Storage Area)	**AREA E** (East Equipment Pad)	**EPCRA Confidential Location?** ☐ Yes ☒ No **Trade Secret Information?** ☐ Yes ☒ No	**Facility ID#** (Agency Use Only)

1	2.	3.	4. Hazardous Components (For mixtures only)				5.	6. Quantities			7.	8. Storage Codes		9.
Haz. Class	Map/ Grid or LC	Common Name	Chemical Name	% Wt.	EHS	CAS No.	Type and Physical State	Max. Daily	Average Daily	Lgst. Cont	Units	Pressure	Temp.	Hazard Categories
TOXg	Silane Gas Cabinet	**Silane 2% in Nitrogen** Cas No: ☐ EHS	Silane Nitrogen	2 98	☐ ☐	7803-62-5 7717-37-9	☐ pure ☒ mixture ☐ solid ☐ liquid ☒ gas	255 Curies:	255 Days on Site: 365	255 Storage Container L	☐ gal. ☐ lbs. ☒ cu.ft. ☐ tons	☐ amb. ☒ > amb. ☐ < amb.	☒ amb. ☐ > amb. ☐ < amb. ☐ cryo.	☐ fire ☐ reactive ☒ pressure release ☒ acute health ☐ chronic health ☐ radioactive
CORg TOXg	Silane Gas Cabinet	**Ammonia 10% in Nitrogen** Cas No: ☐ EHS	Ammonia Nitrogen	10 90	☐ ☐	7664-41-7 7717-37-9	☐ pure ☒ mixture ☐ solid ☐ liquid ☒ gas	69 Curies:	69 Days on Site: 365	69 Storage Container L	☐ gal. ☐ lbs. ☒ cu.ft. ☐ tons	☐ amb. ☒ > amb. ☐ < amb.	☒ amb. ☐ > amb. ☐ < amb. ☐ cryo.	☐ fire ☐ reactive ☒ pressure release ☒ acute health ☐ chronic health ☐ radioactive
NFG	Silane Gas Cabinet	**Helium** Cas No: ☐ EHS 7440-59-7			☐		☐ pure ☒ mixture ☐ solid ☐ liquid ☒ gas	291 Curies:	291 Days on Site: 365	291 Storage Container L	☐ gal. ☐ lbs. ☒ cu.ft. ☐ tons	☐ amb. ☒ > amb. ☐ < amb.	☒ amb. ☐ > amb. ☐ < amb. ☐ cryo.	☐ fire ☐ reactive ☒ pressure release ☐ acute health ☐ chronic health ☐ radioactive
CORg TOXg	BCl2 Gas Cabinet	**Boron Trichloride** Cas No: ☒ EHS 10294-34-5			☐		☒ pure ☐ mixture ☐ solid ☒ liquid ☒ gas	20 Curies:	20 Days on Site:	10 Storage Container L	☐ gal. ☒ lbs. ☐ cu.ft. ☐ tons	☐ amb. ☒ > amb. ☐ < amb.	☒ amb. ☒ > amb. ☐ < amb. ☐ cryo.	☐ fire ☐ reactive ☒ pressure release ☒ acute health ☐ chronic health ☐ radioactive
NFG	BCl2 Gas Cabinet	**Nitrogen** Cas No: ☐ EHS 7717-37-9			☐		☒ pure ☐ mixture ☐ solid ☐ liquid ☒ gas	1,275 Curies:	765 Days on Site: 365	196 Storage Container L	☐ gal. ☐ lbs. ☒ cu.ft. ☐ tons	☐ amb. ☒ > amb. ☐ < amb.	☒ amb. ☐ > amb. ☐ < amb. ☐ cryo.	☐ fire ☐ reactive ☒ pressure release ☒ acute health ☐ chronic health ☐ radioactive
PYRO	Silane Gas Cabinet	**Silane, 100%** Cas No: ☐ EHS 7803-62-5			☐		☒ pure ☐ mixture ☐ solid ☐ liquid ☒ gas	300 Curies:	300 Days on Site: 365	300 Storage Container L	☐ gal. ☐ lbs. ☒ cu.ft. ☐ tons	☐ amb. ☒ > amb. ☐ < amb.	☒ amb. ☐ > amb. ☐ < amb. ☐ cryo.	☒ fire ☐ reactive ☒ pressure release ☒ acute health ☐ chronic health ☐ radioactive
FLG TOXg	Silane Gas Cabinet	**Ammonia, Anhydrous,100%** Cas No: ☐ EHS 7664-41-7			☐		☒ pure ☐ mixture ☐ solid ☐ liquid ☒ gas	300 Curies:	300 Days on Site: 365	300 Storage Container L	☐ gal. ☐ lbs. ☒ cu.ft. ☐ tons	☐ amb. ☒ > amb. ☐ < amb.	☒ amb. ☐ > amb. ☐ < amb. ☐ cryo.	☒ fire ☐ reactive ☒ pressure release ☒ acute health ☐ chronic health ☐ radioactive

* Code Storage Type

Code	Storage Type	Code	Storage Type	Code	Storage Type	Code	Storage Type	Code	Storage Type	Code	Storage Type
A	Aboveground Tank	D	Steel Drum	G	Carboy	J	Bag	M	Glass Bottle or Jug	P	Tank Wagon
B	Belowground Tank	E	Plastic/Nonmetallic Drum	H	Silo	K	Box	N	Plastic Bottle or Jug	Q	Rail Car
C	Tank Inside Building	F	Can	I	Fiber Drum	L	Cylinder	O	Tote Bin	R	Tank Wagon

If EPCRA, sign below: _____

Non-Waste Hazardous Materials Inventory Statement

For Use By Unidocs Member Agencies or where approved by your Local Jurisdiction

Date: 10/8/2004

Business Name: (Same as Facility Name/DBA)	**WJ Communications**	**Type of Report on This Page:** ☐ Add; ☐ Delete; ☒ Revise;	**Page** 4 of 5 (One page per building area)
Chemical Location: (Building/Storage Area)	**AREA E** (East Equipment Pad)	**EPCRA Confidential Location?** ☐ Yes ☒ No **Trade Secret Information?** ☐ Yes ☒ No	**Facility ID#** (Agency Use Only)

1 Haz. Class	2. Map/ Grid or LC	3. Common Name	Chemical Name	4. Hazardous Components (For mixtures only) % Wt.	EHS	CAS No.	5. Type and Physical State	6. Quantities Max. Daily	Average Daily	Lgst. Cont	7. Units	8. Storage Codes Pressure	Temp.	9. Hazard Categories
COR	Cooling Tower Water Treat.	**HyCycle 125** Cas No: ☐EHS 7782-44-7	Sodium hydroxide Water	25 75	☐ ☐		☐ pure ☒ mixture ☐ solid ☒ liquid ☐ gas	55 Curies:	55 Days on Site: 365	55 Storage Container E	☒ gal. ☐ lbs. ☐ cu.ft. ☐ tons	☒ amb. ☐ > amb. ☐ < amb.	☒ amb. ☐ > amb. ☐ < amb. ☐ cryo.	☐ fire ☐ reactive ☐ pressure release ☒ acute health ☐ chronic health ☐ radioactive
TOX	Scrubber	**MICROBIOCIDE #4 or SKASOL MB-4** Cas No: ☒EHS 7782-50-5	Gluteraldehyde Not Discolosed in MSDS	<20 >80	☐ ☐		☐ pure ☒ mixture ☐ solid ☒ liquid ☐ gas	30 Curies:	30 Days on Site: 365	30 Storage Container N	☒ gal. ☐ lbs. ☐ cu.ft. ☐ tons	☒ amb. ☐ > amb. ☐ < amb.	☒ amb. ☐ > amb. ☐ < amb. ☐ cryo.	☐ fire ☐ reactive ☐ pressure release ☒ acute health ☐ chronic health ☐ radioactive
OXY	Scrubber	**SKASABROM** Cas No: ☐EHS	Bromo,chloro-5,5-dimethyldantoin	99.9	☐	32718-18-6	☒ pure ☐ mixture ☐ solid ☒ liquid ☐ gas	55 Curies:	55 Days on Site: 365	55 Storage Container E	☒ gal. ☐ lbs. ☐ cu.ft. ☐ tons	☒ amb. ☐ > amb. ☐ < amb.	☒ amb. ☐ > amb. ☐ < amb. ☐ cryo.	☐ fire ☐ reactive ☐ pressure release ☒ acute health ☐ chronic health ☐ radioactive
COR	Cooling Tower Water Treat.	**HiCycle 125** Cas No: ☐EHS	Sodium hydroxide Water	25 75	☐ ☐	1310-73-2 7732-15-5	☐ pure ☒ mixture ☐ solid ☒ liquid ☐ gas	55 Curies:	55 Days on Site: 365	55 Storage Container E	☒ gal. ☐ lbs. ☐ cu.ft. ☐ tons	☒ amb. ☐ > amb. ☐ < amb.	☒ amb. ☐ > amb. ☐ < amb. ☐ cryo.	☐ fire ☐ reactive ☐ pressure release ☒ acute health ☐ chronic health ☐ radioactive
TOX	Cooling Tower Water Treat.	**SKASOL MB-6** Cas No: ☐EHS	2,2-Dibromo-3-nitropropionamide Water	20 80	☐ ☐	010222-01-2 7732-15-5	☐ pure ☒ mixture ☐ solid ☒ liquid ☐ gas	20 Curies:	20 Days on Site: 365	40 Storage Container N	☒ gal. ☐ lbs. ☐ cu.ft. ☐ tons	☒ amb. ☐ > amb. ☐ < amb.	☒ amb. ☐ > amb. ☐ < amb. ☐ cryo.	☐ fire ☐ reactive ☐ pressure release ☒ acute health ☐ chronic health ☐ radioactive
		INTENTIONALLY LEFT BLANK Cas No: ☐EHS			☐		☐ pure ☐ mixture ☐ solid ☐ liquid ☐ gas	Curies:	Days on Site:	Storage Container	☐ gal. ☐ lbs. ☐ cu.ft. ☐ tons	☐ amb. ☐ > amb. ☐ < amb.	☐ amb. ☐ > amb. ☐ < amb. ☐ cryo.	☐ fire ☐ reactive ☐ pressure release ☐ acute health ☐ chronic health ☐ radioactive
		INTENTIONALLY LEFT BLANK Cas No: ☐EHS			☐		☐ pure ☐ mixture ☐ solid ☒ liquid ☐ gas	Curies:	Days on Site:	Storage Container	☐ gal. ☐ lbs. ☐ cu.ft. ☐ tons	☐ amb. ☐ > amb. ☐ < amb.	☐ amb. ☐ > amb. ☐ < amb. ☐ cryo.	☐ fire ☐ reactive ☐ pressure release ☐ acute health ☐ chronic health ☐ radioactive

* Code Storage Type

Code	Storage Type	Code	Storage Type	Code	Storage Type	Code	Storage Type	Code	Storage Type	Code	Storage Type
A	Aboveground Tank	D	Steel Drum	G	Carboy	J	Bag	M	Glass Bottle or Jug	P	Tank Wagon
B	Belowground Tank	E	Plastic/Nonmetallic Drum	H	Silo	K	Box	N	Plastic Bottle or Jug	Q	Rail Car
C	Tank Inside Building	F	Can	I	Fiber Drum	L	Cylinder	O	Tote Bin	R	Tank Wagon

If EPCRA, sign below: _____

Non-Waste Hazardous Materials Inventory Statement

For Use By Unidocs Member Agencies or where approved by your Local Jurisdiction

Date: 10/8/2004

Business Name: (Same as Facility Name/DBA)	**WJ Communications**	**Type of Report on This Page:** ☐ Add; ☐ Delete; ☒ Revise;	**Page** 5 of 5 (One page per building area)
Chemical Location: (Building/Storage Area)	**AREA E** (East Equipment Pad)	**EPCRA Confidential Location?** ☐ Yes ☒ No **Trade Secret Information?** ☐ Yes ☒ No	**Facility ID#** (Agency Use Only)

1 Haz. Class	2. Map/ Grid or I.C	3. Common Name	4. Hazardous Components (For mixtures only) Chemical Name	% Wt.	EHS	CAS No.	5. Type and Physical State	6. Quantities Max. Daily	Average Daily	Lgst. Cont	7. Units	8. Storage Codes Pressure	Temp.	9. Hazard Categories
COR	Scrubber #1 Water Treat.	**SKASOL 4005** Cas No: ☐ EHS	2-Phosphonobutane-1,2,4-tricarboxilic acid Not disclosed	- <20 >80	☐ ☐ ☐		☐ pure ☒ mixture ☐ solid ☒ liquid ☐ gas	30 Curies:	30 Days on Site: 365	30 Storage Container N	☒ gal. ☐ lbs. ☐ cu.ft. ☐ tons	☒ amb. ☐ > amb. ☐ < amb.	☒ amb. ☐ > amb. ☐ < amb. ☐ cryo.	☐ fire ☐ reactive ☐ pressure release ☒ acute health ☐ chronic health ☐ radioactive
COR	Cooling Tower Water Treat.	**SKASOL 6000** Cas No: ☐ EHS	Sodium nitrite Sodium hydroxide Not disclosed	<20 <5 75	☐ ☐ ☐	7632-00-0 1310-73-2	☐ pure ☒ mixture ☐ solid ☒ liquid ☐ gas	30 Curies:	30 Days on Site: 365	30 Storage Container N	☒ gal. ☐ lbs. ☐ cu.ft. ☐ tons	☒ amb. ☐ > amb. ☐ < amb.	☒ amb. ☐ > amb. ☐ < amb. ☐ cryo.	☐ fire ☐ reactive ☐ pressure release ☒ acute health ☐ chronic health ☐ radioactive
COR TOX WR3	Waste Treat. System	**Sulfuric Acid** Cas No: ☐ EHS 7664-93-9			☐ ☐ ☐		☐ pure ☒ mixture ☐ solid ☒ liquid ☐ gas	300 Curies:	200 Days on Site: 365	300 Storage Container E	☐ gal. ☒ lbs. ☐ cu.ft. ☐ tons	☒ amb. ☐ > amb. ☐ < amb.	☒ amb. ☐ > amb. ☐ < amb. ☐ cryo.	☐ fire ☒ reactive ☐ pressure release ☐ acute health ☒ chronic health ☐ radioactive
CL	250 KW Emerg. Genset	**Diesel Fuel No. 2** Cas No: ☐ EHS	Mixture of distillate cracked hydrocarbons	100	☐ ☐ ☐	Not Given	☐ pure ☒ mixture ☐ solid ☒ liquid ☐ gas	400 Curies:	400 Days on Site: 365	400 Storage Container A	☒ gal. ☐ lbs. ☐ cu.ft. ☐ tons	☒ amb. ☐ > amb. ☐ < amb.	☒ amb. ☐ > amb. ☐ < amb. ☐ cryo.	☒ fire ☐ reactive ☐ pressure release ☐ acute health ☐ chronic health ☐ radioactive
		INTENTIONALLY LEFT BLANK Cas No: ☐ EHS			☐ ☐ ☐		☐ pure ☐ mixture ☐ solid ☐ liquid ☐ gas	Curies:	Days on Site:	Storage Container	☐ gal. ☐ lbs. ☐ cu.ft. ☐ tons	☐ amb. ☐ > amb. ☐ < amb.	☐ amb. ☐ > amb. ☐ < amb. ☐ cryo.	☐ fire ☐ reactive ☐ pressure release ☐ acute health ☐ chronic health ☐ radioactive
		INTENTIONALLY LEFT BLANK Cas No: ☐ EHS			☐ ☐ ☐		☐ pure ☐ mixture ☐ solid ☐ liquid ☐ gas	Curies:	Days on Site:	Storage Container	☐ gal. ☐ lbs. ☐ cu.ft. ☐ tons	☐ amb. ☐ > amb. ☐ < amb.	☐ amb. ☐ > amb. ☐ < amb. ☐ cryo.	☐ fire ☐ reactive ☐ pressure release ☐ acute health ☐ chronic health ☐ radioactive

* Storage Type codes:

Code	Storage Type	Code	Storage Type	Code	Storage Type	Code	Storage Type	Code	Storage Type	Code	Storage Type
A	Aboveground Tank	D	Steel Drum	G	Carboy	J	Bag	M	Glass Bottle or Jug	P	Tank Wagon
B	Belowground Tank	E	Plastic/Nonmetallic Drum	H	Silo	K	Box	N	Plastic Bottle or Jug	Q	Rail Car
C	Tank Inside Building	F	Can	I	Fiber Drum	L	Cylinder	O	Tote Bin	R	Tank Wagon

If EPCRA, sign below: _____

Date: 11/02/2004

Hazardous Waste Inventory Statement

For use by Unidocs Member Agencies or where approved by your Local Jurisdiction

Business Name: WJ Communications, Inc.
(Same as Facility Name or DBA)

Type of Report on This Page: ☒ Add; ☐ Delete; ☐ Revise

Page 1 of 1
(One page per building or area)

Chemical Location: Area E - Equipment Pad
(Building/Storage Area)

EPCRA Confidential Location? ☐ Yes; ☒ No
Trade Secret Information? ☐ Yes; ☒ No

Facility ID # (Agency Use Only)

1. Haz. Class	2. Map and Grid or Location Code	3. Waste Stream Name	4. Hazardous Components: Chemical Name	% Wt.	EHS	CAS No.	5. Type and Physical State	6. Quantities: Max. Daily	Average Daily	Largest Cont.	7. Annual Waste Amount	8. Units	9. Storage Codes: Storage Pressure	Storage Temp.	10. Hazard Categori
	Room	No Waste Materials are Stored in this AREA			☐		☐ waste					☐ gallons ☐ pounds ☐ cu. feet ☐ tons	☐ ambient ☐ > amb. ☐ < amb.	☐ ambient ☐ > amb. ☐ < amb. ☐ cryogenic	☐ fire ☐ reactive ☐ pressure r ☐ acute hea ☐ chronic h ☐ radioactiv
		Management Method: ☐ Shipped Off-site ☐ Recycled On-site ☐ Treated On-site			☐		☐ solid ☐ liquid ☐ gas	Curies: (If radioactive)	Days On Site:	Storage Container:*	State Waste Code:				
					☐		☐ waste					☐ gallons ☐ pounds ☐ cu. feet ☐ tons	☐ ambient ☐ > amb. ☐ < amb.	☐ ambient ☐ > amb. ☐ < amb. ☐ cryogenic	☐ fire ☐ reactive ☐ pressure r ☐ acute heal ☐ chronic h ☐ radioactiv
		Management Method: ☐ Shipped Off-site ☐ Recycled On-site ☐ Treated On-site			☐		☐ solid ☐ liquid ☐ gas	Curies: (If radioactive)	Days On Site:	Storage Container:*	State Waste Code:				
					☐		☐ waste					☐ gallons ☐ pounds ☐ cu. feet ☐ tons	☐ ambient ☐ > amb. ☐ < amb.	☐ ambient ☐ > amb. ☐ < amb. ☐ cryogenic	☐ fire ☐ reactive ☐ pressure r ☐ acute heal ☐ chronic h ☐ radioactiv
		Management Method: ☐ Shipped Off-site ☐ Recycled On-site ☐ Treated On-site			☐		☐ solid ☐ liquid ☐ gas	Curies: (If radioactive)	Days On Site:	Storage Container:*	State Waste Code:				
					☐		☐ waste					☐ gallons ☐ pounds ☐ cu. feet ☐ tons	☐ ambient ☐ > amb. ☐ < amb.	☐ ambient ☐ > amb. ☐ < amb. ☐ cryogenic	☐ fire ☐ reactive ☐ pressure r ☐ acute heal ☐ chronic h ☐ radioactiv
		Management Method: ☐ Shipped Off-site ☐ Recycled On-site ☐ Treated On-site			☐		☐ solid ☐ liquid ☐ gas	Curies: (If radioactive)	Days On Site:	Storage Container:*	State Waste Code:				
					☐		☐ waste					☐ gallons ☐ pounds ☐ cu. feet ☐ tons	☐ ambient ☐ > amb. ☐ < amb.	☐ ambient ☐ > amb. ☐ < amb. ☐ cryogenic	☐ fire ☐ reactive ☐ pressure r ☐ acute heal ☐ chronic h ☐ radioactiv
		Management Method: ☐ Shipped Off-site ☐ Recycled On-site ☐ Treated On-site			☐		☐ solid ☐ liquid ☐ gas	Curies: (If radioactive)	Days On Site:	Storage Container:*	State Waste Code:				
					☐		☐ waste					☐ gallons ☐ pounds ☐ cu. feet ☐ tons	☐ ambient ☐ > amb. ☐ < amb.	☐ ambient ☐ > amb. ☐ < amb. ☐ cryogenic	☐ fire ☐ reactive ☐ pressure r ☐ acute heal ☐ chronic h ☐ radioactiv
		Management Method: ☐ Shipped Off-site ☐ Recycled On-site ☐ Treated On-site			☐		☐ solid ☐ liquid ☐ gas	Curies: (If radioactive)	Days On Site:	Storage Container:*	State Waste Code:				

* Storage Container Codes

Code	Storage Type	Code	Storage Type	Code	Storage Type	Code	Storage Type	Code	Storage Type	Code	Storage Type
A	Aboveground Tank	D	Steel Drum	G	Carboy	J	Bag	M	Glass Bottle or Jug	P	Tank Wagon
B	Belowground Tank	E	Plastic/Nonmetallic Drum	H	Silo	K	Box	N	Plastic Bottle or Jug	Q	Rail Car
C	Tank Inside Building	F	Can	I	Fiber Drum	L	Cylinder	O	Tote Bin	R	Other

If EPCRA, sign below:

Non-Waste Hazardous Materials Inventory Statement

For Use By Unidocs Member Agencies or where approved by your Local Jurisdiction

Date: 10/8/2004

Business Name: (Same as Facility Name/DBA) **WJ Communications**

Type of Report on This Page: ☐ Add; ☐ Delete; ☐ Revise;

Page 1 of 35 (One page per building area)

Chemical Location: (Building/Storage Area) **AREA F**

EPCRA Confidential Location? ☐ Yes ☒ No

Trade Secret Information? ☐ Yes ☒ No

Facility ID# (Agency Use Only)

1 Haz. Class	2 Map/ Grid or LC	3 Common Name	Chemical Name	4 Hazardous Components (For mixtures only) % Wt.	EHS	CAS No.	5 Type and Physical State	6 Quantities Max. Daily	Average Daily	Lgst. Cont	Units	7	8 Storage Codes Pressure	Temp.	9 Hazard Categories
FL-1B	Semi-tool #1	**Isopropyl Alcohol** Cas No: ☐ EHS 67-63-0			☐		☒ pure ☐ mixture ☐ solid ☒ liquid ☐ gas	5 Curies:	5 Days on Site: 365	5 Storage Container L	☒ gal. ☐ lbs. ☐ cu.ft. ☐ tons		☒ amb. ☐ > amb. ☐ < amb.	☒ amb. ☐ > amb. ☐ < amb. ☐ cryo.	☒ fire ☐ reactive ☐ pressure release ☒ acute health ☒ chronic health ☐ radioactive
FL-1B	Semi-tool #1	**Acetone** Cas No: ☐ EHS 67-64-1			☐		☒ pure ☐ mixture ☐ solid ☒ liquid ☐ gas	5 Curies:	5 Days on Site: 365	5 Storage Container L	☒ gal. ☐ lbs. ☐ cu.ft. ☐ tons		☒ amb. ☐ > amb. ☐ < amb.	☒ amb. ☐ > amb. ☐ < amb. ☐ cryo.	☒ fire ☐ reactive ☐ pressure release ☐ acute health ☐ chronic health ☐ radioactive
FL-1B	Semi-tool #2	**Isopropyl Alcohol** Cas No: ☐ EHS 67-63-0			☐		☒ pure ☐ mixture ☐ solid ☒ liquid ☐ gas	5 Curies:	5 Days on Site: 365	5 Storage Container L	☒ gal. ☐ lbs. ☐ cu.ft. ☐ tons		☒ amb. ☐ > amb. ☐ < amb.	☒ amb. ☐ > amb. ☐ < amb. ☐ cryo.	☒ fire ☐ reactive ☐ pressure release ☒ acute health ☒ chronic health ☐ radioactive
FL-1B	Semi-tool #2	**Acetone** Cas No: ☐ EHS 67-64-1			☐		☒ pure ☐ mixture ☐ solid ☒ liquid ☐ gas	5 Curies:	5 Days on Site: 365	5 Storage Container L	☒ gal. ☐ lbs. ☐ cu.ft. ☐ tons		☒ amb. ☐ > amb. ☐ < amb.	☒ amb. ☐ > amb. ☐ < amb. ☐ cryo.	☒ fire ☐ reactive ☐ pressure release ☐ acute health ☐ chronic health ☐ radioactive
FL-1B IRR	DNS Coater #1	**AZ (R) P4210 Photoresist** Cas No: ☐ EHS	1-Methoxy-2-propyl acetate Cresol-novolak resin Diazonaphthoquinonesulfonic esters	71 <30 <5	☐	108-65-6 117520-84-0 5610-94-6	☐ pure ☒ mixture ☐ solid ☒ liquid ☐ gas	2 Curies:	2 Days on Site: 365	1 Storage Container N	☒ gal. ☐ lbs. ☐ cu.ft. ☐ tons		☒ amb. ☐ > amb. ☐ < amb.	☒ amb. ☐ > amb. ☐ < amb. ☐ cryo.	☒ fire ☐ reactive ☐ pressure release ☐ acute health ☒ chronic health ☐ radioactive
CL-2	DNS Coater #1	**EMT EBR 800** Cas No: ☐ EHS	Compound A Compound B	40-80 20-60	☐	N/A N/A	☐ pure ☒ mixture ☐ solid ☒ liquid ☐ gas	2 Curies:	2 Days on Site: 365	1 Storage Container N	☒ gal. ☐ lbs. ☐ cu.ft. ☐ tons		☒ amb. ☐ > amb. ☐ < amb.	☒ amb. ☐ > amb. ☐ < amb. ☐ cryo.	☒ fire ☐ reactive ☐ pressure release ☐ acute health ☒ chronic health ☐ radioactive
CL	DNS Coater #1	**Positive Resist PR1-4000A** Cas No: ☐ EHS	1-Methoxy-2-propanol 1-Propoxy-2-propanol Resins Sensitizers		☐	107-98-2 1569-01-3	☐ pure ☒ mixture ☐ solid ☒ liquid ☐ gas	2 Curies:	2 Days on Site: 365	1 Storage Container M	☒ gal. ☐ lbs. ☐ cu.ft. ☐ tons		☒ amb. ☐ > amb. ☐ < amb.	☒ amb. ☐ > amb. ☐ < amb. ☐ cryo.	☒ fire ☐ reactive ☐ pressure release ☐ acute health ☒ chronic health ☐ radioactive

* Code Storage Type

Code	Storage Type	Code	Storage Type	Code	Storage Type	Code	Storage Type	Code	Storage Type	Code	Storage Type
A	Aboveground Tank	D	Steel Drum	G	Carboy	J	Bag	M	Glass Bottle or Jug	P	Tank Wagon
B	Belowground Tank	E	Plastic/Nonmetallic Drum	H	Silo	K	Box	N	Plastic Bottle or Jug	Q	Rail Car
C	Tank Inside Building	F	Can	I	Fiber Drum	L	Cylinder	O	Tote Bin	R	Tank Wagon

If EPCRA, sign below: _____

Non-Waste Hazardous Materials Inventory Statement

For Use By Unidocs Member Agencies or where approved by your Local Jurisdiction

Date: 10/8/2004

Business Name: (Same as Facility Name/DBA)	**WJ Communications**	**Type of Report on This Page:** ☐ Add; ☐ Delete; ☐ Revise;	**Page** 2 of 33 (One page per building area)
Chemical Location: (Building/Storage Area)	**AREA F**	**EPCRA Confidential Location?** ☐ Yes ☒ No **Trade Secret Information?** ☐ Yes ☒ No	**Facility ID#** (Agency Use Only)

1. Haz. Class	2. Map/ Grid or LC	3. Common Name	4. Hazardous Components (For mixtures only) Chemical Name	% Wt.	EHS	CAS No.	5. Type and Physical State	6. Quantities Max. Daily	Average Daily	Lgst. Cont	7. Units	8. Storage Codes Pressure	Temp.	9. Hazard Categories
FL-IB	DNS Coater #1	**Acetone** Cas No: 67-64-1 ☐ EHS			☐		☒ pure ☐ mixture ☐ solid ☒ liquid ☐ gas	1 Curies:	1 Days on Site: 365	1 Storage Container N	☒ gal. ☐ lbs. ☐ cu.ft. ☐ tons	☒ amb. ☐ > amb. ☐ < amb.	☒ amb. ☐ > amb. ☐ < amb. ☐ cryo.	☒ fire ☐ reactive ☐ pressure release ☐ acute health ☐ chronic health ☐ radioactive
COR TOX	DNS Coater #1	**Microposit MF-321 Developer** Cas No: ☐ EHS	Tetramethyl ammonium hydroxide Non-hazardous ingredients Water	2 <0.05 98	☐	75-59-2 N/A 7732-18-5	☐ pure ☒ mixture ☐ solid ☒ liquid ☐ gas	5 Curies:	5 Days on Site: 365	5 Storage Container R	☒ gal. ☐ lbs. ☐ cu.ft. ☐ tons	☒ amb. ☐ > amb. ☐ < amb.	☒ amb. ☐ > amb. ☐ < amb. ☐ cryo.	☐ fire ☐ reactive ☐ pressure release ☒ acute health ☐ chronic health ☐ radioactive
FL-IB IRR	DNS Coater #1	**Shipley - System 805** Cas No: ☐ EHS	Diazo photoactive compound Anisole Cresol nonolak resin Ethyl lactate 2-Methyl butyl acetate n-Amyl acetate	1-10 22-27 10-20 47-52 1-5 3-8	☐ ☐ ☐ ☐ ☐ ☐	 100-66-3 97-64-3 624-41-9 628-63-7	☐ pure ☒ mixture ☐ solid ☒ liquid ☐ gas	1 Curies:	1 Days on Site: 365	1 Storage Container M	☒ gal. ☐ lbs. ☐ cu.ft. ☐ tons	☒ amb. ☐ > amb. ☐ < amb.	☒ amb. ☐ > amb. ☐ < amb. ☐ cryo.	☒ fire ☐ reactive ☐ pressure release ☐ acute health ☒ chronic health ☐ radioactive
[cont.]		**System 805** (continued) Cas No: ☐ EHS	Cresol Organic Siloxane surfactant	<1 <0.01	☒	1319-77-3	☐ pure ☐ mixture ☐ solid ☐ liquid ☐ gas	Curies:	Days on Site:	Storage Container	☐ gal. ☐ lbs. ☐ cu.ft. ☐ tons	☐ amb. ☐ > amb. ☐ < amb.	☐ amb. ☐ > amb. ☐ < amb. ☐ cryo.	☐ fire ☐ reactive ☐ pressure release ☐ acute health ☐ chronic health ☐ radioactive
CL-2	DNS Coater #1	**EMT EBR 800** Cas No: ☐ EHS	Compound A Compound B	40-80 20-60	☐	N/A N/A	☐ pure ☒ mixture ☐ solid ☒ liquid ☐ gas	10 Curies:	10 Days on Site: 365	5 Storage Container R	☒ gal. ☐ lbs. ☐ cu.ft. ☐ tons	☒ amb. ☐ > amb. ☐ < amb.	☒ amb. ☐ > amb. ☐ < amb. ☐ cryo.	☒ fire ☐ reactive ☐ pressure release ☐ acute health ☐ chronic health ☐ radioactive
COR TOX	DNS Coater #1	**NMD-W 2.38%** Cas No: ☐ EHS	Tetramethyl ammonium hydroxide Water	2.5 97.5	☐	75-59-2 7732-18-5	☐ pure ☒ mixture ☐ solid ☒ liquid ☐ gas	5 Curies:	5 Days on Site: 365	5 Storage Container R	☒ gal. ☐ lbs. ☐ cu.ft. ☐ tons	☒ amb. ☐ > amb. ☐ < amb.	☒ amb. ☐ > amb. ☐ < amb. ☐ cryo.	☐ fire ☐ reactive ☐ pressure release ☒ acute health ☐ chronic health ☐ radioactive
FL-IB IRR	DNS Coater #1	**AZ (R) 5214-E Photoresist** Cas No: ☐ EHS	1-Methoxy-2-propanol acetate Cresol-novolak resin Trade Secret: Phenolic Comp. Trade Secret: diazonaphthoquinonesulfonic esters	73 <25 1 <5	☐ ☐ ☐ ☐ ☐	108-65-6 117520-84-0 N/A N/A 5610-94-6	☐ pure ☒ mixture ☐ solid ☒ liquid ☐ gas	1 Curies:	1 Days on Site: 365	1 Storage Container N	☒ gal. ☐ lbs. ☐ cu.ft. ☐ tons	☒ amb. ☐ > amb. ☐ < amb.	☒ amb. ☐ > amb. ☐ < amb. ☐ cryo.	☒ fire ☐ reactive ☐ pressure release ☐ acute health ☒ chronic health ☐ radioactive

Code	Storage Type	Code	Storage Type	Code	Storage Type	Code	Storage Type	Code	Storage Type	Code	Storage Type
A	Aboveground Tank	D	Steel Drum	G	Carboy	J	Bag	M	Glass Bottle or Jug	P	Tank Wagon
B	Belowground Tank	E	Plastic/Nonmetallic Drum	H	Silo	K	Box	N	Plastic Bottle or Jug	Q	Rail Car
C	Tank Inside Building	F	Can	I	Fiber Drum	L	Cylinder	O	Tote Bin	R	Tank Wagon

If EPCRA, sign below: _____

Non-Waste Hazardous Materials Inventory Statement

For Use By Unidocs Member Agencies or where approved by your Local Jurisdiction

Date: 10/8/2004

Business Name: (Same as Facility Name/DBA)	**WJ Communications**	**Type of Report on This Page:** ☐ Add; ☐ Delete; ☐ Revise;	**Page** 3 of 55 (One page per building area)
Chemical Location: (Building/Storage Area)	**AREA F**	**EPCRA Confidential Location?** ☐ Yes ☒ No **Trade Secret Information?** ☐ Yes ☒ No	**Facility ID#** (Agency Use Only)

1. Haz. Class	2. Map/ Grid or LC	3. Common Name	4. Hazardous Components (For mixtures only) Chemical Name	% Wt.	EHS	CAS No.	5. Type and Physical State	6. Quantities Max. Daily	Average Daily	Lgst. Cont	7. Units	8. Storage Codes Pressure	Temp.	9. Hazard Categories
COR TOX	DNS Coater #2	**NMD-W 2.38%** Cas No: ☐ EHS	Tetramethyl ammonium hydroxide Water	2.5 97.5	☐ ☐	75-59-2 7732-18-5	☐ pure ☒ mixture ☐ solid ☒ liquid ☐ gas	5 Curies:	5 Days on Site: 365	5 Storage Container N	☒ gal. ☐ lbs. ☐ cu.ft. ☐ tons	☒ amb. ☐ > amb. ☐ < amb.	☒ amb. ☐ > amb. ☐ < amb. ☐ cryo.	☐ fire ☐ reactive ☐ pressure release ☒ acute health ☐ chronic health ☐ radioactive
COR TOX	DNS Coater #2	**Microposit MF-321 Developer** Cas No: ☐ EHS	Tetramethyl ammonium hydroxide Non-hazardous ingredients Water	2 <0.05 98	☐ ☐ ☐	75-59-2 N/A 7732-18-5	☐ pure ☒ mixture ☐ solid ☒ liquid ☐ gas	5 Curies:	5 Days on Site: 365	5 Storage Container N	☒ gal. ☐ lbs. ☐ cu.ft. ☐ tons	☒ amb. ☐ > amb. ☐ < amb.	☒ amb. ☐ > amb. ☐ < amb. ☐ cryo.	☒ fire ☐ reactive ☐ pressure release ☐ acute health ☒ chronic health ☐ radioactive
FL-1B IRR	DNS Coater #2	**AZ (R) 5214-E Photoresist** Cas No: ☐ EHS	1-Methoxy-2-propanol acetate Cresol-novolak resin Trade Secret: Phenolic Comp. Trade Secret: diazonaphthoquinonesulfonic esters	73 <25 1 <5	☐ ☐ ☐ ☐ ☐	108-65-6 117520-84-0 N/A N/A 5610-94-6	☐ pure ☒ mixture ☐ solid ☒ liquid ☐ gas	2 Curies:	2 Days on Site: 365	1 Storage Container N	☒ gal. ☐ lbs. ☐ cu.ft. ☐ tons	☒ amb. ☐ > amb. ☐ < amb.	☒ amb. ☐ > amb. ☐ < amb. ☐ cryo.	☒ fire ☐ reactive ☐ pressure release ☒ acute health ☐ chronic health ☐ radioactive
FL-1B IRR	DNS Coater #2	**Shipley - System 805** Cas No: ☐ EHS	Diazo photoactive compound Anisole Cresol nonolak resin Ethyl lactate 2-Methyl butyl acetate n-Amyl acetate	1-10 22-27 10-20 47-52 1-5 3-8	☐ ☐ ☐ ☐ ☐ ☐	 100-66-3 97-64-3 624-41-9 628-63-7	☐ pure ☒ mixture ☐ solid ☒ liquid ☐ gas	2 Curies:	2 Days on Site: 365	1 Storage Container M	☒ gal. ☐ lbs. ☐ cu.ft. ☐ tons	☒ amb. ☐ > amb. ☐ < amb.	☒ amb ☐ > amb. ☐ < amb. ☐ cryo.	☒ fire ☐ reactive ☐ pressure release ☐ acute health ☐ chronic health ☐ radioactive
[cont.]		**System 805** (continued) Cas No: ☐ EHS	Cresol Organic Siloxane surfactant	<1 <0.01	☐ ☐	1319-77-3	☐ pure ☐ mixture ☐ solid ☐ liquid ☐ gas	Curies:	Days on Site:	Storage Container	☐ gal. ☐ lbs. ☐ cu.ft. ☐ tons	☐ amb. ☐ > amb. ☐ < amb	☐ amb. ☐ > amb. ☐ < amb. ☐ cryo.	☐ fire ☐ reactive ☐ pressure release ☐ acute health ☐ chronic health ☐ radioactive
CL-2	DNS Coater #2	**EMT EBR 800** Cas No: ☐ EHS	Compound A Compound B	40-80 20-60	☐ ☐	N/A N/A	☐ pure ☒ mixture ☐ solid ☒ liquid ☐ gas	5 Curies:	5 Days on Site: 365	5 Storage Container N	☒ gal. ☐ lbs. ☐ cu.ft. ☐ tons	☒ amb. ☐ > amb. ☐ < amb.	☒ amb. ☐ > amb. ☐ < amb. ☐ cryo.	☒ fire ☐ reactive ☐ pressure release ☐ acute health ☒ chronic health ☐ radioactive
FL-1B IRR	DNS Coater #2	**AZ (R) P4210 Photoresist** Cas No: ☐ EHS	1-Methoxy-2-propanol acetate Cresol-novolak resin diazonaphthoquinonesulfonic esters	71 <30 <5	☐ ☐ ☐	108-65-6 117520-84-0 5610-94-6	☐ pure ☒ mixture ☐ solid ☒ liquid ☐ gas	2 Curies:	2 Days on Site: 365	1 Storage Container N	☒ gal. ☐ lbs. ☐ cu.ft. ☐ tons	☒ amb. ☐ > amb. ☐ < amb.	☒ amb. ☐ > amb. ☐ < amb. ☐ cryo.	☒ fire ☐ reactive ☐ pressure release ☒ acute health ☐ chronic health ☐ radioactive

* Storage Type Codes

Code	Storage Type	Code	Storage Type	Code	Storage Type	Code	Storage Type	Code	Storage Type	Code	Storage Type
A	Aboveground Tank	D	Steel Drum	G	Carboy	J	Bag	M	Glass Bottle or Jug	P	Tank Wagon
B	Belowground Tank	E	Plastic/Nonmetallic Drum	H	Silo	K	Box	N	Plastic Bottle or Jug	Q	Rail Car
C	Tank Inside Building	F	Can	I	Fiber Drum	L	Cylinder	O	Tote Bin	R	Tank Wagon

If EPCRA, sign below: _____

Non-Waste Hazardous Materials Inventory Statement

For Use By Unidocs Member Agencies or where approved by your Local Jurisdiction

Date: 10/8/2004

Business Name: (Same as Facility Name/DBA) **WJ Communications**

Type of Report on This Page: ☐ Add; ☐ Delete; ☐ Revise;

Page 4 **of** 55 (One page per building area)

Chemical Location: (Building/Storage Area) **AREA F**

EPCRA Confidential Location? ☐ Yes ☒ No

Trade Secret Information? ☐ Yes ☒ No

Facility ID# (Agency Use Only)

1. Haz. Class	2. Map/ Grid or LC	3. Common Name	4. Hazardous Components (For mixtures only) Chemical Name	% Wt.	EHS	CAS No.	5. Type and Physical State	6. Quantities Max. Daily	Average Daily	Lgst. Cont	7. Units	8. Storage Codes Pressure	Temp.	9. Hazard Categories
FL-1B WR-1	DNS Coater #2	**Olin - Adhesion promotor** Cas No: ☐ EHS 999-97-3	Hexamethyldisilazane		☐		☒ pure ☐ mixture ☐ solid ☒ liquid ☐ gas	2 Curies:	2 Days on Site: 365	1 Storage Container N	☒ gal. ☐ lbs. ☐ cu.ft. ☐ tons	☒ amb. ☐ > amb. ☐ < amb.	☒ amb. ☐ > amb. ☐ < amb. ☐ cryo.	☒ fire ☐ reactive ☐ pressure release ☐ acute health ☐ chronic health ☐ radioactive
FL-1B IRR	Flam. Cab. #12	**Photoresist AZ Positive P4620** Cas No: ☐ EHS	Propylene glycol monomethyletheracetate Cresol Novalak resin Diazonaphthoquinone sulfonic ester	59	☐	108-65-6 171520-84-0 5610-94-6	☐ pure ☒ mixture ☐ solid ☒ liquid ☐ gas	8 Curies:	4 Days on Site: 365	1 Storage Container N	☒ gal. ☐ lbs. ☐ cu.ft. ☐ tons	☒ amb. ☐ > amb. ☐ < amb.	☒ amb. ☐ > amb. ☐ < amb. ☐ cryo.	☒ fire ☐ reactive ☐ pressure release ☒ acute health ☐ chronic health ☐ radioactive
FL-1B WR-1	Flam. Cab. #12	**Olin - Adhesion Promotor** Cas No: ☐ EHS 999-97-3	Hexamethyldisilazane		☐		☐ pure ☒ mixture ☐ solid ☒ liquid ☐ gas	20 Curies:	10 Days on Site: 365	0.125 Storage Container M	☒ gal. ☐ lbs. ☐ cu.ft. ☐ tons	☒ amb. ☐ > amb. ☐ < amb.	☒ amb. ☐ > amb. ☐ < amb. ☐ cryo.	☐ fire ☐ reactive ☐ pressure release ☐ acute health ☐ chronic health ☐ radioactive
FL-1B IRR	Flam. Cab. #12	**Isopropyl Alcohol** Cas No: ☐ EHS 67-63-0			☐		☒ pure ☐ mixture ☐ solid ☒ liquid ☐ gas	5 Curies:	5 Days on Site: 365	5 Storage Container L	☒ gal. ☐ lbs. ☐ cu.ft. ☐ tons	☒ amb. ☐ > amb. ☐ < amb.	☒ amb. ☐ > amb. ☐ < amb. ☐ cryo.	☒ fire ☐ reactive ☐ pressure release ☒ acute health ☒ chronic health ☐ radioactive
CL IRR	Flam. Cab. #12	**AZ (R) 1500, Thinner** Cas No: ☐ EHS 108-65-6	1-Methoxy-2-propanol acetate	100	☐		☒ pure ☐ mixture ☐ solid ☒ liquid ☐ gas	4 Curies:	4 Days on Site: 365	1 Storage Container N	☒ gal. ☐ lbs. ☐ cu.ft. ☐ tons	☒ amb. ☐ > amb. ☐ < amb.	☒ amb. ☐ > amb. ☐ < amb. ☐ cryo.	☒ fire ☐ reactive ☐ pressure release ☐ acute health ☐ chronic health ☐ radioactive
CL	Flam. Cab. #12	**EMT EBR 800** Cas No: ☐ EHS	Compound A Compound B	40-80 20-60	☐	N/A N/A	☐ pure ☒ mixture ☐ solid ☒ liquid ☐ gas	16 Curies:	10 Days on Site: 365	1 Storage Container N	☒ gal. ☐ lbs. ☐ cu.ft. ☐ tons	☒ amb. ☐ > amb. ☐ < amb.	☒ amb. ☐ > amb. ☐ < amb. ☐ cryo.	☒ fire ☐ reactive ☐ pressure release ☐ acute health ☐ chronic health ☐ radioactive
COR TOX	Corr. Cab. #1	**Microposit MF-321 Developer** Cas No: ☐ EHS	Tetramethyl ammonium hydroxide Non-hazardous ingredients Water	2 <0.05 98	☐	75-59-2 N/A 7732-18-5	☐ pure ☒ mixture ☐ solid ☒ liquid ☐ gas	14 Curies:	12 Days on Site: 365	1 Storage Container	☒ gal. ☐ lbs. ☐ cu.ft. ☐ tons	☒ amb. ☐ > amb. ☐ < amb.	☒ amb. ☐ > amb. ☐ < amb. ☐ cryo.	☐ fire ☐ reactive ☐ pressure release ☒ acute health ☐ chronic health ☐ radioactive

* Storage Type Codes

Code	Storage Type	Code	Storage Type	Code	Storage Type	Code	Storage Type	Code	Storage Type	Code	Storage Type
A	Aboveground Tank	D	Steel Drum	G	Carboy	J	Bag	M	Glass Bottle or Jug	P	Tank Wagon
B	Belowground Tank	E	Plastic/Nonmetallic Drum	H	Silo	K	Box	N	Plastic Bottle or Jug	Q	Rail Car
C	Tank Inside Building	F	Can	I	Fiber Drum	L	Cylinder	O	Tote Bin	R	Tank Wagon

If EPCRA, sign below: _____

Non-Waste Hazardous Materials Inventory Statement

For Use By Unidocs Member Agencies or where approved by your Local Jurisdiction

Date: 10/8/2004

Business Name: (Same as Facility Name/DBA) **WJ Communications**

Type of Report on This Page: ☐ Add; ☐ Delete; ☐ Revise;

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Chemical Location: (Building/Storage Area) **AREA F**

EPCRA Confidential Location? Trade Secret Information? ☐ Yes ☒ No ☐ Yes ☒ No

Facility ID# (Agency Use Only)

1 Haz. Class	2. Map/ Grid or LC	3. Common Name	4. Hazardous Components (For mixtures only) Chemical Name	% Wt.	EHS	CAS No.	5. Type and Physical State	6. Quantities Max. Daily	Average Daily	Lgst. Cont	7. Units	8. Storage Codes Pressure	Temp.	9. Hazard Categories
FL-1B IRR	Flam. Cab. #12	**AZ (R) P4210 Photoresist** Cas No: ☐ EHS	1-Methoxy-2-propanol acetate Cresol-novolak resin diazonaphthoquinonesulfonic esters	71 <30 <5	☐ ☐ ☐	108-65-6 117520-84-0 5610-94-6	☐ pure ☒ mixture ☐ solid ☒ liquid ☐ gas	6 Cunes:	4 Days on Site: 365	1 Storage Container	☒ gal. ☐ lbs. ☐ cu.ft. ☐ tons	☒ amb. ☐ > amb. ☐ < amb.	☒ amb. ☐ > amb. ☐ < amb. ☐ cryo.	☒ fire ☐ reactive ☐ pressure release ☒ acute health ☐ chronic health ☐ radioactive
FL-1B IRR	Flam. Cab. #12	**AZ (R) 5214-E Photoresist** Cas No: ☐ EHS	1-Methoxy-2-propaol acetate Cresol-novolak resin Trade Secret: Phenolic Comp. Trade Secret: diazonaphthoquinonesulfonic esters	73 <25 1 <5	☐ ☐ ☐ ☐ ☐	108-65-6 117520-84-0 N/A N/A 5610-94-6	☐ pure ☒ mixture ☐ solid ☒ liquid ☐ gas	16 Cunes:	12 Days on Site: 365	1 Storage Container N	☒ gal. ☐ lbs. ☐ cu.ft. ☐ tons	☒ amb. ☐ > amb. ☐ < amb.	☒ amb. ☐ > amb. ☐ < amb. ☐ cryo.	☒ fire ☐ reactive ☐ pressure release ☒ acute health ☐ chronic health ☐ radioactive
FL-1B IRR	Flam. Cab. #12	**AZ (R) P4110 Photoresist** Cas No: ☐ EHS	1-Methoxy-2-propanol acetate Cresol-novolak resin diazonaphthoquinonesulfonic esters	77 <25 <5	☐ ☐ ☐	108-65-6 117520-84-0 5610-94-6	☐ pure ☒ mixture ☐ solid ☒ liquid ☐ gas	10 Cunes:	8 Days on Site: 365	1 Storage Container N	☒ gal. ☐ lbs. ☐ cu.ft. ☐ tons	☒ amb. ☐ > amb. ☐ < amb.	☒ amb. ☐ > amb. ☐ < amb. ☐ cryo.	☒ fire ☐ reactive ☐ pressure release ☐ acute health ☒ chronic health ☐ radioactive
FL-1B IRR	Flam. Cab. #12	**AZ (R) 9245 Photoresist** Cas No: ☐ EHS			☐ ☐ ☐ ☐ ☐		☐ pure ☒ mixture ☐ solid ☒ liquid ☐ gas	8 Cunes:	4 Days on Site: 365	1 Storage Container N	☒ gal. ☐ lbs. ☐ cu.ft. ☐ tons	☒ amb. ☐ > amb. ☐ < amb.	☒ amb. ☐ > amb. ☐ < amb. ☐ cryo.	☒ fire ☐ reactive ☐ pressure release ☐ acute health ☒ chronic health ☐ radioactive
FL-1B IRR	Flam. Cab. #12	**Shipley - System 805** Cas No: ☐ EHS	Diazo photoactive compound Anisole Cresol nonolak resin Ethyl lactate 2-Methyl butyl acetate n-Amyl acetate	1-10 22-27 10-20 47-52 1-5 3-8	☐ ☐ ☐ ☐ ☐ ☐	 100-66-3 97-64-3 624-41-9 628-63-7	☐ pure ☒ mixture ☐ solid ☒ liquid ☐ gas	8 Cunes:	4 Days on Site: 365	1 Storage Container M	☒ gal. ☐ lbs. ☐ cu.ft. ☐ tons	☒ amb. ☐ > amb. ☐ < amb.	☒ amb. ☐ > amb. ☐ < amb. ☐ cryo.	☐ fire ☐ reactive ☐ pressure release ☐ acute health ☐ chronic health ☐ radioactive
[cont.]		**System 805** (continued) Cas No: ☐ EHS	Cresol Organic Siloxane surfactant	<1 <0.01	☒ ☐ ☐ ☐ ☐	1319-77-3	☐ pure ☐ mixture ☐ solid ☐ liquid ☐ gas	Curies:	Days on Site: 365	Storage Container	☐ gal. ☐ lbs. ☐ cu.ft. ☐ tons	☐ amb. ☐ > amb. ☐ < amb.	☐ amb. ☐ > amb. ☐ < amb. ☐ cryo.	☐ fire ☐ reactive ☐ pressure release ☐ acute health ☐ chronic health ☐ radioactive
COR TOX	Corr. Cab. #1	**NMD-W 2.38%** Cas No: ☐ EHS	Tetramethyl ammonium hydroxide Water	2.5 97.5	☐ ☐ ☐ ☐ ☐	75-59-2 7732-18-5	☐ pure ☒ mixture ☐ solid ☒ liquid ☐ gas	14 Cunes:	12 Days on Site: 365	1 Storage Container	☒ gal. ☐ lbs. ☐ cu.ft. ☐ tons	☒ amb. ☐ > amb. ☐ < amb.	☒ amb. ☐ > amb. ☐ < amb. ☐ cryo.	☐ fire ☐ reactive ☐ pressure release ☒ acute health ☐ chronic health ☐ radioactive

* Code Storage Type

Code	Storage Type	Code	Storage Type	Code	Storage Type	Code	Storage Type	Code	Storage Type	Code	Storage Type
A	Aboveground Tank	D	Steel Drum	G	Carboy	J	Bag	M	Glass Bottle or Jug	P	Tank Wagon
B	Belowground Tank	E	Plastic/Nonmetallic Drum	H	Silo	K	Box	N	Plastic Bottle or Jug	Q	Rail Car
C	Tank Inside Building	F	Can	I	Fiber Drum	L	Cylinder	O	Tote Bin	R	Tank Wagon

If EPCRA, sign below: _____

Non-Waste Hazardous Materials Inventory Statement

For Use By Unidocs Member Agencies or where approved by your Local Jurisdiction

Date: 10/8/2004

Business Name: (Same as Facility Name/DBA)	**WJ Communications**	**Type of Report on This Page:** ☐ Add; ☐ Delete; ☐ Revise;	**Page** 6 of 55 (One page per building area)
Chemical Location: (Building/Storage Area)	**AREA F**	**EPCRA Confidential Location?** ☐ Yes ☒ No **Trade Secret Information?** ☐ Yes ☒ No	**Facility ID#** (Agency Use Only)

1 Haz. Class	2. Map/ Grid or LC	3. Common Name	4. Hazardous Components (For mixtures only) Chemical Name	% Wt.	EHS	CAS No.	5. Type and Physical State	6. Quantities Max. Daily	Average Daily	Lgst. Cont	7. Units	8. Storage Codes Pressure	Temp.	9. Hazard Categories
FL-1B	Flam. Cab. #12	**Positive Resist PR1-4000A** Cas No: ☐ EHS	1-Methoxy-2-propanol 1-Propoxy-2-propanol Resins Sensitizes			107-98-2 1569-01-3	☐ pure ☒ mixture ☐ solid ☒ liquid ☐ gas	Curies: 8	Days on Site: 4	Storage Container: 1 M	☒ gal. ☐ lbs. ☐ cu.ft. ☐ tons	☒ amb. ☐ > amb. ☐ < amb.	☒ amb. ☐ > amb. ☐ < amb. ☐ cryo.	☒ fire ☐ reactive ☐ pressure release ☐ acute health ☐ chronic health ☐ radioactive
		INTENTIONALLY LEFT BLANK Cas No: ☐ EHS					☐ pure ☐ mixture ☐ solid ☐ liquid ☐ gas	Curies:	Days on Site:	Storage Container	☐ gal. ☐ lbs. ☐ cu.ft. ☐ tons	☐ amb. ☐ > amb. ☐ < amb.	☐ amb. ☐ > amb. ☐ < amb. ☐ cryo.	☐ fire ☐ reactive ☐ pressure release ☐ acute health ☐ chronic health ☐ radioactive
CL3A	Flam. Cab. #2	**NMP** Cas No: 872-50-4 ☐ EHS					☒ pure ☐ mixture ☐ solid ☒ liquid ☐ gas	Curies: 5	Days on Site: 5	Storage Container: 5	☒ gal. ☐ lbs. ☐ cu.ft. ☐ tons	☒ amb. ☐ > amb. ☐ < amb.	☒ amb. ☐ > amb. ☐ < amb. ☐ cryo.	☒ fire ☐ reactive ☐ pressure release ☐ acute health ☐ chronic health ☐ radioactive
FL-1B IRR	Flam. Cab. #2	**Photoresist(s) - GENERIC** Cas No: ☐ EHS	Solvent(s) Resin(s)	<90 <5		various various	☐ pure ☒ mixture ☐ solid ☒ liquid ☐ gas	Curies: 4	Days on Site: 2	Storage Container: 1 N	☒ gal. ☐ lbs. ☐ cu.ft. ☐ tons	☒ amb. ☐ > amb. ☐ < amb.	☒ amb. ☐ > amb. ☐ < amb. ☐ cryo.	☒ fire ☐ reactive ☐ pressure release ☒ acute health ☒ chronic health ☐ radioactive
		INTENTIONALLY LEFT BLANK Cas No: ☐ EHS					☐ pure ☐ mixture ☐ solid ☐ liquid ☐ gas	Curies:	Days on Site:	Storage Container	☐ gal. ☐ lbs. ☐ cu.ft. ☐ tons	☐ amb. ☐ > amb. ☐ < amb.	☐ amb. ☐ > amb. ☐ < amb. ☐ cryo.	☐ fire ☐ reactive ☐ pressure release ☐ acute health ☐ chronic health ☐ radioactive
CL IRR	Flam. Cab. #4	**Cyclotene 4024-40** Cas No: ☐ EHS	B-staged divinylsiloxane-bis-benzocyclobutene Mesitylene Polymerized 1,2-dihydro-2,2,4-trimethylquinoline ethylcyclohexanone	26-44 50-73 0.3-3.1 0.3-2.7		12221-30-3 108-67-8 26780-96-1 114391-97-8	☐ pure ☒ mixture ☐ solid ☒ liquid ☐ gas	Curies: 2	Days on Site: 4	Storage Container: 0.25 M	☒ gal. ☐ lbs. ☐ cu.ft. ☐ tons	☒ amb. ☐ > amb. ☐ < amb.	☒ amb. ☐ > amb. ☐ < amb. ☐ cryo.	☒ fire ☐ reactive ☐ pressure release ☐ acute health ☒ chronic health ☐ radioactive
FL-1B	Flam. Cab. #4	**Photoresist AZ HiR 1075** Cas No: ☐ EHS	Propylene glycol monomethyletheracetate Cresol Novalak resin Diazonaphthoquinone sulfonic ester	59		108-65-6 171520-84-0 5610-94-6	☐ pure ☒ mixture ☐ solid ☒ liquid ☐ gas	Curies: 1	Days on Site: 1	Storage Container: 1 N	☒ gal. ☐ lbs. ☐ cu.ft. ☐ tons	☒ amb. ☐ > amb. ☐ < amb.	☒ amb. ☐ > amb. ☐ < amb. ☐ cryo.	☒ fire ☐ reactive ☐ pressure release ☒ acute health ☐ chronic health ☐ radioactive

Code	Storage Type	Code	Storage Type	Code	Storage Type	Code	Storage Type	Code	Storage Type	Code	Storage Type	Code	Storage Type
A	Aboveground Tank	D	Steel Drum	G	Carboy	J	Bag	M	Glass Bottle or Jug	P	Tank Wagon	**If EPCRA, sign below:**	
B	Belowground Tank	E	Plastic/Nonmetallic Drum	H	Silo	K	Box	N	Plastic Bottle or Jug	Q	Rail Car		
C	Tank Inside Building	F	Can	I	Fiber Drum	L	Cylinder	O	Tote Bin	R	Tank Wagon		

Non-Waste Hazardous Materials Inventory Statement

For Use By Unidocs Member Agencies or where approved by your Local Jurisdiction

Date: 10/8/2004

Business Name: (Same as Facility Name/DBA) **WJ Communications**

Type of Report on This Page: ☐ Add; ☐ Delete; ☐ Revise;

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Chemical Location: (Building/Storage Area) **AREA F**

EPCRA Confidential Location? ☐ Yes ☒ No

Trade Secret Information? ☐ Yes ☒ No

Facility ID# (Agency Use Only)

1 Haz. Class	2. Map/ Grid or LC	3. Common Name	4. Hazardous Components (For mixtures only) Chemical Name	% Wt.	EHS	CAS No.	5. Type and Physical State	6. Quantities Max. Daily	Average Daily	Lgst. Cont	7. Units	8. Storage Codes Pressure	Temp.	9. Hazard Categories
CL	Flam. Cab. #4	**Advanced Adheasion Promoter** Cas No: ☐ EHS			☐		☒ pure ☐ mixture ☐ solid ☒ liquid ☐ gas	1 Curies:	4 Days on Site: 365	0.25 Storage Container M	☒ gal. ☐ lbs. ☐ cu.ft. ☐ tons	☒ amb. ☐ > amb. ☐ < amb.	☒ amb. ☐ > amb. ☐ < amb. ☐ cryo.	☒ fire ☐ reactive ☐ pressure release ☐ acute health ☐ chronic health ☐ radioactive
FL	Flam. Cab. #4	**Adhesion Promotor AP8000** Cas No: ☐ EHS	1-Methoxy-2-propanol Proprietary Ingredient	>99 <1	☐ ☐	107-98-2	☐ pure ☒ mixture ☐ solid ☒ liquid ☐ gas	2 Curies:	4 Days on Site: 365	1 Storage Container M	☒ gal. ☐ lbs. ☐ cu.ft. ☐ tons	☒ amb. ☐ > amb. ☐ < amb.	☒ amb. ☐ > amb. ☐ < amb. ☐ cryo.	☒ fire ☐ reactive ☐ pressure release ☐ acute health ☐ chronic health ☐ radioactive
		INTENTIONALLY LEFT BLANK Cas No: ☐ EHS			☐		☐ pure ☐ mixture ☐ solid ☐ liquid ☐ gas	Curies:	Days on Site:	Storage Container	☐ gal. ☐ lbs. ☐ cu.ft. ☐ tons	☐ amb. ☐ > amb. ☐ < amb.	☐ amb. ☐ > amb. ☐ < amb. ☐ cryo.	☐ fire ☐ reactive ☐ pressure release ☐ acute health ☐ chronic health ☐ radioactive
FL-1B	Flam. Cab. #4	**AZ EBR 70/30** Cas No: ☐ EHS	Compound A Compound B	40-80 20-60	☐ ☐	N/A N/A	☐ pure ☒ mixture ☐ solid ☒ liquid ☐ gas	2 Curies:	2 Days on Site: 365	1 Storage Container N	☒ gal. ☐ lbs. ☐ cu.ft. ☐ tons	☒ amb. ☐ > amb. ☐ < amb.	☒ amb. ☐ > amb. ☐ < amb. ☐ cryo.	☒ fire ☐ reactive ☐ pressure release ☐ acute health ☒ chronic health ☐ radioactive
FL-1B	Flam. Cab. #5	**Acetone** Cas No: ☐ EHS 67-64-1			☐		☒ pure ☐ mixture ☐ solid ☒ liquid ☐ gas	25 Curies:	25 Days on Site: 365	1 Storage Container N	☒ gal. ☐ lbs. ☐ cu.ft. ☐ tons	☒ amb. ☐ > amb. ☐ < amb.	☒ amb. ☐ > amb. ☐ < amb. ☐ cryo.	☒ fire ☐ reactive ☐ pressure release ☐ acute health ☐ chronic health ☐ radioactive
CL IRR	Flam. Cab. #5	**Microposit EC Solvent 11** Cas No: ☐ EHS 97-64-3	Ethyl lactate	100	☐		☒ pure ☐ mixture ☐ solid ☒ liquid ☐ gas	6 Curies:	6 Days on Site: 365	1 Storage Container N	☒ gal. ☐ lbs. ☐ cu.ft. ☐ tons	☒ amb. ☐ > amb. ☐ < amb.	☒ amb. ☐ > amb. ☐ < amb. ☐ cryo.	☒ fire ☐ reactive ☐ pressure release ☐ acute health ☐ chronic health ☐ radioactive
FL-1B	Flam. Cab. #5	**Isopropyl Alcohol** Cas No: ☐ EHS 67-63-0			☐		☒ pure ☐ mixture ☐ solid ☒ liquid ☐ gas	20 Curies:	20 Days on Site: 365	1 Storage Container N	☒ gal. ☐ lbs. ☐ cu.ft. ☐ tons	☒ amb. ☐ > amb. ☐ < amb.	☒ amb. ☐ > amb. ☐ < amb. ☐ cryo.	☒ fire ☐ reactive ☐ pressure release ☒ acute health ☒ chronic health ☐ radioactive

* Code Storage Type

Code	Storage Type	Code	Storage Type	Code	Storage Type	Code	Storage Type	Code	Storage Type	Code	Storage Type
A	Aboveground Tank	D	Steel Drum	G	Carboy	J	Bag	M	Glass Bottle or Jug	P	Tank Wagon
B	Belowground Tank	E	Plastic/Nonmetallic Drum	H	Silo	K	Box	N	Plastic Bottle or Jug	Q	Rail Car
C	Tank Inside Building	F	Can	I	Fiber Drum	L	Cylinder	O	Tote Bin	R	Tank Wagon

If EPCRA, sign below: _____

Non-Waste Hazardous Materials Inventory Statement

For Use By Unidocs Member Agencies or where approved by your Local Jurisdiction

Date: 10/8/2004

Business Name: (Same as Facility Name/DBA) **WJ Communications**

Type of Report on This Page: ☐ Add; ☐ Delete; ☐ Revise;

Page 8 **of** 35 (One page per building area)

Chemical Location: (Building/Storage Area) **AREA F**

EPCRA Confidential Location? ☐ Yes ☒ No

Trade Secret Information? ☐ Yes ☒ No

Facility ID# (Agency Use Only)

1. Haz. Class	2. Map/ Grid or LC	3. Common Name	4. Hazardous Components (For mixtures only) Chemical Name	% Wt.	EHS	CAS No.	5. Type and Physical State	6. Quantities Max. Daily	Average Daily	Lgst. Cont	7. Units	8. Storage Codes Pressure	Temp.	9. Hazard Categories
		INTENTIONALLY LEFT BLANK Cas No: ☐ EHS					☐ pure ☐ mixture ☐ solid ☐ liquid ☐ gas	Curies:	Days on Site:	Storage Container	☐ gal. ☐ lbs. ☐ cu.ft. ☐ tons	☐ amb. ☐ > amb. ☐ < amb.	☐ amb. ☐ > amb. ☐ < amb. ☐ cryo.	☐ fire ☐ reactive ☐ pressure release ☐ acute health ☐ chronic health ☐ radioactive
FL-1B	Solitech #1	**AZ EBR 70/30** Cas No: ☐ EHS	Compound A Compound B	40-80 20-60		N/A N/A	☐ pure ☒ mixture ☐ solid ☒ liquid ☐ gas	2.25 Curies:	2.25 Days on Site: 365	2.25 Storage Container L	☒ gal. ☐ lbs. ☐ cu.ft. ☐ tons	☒ amb. ☐ > amb. ☐ < amb.	☒ amb. ☐ > amb. ☐ < amb. ☐ cryo.	☒ fire ☐ reactive ☐ pressure release ☐ acute health ☒ chronic health ☐ radioactive
FL-1B IRR	Solitech #1	**AZ (R) 5214-E Photoresist** Cas No: ☐ EHS	1-Methoxy-2-propanol acetate Cresol-novolak resin Trade Secret: Phenolic Comp. Trade Secret: diazonaphthoquinonesulfonic esters	73 <25 1 <5		108-65-6 117520-84-0 N/A N/A 5610-94-6	☐ pure ☒ mixture ☐ solid ☒ liquid ☐ gas	1 Curies:	1 Days on Site: 365	1 Storage Container N	☒ gal. ☐ lbs. ☐ cu.ft. ☐ tons	☒ amb. ☐ > amb. ☐ < amb.	☒ amb. ☐ > amb. ☐ < amb. ☐ cryo.	☒ fire ☐ reactive ☐ pressure release ☒ acute health ☐ chronic health ☐ radioactive
FL-1B IRR	Solitech #1	**AZ (R) 4210 Photoresist** Cas No: ☐ EHS					☐ pure ☒ mixture ☐ solid ☒ liquid ☐ gas	1 Curies:	1 Days on Site: 365	1 Storage Container N	☒ gal. ☐ lbs. ☐ cu.ft. ☐ tons	☒ amb ☐ > amb. ☐ < amb.	☒ amb. ☐ > amb. ☐ < amb. ☐ cryo.	☒ fire ☐ reactive ☐ pressure release ☐ acute health ☐ chronic health ☐ radioactive
CL	Solitech #1	**Positive Resist PR1-4000A** Cas No: ☐ EHS	1-Methoxy-2-propanol 1-Propoxy-2-propanol Resins Sensitizes			107-98-2 1569-01-3	☐ pure ☒ mixture ☐ solid ☒ liquid ☐ gas	2 Curies:	2 Days on Site: 365	1 Storage Container M	☒ gal. ☐ lbs. ☐ cu.ft. ☐ tons	☒ amb. ☐ > amb. ☐ < amb.	☒ amb. ☐ > amb. ☐ < amb. ☐ cryo.	☒ fire ☐ reactive ☐ pressure release ☐ acute health ☐ chronic health ☐ radioactive
FL-1B	Solitech #2	**AZ EBR 70/30** Cas No: ☐ EHS	Compound A Compound B	40-80 20-60		N/A N/A	☐ pure ☒ mixture ☐ solid ☒ liquid ☐ gas	2.25 Curies:	2.25 Days on Site: 365	2.25 Storage Container N	☒ gal. ☐ lbs. ☐ cu.ft. ☐ tons	☐ amb. ☒ > amb. ☐ < amb.	☒ amb. ☐ > amb. ☐ < amb. ☐ cryo.	☒ fire ☐ reactive ☐ pressure release ☐ acute health ☒ chronic health ☐ radioactive
FL-1B IRR	Solitech #2	**AZ (R) 5214-E Photoresist** Cas No: ☐ EHS	1-Methoxy-2-propanol acetate Cresol-novolak resin Trade Secret: Phenolic Comp. Trade Secret: diazonaphthoquinonesulfonic esters	73 <25 1 <5		108-65-6 117520-84-0 N/A N/A 5610-94-6	☐ pure ☒ mixture ☐ solid ☒ liquid ☐ gas	1 Curies:	1 Days on Site: 365	1 Storage Container N	☒ gal. ☐ lbs. ☐ cu.ft. ☐ tons	☒ amb. ☐ > amb. ☐ < amb.	☒ amb. ☐ > amb. ☐ < amb. ☐ cryo.	☒ fire ☐ reactive ☐ pressure release ☒ acute health ☐ chronic health ☐ radioactive

* Storage Type Codes

Code	Storage Type	Code	Storage Type	Code	Storage Type	Code	Storage Type	Code	Storage Type	Code	Storage Type
A	Aboveground Tank	D	Steel Drum	G	Carboy	J	Bag	M	Glass Bottle or Jug	P	Tank Wagon
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Non-Waste Hazardous Materials Inventory Statement

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Date: 10/8/2004

Business Name: (Same as Facility Name/DBA) **WJ Communications**

Type of Report on This Page: ☐ Add; ☐ Delete; ☐ Revise;

Page 9 **of** 33 (One page per building area)

Chemical Location: (Building/Storage Area) **AREA F**

EPCRA Confidential Location? ☐ Yes ☒ No

Trade Secret Information? ☐ Yes ☒ No

Facility ID# (Agency Use Only)

1. Haz. Class	2. Map/ Grid or LC	3. Common Name	4. Hazardous Components (For mixtures only) Chemical Name	% Wt.	EHS	CAS No.	5. Type and Physical State	6. Quantities Max. Daily / Average Daily / Lgst. Cont	7. Units	8. Storage Codes Pressure / Temp.	9. Hazard Categories
FL-IB IRR	Solitech #2	**Shipley - System 805** Cas No: ☐ EHS	Diazo photoactive compound	1-10	☐		☐ pure ☒ mixture	1 / 1 / 1	☒ gal. ☐ lbs. ☐ cu.ft. ☐ tons	☒ amb. ☐ > amb. ☐ < amb. / ☒ amb. ☐ > amb. ☐ < amb. ☐ cryo.	☒ fire ☐ reactive ☐ pressure release ☒ acute health ☒ chronic health ☐ radioactive
			Anisole	22-27	☐	100-66-3					
			Cresol novolak resin	10-20	☐		☐ solid ☒ liquid ☐ gas	Cuties: / Days on Site: 365 / Storage Container M			
			Ethyl lactate	47-52	☐	97-64-3					
			2-Methyl butyl acetate	1-5	☐	624-41-9					
			n-Amyl acetate	3-8	☐	628-63-7					
[cont.]	Solitech #2	**System 805 (continued)** Cas No: ☐ EHS	Cresol	<1	☒	1319-77-3	☐ pure ☐ mixture		☐ gal. ☐ lbs. ☐ cu.ft. ☐ tons	☐ amb. ☐ > amb. ☐ < amb. / ☐ amb. ☐ > amb. ☐ < amb. ☐ cryo.	☐ fire ☐ reactive ☐ pressure release ☐ acute health ☐ chronic health ☐ radioactive
			Organic Siloxane surfactant	<0.01	☐		☐ solid ☐ liquid ☐ gas	Cuties: / Days on Site: / Storage Container			
	Solitech #3	**Resist Developer RD 6** Cas No: ☐ EHS	Water	97-98	☐	7732-18-5	☐ pure ☒ mixture	2.25 / 2.25 / 2.25	☒ gal. ☐ lbs. ☐ cu.ft. ☐ tons	☒ amb. ☐ > amb. ☐ < amb. / ☐ amb. ☐ > amb. ☐ < amb. ☐ cryo.	☐ fire ☐ reactive ☐ pressure release ☒ acute health ☐ chronic health ☐ radioactive
			Tetramethyl ammonium hydroxide	2-3	☐	75-59-2					
			Additive	<1	☐	N/A	☐ solid ☒ liquid ☐ gas	Cuties: / Days on Site: 365 / Storage Container L			
IRR	Solitech #3	**AZ 400K Developer Diluted 1:3 Base** Cas No: ☐ EHS	Water	>95	☐	7732-18-5	☐ pure ☒ mixture	4.5 / 4.5 / 4.5	☒ gal. ☐ lbs. ☐ cu.ft. ☐ tons	☒ amb. ☐ > amb. ☐ < amb. / ☐ amb. ☐ > amb. ☐ < amb. ☐ cryo.	☐ fire ☐ reactive ☐ pressure release ☒ acute health ☐ chronic health ☐ radioactive
			Potassium borates	<5	☐	20786-60-1	☐ solid ☒ liquid ☐ gas	Cuties: / Days on Site: 365 / Storage Container L			
IRR	Solitech #3	**Developer AZ 400K Concentrate** Cas No: ☐ EHS	Water	>85	☐	7732-18-5	☐ pure ☒ mixture	2.25 / 2.25 / 2.25	☒ gal. ☐ lbs. ☐ cu.ft. ☐ tons	☒ amb. ☐ > amb. ☐ < amb. / ☒ amb. ☐ > amb. ☐ < amb. ☐ cryo.	☐ fire ☐ reactive ☐ pressure release ☐ acute health ☒ chronic health ☐ radioactive
			Potassium borates	<15	☐	20786-60-1	☐ solid ☒ liquid ☐ gas	Cuties: / Days on Site: 365 / Storage Container L			
CL	Solitech #4	**Advanced Developer DS2100** Cas No: ☐ EHS	Dipropylene glycol dimethyl ether	30-35	☐	111109-77-4	☐ pure ☒ mixture	2.25 / 2.25 / 2.25	☒ gal. ☐ lbs. ☐ cu.ft. ☐ tons	☐ amb. ☒ > amb. ☐ < amb. / ☒ amb. ☐ > amb. ☐ < amb. ☐ cryo.	☒ fire ☐ reactive ☐ pressure release ☐ acute health ☒ chronic health ☐ radioactive
			Naphtha petroleum-hydrotreated heavy	65-70	☐	64742-48-9	☐ solid ☒ liquid ☐ gas	Cuties: / Days on Site: 365 / Storage Container L			
CL	Solitech #4	**DOW - Rinse Solvent T1100** Cas No: ☐ EHS	Mesitylene (1,3,5-trimethylbenzene)	98.5	☐	108-67-8	☐ pure ☒ mixture	2.25 / 2.25 / 2.25	☒ gal. ☐ lbs. ☐ cu.ft. ☐ tons	☒ amb. ☐ > amb. ☐ < amb. / ☐ amb. ☐ > amb. ☐ < amb. ☐ cryo.	☒ fire ☐ reactive ☐ pressure release ☐ acute health ☒ chronic health ☐ radioactive
			Other C9 aromatic isomers	1.5	☐		☐ solid ☒ liquid ☐ gas	Cuties: / Days on Site: 365 / Storage Container L			

* Storage Type codes:

Code	Storage Type	Code	Storage Type	Code	Storage Type	Code	Storage Type	Code	Storage Type	Code	Storage Type
A	Aboveground Tank	D	Steel Drum	G	Carboy	J	Bag	M	Glass Bottle or Jug	P	Tank Wagon
B	Belowground Tank	E	Plastic/Nonmetallic Drum	H	Silo	K	Box	N	Plastic Bottle or Jug	Q	Rail Car
C	Tank Inside Building	F	Can	I	Fiber Drum	L	Cylinder	O	Tote Bin	R	Tank Wagon

If EPCRA, sign below: _____

Non-Waste Hazardous Materials Inventory Statement

For Use By Unidocs Member Agencies or where approved by your Local Jurisdiction

Date: 10/8/2004

Business Name: (Same as Facility Name/DBA) **WJ Communications**

Type of Report on This Page: ☐ Add; ☐ Delete; ☐ Revise;

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Chemical Location: (Building/Storage Area) **AREA F**

EPCRA Confidential Location? ☐ Yes ☒ No

Trade Secret Information? ☐ Yes ☒ No

Facility ID# (Agency Use Only)

1. Haz. Class	2. Map/ Grid or LC	3. Common Name / Cas No. / EHS	4. Hazardous Components (For mixtures only) Chemical Name	% Wt.	EHS	CAS No.	5. Type and Physical State	6. Quantities Max. Daily / Average Daily / Lgst. Cont	Units	7.	8. Storage Codes Pressure	Temp.	9. Hazard Categories
CL3B	Quick Change Pump Service Cart #1	**Fomblin** Cas No: 69991-67-9 ☐ EHS			☐		☒ pure ☐ mixture ☐ solid ☒ liquid ☐ gas	10 / 5 / 5 Curies: / Days on Site: 365 / Storage Container N	☒ gal. ☐ lbs. ☐ cu.ft. ☐ tons		☒ amb. ☐ > amb. ☐ < amb.	☒ amb. ☐ > amb. ☐ < amb. ☐ cryo.	☐ fire ☐ reactive ☐ pressure release ☐ acute health ☐ chronic health ☐ radioactive
CL3B	Quick Change Pump Service Cart #2	**MPO-190-5 (Mech. Pump Oil) TKO-19 ULTRA (Pump Oil)** Cas No: ☐ EHS			☐		☐ pure ☐ mixture ☐ solid ☒ liquid ☐ gas	10 / 10 / 5 Curies: / Days on Site: 365 / Storage Container N	☒ gal. ☐ lbs. ☐ cu.ft. ☐ tons		☒ amb. ☐ > amb. ☐ < amb.	☒ amb. ☐ > amb. ☐ < amb. ☐ cryo.	☒ fire ☐ reactive ☐ pressure release ☐ acute health ☐ chronic health ☐ radioactive
CL3B	WAFAB Chiller #1	**Coolant Mixture** Cas No: ☐ EHS	Ethylene Glycol Water	50 50	☐	111-46-6 7732-18-5	☐ pure ☒ mixture ☐ solid ☒ liquid ☐ gas	2 / 2 / 2 Curies: / Days on Site: 365 / Storage Container R	☒ gal. ☐ lbs. ☐ cu.ft. ☐ tons		☒ amb. ☐ > amb. ☐ < amb.	☐ amb. ☒ > amb. ☐ < amb. ☐ cryo.	☐ fire ☐ reactive ☐ pressure release ☐ acute health ☐ chronic health ☐ radioactive
CL3B	WAFAB Chiller #2	**Coolant Mixture** Cas No: ☐ EHS	Ethylene Glycol Water	50 50	☐	111-46-6 7732-18-5	☐ pure ☒ mixture ☐ solid ☒ liquid ☐ gas	2 / 2 / 2 Curies: / Days on Site: 365 / Storage Container R	☒ gal. ☐ lbs. ☐ cu.ft. ☐ tons		☒ amb. ☐ > amb. ☐ < amb.	☐ amb. ☒ > amb. ☐ < amb. ☐ cryo.	☐ fire ☐ reactive ☐ pressure release ☐ acute health ☐ chronic health ☐ radioactive
FL-1B IRR	Baxter Refrig.	**Cyclotene** Cas No: ☐ EHS	B staged divinylsiloxane-bis-benzocyclobutene Mesitylene	26-44 50-73	☐	12221-30-3 108-67-8	☐ pure ☒ mixture ☐ solid ☒ liquid ☐ gas	1 / 1 / 0.125 Curies: / Days on Site: 365 / Storage Container N	☒ gal. ☐ lbs. ☐ cu.ft. ☐ tons		☒ amb. ☐ > amb. ☐ < amb.	☐ amb. ☐ > amb. ☒ < amb. ☐ cryo.	☒ fire ☐ reactive ☐ pressure release ☐ acute health ☒ chronic health ☐ radioactive
COR TOX	Mask Scrubber SSEC	**Ammonium HydroxideSolution** Cas No: ☐ EHS	Ammonium hydroxide Water	1 bal.	☐	1336-21-6 7732-18-5	☐ pure ☒ mixture ☐ solid ☒ liquid ☐ gas	3 / 3 / 3 Curies: / Days on Site: 365 / Storage Container L	☒ gal. ☐ lbs. ☐ cu.ft. ☐ tons		☐ amb. ☒ > amb. ☐ < amb.	☒ amb. ☐ > amb. ☐ < amb. ☐ cryo.	☐ fire ☐ reactive ☐ pressure release ☐ acute health ☒ chronic health ☐ radioactive
IRR	Mask Scrubber SSEC	**Micro Cleans** Cas No: ☐ EHS	Soap Water	>1 bal.	☐	1336-21-6 7732-18-5	☐ pure ☒ mixture ☐ solid ☒ liquid ☐ gas	3 / 3 / 3 Curies: / Days on Site: 365 / Storage Container L	☒ gal. ☐ lbs. ☐ cu.ft. ☐ tons		☐ amb. ☒ > amb. ☐ < amb.	☒ amb. ☐ > amb. ☐ < amb. ☐ cryo.	☐ fire ☐ reactive ☐ pressure release ☐ acute health ☐ chronic health ☐ radioactive

Code	Storage Type	Code	Storage Type	Code	Storage Type	Code	Storage Type	Code	Storage Type	Code	Storage Type
A	Aboveground Tank	D	Steel Drum	G	Carboy	J	Bag	M	Glass Bottle or Jug	P	Tank Wagon
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C	Tank Inside Building	F	Can	I	Fiber Drum	L	Cylinder	O	Tote Bin	R	Tank Wagon

If EPCRA, sign below: _____

Non-Waste Hazardous Materials Inventory Statement

For Use By Unidocs Member Agencies or where approved by your Local Jurisdiction

Date: 9/30/2004

Business Name: (Same as Facility Name/DBA) **WJ Communications**

Type of Report on This Page: ☐ Add; ☐ Delete; ☐ Revise;

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Chemical Location: (Building/Storage Area) **AREA F**

EPCRA Confidential Location? ☐ Yes ☒ No

Trade Secret Information? ☐ Yes ☒ No

Facility ID# (Agency Use Only)

1 Haz. Class	2. Map/ Grid or LC	3. Common Name	4. Hazardous Components (For mixtures only) Chemical Name	% Wt.	EHS	CAS No.	5. Type and Physical State	6. Quantities Max. Daily	Average Daily	Lgst. Cont	7. Units	8. Storage Codes Pressure	Temp.	9. Hazard Categories
OXG	Matrix Asher	**Oxygen** Cas No: ☐ EHS 7482-44-7			☐		☒ pure ☐ mixture ☐ solid ☐ liquid ☒ gas	249 Curies:	249 Days on Site: 365	249 Storage Container L	☐ gal. ☐ lbs. ☒ cu.ft. ☐ tons	☐ amb. ☒ > amb. ☐ < amb.	☒ amb. ☐ > amb. ☐ < amb. ☐ cryo.	☐ fire ☐ reactive ☒ pressure release ☐ acute health ☐ chronic health ☐ radioactive
		INTENTIONALLY LEFT BLANK Cas No: ☐ EHS			☐		☐ pure ☐ mixture ☐ solid ☐ liquid ☐ gas	Curies:	Days on Site:	Storage Container	☐ gal. ☐ lbs. ☐ cu.ft. ☐ tons	☐ amb. ☐ > amb. ☐ < amb.	☐ amb. ☐ > amb. ☐ < amb. ☐ cryo.	☐ fire ☐ reactive ☐ pressure release ☐ acute health ☐ chronic health ☐ radioactive
		INTENTIONALLY LEFT BLANK Cas No: ☐ EHS			☐		☐ pure ☐ mixture ☐ solid ☐ liquid ☐ gas	Curies:	Days on Site:	Storage Container	☐ gal. ☐ lbs. ☐ cu.ft. ☐ tons	☐ amb. ☐ > amb. ☐ < amb.	☐ amb. ☐ > amb. ☐ < amb. ☐ cryo.	☐ fire ☐ reactive ☐ pressure release ☐ acute health ☐ chronic health ☐ radioactive
		INTENTIONALLY LEFT BLANK Cas No: ☐ EHS			☐		☐ pure ☐ mixture ☐ solid ☐ liquid ☐ gas	Curies:	Days on Site:	Storage Container	☐ gal. ☐ lbs. ☐ cu.ft. ☐ tons	☐ amb. ☐ > amb. ☐ < amb.	☐ amb. ☐ > amb. ☐ < amb. ☐ cryo.	☐ fire ☐ reactive ☐ pressure release ☐ acute health ☐ chronic health ☐ radioactive
IRR	Wet Sink #11	**Advantage 2000 Developer KB-1A** Cas No: ☐ EHS	Potassium carbonate Non-hazardous and Other ingredients below reportable levels	10-30 balance	☐	584-08-7	☐ pure ☒ mixture ☐ solid ☒ liquid ☐ gas	1 Curies:	1 Days on Site: 365	1 Storage Container N	☒ gal. ☐ lbs. ☐ cu.ft. ☐ tons	☒ amb. ☐ > amb. ☐ < amb.	☒ amb. ☐ > amb. ☐ < amb. ☐ cryo.	☐ fire ☐ reactive ☐ pressure release ☒ acute health ☐ chronic health ☐ radioactive
CL	Wet Sink #11	**Advantage 2000 Developer KB-1B** Cas No: ☐ EHS	Ethylene glycol monobutyl ether Non-hazardous and Other ingredients below reportable levels	60-100 balance	☐	111-76-2	☐ pure ☒ mixture ☐ solid ☒ liquid ☐ gas	1 Curies:	1 Days on Site: 365	1 Storage Container N	☒ gal. ☐ lbs. ☐ cu.ft. ☐ tons	☒ amb. ☐ > amb. ☐ < amb.	☒ amb. ☐ > amb. ☐ < amb. ☐ cryo.	☒ fire ☐ reactive ☐ pressure release ☒ acute health ☒ chronic health ☐ radioactive
	Wet Sink #9	**NOT IN USE** Cas No: ☐ EHS			☐		☐ pure ☐ mixture ☐ solid ☐ liquid ☐ gas	Curies:	Days on Site:	Storage Container	☐ gal. ☐ lbs. ☐ cu.ft. ☐ tons	☐ amb. ☐ > amb. ☐ < amb.	☐ amb. ☐ > amb. ☐ < amb. ☐ cryo.	☐ fire ☐ reactive ☐ pressure release ☐ acute health ☐ chronic health ☐ radioactive

* Code Storage Type

Code	Storage Type	Code	Storage Type	Code	Storage Type	Code	Storage Type	Code	Storage Type	Code	Storage Type
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Date: 9/30/2004

Business Name: (Same as Facility Name/DBA) **WJ Communications**

Type of Report on This Page: ☐ Add; ☐ Delete; ☐ Revise;

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Chemical Location: (Building/Storage Area) **AREA F**

EPCRA Confidential Location? Trade Secret Information? ☐ Yes ☒ No / ☐ Yes ☒ No

Facility ID# (Agency Use Only)

1. Haz. Class	2. Map/ Grid or LC	3. Common Name	4. Hazardous Components (For mixtures only) Chemical Name	% Wt.	EHS	CAS No.	5. Type and Physical State	6. Quantities Max. Daily / Average Daily / Lgst. Cont	7. Units	8. Storage Codes Pressure / Temp.	9. Hazard Categories
		INTENTIONALLY LEFT BLANK Cas No: ☐ EHS			☐		☐ pure ☐ mixture ☐ solid ☐ liquid ☐ gas	Curies: / Days on Site: / Storage Container	☐ gal. ☐ lbs. ☐ cu.ft. ☐ tons	☐ amb. ☐ > amb. ☐ < amb. / ☐ amb. ☐ > amb. ☐ < amb. ☐ cryo.	☐ fire ☐ reactive ☐ pressure release ☐ acute health ☐ chronic health ☐ radioactive
		INTENTIONALLY LEFT BLANK Cas No: ☐ EHS			☐		☐ pure ☐ mixture ☐ solid ☐ liquid ☐ gas	Curies: / Days on Site: / Storage Container	☐ gal. ☐ lbs. ☐ cu.ft. ☐ tons	☐ amb. ☐ > amb. ☐ < amb. / ☐ amb. ☐ > amb. ☐ < amb. ☐ cryo.	☐ fire ☐ reactive ☐ pressure release ☐ acute health ☐ chronic health ☐ radioactive
		INTENTIONALLY LEFT BLANK Cas No: ☐ EHS			☐		☐ pure ☐ mixture ☐ solid ☐ liquid ☐ gas	Curies: / Days on Site: / Storage Container	☐ gal. ☐ lbs. ☐ cu.ft. ☐ tons	☐ amb. ☐ > amb. ☐ < amb. / ☐ amb. ☐ > amb. ☐ < amb. ☐ cryo.	☐ fire ☐ reactive ☐ pressure release ☐ acute health ☐ chronic health ☐ radioactive
COR TOX	Base Cab. #3	**Resist Developer RD 6** Cas No: ☐ EHS	Water Tetramethyl ammonium hydroxide Additive	97-98 2-3 <1	☐	7732-18-5 75-59-2 N/A	☐ pure ☒ mixture ☐ solid ☒ liquid ☐ gas	16 / 12 / 1 Curies: / Days on Site: 365 / Storage Container N	☒ gal. ☐ lbs. ☐ cu.ft. ☐ tons	☒ amb. ☐ > amb. ☐ < amb. / ☒ amb. ☐ > amb. ☐ < amb. ☐ cryo.	☐ fire ☐ reactive ☐ pressure release ☐ acute health ☐ chronic health ☐ radioactive
IRR	Base Cab. #3	**Developer AZ 400K Condentrate** Cas No: ☐ EHS *	Water Potassium borates	>85 <15	☐	7732-18-5 20786-60-1	☐ pure ☒ mixture ☒ solid ☐ liquid ☐ gas	16 / 12 / 1 Curies: / Days on Site: 365 / Storage Container N	☒ gal. ☐ lbs ☐ cu.ft. ☐ tons	☒ amb. ☐ > amb. ☐ < amb. / ☒ amb. ☐ > amb. ☐ < amb. ☐ cryo.	☐ fire ☐ reactive ☐ pressure release ☒ acute health ☐ chronic health ☐ radioactive
IRR	Base Cab. #3	**AZ 400K Developer Diluted 1:3 Base** Cas No: ☐ EHS	Water Potassium borates	>95 <5	☐	7732-18-5 20786-60-1	☐ pure ☒ mixture ☒ solid ☐ liquid ☐ gas	16 / 12 / 1 Curies: / Days on Site: 365 / Storage Container N	☒ gal. ☐ lbs. ☐ cu.ft. ☐ tons	☒ amb. ☐ > amb. ☐ < amb. / ☒ amb. ☐ > amb. ☐ < amb. ☐ cryo.	☐ fire ☐ reactive ☐ pressure release ☒ acute health ☐ chronic health ☐ radioactive
COR TOX	Base Cab. #3	**Ammonium Hydroxide (10-35%)** Cas No: ☐ EHS	Ammonium hydroxide Water	35 65	☐	1336-21-6 7732-18-5	☐ pure ☒ mixture ☒ solid ☐ liquid ☐ gas	4 / 3 / 1 Curies: / Days on Site: 365 / Storage Container N	☒ gal. ☐ lbs. ☐ cu.ft. ☐ tons	☒ amb ☐ > amb. ☐ < amb. / ☒ amb. ☐ > amb. ☐ < amb. ☐ cryo.	☐ fire ☐ reactive ☐ pressure release ☒ acute health ☐ chronic health ☐ radioactive

* Storage Type Codes: A Aboveground Tank; B Belowground Tank; C Tank Inside Building; D Steel Drum; E Plastic/Nonmetallic Drum; F Can; G Carboy; H Silo; I Fiber Drum; J Bag; K Box; L Cylinder; M Glass Bottle or Jug; N Plastic Bottle or Jug; O Tote Bin; P Tank Wagon; Q Rail Car; R Tank Wagon

If EPCRA, sign below: _____

Non-Waste Hazardous Materials Inventory Statement

For Use By Unidocs Member Agencies or where approved by your Local Jurisdiction

Date: 9/30/2004

Business Name: (Same as Facility Name/DBA)	**WJ Communications**	**Type of Report on This Page:** ☐ Add; ☐ Delete; ☐ Revise;	**Page** 17 **of** 55 (One page per building area)
Chemical Location: (Building/Storage Area)	**AREA F**	**EPCRA Confidential Location?** ☐ Yes ☒ No **Trade Secret Information?** ☐ Yes ☒ No	**Facility ID#** (Agency Use Only)

1. Haz. Class	2. Map/ Grid or LC	3. Common Name	4. Hazardous Components (For mixtures only) Chemical Name	% Wt.	EHS	CAS No.	5. Type and Physical State	6. Quantities Max. Daily / Average Daily / Lgst. Cont	7. Units	8. Storage Codes Pressure / Temp.	9. Hazard Categories
TOX, OX	Base Cab. #8	**Grain Refiner ACR 414 Brightener** Cas No: ☐ EHS	Thallium nitrate		☐		☒ pure ☐ mixture ☐ solid ☒ liquid ☐ gas	0.4 / 0.4 / 0.1 Curies: / Days on Site: 365 / Storage Container	☒ gal. ☐ lbs. ☐ cu.ft. ☐ tons	☒ amb. ☐ > amb. ☐ < amb. / ☒ amb. ☐ > amb. ☐ < amb. ☐ cryo.	☐ fire ☐ reactive ☐ pressure release ☒ acute health ☐ chronic health ☐ radioactive
COR TOX	Base Cab. #8	**Ammonium Hydroxide (10-35%)** Cas No: ☐ EHS	Ammonium hydroxide Water	35 65	☐	1336-21-6 7732-18-5	☐ pure ☒ mixture ☐ solid ☒ liquid ☐ gas	4 / 2 / 1 Curies: / Days on Site: 365 / Storage Container N	☒ gal. ☐ lbs. ☐ cu.ft. ☐ tons	☒ amb. ☐ > amb. ☐ < amb. / ☒ amb. ☐ > amb. ☐ < amb. ☐ cryo.	☐ fire ☐ reactive ☐ pressure release ☐ acute health ☐ chronic health ☐ radioactive
COR	Base Cab. #8	**Sodium Hydroxide Pellets White** Cas No: ☐ EHS 1310-73-2			☐		☐ pure ☐ mixture ☒ solid ☐ liquid ☐ gas	4 / 2 / 1 Curies: / Days on Site: 365 / Storage Container N	☐ gal. ☒ lbs. ☐ cu.ft. ☐ tons	☒ amb. ☐ > amb. ☐ < amb. / ☒ amb. ☐ > amb. ☐ < amb. ☐ cryo.	☐ fire ☐ reactive ☐ pressure release ☐ acute health ☐ chronic health ☐ radioactive
TOX	Base Cab. #8	**Gold Etchant Type TFA** Cas No: ☐ EHS	Iodine complex Potassium iodide Water		☐	7553-56-2 7681-11-0 7732-18-5	☐ pure ☒ mixture ☐ solid ☒ liquid ☐ gas	4 / 2 / 1 Curies: / Days on Site: 365 / Storage Container M	☒ gal. ☐ lbs. ☐ cu.ft. ☐ tons	☒ amb. ☐ > amb. ☐ < amb. / ☒ amb. ☐ > amb. ☐ < amb. ☐ cryo.	☐ fire ☒ reactive ☐ pressure release ☒ acute health ☒ chronic health ☐ radioactive
COR TOX	Base Cab. #8	**BDT 510 Gold Bath Replenisher** Cas No: ☐ EHS	Sodium aurosulfite Water		☐	19153-98-1 7732-18-5	☐ pure ☒ mixture ☐ solid ☒ liquid ☐ gas	6 / 4 / 0.25 Curies: / Days on Site: 365 / Storage Container N	☒ gal. ☐ lbs. ☐ cu.ft. ☐ tons	☒ amb. ☐ > amb. ☐ < amb. / ☒ amb. ☐ > amb. ☐ < amb. ☐ cryo.	☐ fire ☒ reactive ☐ pressure release ☒ acute health ☐ chronic health ☐ radioactive
COR TOX	Base Cab. #8	**BDT 510 Brightner** Cas No: ☒ EHS 13967-50-5	Sodium arsenite Water	<5 <100	☐	7784-46-5 7732-18-5	☐ pure ☒ mixture ☐ solid ☒ liquid ☐ gas	6 / 4 / 0.25 Curies: / Days on Site: 365 / Storage Container N	☒ gal. ☐ lbs. ☐ cu.ft. ☐ tons	☒ amb. ☐ > amb. ☐ < amb. / ☒ amb. ☐ > amb. ☐ < amb. ☐ cryo.	☐ fire ☒ reactive ☐ pressure release ☐ acute health ☒ chronic health ☐ radioactive
COR TOX	Base Cab. #8	**BDT 510 Make-Up** Cas No: ☐ EHS	Water Gold sulfite Additive (not specified)	<90 <10 <10	☐	7732-18-5 19153-98-1 N/A	☒ pure ☐ mixture ☐ solid ☒ liquid ☐ gas	4 / 2 / 5 Curies: / Days on Site: 365 / Storage Container N	☒ gal. ☐ lbs. ☐ cu.ft. ☐ tons	☒ amb. ☐ > amb. ☐ < amb. / ☒ amb. ☐ > amb. ☐ < amb. ☐ cryo.	☐ fire ☐ reactive ☐ pressure release ☒ acute health ☐ chronic health ☐ radioactive

* Code — Storage Type

Code	Storage Type	Code	Storage Type	Code	Storage Type	Code	Storage Type	Code	Storage Type	Code	Storage Type
A	Aboveground Tank	D	Steel Drum	G	Carboy	J	Bag	M	Glass Bottle or Jug	P	Tank Wagon
B	Belowground Tank	E	Plastic/Nonmetallic Drum	H	Silo	K	Box	N	Plastic Bottle or Jug	Q	Rail Car
C	Tank Inside Building	F	Can	I	Fiber Drum	L	Cylinder	O	Tote Bin	R	Tank Wagon

If EPCRA, sign below: _____

Non-Waste Hazardous Materials Inventory Statement

For Use By Unidocs Member Agencies or where approved by your Local Jurisdiction

Date: 9/30/2004

Business Name: (Same as Facility Name/DBA)	**WJ Communications**	**Type of Report on This Page:** ☐ Add; ☐ Delete; ☐ Revise;	**Page** 11 of 33 (One page per building area)
Chemical Location: (Building/Storage Area)	**AREA F**	**EPCRA Confidential Location?** ☐ Yes ☒ No **Trade Secret Information?** ☐ Yes ☒ No	**Facility ID#** (Agency Use Only)

1 Haz. Class	2. Map/ Grid or LC	3. Common Name	4. Hazardous Components (For mixtures only) Chemical Name	% Wt.	EHS	CAS No.	5. Type and Physical State	6. Quantities Max. Daily	Average Daily	Lgst. Cont	7. Units	8. Storage Codes Pressure	Temp.	9. Hazard Categories
COR	Base Cab. #8	**Sodium Sulphate** Cas No: 7727-73-3 ☐ EHS			☐		☒ pure ☐ mixture ☒ solid ☐ liquid ☐ gas	4 Curies:	2 Days on Site: 365	1 Storage Container N	☐ gal. ☒ lbs. ☐ cu.ft. ☐ tons	☒ amb. ☐ > amb. ☐ < amb.	☒ amb. ☐ > amb. ☐ < amb. ☐ cryo.	☐ fire ☐ reactive ☐ pressure release ☐ acute health ☐ chronic health ☐ radioactive
COR	Base Cab. #8	**Sodium Hydroxide Solution** Cas No: ☐ EHS	Sodium hydroxide Water	20 bal.	☐	1310-73-2 7732-18-5	☐ pure ☒ mixture ☐ solid ☒ liquid ☐ gas	0.25 Curies:	0.25 Days on Site: 365	0.25 Storage Container N	☒ gal. ☐ lbs. ☐ cu.ft. ☐ tons	☒ amb. ☐ > amb. ☐ < amb.	☒ amb. ☐ > amb. ☐ < amb. ☐ cryo.	☐ fire ☐ reactive ☐ pressure release ☐ acute health ☐ chronic health ☐ radioactive
		INTENTIONALLY LEFT BLANK Cas No: ☐ EHS			☐		☐ pure ☐ mixture ☐ solid ☐ liquid ☐ gas	Curies:	Days on Site:	Storage Container	☐ gal. ☐ lbs. ☐ cu.ft. ☐ tons	☐ amb. ☐ > amb. ☐ < amb.	☐ amb. ☐ > amb. ☐ < amb. ☐ cryo.	☐ fire ☐ reactive ☐ pressure release ☐ acute health ☐ chronic health ☐ radioactive
		INTENTIONALLY LEFT BLANK Cas No: ☐ EHS			☐		☐ pure ☐ mixture ☐ solid ☐ liquid ☐ gas	Curies:	Days on Site:	Storage Container	☐ gal. ☐ lbs. ☐ cu.ft. ☐ tons	☐ amb. ☐ > amb. ☐ < amb.	☐ amb. ☐ > amb. ☐ < amb. ☐ cryo.	☐ fire ☐ reactive ☐ pressure release ☐ acute health ☐ chronic health ☐ radioactive
		INTENTIONALLY LEFT BLANK Cas No: ☐ EHS			☐		☐ pure ☐ mixture ☐ solid ☐ liquid ☐ gas	Curies:	Days on Site:	Storage Container	☐ gal. ☐ lbs. ☐ cu.ft. ☐ tons	☐ amb. ☐ > amb. ☐ < amb.	☐ amb. ☐ > amb. ☐ < amb. ☐ cryo.	☐ fire ☐ reactive ☐ pressure release ☐ acute health ☐ chronic health ☐ radioactive
COR TOX	Base Cab. #9	**Ammonium Hydroxide (10-35%)** Cas No: ☐ EHS	Ammonium hydroxide Water	35 65	☐	1336-21-6 7732-18-5	☐ pure ☒ mixture ☐ solid ☒ liquid ☐ gas	2 Curies:	2 Days on Site: 365	1 Storage Container N	☒ gal. ☐ lbs. ☐ cu.ft. ☐ tons	☒ amb. ☐ > amb. ☐ < amb.	☒ amb. ☐ > amb. ☐ < amb. ☐ cryo.	☐ fire ☐ reactive ☐ pressure release ☐ acute health ☐ chronic health ☐ radioactive
		INTENTIONALLY LEFT BLANK Cas No: ☐ EHS			☐		☐ pure ☐ mixture ☐ solid ☐ liquid ☐ gas	Curies:	Days on Site:	Storage Container	☐ gal. ☐ lbs. ☐ cu.ft. ☐ tons	☐ amb. ☐ > amb. ☐ < amb.	☐ amb. ☐ > amb. ☐ < amb. ☐ cryo.	☐ fire ☐ reactive ☐ pressure release ☐ acute health ☐ chronic health ☐ radioactive

Code	Storage Type	Code	Storage Type	Code	Storage Type	Code	Storage Type	Code	Storage Type	Code	Storage Type
A	Aboveground Tank	D	Steel Drum	G	Carboy	J	Bag	M	Glass Bottle or Jug	P	Tank Wagon
B	Belowground Tank	E	Plastic/Nonmetallic Drum	H	Silo	K	Box	N	Plastic Bottle or Jug	Q	Rail Car
C	Tank Inside Building	F	Can	I	Fiber Drum	L	Cylinder	O	Tote Bin	R	Tank Wagon

If EPCRA, sign below: _____

Non-Waste Hazardous Materials Inventory Statement

For Use By Unidocs Member Agencies or where approved by your Local Jurisdiction

Date: 9/30/2004

Business Name: (Same as Facility Name/DBA) **WJ Communications**

Type of Report on This Page: ☐ Add; ☐ Delete; ☐ Revise;

Page 15 **of** 33 (One page per building area)

Chemical Location: (Building/Storage Area) **AREA F**

EPCRA Confidential Location? ☐ Yes ☒ No

Trade Secret Information? ☐ Yes ☒ No

Facility ID# (Agency Use Only)

1 Haz. Class	2. Map/ Grid or LC	3. Common Name	4. Hazardous Components (For mixtures only) Chemical Name	% Wt.	EHS	CAS No.	5. Type and Physical State	6. Quantities Max. Daily / Average Daily / Lgst. Cont	Units	7.	8. Storage Codes Pressure / Temp.	9. Hazard Categories
COR	Acid Cab. #6	**Buffered Oxide Etch 930** Cas No: ☒ EHS	Hydrofluoric acid Ammonium fluoride		☐	7664-39-3 12125-01-8	☐ pure ☒ mixture ☐ solid ☒ liquid ☐ gas	8 / 6 / 1 Curies: / Days on Site: 365 / Storage Container N	☒ gal. ☐ lbs. ☐ cu.ft. ☐ tons		☒ amb. / ☒ amb. ☐ > amb. / ☐ > amb. ☐ < amb. / ☐ < amb. ☐ cryo.	☐ fire ☐ reactive ☐ pressure release ☐ acute health ☐ chronic health ☐ radioactive
COR	Acid Cab. #6	**Hydrochloric Acid** Cas No: ☐ EHS 7647-01-0			☐		☒ pure ☐ mixture ☐ solid ☒ liquid ☐ gas	10 / 6 / 6 Curies: / Days on Site: 365 / Storage Container M	☐ gal. ☒ lbs. ☐ cu.ft. ☐ tons		☒ amb. / ☒ amb. ☐ > amb. / ☐ > amb. ☐ < amb. / ☐ < amb. ☐ cryo.	☐ fire ☐ reactive ☐ pressure release ☒ acute health ☒ chronic health ☐ radioactive
COR TOX	Acid Cab. #6	**HF dip 20:1, acid** Cas No: ☐ EHS	Hydrofluoric acid Water	<10 >90	☒	7664-39-3 7732-18-5	☐ pure ☒ mixture ☐ solid ☒ liquid ☐ gas	6 / 5 / 1 Curies: / Days on Site: 365 / Storage Container N	☒ gal. ☐ lbs. ☐ cu.ft ☐ tons		☒ amb. / ☒ amb. ☐ > amb. / ☐ > amb. ☐ < amb. / ☐ < amb. ☐ cryo.	☐ fire ☐ reactive ☐ pressure release ☒ acute health ☐ chronic health ☐ radioactive
COR	Acid Cab. #6	**HF dip 100:1, acid** Cas No: ☐ EHS	Hydrofluoric acid Water	<1 >99	☐	7664-39-3 7732-18-5	☐ pure ☒ mixture ☐ solid ☒ liquid ☐ gas	6 / 5 / 1 Curies: / Days on Site: 365 / Storage Container N	☒ gal. ☐ lbs. ☐ cu.ft. ☐ tons		☒ amb. / ☒ amb. ☐ > amb. / ☐ > amb. ☐ < amb. / ☐ < amb. ☐ cryo.	☐ fire ☐ reactive ☐ pressure release ☒ acute health ☒ chronic health ☐ radioactive
COR	Acid Cab. #6	**Sulfuric Acid 3:1** Cas No: ☐ EHS	Sulfuric acid Water	25 75	☒	7664-93-9 7732-18-5	☐ pure ☒ mixture ☐ solid ☒ liquid ☐ gas	5 / 5 / 1 Curies: / Days on Site: 365 / Storage Container M	☐ gal. ☒ lbs. ☐ cu.ft. ☐ tons		☒ amb. / ☒ amb. ☐ > amb. / ☐ > amb. ☐ < amb. / ☐ < amb. ☐ cryo.	☐ fire ☒ reactive ☐ pressure release ☐ acute health ☒ chronic health ☐ radioactive
COR	Acid Cab. #6	**Citric Acid MonoHydrate** Cas No: ☐ EHS 77-92-9			☐		☒ pure ☐ mixture ☒ solid ☐ liquid ☐ gas	18 / 14 / 1 Curies: / Days on Site: 365 / Storage Container N	☐ gal. ☒ lbs. ☐ cu.ft. ☐ tons		☒ amb. / ☒ amb. ☐ > amb. / ☐ > amb. ☐ < amb. / ☐ < amb. ☐ cryo.	☐ fire ☐ reactive ☐ pressure release ☐ acute health ☐ chronic health ☐ radioactive
COR WR-1	Acid Cab. #6	**Sulfuric Acid, Conc.** Cas No: ☒ EHS 7664-93-9			☐		☐ pure ☒ mixture ☐ solid ☒ liquid ☐ gas	12 / 10 / 15 Curies: / Days on Site: 365 / Storage Container M	☐ gal. ☒ lbs. ☐ cu.ft. ☐ tons		☒ amb. / ☒ amb. ☐ > amb. / ☐ > amb. ☐ < amb. / ☐ < amb. ☐ cryo.	☐ fire ☒ reactive ☐ pressure release ☒ acute health ☐ chronic health ☐ radioactive

* Code / Storage Type

Code	Storage Type	Code	Storage Type	Code	Storage Type	Code	Storage Type	Code	Storage Type	Code	Storage Type
A	Aboveground Tank	D	Steel Drum	G	Carboy	J	Bag	M	Glass Bottle or Jug	P	Tank Wagon
B	Belowground Tank	E	Plastic/Nonmetallic Drum	H	Silo	K	Box	N	Plastic Bottle or Jug	Q	Rail Car
C	Tank Inside Building	F	Can	I	Fiber Drum	L	Cylinder	O	Tote Bin	R	Tank Wagon

If EPCRA, sign below: _____

Non-Waste Hazardous Materials Inventory Statement

For Use By Unidocs Member Agencies or where approved by your Local Jurisdiction

Date: 9/30/2004

Business Name: (Same as Facility Name/DBA)	**WJ Communications**	**Type of Report on This Page:** ☐ Add; ☐ Delete; ☐ Revise;	**Page** 16 **of** 33 (One page per building area)
Chemical Location: (Building/Storage Area)	**AREA F**	**EPCRA Confidential Location?** ☐ Yes ☒ No **Trade Secret Information?** ☐ Yes ☒ No	**Facility ID#** (Agency Use Only)

1. Haz. Class	2. Map/ Grid or LC	3. Common Name / Chemical Name / Cas No. / EHS	4. Hazardous Components (For mixtures only) % Wt.	EHS	CAS No.	5. Type and Physical State	6. Quantities Max. Daily / Average Daily / Lgst. Cont	7. Units	8. Storage Codes Pressure / Temp.	9. Hazard Categories
		INTENTIONALLY LEFT BLANK Cas No: ☐ EHS		☐		☐ pure ☐ mixture ☐ solid ☐ liquid ☐ gas	Curies: / Days on Site: / Storage Container	☐ gal. ☐ lbs. ☐ cu.ft. ☐ tons	☐ amb. ☐ > amb. ☐ < amb. / ☐ amb. ☐ > amb. ☐ < amb. ☐ cryo.	☐ fire ☐ reactive ☐ pressure release ☐ acute health ☐ chronic health ☐ radioactive
COR OX-1	OXY Cab. #7	**Nitric Acid, 70%** Cas No: ☐ EHS 7697-37-2		☐		☒ pure ☐ mixture ☐ solid ☒ liquid ☐ gas	6 / 4 / 1 Curies: / Days on Site: 365 / Storage Container M	☒ gal. ☐ lbs. ☐ cu.ft. ☐ tons	☒ amb. ☐ > amb. ☐ < amb. / ☒ amb. ☐ > amb. ☐ < amb. ☐ cryo.	☐ fire ☐ reactive ☐ pressure release ☐ acute health ☐ chronic health ☐ radioactive
COR OX-1	OXY Cab. #7	**Hydrogen Peroxide, 30%** Cas No: ☐ EHS	Hydrogen peroxide 30 Water /0	☐	7722-84-1 7732-18-5	☒ pure ☐ mixture ☐ solid ☒ liquid ☐ gas	12 / 10 / 1 Curies: / Days on Site: 365 / Storage Container N	☒ gal. ☐ lbs. ☐ cu.ft. ☐ tons	☒ amb. ☐ > amb. ☐ < amb. / ☒ amb. ☐ > amb. ☐ < amb. ☐ cryo.	☒ fire ☐ reactive ☐ pressure release ☐ acute health ☐ chronic health ☐ radioactive
COR OX-1	OXY Cab. #7	**Hydrogen Peroxide (10%) /Citric Acid Sol.** ☐ EHS	Hydrogen peroxide 10 Citric acid 10 Water bal.	☐	7722-84-1 77-92-9 7732-18-5	☐ pure ☒ mixture ☐ solid ☒ liquid ☐ gas	3 / 2 / 1 Curies: / Days on Site: 365 / Storage Container N	☒ gal. ☐ lbs. ☐ cu.ft. ☐ tons	☒ amb. ☐ > amb. ☐ < amb. / ☒ amb. ☐ > amb. ☐ < amb. ☐ cryo.	☐ fire ☐ reactive ☐ pressure release ☐ acute health ☐ chronic health ☐ radioactive
		Cas No: ☐ EHS		☐		☐ pure ☐ mixture ☐ solid ☐ liquid ☐ gas	Curies: / Days on Site: / Storage Container	☐ gal. ☐ lbs. ☐ cu.ft. ☐ tons	☐ amb. ☐ > amb. ☐ < amb. / ☐ amb. ☐ > amb. ☐ < amb. ☐ cryo.	☐ fire ☐ reactive ☐ pressure release ☐ acute health ☐ chronic health ☐ radioactive
		Cas No: ☐ EHS		☐		☐ pure ☐ mixture ☐ solid ☐ liquid ☐ gas	Curies: / Days on Site: / Storage Container	☐ gal. ☐ lbs. ☐ cu.ft. ☐ tons	☐ amb. ☐ > amb. ☐ < amb. / ☐ amb. ☐ > amb. ☐ < amb. ☐ cryo.	☐ fire ☐ reactive ☐ pressure release ☐ acute health ☐ chronic health ☐ radioactive
		Cas No: ☐ EHS		☐		☐ pure ☐ mixture ☐ solid ☐ liquid ☐ gas	Curies: / Days on Site: / Storage Container	☐ gal. ☐ lbs. ☐ cu.ft. ☐ tons	☐ amb. ☐ > amb. ☐ < amb. / ☐ amb. ☐ > amb. ☐ < amb. ☐ cryo.	☐ fire ☐ reactive ☐ pressure release ☐ acute health ☐ chronic health ☐ radioactive

* Code Storage Type

Code	Storage Type	Code	Storage Type	Code	Storage Type	Code	Storage Type	Code	Storage Type	Code	Storage Type
A	Aboveground Tank	D	Steel Drum	G	Carboy	J	Bag	M	Glass Bottle or Jug	P	Tank Wagon
B	Belowground Tank	E	Plastic/Nonmetallic Drum	H	Silo	K	Box	N	Plastic Bottle or Jug	Q	Rail Car
C	Tank Inside Building	F	Can	I	Fiber Drum	L	Cylinder	O	Tote Bin	R	Tank Wagon

If EPCRA, sign below: _____

Non-Waste Hazardous Materials Inventory Statement

For Use By Unidocs Member Agencies or where approved by your Local Jurisdiction

Date: 9/30/2004

Business Name: (Same as Facility Name/DBA) **WJ Communications**

Type of Report on This Page: ☐ Add; ☐ Delete; ☐ Revise;

Page 17 **of** 55 (One page per building area)

Chemical Location: (Building/Storage Area) **AREA F**

EPCRA Confidential Location? ☐ Yes ☒ No

Trade Secret Information? ☐ Yes ☒ No

Facility ID# (Agency Use Only)

1. Haz. Class	2. Map/ Grid or LC	3. Common Name	Hazardous Components (For mixtures only) Chemical Name	% Wt.	EHS	CAS No.	5. Type and Physical State	6. Quantities Max. Daily / Average Daily / Lgst. Cont	7. Units	8. Storage Codes Pressure / Temp.	9. Hazard Categories
COR	Acid Cab. #10	**Etch Solution** Cas No: ☐ EHS	Water Phosphoric acid Hydrogen peroxide	73 20 7	☐ ☐ ☐	7732-18-5 7644-38-2 7722-84-1	☐ pure ☒ mixture ☐ solid ☒ liquid ☐ gas	1 Curies: Days on Site: Storage Container: N	☒ gal. ☐ lbs. ☐ cu.ft. ☐ tons	☒ amb. ☐ > amb. ☐ < amb. / ☒ amb. ☐ < amb. ☐ cryo.	☐ fire ☐ reactive ☐ pressure release ☐ acute health ☐ chronic health ☐ radioactive
COR	Acid Cab. #10	**Potassium Citrate** Cas No: ☐ EHS 866-84-2			☐		☒ pure ☐ mixture ☒ solid ☐ liquid ☐ gas	10 Curies: Days on Site: 5 Storage Container: M	☒ gal. ☐ lbs. ☐ cu.ft. ☐ tons	☒ amb. ☐ > amb. ☐ < amb. / ☒ amb. ☐ < amb. ☐ cryo.	☐ fire ☐ reactive ☐ pressure release ☐ acute health ☐ chronic health ☐ radioactive
COR	Acid Cab. #10	**Hydrocloric Acid** Cas No: ☐ EHS 7647-01-0			☐		☒ pure ☐ mixture ☐ solid ☒ liquid ☐ gas	1 Curies: Days on Site: 365 Storage Container: M	☒ gal. ☐ lbs. ☐ cu.ft. ☐ tons	☒ amb. ☐ > amb. ☐ < amb. / ☒ amb. ☐ < amb. ☐ cryo.	☐ fire ☐ reactive ☐ pressure release ☒ acute health ☒ chronic health ☐ radioactive
COR	Acid Cab. #10	**Phosphoric Acid 85-87 PCT** Cas No: ☐ EHS	Phosphoric acid Water	80-85 15-20	☐ ☐	7664-38-2 7732-18-5	☐ pure ☒ mixture ☐ solid ☒ liquid ☐ gas	2 Curies: Days on Site: 365 Storage Container: N	☒ gal. ☐ lbs. ☐ cu.ft. ☐ tons	☒ amb. ☐ > amb. ☐ < amb. / ☒ amb. ☐ < amb. ☐ cryo.	☐ fire ☐ reactive ☐ pressure release ☒ acute health ☐ chronic health ☐ radioactive
		Cas No: ☐ EHS			☐		☐ pure ☐ mixture ☐ solid ☐ liquid ☐ gas	Curies: Days on Site: Storage Container	☐ gal. ☐ lbs. ☐ cu.ft. ☐ tons	☐ amb. ☐ > amb. ☐ < amb. / ☐ amb. ☐ < amb. ☐ cryo.	☐ fire ☐ reactive ☐ pressure release ☐ acute health ☐ chronic health ☐ radioactive
		Cas No: ☐ EHS			☐		☐ pure ☐ mixture ☐ solid ☐ liquid ☐ gas	Curies: Days on Site: Storage Container	☐ gal. ☐ lbs. ☐ cu.ft. ☐ tons	☐ amb. ☐ > amb. ☐ < amb. / ☐ amb. ☐ < amb. ☐ cryo.	☐ fire ☐ reactive ☐ pressure release ☐ acute health ☐ chronic health ☐ radioactive
		Cas No: ☐ EHS			☐		☐ pure ☐ mixture ☐ solid ☐ liquid ☐ gas	Curies: Days on Site: Storage Container	☐ gal. ☐ lbs. ☐ cu.ft. ☐ tons	☐ amb. ☐ > amb. ☐ < amb. / ☐ amb. ☐ < amb. ☐ cryo.	☐ fire ☐ reactive ☐ pressure release ☐ acute health ☐ chronic health ☐ radioactive

* Code — Storage Type

Code	Storage Type	Code	Storage Type	Code	Storage Type	Code	Storage Type	Code	Storage Type	Code	Storage Type
A	Aboveground Tank	D	Steel Drum	G	Carboy	J	Bag	M	Glass Bottle or Jug	P	Tank Wagon
B	Belowground Tank	E	Plastic/Nonmetallic Drum	H	Silo	K	Box	N	Plastic Bottle or Jug	Q	Rail Car
C	Tank Inside Building	F	Can	I	Fiber Drum	L	Cylinder	O	Tote Bin	R	Tank Wagon

If EPCRA, sign below: _____

Date: 09/30/2004

Non-Waste Hazardous Materials Inventory Statement

For use by Unidocs Member Agencies or where approved by your Local Jurisdiction

18/35

Business Name: WJ Communications, Inc. (Same as Facility Name or DBA)

Type of Report on This Page: ☒ Add; ☐ Delete; ☐ Revise

Page 1 **of** 1 (One page per building or area)

Chemical Location: AREA F Chase (Building/Storage Area)

EPCRA Confidential Location? ☐ Yes; ☒ No
Trade Secret Information? ☐ Yes; ☒ No

Facility ID # (Agency Use Only)

1. Haz. Class	2. Map and Grid or Location Code	3. Common Name	4. Hazardous Components (For mixtures only) Chemical Name	% Wt.	EHS	CAS No.	5. Type and Physical State	6. Quantities Max. Daily	Average Daily	Largest Cont.	7. Units	8. Storage Codes Storage Pressure	Storage Temp.	9. Hazard Categorie
NFG	AREA F CHASE	Carbon dioxide [Fire Suppression System]			☐		☒ pure ☐ mixture	600	600	150	☐ gallons ☒ pounds ☐ cu. feet ☐ tons	☐ ambient ☒ > amb. ☐ < amb.	☒ ambient ☐ > amb. ☐ < amb. ☐ cryogenic	☐ fire ☐ reactive ☒ pressure re ☒ acute heal ☐ chronic hea ☐ radioactive
		CAS No.: 124-38-9 ☐ EHS			☐		☐ solid ☒ liquid ☒ gas	Curies: (If radioactive)	Days On Site: 365	Storage Container:* L				
		INTENTIONALLY LEFT BLANK			☐		☐ pure ☐ mixture				☐ gallons ☐ pounds ☐ cu. feet ☐ tons	☐ ambient ☐ > amb. ☐ < amb.	☐ ambient ☐ > amb. ☐ < amb. ☐ cryogenic	☐ fire ☐ reactive ☐ pressure rel ☐ acute health ☐ chronic hea ☐ radioactive
		CAS No.: ☐ EHS			☐		☐ solid ☐ liquid ☐ gas	Curies: (If radioactive)	Days On Site:	Storage Container:*				
		INTENTIONALLY LEFT BLANK			☐		☐ pure ☐ mixture				☐ gallons ☐ pounds ☐ cu. feet ☐ tons	☐ ambient ☐ > amb. ☐ < amb.	☐ ambient ☐ > amb. ☐ < amb. ☐ cryogenic	☐ fire ☐ reactive ☐ pressure rel ☐ acute health ☐ chronic hea ☐ radioactive
		CAS No.: ☐ EHS			☐		☐ solid ☐ liquid ☐ gas	Curies: (If radioactive)	Days On Site:	Storage Container:*				
NFG	AREA F CHASE	Helium			☐		☒ pure ☐ mixture	436	436	218	☐ gallons ☐ pounds ☒ cu. feet ☐ tons	☐ ambient ☒ > amb. ☐ < amb.	☒ ambient ☐ > amb. ☐ < amb. ☐ cryogenic	☐ fire ☐ reactive ☒ pressure rel ☒ acute health ☐ chronic hea ☐ radioactiv
		CAS No.: 7440-59-7 ☐ EHS			☐		☐ solid ☐ liquid ☒ gas	Curies: (If radioactive)	Days On Site: 365	Storage Container:* L				
NFG	AREA F CHASE	Nitrogen			☐		☒ pure ☐ mixture	1140	912	228	☐ gallons ☐ pounds ☒ cu. feet ☐ tons	☐ ambient ☒ > amb. ☐ < amb.	☒ ambient ☐ > amb. ☐ < amb. ☐ cryogenic	☐ fire ☐ reactive ☒ pressure rel ☒ acute health ☐ chronic hea ☐ radioactive
		CAS No.: 7717-37-9 ☐ EHS			☐		☐ solid ☐ liquid ☒ gas	Curies: (If radioactive)	Days On Site: 365	Storage Container:* L				
NFG	AREA F CHASE	Argon			☐		☐ pure ☒ mixture	496	496	248	☐ gallons ☐ pounds ☒ cu. feet ☐ tons	☐ ambient ☒ > amb. ☐ < amb.	☐ ambient ☐ > amb. ☐ < amb. ☐ cryogenic	☐ fire ☐ reactive ☒ pressure rel ☒ acute health ☐ chronic hea ☐ radioactive
		CAS No.: 7440-37-1 ☐ EHS			☐		☐ solid ☐ liquid ☒ gas	Curies: (If radioactive)	Days On Site: 365	Storage Container:* L				

* Storage Container Codes

Code	Storage Type	Code	Storage Type	Code	Storage Type	Code	Storage Type	Code	Storage Type	Code	Storage Type
A	Aboveground Tank	D	Steel Drum	G	Carboy	J	Bag	M	Glass Bottle or Jug	P	Tank Wagon
B	Belowground Tank	E	Plastic/Non-metallic Drum	H	Silo	K	Box	N	Plastic Bottle or Jug	Q	Rail Car
C	Tank Inside Building	F	Can	I	Fiber Drum	L	Cylinder	O	Tote Bin	R	Other

If EPCRA, sign below:

Date: 09/30/2004

Non-Waste Hazardous Materials Inventory Statement

For use by Unidocs Member Agencies or where approved by your Local Jurisdiction

19/33

Business Name: WJ Communications, Inc. (Same as Facility Name or DBA)

Type of Report on This Page: ☒ Add; ☐ Delete; ☐ Revise

Page 1 **of** 2 (One page per building or area)

Chemical Location: AREA F (Dry Etch Chase North) (Building/Storage Area)

EPCRA Confidential Location? ☐ Yes; ☒ No
Trade Secret Information? ☐ Yes; ☒ No

Facility ID # (Agency Use Only)

1. Haz. Class	2. Map and Grid or Location Code	3. Common Name	4. Hazardous Components (For mixtures only) Chemical Name	% Wt.	EHS	CAS No.	5. Type and Physical State	6. Quantities Max. Daily	Average Daily	Largest Cont.	7. Units	8. Storage Codes Storage Pressure	Storage Temp.	9. Hazard Categorie
NFG	Etch Chase North	Halocarbon 23 (99.99%)			☐		☒ pure ☐ mixture	10	8	10	☐ gallons ☒ pounds ☐ cu. feet ☐ tons	☐ ambient ☒ > amb. ☐ < amb.	☒ ambient ☐ > amb. ☐ < amb. ☐ cryogenic	☐ fire ☐ reactive ☒ pressure r ☒ acute healt ☐ chronic hea ☐ radioactive
		CAS No.: 75-46-7 ☐ EHS					☐ solid ☒ liquid ☒ gas	Curies: (If radioactive)	Days On Site: 365	Storage Container:* L				
OXG	Etch Chase North	Halocarbon 14 / bal. Oxygen	Halocarbon 14	60	☐	75-73-0	☐ pure ☒ mixture	100	90	100	☐ gallons ☐ pounds ☒ cu. feet ☐ tons	☐ ambient ☒ > amb. ☐ < amb.	☒ ambient ☐ > amb. ☐ < amb. ☐ cryogenic	☐ fire ☐ reactive ☒ pressure rel ☒ acute health ☐ chronic hea ☐ radioactive
			Oxygen	40	☐	7482-44-7								
		CAS No.: ☐ EHS					☐ solid ☐ liquid ☒ gas	Curies: (If radioactive)	Days On Site: 365	Storage Container:* L				
NFG	Etch Chase North	Halocarbon 14 / bal. Argon	Halocarbon 14	90	☐	75-73-0	☐ pure ☒ mixture	150	100	150	☐ gallons ☐ pounds ☒ cu. feet ☐ tons	☐ ambient ☒ > amb. ☐ < amb.	☒ ambient ☐ > amb. ☐ < amb. ☐ cryogenic	☐ fire ☐ reactive ☒ pressure rel ☐ acute health ☐ chronic hea ☐ radioactive
			Argon	10	☐	7440-37-1								
		CAS No.: ☐ EHS					☐ solid ☐ liquid ☒ gas	Curies: (If radioactive)	Days On Site: 365	Storage Container:* L				
NFG	Etch Chase North	Nitrogen			☐		☒ pure ☐ mixture	456	400	228	☐ gallons ☐ pounds ☒ cu. feet ☐ tons	☐ ambient ☒ > amb. ☐ < amb.	☒ ambient ☐ > amb. ☐ < amb. ☐ cryogenic	☐ fire ☐ reactive ☒ pressure rel ☒ acute health ☐ chronic hea ☐ radioactiv
		CAS No.: 7727-37-9 ☐ EHS					☐ solid ☐ liquid ☒ gas	Curies: (If radioactive)	Days On Site: 365	Storage Container:* L				
OX NFG	Etch Chase North	Oxygen			☐		☒ pure ☐ mixture	249	249	249	☐ gallons ☐ pounds ☒ cu. feet ☐ tons	☐ ambient ☒ > amb. ☐ < amb.	☒ ambient ☐ > amb. ☐ < amb. ☐ cryogenic	☐ fire ☐ reactive ☒ pressure rel ☒ acute health ☐ chronic hea ☐ radioactive
		CAS No.: 7482-44-7 ☐ EHS					☐ solid ☐ liquid ☒ gas	Curies: (If radioactive)	Days On Site: 365	Storage Container:* L				
NFG	Etch Chase North	Argon			☐		☐ pure ☒ mixture	248	248	248	☐ gallons ☐ pounds ☒ cu. feet ☐ tons	☐ ambient ☒ > amb. ☐ < amb.	☒ ambient ☐ > amb. ☐ < amb. ☐ cryogenic	☐ fire ☐ reactive ☒ pressure rel ☐ acute health ☐ chronic hea ☐ radioactive
		CAS No.: 7440-37-1 ☐ EHS					☐ solid ☐ liquid ☒ gas	Curies: (If radioactive)	Days On Site: 365	Storage Container:* L				

* Storage Container Codes

Code	Storage Type	Code	Storage Type	Code	Storage Type	Code	Storage Type	Code	Storage Type	Code	Storage Type
A	Aboveground Tank	D	Steel Drum	G	Carboy	J	Bag	M	Glass Bottle or Jug	P	Tank Wagon
B	Belowground Tank	E	Plastic/Non-metallic Drum	H	Silo	K	Box	N	Plastic Bottle or Jug	Q	Rail Car
C	Tank Inside Building	F	Can	I	Fiber Drum	L	Cylinder	O	Tote Bin	R	Other

If EPCRA, sign below:

Date: 09/30/2004

Non-Waste Hazardous Materials Inventory Statement

For use by Unidocs Member Agencies or where approved by your Local Jurisdiction

20/33

Business Name: WJ Communications, Inc. (Same as Facility Name or DBA)

Type of Report on This Page: ☒ Add; ☐ Delete; ☐ Revise

Page 2 of 2 (One page per building or area)

Chemical Location: AREA F (Dry Etch Chase North) (Building/Storage Area)

EPCRA Confidential Location? ☐ Yes; ☒ No
Trade Secret Information? ☐ Yes; ☒ No

Facility ID # (Agency Use Only)

1. Haz. Class	2. Map and Grid or Location Code	3. Common Name	4. Hazardous Components (For mixtures only) Chemical Name	% Wt.	EHS	CAS No.	5. Type and Physical State	6. Quantities Max. Daily	Average Daily	Largest Cont.	7. Units	8. Storage Codes Storage Pressure	Storage Temp.	9. Hazard Categorie
NFG	Etch Chase North	Helium			☐		☒ pure ☐ mixture	218	218	218	☐ gallons ☐ pounds ☒ cu. feet ☐ tons	☐ ambient ☒ > amb. ☐ < amb.	☒ ambient ☐ > amb. ☐ < amb. ☐ cryogenic	☐ fire ☐ reactive ☒ pressure re ☒ acute healt ☐ chronic hea ☐ radioactive
		CAS No.: 7440-59-7 ☐ EHS			☐		☐ solid ☐ liquid ☒ gas	Curies: (If radioactive)	Days On Site: 365	Storage Container:* L				
NFG	Etch Chase North	Halocarbon 14 (99.99%)			☐		☒ pure ☐ mixture	10	8	10	☒ gallons ☐ pounds ☐ cu. feet ☐ tons	☐ ambient ☒ > amb. ☐ < amb.	☒ ambient ☐ > amb. ☐ < amb. ☐ cryogenic	☐ fire ☐ reactive ☒ pressure rel ☒ acute health ☐ chronic hea ☐ radioactive
		CAS No.: 75-73-0 ☐ EHS			☐		☐ solid ☒ liquid ☒ gas	Curies: (If radioactive)	Days On Site: 365	Storage Container:* L				
					☐		☐ pure ☐ mixture				☐ gallons ☐ pounds ☐ cu. feet ☐ tons	☐ ambient ☐ > amb. ☐ < amb.	☐ ambient ☐ > amb. ☐ < amb. ☐ cryogenic	☐ fire ☐ reactive ☐ pressure rel ☐ acute health ☐ chronic hea ☐ radioactive
		CAS No.: ☐ EHS			☐		☐ solid ☐ liquid ☐ gas	Curies: (If radioactive)	Days On Site:	Storage Container:*				
					☐		☐ pure ☐ mixture				☐ gallons ☐ pounds ☐ cu. feet ☐ tons	☐ ambient ☐ > amb. ☐ < amb.	☐ ambient ☐ > amb. ☐ < amb. ☐ cryogenic	☐ fire ☐ reactive ☐ pressure rel ☐ acute health ☐ chronic hea ☐ radioactiv
		CAS No.: ☐ EHS			☐		☐ solid ☐ liquid ☐ gas	Curies: (If radioactive)	Days On Site:	Storage Container:*				
					☐		☐ pure ☐ mixture				☐ gallons ☐ pounds ☐ cu. feet ☐ tons	☐ ambient ☐ > amb. ☐ < amb.	☐ ambient ☐ > amb. ☐ < amb. ☐ cryogenic	☐ fire ☐ reactive ☐ pressure rel ☐ acute health ☐ chronic hea ☐ radioactive
		CAS No.: ☐ EHS			☐		☐ solid ☐ liquid ☐ gas	Curies: (If radioactive)	Days On Site:	Storage Container:*				
					☐		☐ pure ☐ mixture				☐ gallons ☐ pounds ☐ cu. feet ☐ tons	☐ ambient ☐ > amb. ☐ < amb.	☐ ambient ☐ > amb. ☐ < amb. ☐ cryogenic	☐ fire ☐ reactive ☐ pressure rel ☐ acute health ☐ chronic hea ☐ radioactive
		CAS No.: ☐ EHS			☐		☐ solid ☐ liquid ☐ gas	Curies: (If radioactive)	Days On Site:	Storage Container:*				

* Storage Container Codes

Code	Storage Type	Code	Storage Type	Code	Storage Type	Code	Storage Type	Code	Storage Type	Code	Storage Type
A	Aboveground Tank	D	Steel Drum	G	Carboy	J	Bag	M	Glass Bottle or Jug	P	Tank Wagon
B	Belowground Tank	E	Plastic/Non-metallic Drum	H	Silo	K	Box	N	Plastic Bottle or Jug	Q	Rail Car
C	Tank Inside Building	F	Can	I	Fiber Drum	L	Cylinder	O	Tote Bin	R	Other

If EPCRA, sign below:

Non-Waste Hazardous Materials Inventory Statement

For use by Unidocs Member Agencies or where approved by your Local Jurisdiction

Date: 09/30/2004

21/33

Business Name: WJ Communications, Inc. (Same as Facility Name or DBA)

Type of Report on This Page: ☒ Add; ☐ Delete; ☐ Revise

Page 1 of 1 (One page per building or area)

Chemical Location: AREA F (Dry Etch Chase South) (Building/Storage Area)

EPCRA Confidential Location? ☐ Yes; ☒ No

Trade Secret Information? ☐ Yes; ☒ No

Facility ID # (Agency Use Only)

1. Haz. Class	2. Map and Grid or Location Code	3. Common Name	4. Hazardous Components (For mixtures only) Chemical Name	% Wt.	EHS	CAS No.	5. Type and Physical State	6. Quantities Max. Daily	Average Daily	Largest Cont.	7. Units	8. Storage Codes Storage Pressure	Storage Temp.	9. Hazard Categorie
NFG	Etch Chase South	Halocarbon 14 (99.99%)			☐		☒ pure ☐ mixture	10	8	10	☐ gallons ☒ pounds ☐ cu. feet ☐ tons	☐ ambient ☒ > amb. ☐ < amb.	☒ ambient ☐ > amb. ☐ < amb. ☐ cryogenic	☐ fire ☐ reactive ☒ pressure re ☒ acute health ☐ chronic hea ☐ radioactive
		CAS No.: 75-73-0 ☐ EHS			☐		☐ solid ☒ liquid ☒ gas	Curies: (If radioactive)	Days On Site: 365	Storage Container:* L				
NFG	Etch Chase South	Halocarbon 14 / bal. Oxygen	Halocarbon 14	90	☐	75-73-0	☐ pure ☒ mixture	30	20	10	☐ gallons ☒ pounds ☐ cu. feet ☐ tons	☐ ambient ☒ > amb. ☐ < amb.	☒ ambient ☐ > amb. ☐ < amb. ☐ cryogenic	☐ fire ☐ reactive ☒ pressure rel ☒ acute health ☐ chronic hea ☐ radioactive
			Oxygen	10	☐	7482-44-7								
		CAS No.: ☐ EHS			☐		☐ solid ☐ liquid ☒ gas	Curies: (If radioactive)	Days On Site: 365	Storage Container:* L				
		INTENTIONALLY LEFT BLANK			☐		☐ pure ☐ mixture				☐ gallons ☐ pounds ☐ cu. feet ☐ tons	☐ ambient ☐ > amb. ☐ < amb.	☐ ambient ☐ > amb. ☐ < amb. ☐ cryogenic	☐ fire ☐ reactive ☐ pressure rel ☐ acute health ☐ chronic hea ☐ radioactive
		CAS No.: ☐ EHS			☐		☐ solid ☐ liquid ☐ gas	Curies: (If radioactive)	Days On Site:	Storage Container:*				
NFG	Etch Chase South	Helium			☐		☒ pure ☐ mixture	218	218	218	☐ gallons ☐ pounds ☒ cu. feet ☐ tons	☐ ambient ☒ > amb. ☐ < amb.	☒ ambient ☐ > amb. ☐ < amb. ☐ cryogenic	☐ fire ☐ reactive ☒ pressure rel ☒ acute health ☐ chronic hea ☐ radioactiv
		CAS No.: 7440-59-7 ☐ EHS			☐		☐ solid ☐ liquid ☒ gas	Curies: (If radioactive)	Days On Site: 365	Storage Container:* L				
OXG NFG	Etch Chase South	Oxygen			☐		☒ pure ☐ mixture	249	249	249	☐ gallons ☐ pounds ☒ cu. feet ☐ tons	☐ ambient ☒ > amb. ☐ < amb.	☒ ambient ☐ > amb. ☐ < amb. ☐ cryogenic	☐ fire ☐ reactive ☒ pressure rel ☒ acute health ☐ chronic hea ☐ radioactive
		CAS No.: 7482-44-7 ☐ EHS			☐		☐ solid ☐ liquid ☒ gas	Curies: (If radioactive)	Days On Site: 365	Storage Container:* L				
NFG	Etch Chase South	Argon			☐		☐ pure ☒ mixture	248	248	248	☐ gallons ☐ pounds ☒ cu. feet ☐ tons	☐ ambient ☒ > amb. ☐ < amb.	☐ ambient ☐ > amb. ☐ < amb. ☐ cryogenic	☐ fire ☐ reactive ☒ pressure rel ☒ acute health ☐ chronic hea ☐ radioactive
		CAS No.: 7440-37-1 ☐ EHS			☐		☐ solid ☐ liquid ☒ gas	Curies: (If radioactive)	Days On Site: 365	Storage Container:* L				

* Storage Container Codes

Code	Storage Type	Code	Storage Type	Code	Storage Type	Code	Storage Type	Code	Storage Type	Code	Storage Type
A	Aboveground Tank	D	Steel Drum	G	Carboy	J	Bag	M	Glass Bottle or Jug	P	Tank Wagon
B	Belowground Tank	E	Plastic/Non-metallic Drum	H	Silo	K	Box	N	Plastic Bottle or Jug	Q	Rail Car
C	Tank Inside Building	F	Can	I	Fiber Drum	L	Cylinder	O	Tote Bin	R	Other

If EPCRA, sign below:

Date: 09/30/2004

Non-Waste Hazardous Materials Inventory Statement

For use by Unidocs Member Agencies or where approved by your Local Jurisdiction

22/33

Business Name: WJ Communications, Inc. (Same as Facility Name or DBA)

Type of Report on This Page: ☒ Add; ☐ Delete; ☐ Revise

Page 1 **of** 1 (One page per building or area)

Chemical Location: AREA F - Gold Plating, Baths 1 & 2 (Building/Storage Area)

EPCRA Confidential Location? ☐ Yes; ☒ No

Trade Secret Information? ☐ Yes; ☒ No

Facility ID # (Agency Use Only)

1. Haz. Class	2. Map and Grid or Location Code	3. Common Name	4. Hazardous Components (For mixtures only) Chemical Name	% Wt.	EHS	CAS No.	5. Type and Physical State	6. Quantities Max. Daily	Average Daily	Largest Cont.	7. Units	8. Storage Codes Storage Pressure	Storage Temp.	9. Hazard Categorie
COR	Bath 1	Gold Palting Solution	Gold Sulfite	>10	☐	19153-98-1	☐ pure ☒ mixture	20	20	20	☒ gallons ☐ pounds ☐ cu. feet ☐ tons	☒ ambient ☐ > amb. ☐ < amb.	☐ ambient ☒ > amb. ☐ < amb. ☐ cryogenic	☐ fire ☒ reactive ☐ pressure re ☒ acute health ☒ chronic hea ☐ radioactive
			Other additives		☐									
			Water	bal.	☐	7732-18-5	☐ solid ☒ liquid ☐ gas	Curies: (If radioactive)	Days On Site: 365	Storage Container:* C				
		CAS No.:			☐									
	Bath 2	NOT IN USE			☐		☐ pure ☐ mixture				☐ gallons ☐ pounds ☐ cu. feet ☐ tons	☐ ambient ☐ > amb. ☐ < amb.	☐ ambient ☐ > amb. ☐ < amb. ☒ cryogenic	☐ fire ☐ reactive ☐ pressure rel ☐ acute health ☐ chronic hea ☐ radioactive
		CAS No.:			☐		☐ solid ☐ liquid ☐ gas	Curies: (If radioactive)	Days On Site:	Storage Container:*				
					☐		☐ pure ☐ mixture				☐ gallons ☐ pounds ☐ cu. feet ☐ tons	☐ ambient ☐ > amb. ☐ < amb.	☐ ambient ☐ > amb. ☐ < amb. ☐ cryogenic	☐ fire ☐ reactive ☐ pressure rel ☐ acute health ☐ chronic hea ☐ radioactive
		CAS No.:			☐		☐ solid ☐ liquid ☐ gas	Curies: (If radioactive)	Days On Site:	Storage Container:*				
					☐		☐ pure ☐ mixture				☐ gallons ☐ pounds ☐ cu. feet ☐ tons	☐ ambient ☐ > amb. ☐ < amb.	☐ ambient ☐ > amb. ☐ < amb. ☐ cryogenic	☐ fire ☐ reactive ☐ pressure rel ☐ acute health ☐ chronic hea ☐ radioactiv
		CAS No.:			☐		☐ solid ☐ liquid ☐ gas	Curies: (If radioactive)	Days On Site:	Storage Container:*				
					☐		☐ pure ☐ mixture				☐ gallons ☐ pounds ☐ cu. feet ☐ tons	☐ ambient ☐ > amb. ☐ < amb.	☐ ambient ☐ > amb. ☐ < amb. ☐ cryogenic	☐ fire ☐ reactive ☐ pressure rel ☐ acute health ☐ chronic hea ☐ radioactive
		CAS No.:			☐		☐ solid ☐ liquid ☐ gas	Curies: (If radioactive)	Days On Site:	Storage Container:*				
					☐		☐ pure ☐ mixture				☐ gallons ☐ pounds ☐ cu. feet ☐ tons	☐ ambient ☐ > amb. ☐ < amb.	☐ ambient ☐ > amb. ☐ < amb. ☐ cryogenic	☐ fire ☐ reactive ☐ pressure rel ☐ acute health ☐ chronic hea ☐ radioactive
		CAS No.:			☐		☐ solid ☐ liquid ☐ gas	Curies: (If radioactive)	Days On Site:	Storage Container:*				

* Storage Container Codes

Code	Storage Type	Code	Storage Type	Code	Storage Type	Code	Storage Type	Code	Storage Type	Code	Storage Type
A	Aboveground Tank	D	Steel Drum	G	Carboy	J	Bag	M	Glass Bottle or Jug	P	Tank Wagon
B	Belowground Tank	E	Plastic/Non-metallic Drum	H	Silo	K	Box	N	Plastic Bottle or Jug	Q	Rail Car
C	Tank Inside Building	F	Can	I	Fiber Drum	L	Cylinder	O	Tote Bin	R	Other

If EPCRA, sign below:

Date: 09/30/2004

Non-Waste Hazardous Materials Inventory Statement

For use by Unidocs Member Agencies or where approved by your Local Jurisdiction

23/33

Business Name: WJ Communications, Inc. (Same as Facility Name or DBA)

Type of Report on This Page: ☒ Add; ☐ Delete; ☐ Revise

Page 1 **of** 1 (One page per building or area)

Chemical Location: AREA F - Lift Off Bench 1 and 2 S.S. (Building/Storage Area)

EPCRA Confidential Location? ☐ Yes; ☒ No

Trade Secret Information? ☐ Yes; ☒ No

Facility ID # (Agency Use Only)

1. Haz.	2. Map and Grid or Location Code	3. Common Name	4. Hazardous Components (For mixtures only) Chemical Name	% Wt.	EHS	CAS No.	5. Type and Physical State	6. Quantities Max. Daily	Average Daily	Largest Cont.	7. Units	8. Storage Codes Storage Pressure	Storage Temp.	9. Hazard Categorie
FL	Lift Off Bench 01	Acetone			☐		☒ pure ☐ mixture	20	20	5	☒ gallons ☐ pounds ☐ cu. feet ☐ tons	☒ ambient ☐ > amb. ☐ < amb.	☒ ambient ☐ > amb. ☐ < amb. ☐ cryogenic	☐ fire ☒ reactive ☐ pressure r ☐ acute health ☒ chronic hea ☐ radioactive
		CAS No.: 67-64-1 ☐ EHS			☐		☐ solid ☒ liquid ☐ gas	Curies: (If radioactive)	Days On Site: 365	Storage Container:* C				
FL	Lift Off Bench 02	Acetone			☐		☒ pure ☐ mixture	20	20	5	☒ gallons ☐ pounds ☐ cu. feet ☐ tons	☒ ambient ☐ > amb. ☐ < amb.	☒ ambient ☐ > amb ☐ < amb ☐ cryogenic	☒ fire ☐ reactive ☐ pressure rel ☐ acute health ☒ chronic hea ☐ radioactive
		CAS No.: 67-64-1 ☐ EHS			☐		☐ solid ☒ liquid ☐ gas	Curies: (If radioactive)	Days On Site: 365	Storage Container:* C				
					☐		☐ pure ☐ mixture				☐ gallons ☐ pounds ☐ cu. feet ☐ tons	☐ ambient ☐ > amb. ☐ < amb.	☐ ambient ☐ > amb. ☐ < amb. ☐ cryogenic	☐ fire ☐ reactive ☐ pressure rel ☐ acute health ☐ chronic hea ☐ radioactive
		CAS No.: ☐ EHS			☐		☐ solid ☐ liquid ☐ gas	Curies: (If radioactive)	Days On Site:	Storage Container:*				
					☐		☐ pure ☐ mixture				☐ gallons ☐ pounds ☐ cu. feet ☐ tons	☐ ambient ☐ > amb. ☐ < amb.	☐ ambient ☐ > amb. ☐ < amb. ☐ cryogenic	☐ fire ☐ reactive ☐ pressure rel ☐ acute health ☐ chronic hea ☐ radioactiv
		CAS No.: ☐ EHS			☐		☐ solid ☐ liquid ☐ gas	Curies: (If radioactive)	Days On Site:	Storage Container:*				
					☐		☐ pure ☐ mixture				☐ gallons ☐ pounds ☐ cu. feet ☐ tons	☐ ambient ☐ > amb. ☐ < amb.	☐ ambient ☐ > amb. ☐ < amb. ☐ cryogenic	☐ fire ☐ reactive ☐ pressure rel ☐ acute health ☐ chronic hea ☐ radioactive
		CAS No.: ☐ EHS			☐		☐ solid ☐ liquid ☐ gas	Curies: (If radioactive)	Days On Site:	Storage Container:*				
					☐		☐ pure ☐ mixture				☐ gallons ☐ pounds ☐ cu. feet ☐ tons	☐ ambient ☐ > amb. ☐ < amb.	☐ ambient ☐ > amb. ☐ < amb. ☐ cryogenic	☐ fire ☐ reactive ☐ pressure rel ☐ acute health ☐ chronic hea ☐ radioactive
		CAS No.: ☐ EHS			☐		☐ solid ☐ liquid ☐ gas	Curies: (If radioactive)	Days On Site:	Storage Container:*				

* Storage Container Codes

Code	Storage Type	Code	Storage Type	Code	Storage Type	Code	Storage Type	Code	Storage Type	Code	Storage Type
A	Aboveground Tank	D	Steel Drum	G	Carboy	J	Bag	M	Glass Bottle or Jug	P	Tank Wagon
B	Belowground Tank	E	Plastic/Non-metallic Drum	H	Silo	K	Box	N	Plastic Bottle or Jug	Q	Rail Car
C	Tank Inside Building	F	Can	I	Fiber Drum	L	Cylinder	O	Tote Bin	R	Other

If EPCRA, sign below:

Date: 09/30/2004

Non-Waste Hazardous Materials Inventory Statement

For use by Unidocs Member Agencies or where approved by your Local Jurisdiction

24/33

Business Name: WJ Communications, Inc.
(Same as Facility Name or DBA)

Type of Report on This Page: ☒ Add; ☐ Delete; ☐ Revise

Page 1 **of** 6
(One page per building or area)

Chemical Location: AREA F Chemical Cabinet 11
(Building/Storage Area)

EPCRA Confidential Location? ☐ Yes; ☒ No
Trade Secret Information? ☐ Yes; ☒ No

Facility ID # (Agency Use Only)

1. Haz. Class	2. Map and Grid or Location Code	3. Common Name	4. Hazardous Components (For mixtures only) Chemical Name	% Wt.	EHS	CAS No.	5. Type and Physical State	6. Quantities Max. Daily	Average Daily	Largest Cont.	7. Units	8. Storage Codes Storage Pressure	Storage Temp.	9. Hazard Categorie
COR OX	Cab # 11	30 % Hydrogen peroxide	Hydrogen peroxide	30	☐	7722-84-1	☐ pure ☒ mixture	14	12	1	☒ gallons ☐ pounds ☐ cu. feet ☐ tons	☒ ambient ☐ > amb. ☐ < amb.	☒ ambient ☐ > amb. ☐ < amb. ☐ cryogenic	☐ fire ☒ reactive ☐ pressure r ☒ acute health ☒ chronic hea ☐ radioactive
			Water	70.	☐	7732-18-5								
		CAS No.: ☐ EHS			☐		☐ solid ☒ liquid ☐ gas	Curies: (If radioactive)	Days On Site: 365	Storage Container:* N				
					☐		☐ pure ☐ mixture				☐ gallons ☐ pounds ☐ cu. feet ☐ tons	☐ ambient ☐ > amb. ☐ < amb.	☐ ambient ☐ > amb. ☐ < amb. ☐ cryogenic	☐ fire ☐ reactive ☐ pressure rel ☐ acute health ☐ chronic hea ☐ radioactive
		CAS No.: ☐ EHS			☐		☐ solid ☐ liquid ☐ gas	Curies: (If radioactive)	Days On Site:	Storage Container:*				
					☐		☐ pure ☐ mixture				☐ gallons ☐ pounds ☐ cu. feet ☐ tons	☐ ambient ☐ > amb. ☐ < amb.	☐ ambient ☐ > amb. ☐ < amb. ☐ cryogenic	☐ fire ☐ reactive ☐ pressure rel ☐ acute health ☐ chronic hea ☐ radioactive
		CAS No.: ☐ EHS			☐		☐ solid ☐ liquid ☐ gas	Curies: (If radioactive)	Days On Site:	Storage Container:*				
					☐		☐ pure ☐ mixture				☐ gallons ☐ pounds ☐ cu. feet ☐ tons	☐ ambient ☐ > amb. ☐ < amb.	☐ ambient ☐ > amb. ☐ < amb. ☐ cryogenic	☐ fire ☐ reactive ☐ pressure rel ☐ acute health ☐ chronic hea ☐ radioactiv
		CAS No.: ☐ EHS			☐		☐ solid ☐ liquid ☐ gas	Curies: (If radioactive)	Days On Site:	Storage Container:*				
					☐		☐ pure ☐ mixture				☐ gallons ☐ pounds ☐ cu. feet ☐ tons	☐ ambient ☐ > amb. ☐ < amb.	☐ ambient ☐ > amb. ☐ < amb. ☐ cryogenic	☐ fire ☐ reactive ☐ pressure rel ☐ acute health ☐ chronic hea ☐ radioactive
		CAS No.: ☐ EHS			☐		☐ solid ☐ liquid ☐ gas	Curies: (If radioactive)	Days On Site:	Storage Container:*				
					☐		☐ pure ☐ mixture				☐ gallons ☐ pounds ☐ cu. feet ☐ tons	☐ ambient ☐ > amb. ☐ < amb.	☐ ambient ☐ > amb. ☐ < amb. ☐ cryogenic	☐ fire ☐ reactive ☐ pressure rel ☐ acute health ☐ chronic hea ☐ radioactive
		CAS No.: ☐ EHS			☐		☐ solid ☐ liquid ☐ gas	Curies: (If radioactive)	Days On Site:	Storage Container:*				

* Storage Container Codes

Code	Storage Type	Code	Storage Type	Code	Storage Type	Code	Storage Type	Code	Storage Type	Code	Storage Type
A	Aboveground Tank	D	Steel Drum	G	Carboy	J	Bag	M	Glass Bottle or Jug	P	Tank Wagon
B	Belowground Tank	E	Plastic/Non-metallic Drum	H	Silo	K	Box	N	Plastic Bottle or Jug	Q	Rail Car
C	Tank Inside Building	F	Can	I	Fiber Drum	L	Cylinder	O	Tote Bin	R	Other

If EPCRA, sign below:

Date: 09/30/2004

Non-Waste Hazardous Materials Inventory Statement

For use by Unidocs Member Agencies or where approved by your Local Jurisdiction

25/33

Business Name: WJ Communications, Inc. (Same as Facility Name or DBA)

Type of Report on This Page: ☒ Add; ☐ Delete; ☐ Revise

Page 1 **of** 1 (One page per building or area)

Chemical Location: AREA F - PMMA Dev. Bench S.S. (Building/Storage Area)

EPCRA Confidential Location? ☐ Yes; ☒ No
Trade Secret Information? ☐ Yes; ☒ No

Facility ID # (Agency Use Only)

1. Haz. Class	2. Map and Grid or Location Code	3. Common Name	4. Hazardous Components (For mixtures only) Chemical Name	% Wt.	EHS	CAS No.	5. Type and Physical State	6. Quantities Max. Daily	Average Daily	Largest Cont.	7. Units	8. Storage Codes Storage Pressure	Storage Temp.	9. Hazard Categorie
FL	PMMA Develop Bench773 2-18-5	Toluene			☐		☒ pure ☐ mixture	12	12	6	☒ gallons ☐ pounds ☐ cu. feet ☐ tons	☒ ambient ☐ > amb. ☐ < amb.	☐ ambient ☒ > amb. ☐ < amb. ☐ cryogenic	☐ fire ☒ reactive ☐ pressure re ☒ acute health ☒ chronic hea ☐ radioactive
		CAS No.: 108-88-3 ☐ EHS			☐		☐ solid ☒ liquid ☐ gas	Curies: (If radioactive)	Days On Site: 365	Storage Container:* C				
					☐		☐ pure ☐ mixture				☐ gallons ☐ pounds ☐ cu. feet ☐ tons	☐ ambient ☐ > amb. ☐ < amb.	☐ ambient ☐ > amb. ☐ < amb. ☐ cryogenic	☐ fire ☐ reactive ☐ pressure rel ☐ acute health ☐ chronic hea ☐ radioactive
		CAS No.: ☐ EHS			☐		☐ solid ☐ liquid ☐ gas	Curies: (If radioactive)	Days On Site:	Storage Container:*				
					☐		☐ pure ☐ mixture				☐ gallons ☐ pounds ☐ cu. feet ☐ tons	☐ ambient ☐ > amb. ☐ < amb.	☐ ambient ☐ > amb. ☐ < amb. ☐ cryogenic	☐ fire ☐ reactive ☐ pressure rel ☐ acute health ☐ chronic hea ☐ radioactive
		CAS No.: ☐ EHS			☐		☐ solid ☐ liquid ☐ gas	Curies: (If radioactive)	Days On Site:	Storage Container:*				
					☐		☐ pure ☐ mixture				☐ gallons ☐ pounds ☐ cu. feet ☐ tons	☐ ambient ☐ > amb. ☐ < amb.	☐ ambient ☐ > amb. ☐ < amb. ☐ cryogenic	☐ fire ☐ reactive ☐ pressure rel ☐ acute health ☐ chronic hea ☐ radioactiv
		CAS No.: ☐ EHS			☐		☐ solid ☐ liquid ☐ gas	Curies: (If radioactive)	Days On Site:	Storage Container:*				
					☐		☐ pure ☐ mixture				☐ gallons ☐ pounds ☐ cu. feet ☐ tons	☐ ambient ☐ > amb. ☐ < amb.	☐ ambient ☐ > amb. ☐ < amb. ☐ cryogenic	☐ fire ☐ reactive ☐ pressure rel ☐ acute health ☐ chronic hea ☐ radioactive
		CAS No.: ☐ EHS			☐		☐ solid ☐ liquid ☐ gas	Curies: (If radioactive)	Days On Site:	Storage Container:*				
					☐		☐ pure ☐ mixture				☐ gallons ☐ pounds ☐ cu. feet ☐ tons	☐ ambient ☐ > amb. ☐ < amb.	☐ ambient ☐ > amb. ☐ < amb. ☐ cryogenic	☐ fire ☐ reactive ☐ pressure rel ☐ acute health ☐ chronic hea ☐ radioactive
		CAS No.: ☐ EHS			☐		☐ solid ☐ liquid ☐ gas	Curies: (If radioactive)	Days On Site:	Storage Container:*				
					☐		☐ pure ☐ mixture				☐ gallons ☐ pounds ☐ cu. feet ☐ tons	☐ ambient ☐ > amb. ☐ < amb.	☐ ambient ☐ > amb. ☐ < amb. ☐ cryogenic	☐ fire ☐ reactive ☐ pressure rel ☐ acute health ☐ chronic hea ☐ radioactive
		CAS No.: ☐ EHS			☐		☐ solid ☐ liquid ☐ gas	Curies: (If radioactive)	Days On Site:	Storage Container:*				

* Storage Container Codes

Code	Storage Type	Code	Storage Type	Code	Storage Type	Code	Storage Type	Code	Storage Type	Code	Storage Type
A	Aboveground Tank	D	Steel Drum	G	Carboy	J	Bag	M	Glass Bottle or Jug	P	Tank Wagon
B	Belowground Tank	E	Plastic/Non-metallic Drum	H	Silo	K	Box	N	Plastic Bottle or Jug	Q	Rail Car
C	Tank Inside Building	F	Can	I	Fiber Drum	L	Cylinder	O	Tote Bin	R	Other

If EPCRA, sign below:

Date: 09/30/2004

Non-Waste Hazardous Materials Inventory Statement

For use by Unidocs Member Agencies or where approved by your Local Jurisdiction

26/33

Business Name: WJ Communications, Inc.
(Same as Facility Name or DBA)

Type of Report on This Page: ☒ Add; ☐ Delete; ☐ Revise

Page 1 **of** 1 (One page per building or area)

Chemical Location: AREA F - Solvent Clean Bench S.S.
(Building/Storage Area)

EPCRA Confidential Location? ☐ Yes; ☒ No
Trade Secret Information? ☐ Yes; ☒ No

Facility ID # (Agency Use Only)

1. Haz. Class	2. Map and Grid or Location Code	3. Common Name	4. Hazardous Components (For mixtures only) Chemical Name	% Wt.	EHS	CAS No.	5. Type and Physical State	6. Quantities Max. Daily	Average Daily	Largest Cont.	7. Units	8. Storage Codes Storage Pressure	Storage Temp.	9. Hazard Categorie
CL	Solv. Clean Bench	N-methyl-2-pyrollidinone			☐		☒ pure ☐ mixture	15	15	5	☒ gallons ☐ pounds ☐ cu. feet ☐ tons	☒ ambient ☐ > amb. ☐ < amb.	☐ ambient ☒ > amb. ☐ < amb. ☐ cryogenic	☐ fire ☒ reactive ☐ pressure re ☐ acute health. ☒ chronic hea ☐ radioactive
		CAS No.: 872-50-4 ☐ EHS					☐ solid ☒ liquid ☐ gas	Curies: (If radioactive)	Days On Site: 365	Storage Container:* C				
FL	Solv. Clean Bench	Acetone			☐		☒ pure ☐ mixture	20	20	5	☒ gallons ☐ pounds ☐ cu. feet ☐ tons	☒ ambient ☐ > amb. ☐ < amb.	☒ ambient ☐ > amb. ☐ < amb. ☐ cryogenic	☐ fire ☒ reactive ☐ pressure rel ☐ acute health ☒ chronic hea ☐ radioactive
		CAS No.: 67-64-1 ☐ EHS					☐ solid ☒ liquid ☐ gas	Curies: (If radioactive)	Days On Site: 365	Storage Container:* C				
		CAS No.: ☐ EHS			☐		☐ pure ☐ mixture				☐ gallons ☐ pounds ☐ cu. feet ☐ tons	☐ ambient ☐ > amb. ☐ < amb.	☐ ambient ☐ > amb. ☐ < amb. ☐ cryogenic	☐ fire ☐ reactive ☐ pressure rel ☐ acute health ☐ chronic hea ☐ radioactive
							☐ solid ☐ liquid ☐ gas	Curies: (If radioactive)	Days On Site:	Storage Container:*				
		CAS No.: ☐ EHS			☐		☐ pure ☐ mixture				☐ gallons ☐ pounds ☐ cu. feet ☐ tons	☐ ambient ☐ > amb. ☐ < amb.	☐ ambient ☐ > amb. ☐ < amb. ☐ cryogenic	☐ fire ☐ reactive ☐ pressure rel ☐ acute health ☐ chronic hea ☐ radioactiv
							☐ solid ☐ liquid ☐ gas	Curies: (If radioactive)	Days On Site:	Storage Container:*				
		CAS No.: ☐ EHS			☐		☐ pure ☐ mixture				☐ gallons ☐ pounds ☐ cu. feet ☐ tons	☐ ambient ☐ > amb. ☐ < amb.	☐ ambient ☐ > amb. ☐ < amb. ☐ cryogenic	☐ fire ☐ reactive ☐ pressure rel ☐ acute health ☐ chronic hea ☐ radioactive
							☐ solid ☐ liquid ☐ gas	Curies: (If radioactive)	Days On Site:	Storage Container:*				
		CAS No.: ☐ EHS			☐		☐ pure ☐ mixture				☐ gallons ☐ pounds ☐ cu. feet ☐ tons	☐ ambient ☐ > amb. ☐ < amb.	☐ ambient ☐ > amb. ☐ < amb. ☐ cryogenic	☐ fire ☐ reactive ☐ pressure rel ☐ acute health ☐ chronic hea ☐ radioactive
							☐ solid ☐ liquid ☐ gas	Curies: (If radioactive)	Days On Site:	Storage Container:*				
		CAS No.: ☐ EHS			☐		☐ pure ☐ mixture				☐ gallons ☐ pounds ☐ cu. feet ☐ tons	☐ ambient ☐ > amb. ☐ < amb.	☐ ambient ☐ > amb. ☐ < amb. ☐ cryogenic	☐ fire ☐ reactive ☐ pressure rel ☐ acute health ☐ chronic hea ☐ radioactive
							☐ solid ☐ liquid ☐ gas	Curies: (If radioactive)	Days On Site:	Storage Container:*				

* Storage Container Codes

Code	Storage Type	Code	Storage Type	Code	Storage Type	Code	Storage Type	Code	Storage Type	Code	Storage Type
A	Aboveground Tank	D	Steel Drum	G	Carboy	J	Bag	M	Glass Bottle or Jug	P	Tank Wagon
B	Belowground Tank	E	Plastic/Non-metallic Drum	H	Silo	K	Box	N	Plastic Bottle or Jug	Q	Rail Car
C	Tank Inside Building	F	Can	I	Fiber Drum	L	Cylinder	O	Tote Bin	R	Other

If EPCRA, sign below:

Date: 09/30/2004

Non-Waste Hazardous Materials Inventory Statement

For use by Unidocs Member Agencies or where approved by your Local Jurisdiction

27/33

Business Name: WJ Communications, Inc. (Same as Facility Name or DBA)

Type of Report on This Page: ☒ Add; ☐ Delete; ☐ Revise

Page 1 **of** 1 (One page per building or area)

Chemical Location: AREA F - Wet Bench 01 (Building/Storage Area)

EPCRA Confidential Location? ☐ Yes; ☒ No
Trade Secret Information? ☐ Yes; ☒ No

Facility ID # (Agency Use Only)

1. Haz. Class	2. Map and Grid or Location Code	3. Common Name	4. Hazardous Components (For mixtures only) Chemical Name	% Wt.	EHS	CAS No.	5. Type and Physical State	6. Quantities Max. Daily	Average Daily	Largest Cont.	7. Units	8. Storage Codes Storage Pressure	Storage Temp.	9. Hazard Categorie
COR	Wet Bench 01	10 - 40% Ammonium hydroxide solution	Ammonium hydroxide	20	☐	1336-21-6	☐ pure ☒ mixture	2	2	1	☒ gallons ☐ pounds ☐ cu. feet ☐ tons	☒ ambient ☐ > amb. ☐ < amb.	☒ ambient ☐ > amb. ☐ < amb. ☐ cryogenic	☐ fire ☒ reactive ☐ pressure r ☒ acute health ☒ chronic hea ☐ radioactive
			Water	bal.	☐	7732-18-5								
		CAS No.: ☐ EHS			☐		☐ solid ☒ liquid ☐ gas	Curies: (If radioactive)	Days On Site: 365	Storage Container:* C				
COR	Wet Bench 01	10 - 20% Hydrochloric acid solution	Hydrochloric acid	20	☐	7647-01-0	☐ pure ☒ mixture	2	2	1	☒ gallons ☐ pounds ☐ cu. feet ☐ tons	☒ ambient ☐ > amb. ☐ < amb.	☒ ambient ☐ > amb. ☐ < amb. ☐ cryogenic	☐ fire ☒ reactive ☐ pressure rel ☒ acute health ☒ chronic hea ☐ radioactive
			Water	bal.	☐	7732-18-5								
		CAS No.: ☐ EHS			☐		☐ solid ☒ liquid ☐ gas	Curies: (If radioactive)	Days On Site: 365	Storage Container:* C				
					☐		☐ pure ☐ mixture				☐ gallons ☐ pounds ☐ cu. feet ☐ tons	☐ ambient ☐ > amb. ☐ < amb.	☐ ambient ☐ > amb. ☐ < amb. ☐ cryogenic	☐ fire ☐ reactive ☐ pressure rel ☐ acute health ☐ chronic hea ☐ radioactive
		CAS No.: ☐ EHS			☐		☐ solid ☐ liquid ☐ gas	Curies: (If radioactive)	Days On Site:	Storage Container:*				
					☐		☐ pure ☐ mixture				☐ gallons ☐ pounds ☐ cu. feet ☐ tons	☐ ambient ☐ > amb. ☐ < amb.	☐ ambient ☐ > amb. ☐ < amb. ☐ cryogenic	☐ fire ☐ reactive ☐ pressure rel ☐ acute health ☐ chronic hea ☐ radioacti
		CAS No.: ☐ EHS			☐		☐ solid ☐ liquid ☐ gas	Curies: (If radioactive)	Days On Site:	Storage Container:*				
					☐		☐ pure ☐ mixture				☐ gallons ☐ pounds ☐ cu. feet ☐ tons	☐ ambient ☐ > amb. ☐ < amb.	☐ ambient ☐ > amb. ☐ < amb. ☐ cryogenic	☐ fire ☐ reactive ☐ pressure rel ☐ acute health ☐ chronic hea ☐ radioactive
		CAS No.: ☐ EHS			☐		☐ solid ☐ liquid ☐ gas	Curies: (If radioactive)	Days On Site:	Storage Container:*				
					☐		☐ pure ☐ mixture				☐ gallons ☐ pounds ☐ cu. feet ☐ tons	☐ ambient ☐ > amb. ☐ < amb.	☐ ambient ☐ > amb. ☐ < amb. ☐ cryogenic	☐ fire ☐ reactive ☐ pressure rel ☐ acute health ☐ chronic hea ☐ radioactive
		CAS No.: ☐ EHS			☐		☐ solid ☐ liquid ☐ gas	Curies: (If radioactive)	Days On Site:	Storage Container:*				

* Code — Storage Type

Code	Storage Type	Code	Storage Type	Code	Storage Type	Code	Storage Type	Code	Storage Type	Code	Storage Type
A	Aboveground Tank	D	Steel Drum	G	Carboy	J	Bag	M	Glass Bottle or Jug	P	Tank Wagon
B	Belowground Tank	E	Plastic/Non-metallic Drum	H	Silo	K	Box	N	Plastic Bottle or Jug	Q	Rail Car
C	Tank Inside Building	F	Can	I	Fiber Drum	L	Cylinder	O	Tote Bin	R	Other

If EPCRA, sign below:

Date: 09/30/2004

Non-Waste Hazardous Materials Inventory Statement

For use by Unidocs Member Agencies or where approved by your Local Jurisdiction

28 / 33

Business Name: WJ Communications, Inc.
(Same as Facility Name or DBA)

Type of Report on This Page: ☒ Add; ☐ Delete; ☐ Revise

Page 1 **of** 1 (One page per building or area)

Chemical Location: AREA F - Wet Bench 02
(Building/Storage Area)

EPCRA Confidential Location? ☐ Yes; ☒ No
Trade Secret Information? ☐ Yes; ☒ No

Facility ID # (Agency Use Only)

1. Haz. Class	2. Map and Grid or Location Code	3. Common Name	4. Hazardous Components (For mixtures only) Chemical Name	% Wt.	EHS	CAS No.	5. Type and Physical State	6. Quantities Max. Daily	Average Daily	Largest Cont.	7. Units	8. Storage Codes Storage Pressure	Storage Temp.	9. Hazard Categorie
COR	Wet Bench 02	10 - 20% Sulfuric acid solution	Sulfuric acid	20	☐	7446-11-9	☐ pure ☒ mixture	2	2	1	☒ gallons ☐ pounds ☐ cu. feet ☐ tons	☒ ambient ☐ > amb. ☐ < amb.	☒ ambient ☐ > amb. ☐ < amb. ☐ cryogenic	☐ fire ☒ reactive ☐ pressure re ☒ acute healt ☒ chronic hea ☐ radioactive
			Water	bal.	☐	7732-18-5								
		CAS No.: ☐ EHS			☐		☐ solid ☒ liquid ☐ gas	Curies: (If radioactive)	Days On Site: 365	Storage Container:* C				
COR	Wet Bench 02	10 - 20% Hydrochloric acid solution	Hydrochloric acid	20	☐	7647-01-0	☐ pure ☒ mixture	2	2	1	☒ gallons ☐ pounds ☐ cu. feet ☐ tons	☒ ambient ☐ > amb. ☐ < amb.	☒ ambient ☐ > amb. ☐ < amb. ☐ cryogenic	☐ fire ☒ reactive ☐ pressure rel ☒ acute health ☒ chronic hea ☐ radioactive
			Water	bal.	☐	7732-18-5								
		CAS No.: ☐ EHS			☐		☐ solid ☒ liquid ☐ gas	Curies: (If radioactive)	Days On Site: 365	Storage Container:* C				
COR	Wet Bench 02	Buffered Oxide Etch 930	Hydrofluoric acid	30	☐	7664-39-3	☐ pure ☒ mixture	1	1	1	☒ gallons ☐ pounds ☐ cu. feet ☐ tons	☒ ambient ☐ > amb. ☐ < amb.	☒ ambient ☐ > amb. ☐ < amb. ☐ cryogenic	☐ fire ☒ reactive ☐ pressure rel ☒ acute health ☒ chronic hea ☐ radioactive
			Ammonium fluoride	10	☐	12125-01-8								
			Water	bal.	☐	7732-18-5								
		CAS No.: ☐ EHS			☐		☐ solid ☒ liquid ☐ gas	Curies: (If radioactive)	Days On Site: 365	Storage Container:* C				
					☐		☐ pure ☐ mixture				☐ gallons ☐ pounds ☐ cu. feet ☐ tons	☐ ambient ☐ > amb. ☐ < amb.	☐ ambient ☐ > amb. ☐ < amb. ☐ cryogenic	☐ fire ☐ reactive ☐ pressure rel ☐ acute health ☐ chronic hea ☐ radioactiv
		CAS No.: ☐ EHS			☐		☐ solid ☐ liquid ☐ gas	Curies: (If radioactive)	Days On Site:	Storage Container:*				
					☐		☐ pure ☐ mixture				☐ gallons ☐ pounds ☐ cu. feet ☐ tons	☐ ambient ☐ > amb. ☐ < amb.	☐ ambient ☐ > amb. ☐ < amb. ☐ cryogenic	☐ fire ☐ reactive ☐ pressure rel ☐ acute health ☐ chronic hea ☐ radioactive
		CAS No.: ☐ EHS			☐		☐ solid ☐ liquid ☐ gas	Curies: (If radioactive)	Days On Site:	Storage Container:*				
					☐		☐ pure ☐ mixture				☐ gallons ☐ pounds ☐ cu. feet ☐ tons	☐ ambient ☐ > amb. ☐ < amb.	☐ ambient ☐ > amb. ☐ < amb. ☐ cryogenic	☐ fire ☐ reactive ☐ pressure rel ☐ acute health ☐ chronic hea ☐ radioactive
		CAS No.: ☐ EHS			☐		☐ solid ☐ liquid ☐ gas	Curies: (If radioactive)	Days On Site:	Storage Container:*				

* Storage Container Codes

Code	Storage Type	Code	Storage Type	Code	Storage Type	Code	Storage Type	Code	Storage Type	Code	Storage Type
A	Aboveground Tank	D	Steel Drum	G	Carboy	J	Bag	M	Glass Bottle or Jug	P	Tank Wagon
B	Belowground Tank	E	Plastic/Non-metallic Drum	H	Silo	K	Box	N	Plastic Bottle or Jug	Q	Rail Car
C	Tank Inside Building	F	Can	I	Fiber Drum	L	Cylinder	O	Tote Bin	R	Other

If EPCRA, sign below:

Non-Waste Hazardous Materials Inventory Statement

For Use By Unidocs Member Agencies or where approved by your Local Jurisdiction

Date: 9/30/2004

Business Name: (Same as Facility Name/DBA)	**WJ Communications**	**Type of Report on This Page:** ☐ Add; ☐ Delete; ☒ Revise;	**Page** 1 of 2 (One page per building area)
Chemical Location: (Building/Storage Area)	**AREA L (Lapping Area)**	**EPCRA Confidential Location?** ☐ Yes ☒ No **Trade Secret Information?** ☐ Yes ☒ No	**Facility ID#** (Agency Use Only)

1. Haz. Class	2. Map/ Grid or LC	3. Common Name	Chemical Name	4. Hazardous Components (For mixtures only) % Wt.	EHS	CAS No.	5. Type and Physical State	6. Quantities Max. Daily / Average Daily / Lgst. Cont	7. Units	8. Storage Codes Pressure / Temp.	9. Hazard Categories
CL-3A IRR	AREA L	**Glycerine, 99%** Cas No: ☐ EHS **56-81-5**		99	☐		☒ pure ☐ mixture ☐ solid ☒ liquid ☐ gas	2 / 1 / 1 Curies: Days on Site: 365 Storage Container M	☒ gal. ☐ lbs. ☐ cu.ft. ☐ tons	☒ amb. ☐ > amb. ☐ < amb. / ☒ amb. ☐ > amb. ☐ < amb. ☐ cryo.	☐ fire ☐ reactive ☐ pressure release ☐ acute health ☐ chronic health ☐ radioactive
FL-1B IRR	AREA L	**Isopropyl Alcohol (Squeeze Bottles)** Cas No: ☐ EHS **67-63-0**			☐		☒ pure ☐ mixture ☐ solid ☒ liquid ☐ gas	1 / 0.5 / 0.125 Curies: Days on Site: 365 Storage Container N	☒ gal. ☐ lbs. ☐ cu.ft. ☐ tons	☒ amb. ☐ > amb. ☐ < amb. / ☒ amb. ☐ > amb. ☐ < amb. ☐ cryo.	☒ fire ☐ reactive ☐ pressure release ☒ acute health ☐ chronic health ☐ radioactive
		INTENTIONALLY LEFT BLANK Cas No: ☐ EHS			☐		☐ pure ☐ mixture ☐ solid ☐ liquid ☐ gas	Curies: Days on Site: Storage Container	☐ gal. ☐ lbs. ☐ cu.ft. ☐ tons	☐ amb. ☐ > amb. ☐ < amb. / ☐ amb. ☐ > amb. ☐ < amb. ☐ cryo.	☐ fire ☐ reactive ☐ pressure release ☐ acute health ☐ chronic health ☐ radioactive
FL-1B	AREA L	**Acetone** Cas No: ☐ EHS **67-64-1**			☐		☒ pure ☐ mixture ☐ solid ☒ liquid ☐ gas	3 / 2 / 1 Curies: Days on Site: 365 Storage Container	☒ gal. ☐ lbs. ☐ cu.ft. ☐ tons	☒ amb. ☐ > amb. ☐ < amb. / ☒ amb. ☐ > amb. ☐ < amb. ☐ cryo.	☒ fire ☐ reactive ☐ pressure release ☐ acute health ☐ chronic health ☐ radioactive
IRR	AREA L	**Aluminum Oxide (Micro Grit 15)** Cas No: ☐ EHS **1344-28-1**			☐		☒ pure ☐ mixture ☒ solid ☐ liquid ☐ gas	50 / 40 / 50 Curies: Days on Site: 365 Storage Container	☐ gal. ☒ lbs. ☐ cu.ft. ☐ tons	☒ amb. ☐ > amb. ☐ < amb. / ☒ amb. ☐ > amb. ☐ < amb. ☐ cryo.	☐ fire ☐ reactive ☐ pressure release ☒ acute health ☐ chronic health ☐ radioactive
FL-1B IRR	AREA L	**Isopropyl Alcohol** Cas No: ☐ EHS **67-63-0**			☐		☒ pure ☐ mixture ☐ solid ☒ liquid ☐ gas	6 / 4 / 1 Curies: Days on Site: 365 Storage Container N	☒ gal. ☐ lbs. ☐ cu.ft. ☐ tons	☒ amb. ☐ > amb. ☐ < amb. / ☒ amb. ☐ > amb. ☐ < amb. ☐ cryo.	☒ fire ☐ reactive ☐ pressure release ☒ acute health ☒ chronic health ☐ radioactive
FL-1B	AREA L	**Acetone (Squeeze Bottles)** Cas No: ☐ EHS **67-64-1**			☐		☒ pure ☐ mixture ☐ solid ☒ liquid ☐ gas	1 / 0.5 / 0.125 Curies: Days on Site: 365 Storage Container N	☒ gal. ☐ lbs. ☐ cu.ft. ☐ tons	☒ amb. ☐ > amb. ☐ < amb. / ☒ amb. ☐ > amb. ☐ < amb. ☐ cryo.	☒ fire ☐ reactive ☐ pressure release ☐ acute health ☐ chronic health ☐ radioactive

* Storage Type codes:

Code	Storage Type	Code	Storage Type	Code	Storage Type	Code	Storage Type	Code	Storage Type
A	Aboveground Tank	D	Steel Drum	G	Carboy	J	Bag	M	Glass Bottle or Jug
B	Belowground Tank	E	Plastic/Nonmetallic Drum	H	Silo	K	Box	N	Plastic Bottle or Jug
C	Tank Inside Building	F	Can	I	Fiber Drum	L	Cylinder	O	Tote Bin

Code	Storage Type
P	Tank Wagon
Q	Rail Car
R	Tank Wagon

If EPCRA, sign below: _____

Hazardous Waste Inventory Statement

For use by Unidocs Member Agencies or where approved by your Local Jurisdiction

Date: 09/30/2004

Business Name: WJ Communications, Inc. (Same as Facility Name or DBA)

Type of Report on This Page: ☐ Add; ☐ Delete; ☒ Revise

Page 1 of 1 (One page per building or area)

Chemical Location: Area K - Electronic Test Lab (Building/Storage Area)

EPCRA Confidential Location? ☐ Yes; ☒ No
Trade Secret Information? ☐ Yes; ☒ No

Facility ID # (Agency Use Only)

1. Haz. Class	2. Map and Grid or Location Code	3. Waste Stream Name	4. Hazardous Components: Chemical Name	% Wt.	EHS	CAS No.	5. Type and Physical State	6. Quantities: Max. Daily	Average Daily	Largest Cont.	7. Annual Waste Amount	8. Units	9. Storage Codes: Storage Pressure	Storage Temp.	10. Hazard Categorie
4	Room	Debris c/w Flammable Solvent(s)			☐		☒ waste	5	5	5	5,000	☐ gallons ☒ pounds ☐ cu. feet ☐ tons	☒ ambient ☐ > amb. ☐ < amb.	☒ ambient ☐ > amb. ☐ < amb. ☐ cryogenic	☒ fire ☐ reactive ☐ pressure rel ☐ acute heal' ☐ chronic he. ☐ radioactive
			Isopropanol	1-5	☐	67-63-0									
		Management Method: ☒ Shipped Off-site ☐ Recycled On-site ☐ Treated On-site	Debris/solids	90	☐		☒ solid ☐ liquid ☐ gas	**Curies:** (If radioactive)	**Days On Site:** 365	**Storage Container:*** F	**State Waste Code:** 352				
					☐		☐ waste					☐ gallons ☐ pounds ☐ cu. feet ☐ tons	☐ ambient ☐ > amb. ☐ < amb.	☐ ambient ☐ > amb. ☐ < amb. ☐ cryogenic	☐ fire ☐ reactive ☐ pressure rel ☐ acute health ☐ chronic hea ☐ radioactive
		Management Method: ☐ Shipped Off-site ☐ Recycled On-site ☐ Treated On-site			☐		☐ solid ☐ liquid ☐ gas	**Curies:** (If radioactive)	**Days On Site:**	**Storage Container:***	**State Waste Code:**				
					☐		☐ waste					☐ gallons ☐ pounds ☐ cu. feet ☐ tons	☐ ambient ☐ > amb. ☐ < amb.	☐ ambient ☐ > amb. ☐ < amb. ☐ cryogenic	☐ fire ☐ reactive ☐ pressure rel ☐ acute health ☐ chronic hea ☐ radioactive
		Management Method: ☐ Shipped Off-site ☐ Recycled On-site ☐ Treated On-site			☐		☐ solid ☐ liquid ☐ gas	**Curies:** (If radioactive)	**Days On Site:**	**Storage Container:***	**State Waste Code:**				
					☐		☐ waste					☐ gallons ☐ pounds ☐ cu. feet ☐ tons	☐ ambient ☐ > amb. ☐ < amb.	☐ ambient ☐ > amb. ☐ < amb. ☐ cryogenic	☐ fire ☐ reactive ☐ pressure rel ☐ acute health ☐ chronic hea ☐ radioactive
		Management Method: ☐ Shipped Off-site ☐ Recycled On-site ☐ Treated On-site			☐		☐ solid ☐ liquid ☐ gas	**Curies:** (If radioactive)	**Days On Site:**	**Storage Container:***	**State Waste Code:**				
					☐		☐ waste					☐ gallons ☐ pounds ☐ cu. feet ☐ tons	☐ ambient ☐ > amb. ☐ < amb.	☐ ambient ☐ > amb. ☐ < amb. ☐ cryogenic	☐ fire ☐ reactive ☐ pressure rel ☐ acute health ☐ chronic hea ☐ radioactive
		Management Method: ☐ Shipped Off-site ☐ Recycled On-site ☐ Treated On-site			☐		☐ solid ☐ liquid ☐ gas	**Curies:** (If radioactive)	**Days On Site:**	**Storage Container:***	**State Waste Code:**				
					☐		☐ waste					☐ gallons ☐ pounds ☐ cu. feet ☐ tons	☐ ambient ☐ > amb. ☐ < amb.	☐ ambient ☐ > amb. ☐ < amb. ☐ cryogenic	☐ fire ☐ reactive ☐ pressure rel ☐ acute health ☐ chronic hea ☐ radioactive
		Management Method: ☐ Shipped Off-site ☐ Recycled On-site ☐ Treated On-site			☐		☐ solid ☐ liquid ☐ gas	**Curies:** (If radioactive)	**Days On Site:**	**Storage Container:***	**State Waste Code:**				

* Storage Container Codes

Code	Storage Type	Code	Storage Type	Code	Storage Type	Code	Storage Type	Code	Storage Type	Code	Storage Type
A	Aboveground Tank	D	Steel Drum	G	Carboy	J	Bag	M	Glass Bottle or Jug	P	Tank Wagon
B	Belowground Tank	E	Plastic/Nonmetallic Drum	H	Silo	K	Box	N	Plastic Bottle or Jug	Q	Rail Car
C	Tank Inside Building	F	Can	I	Fiber Drum	L	Cylinder	O	Tote Bin	R	Other

If EPCRA, sign below:

Date: 10/11/2004

Non-Waste Hazardous Materials Inventory Statement

For use by Unidocs Member Agencies or where approved by your Local Jurisdiction

Business Name: WJ Communications, Inc. (Same as Facility Name or DBA)

Type of Report on This Page: ☒ Add; ☐ Delete; ☐ Revise

Page 1 of 1 (One page per building or area)

Chemical Location: AREA K - Electronic Test Lab (Building/Storage Area)

EPCRA Confidential Location? ☐ Yes; ☒ No

Trade Secret Information? ☐ Yes; ☒ No

Facility ID # (Agency Use Only)

1. Haz. Class	2. Map and Grid or Location Code	3. Common Name	4. Hazardous Components (For mixtures only) Chemical Name	% Wt.	EHS	CAS No.	5. Type and Physical State	6. Quantities Max. Daily	Average Daily	Largest Cont.	7. Units	8. Storage Codes Storage Pressure	Storage Temp.	9. Hazard Categorie
FLIB	Room	Isopropyl Alcohol			☐		☒ pure ☐ mixture	1	0.5	0.125	☒ gallons ☐ pounds ☐ cu. feet ☒ tons	☒ ambient ☐ > amb. ☐ < amb.	☒ ambient ☐ > amb. ☐ < amb. ☐ cryogenic	☒ fire ☐ reactive ☐ pressure rel ☐ acute healt ☐ chronic he. ☐ radioactive
		CAS No.: 67-63-0 ☐ EHS					☐ solid ☒ liquid ☐ gas	Curies: (If radioactive)	Days On Site: 365	Storage Container:* N				
	Room	Isopropyl Alcohol, 9% Solution	2-Propanol	9	☐	67-63-0	☒ pure ☐ mixture	1	0.5	0.125	☒ gallons ☐ pounds ☐ cu. feet ☐ tons	☒ ambient ☐ > amb. ☐ < amb.	☒ ambient ☐ > amb. ☐ < amb. ☐ cryogenic	☐ fire ☐ reactive ☐ pressure rel ☐ acute health ☐ chronic hea ☐ radioactive
			water	91	☐	7732-18-5								
		CAS No.: 67-64-1 ☐ EHS					☐ solid ☒ liquid ☐ gas	Curies: (If radioactive)	Days On Site: 365	Storage Container:* N				
					☐		☐ pure ☐ mixture				☐ gallons ☐ pounds ☐ cu. feet ☐ tons	☐ ambient ☐ > amb. ☐ < amb.	☐ ambient ☐ > amb. ☐ < amb. ☐ cryogenic	☐ fire ☐ reactive ☐ pressure rel ☐ acute health ☐ chronic hea ☐ radioactive
		CAS No.: ☐ EHS					☐ solid ☐ liquid ☐ gas	Curies: (If radioactive)	Days On Site:	Storage Container:*				
					☐		☐ pure ☐ mixture				☐ gallons ☐ pounds ☐ cu. feet ☐ tons	☐ ambient ☐ > amb. ☐ < amb.	☐ ambient ☐ > amb. ☐ < amb. ☐ cryogenic	☐ fire ☐ reactive ☐ pressure rel ☐ acute health ☐ chronic hea ☐ radioactive
		CAS No.: ☐ EHS					☐ solid ☐ liquid ☐ gas	Curies: (If radioactive)	Days On Site:	Storage Container:*				
					☐		☐ pure ☐ mixture				☐ gallons ☐ pounds ☐ cu. feet ☐ tons	☐ ambient ☐ > amb. ☐ < amb.	☐ ambient ☐ > amb. ☐ < amb. ☐ cryogenic	☐ fire ☐ reactive ☐ pressure rel ☐ acute health ☐ chronic hea ☐ radioactive
		CAS No.: ☐ EHS					☐ solid ☐ liquid ☐ gas	Curies: (If radioactive)	Days On Site:	Storage Container:*				
					☐		☐ pure ☐ mixture				☐ gallons ☐ pounds ☐ cu. feet ☐ tons	☐ ambient ☐ > amb. ☐ < amb.	☐ ambient ☐ > amb. ☐ < amb. ☐ cryogenic	☐ fire ☐ reactive ☐ pressure rel ☐ acute health ☐ chronic hea ☐ radioactive
		CAS No.: ☐ EHS					☐ solid ☐ liquid ☐ gas	Curies: (If radioactive)	Days On Site:	Storage Container:*				

* Storage Container Codes

Code	Storage Type	Code	Storage Type	Code	Storage Type	Code	Storage Type	Code	Storage Type	Code	Storage Type
A	Aboveground Tank	D	Steel Drum	G	Carboy	J	Bag	M	Glass Bottle or Jug	P	Tank Wagon
B	Belowground Tank	E	Plastic/Non-metallic Drum	H	Silo	K	Box	N	Plastic Bottle or Jug	Q	Rail Car
C	Tank Inside Building	F	Can	I	Fiber Drum	L	Cylinder	O	Tote Bin	R	Other

If EPCRA, sign below:

Date: 09/30/2004

Hazardous Waste Inventory Statement

For use by Unidocs Member Agencies or where approved by your Local Jurisdiction

Business Name: WJ Communications (Same as Facility Name or DBA)

Type of Report on This Page: ☐ Add; ☐ Delete; ☒ Revise

Page 1 of 1 (One page per building or area)

Chemical Location: Area J - Equipment Maintenance Shop (Building/Storage Area)

EPCRA Confidential Location? ☐ Yes; ☒ No
Trade Secret Information? ☐ Yes; ☒ No

Facility ID # (Agency Use Only)

1. Haz. Class	2. Map and Grid or Location Code	3. Waste Stream Name	4. Hazardous Components: Chemical Name	% Wt.	EHS	CAS No.	5. Type and Physical State	6. Quantities: Max. Daily	Average Daily	Largest Cont.	7. Annual Waste Amount	8. Units	9. Storage Codes: Storage Pressure	Storage Temp.	10. Hazard Categorie
4	Room	Debris c/w Flammable Solvent(s)	Misc. solvents	1-5	☐		☒ waste	5	5	5	5,000	☐ gallons ☒ pounds ☐ cu. feet ☐ tons	☒ ambient ☐ > amb. ☐ < amb.	☒ ambient ☐ > amb. ☐ < amb. ☐ cryogenic	☒ fire ☐ reactive ☐ pressure rel ☐ acute healt ☐ chronic he. ☐ radioactive
			Misc. oil(s)	1-5	☐										
		Management Method: ☒ Shipped Off-site ☐ Recycled On-site ☐ Treated On-site	Debris/solids	90	☐		☒ solid ☐ liquid ☐ gas	Curies: (If radioactive)	Days On Site: 365	Storage Container:* F	State Waste Code: 352				
					☐		☐ waste					☐ gallons ☐ pounds ☐ cu. feet ☐ tons	☐ ambient ☐ > amb. ☐ < amb.	☐ ambient ☐ > amb. ☐ < amb. ☐ cryogenic	☐ fire ☐ reactive ☐ pressure rel ☐ acute health ☐ chronic hea ☐ radioactive
		Management Method: ☐ Shipped Off-site ☐ Recycled On-site ☐ Treated On-site			☐		☐ solid ☐ liquid ☐ gas	Curies: (If radioactive)	Days On Site:	Storage Container:*	State Waste Code:				
					☐		☐ waste					☐ gallons ☐ pounds ☐ cu. feet ☐ tons	☐ ambient ☐ > amb. ☐ < amb.	☐ ambient ☐ > amb. ☐ < amb. ☐ cryogenic	☐ fire ☐ reactive ☐ pressure rel ☐ acute health ☐ chronic hea ☐ radioactive
		Management Method: ☐ Shipped Off-site ☐ Recycled On-site ☐ Treated On-site			☐		☐ solid ☐ liquid ☐ gas	Curies: (If radioactive)	Days On Site:	Storage Container:*	State Waste Code:				
					☐		☐ waste					☐ gallons ☐ pounds ☐ cu. feet ☐ tons	☐ ambient ☐ > amb. ☐ < amb.	☐ ambient ☐ > amb. ☐ < amb. ☐ cryogenic	☐ fire ☐ reactive ☐ pressure rel ☐ acute health ☐ chronic hea ☐ radioactive
		Management Method: ☐ Shipped Off-site ☐ Recycled On-site ☐ Treated On-site			☐		☐ solid ☐ liquid ☐ gas	Curies: (If radioactive)	Days On Site:	Storage Container:*	State Waste Code:				
					☐		☐ waste					☐ gallons ☐ pounds ☐ cu. feet ☐ tons	☐ ambient ☐ > amb. ☐ < amb.	☐ ambient ☐ > amb. ☐ < amb. ☐ cryogenic	☐ fire ☐ reactive ☐ pressure rel ☐ acute health ☐ chronic hea ☐ radioactive
		Management Method: ☐ Shipped Off-site ☐ Recycled On-site ☐ Treated On-site			☐		☐ solid ☐ liquid ☐ gas	Curies: (If radioactive)	Days On Site:	Storage Container:*	State Waste Code:				
					☐		☐ waste					☐ gallons ☐ pounds ☐ cu. feet ☐ tons	☐ ambient ☐ > amb. ☐ < amb.	☐ ambient ☐ > amb. ☐ < amb. ☐ cryogenic	☐ fire ☐ reactive ☐ pressure rel ☐ acute health ☐ chronic hea ☐ radioactive
		Management Method: ☐ Shipped Off-site ☐ Recycled On-site ☐ Treated On-site			☐		☐ solid ☐ liquid ☐ gas	Curies: (If radioactive)	Days On Site:	Storage Container:*	State Waste Code:				

* Storage Type Codes

Code	Storage Type	Code	Storage Type	Code	Storage Type	Code	Storage Type	Code	Storage Type	Code	Storage Type
A	Aboveground Tank	D	Steel Drum	G	Carboy	J	Bag	M	Glass Bottle or Jug	P	Tank Wagon
B	Belowground Tank	E	Plastic/Nonmetallic Drum	H	Silo	K	Box	N	Plastic Bottle or Jug	Q	Rail Car
C	Tank Inside Building	F	Can	I	Fiber Drum	L	Cylinder	O	Tote Bin	R	Other

If EPCRA, sign below:

Non-Waste Hazardous Materials Inventory Statement

For Use By Unidocs Member Agencies or where approved by your Local Jurisdiction

Date: 1/15/2002

Business Name: (Same as Facility Name/DBA)	**WJ Communications**	**Type of Report on This Page:** ☐ Add; ☐ Delete; ☐ Revise;	**Page** 1 of 1 (One page per building area)
Chemical Location: (Building/Storage Area)	**AREA J** (Equip. Maint. Shop)	**EPCRA Confidential Location?** ☐ Yes ☒ No **Trade Secret Information?** ☐ Yes ☒ No	**Facility ID#** (Agency Use Only)

1. Haz. Class	2. Map/ Grid or LC	3. Common Name	Hazardous Components (For mixtures only) Chemical Name	% Wt.	EHS	CAS No.	5. Type and Physical State	6. Quantities Max. Daily	Average Daily	Lgst. Cont	7. Units	8. Storage Codes Pressure	Temp.	9. Hazard Categories
FLIB	Area K	**Acetone** (Squeeze Bottles) Cas No: ☐ EHS **67-64-1**			☐		☒ pure ☐ mixture ☐ solid ☒ liquid ☐ gas	1 Curies:	0.5 Days on Site: 365	0.125 Storage Container N	☒ gal. ☐ lbs. ☐ cu.ft. ☐ tons	☒ amb. ☐ > amb. ☐ < amb.	☒ amb. ☐ > amb. ☐ < amb. ☐ cryo.	☒ fire ☐ reactive ☐ pressure release ☐ acute health ☒ chronic health ☐ radioactive
FLIB	Area K	**Isopropyl Alcohol** (Squeeze Bottles) Cas No: ☐ EHS **67-63-0**			☐		☒ pure ☐ mixture ☐ solid ☒ liquid ☐ gas	1 Curies:	0.5 Days on Site: 365	0.125 Storage Container N	☒ gal. ☐ lbs. ☐ cu.ft. ☐ tons	☒ amb. ☐ > amb. ☐ < amb.	☒ amb. ☐ > amb. ☐ < amb. ☐ cryo.	☒ fire ☐ reactive ☐ pressure release ☐ acute health ☒ chronic health ☐ radioactive
IRR	Area K	**Aloxglass** Cas No: ☐ EHS **67-63-0**	Glass oxide Aluminum oxide	80 20	☐ ☐	65997-17-1 1344-28-1	☐ pure ☒ mixture ☒ solid ☐ liquid ☐ gas	150 Curies:	100 Days on Site: 365	50 Storage Container E	☐ gal. ☒ lbs. ☐ cu.ft. ☐ tons	☒ amb. ☐ > amb. ☐ < amb.	☒ amb. ☐ > amb. ☐ < amb. ☐ cryo.	☐ fire ☐ reactive ☐ pressure release ☐ acute health ☐ chronic health ☐ radioactive
		Cas No: ☐ EHS			☐		☐ pure ☐ mixture ☐ solid ☐ liquid ☐ gas	Curies:	Days on Site:	Storage Container	☐ gal. ☐ lbs. ☐ cu.ft. ☐ tons	☐ amb. ☐ > amb. ☐ < amb.	☐ amb. ☐ > amb. ☐ < amb. ☐ cryo.	☐ fire ☐ reactive ☐ pressure release ☐ acute health ☐ chronic health ☐ radioactive
		Cas No: ☐ EHS			☐		☐ pure ☐ mixture ☐ solid ☐ liquid ☐ gas	Curies:	Days on Site:	Storage Container	☐ gal. ☐ lbs. ☐ cu.ft. ☐ tons	☐ amb. ☐ > amb. ☐ < amb.	☐ amb. ☐ > amb. ☐ < amb. ☐ cryo.	☐ fire ☐ reactive ☐ pressure release ☐ acute health ☐ chronic health ☐ radioactive
		Cas No: ☐ EHS			☐		☐ pure ☐ mixture ☐ solid ☐ liquid ☐ gas	Curies:	Days on Site:	Storage Container	☐ gal. ☐ lbs. ☐ cu.ft. ☐ tons	☐ amb. ☐ > amb. ☐ < amb.	☐ amb. ☐ > amb. ☐ < amb. ☐ cryo.	☐ fire ☐ reactive ☐ pressure release ☐ acute health ☐ chronic health ☐ radioactive

* Code Storage Type: A Aboveground Tank; B Belowground Tank; C Tank Inside Building; D Steel Drum; E Plastic/Nonmetallic Drum; F Can; G Carboy; H Silo; I Fiber Drum; J Bag; K Box; L Cylinder; M Glass Bottle or Jug; N Plastic Bottle or Jug; O Tote Bin; P Tank Wagon; Q Rail Car; R Tank Wagon

If EPCRA, sign below: _____

Date: 10/08/2004

Hazardous Waste Inventory Statement

For use by Unidocs Member Agencies or where approved by your Local Jurisdiction

Business Name: WJ Communications, Inc.
(Same as Facility Name or DBA)

Type of Report on This Page: ☐ Add; ☐ Delete; ☒ Revise

Page 1 of 1
(One page per building or area)

Chemical Location: Area I - SEM Room
(Building/Storage Area)

EPCRA Confidential Location? ☐ Yes; ☒ No
Trade Secret Information? ☐ Yes; ☒ No

Facility ID # (Agency Use Only)

1. Haz. Class	2. Map and Grid or Location Code	3. Waste Stream Name	4. Hazardous Components: Chemical Name	% Wt.	EHS	CAS No.	5. Type and Physical State	6. Quantities: Max. Daily	Average Daily	Largest Cont.	7. Annual Waste Amount	8. Units	9. Storage Codes: Storage Pressure	Storage Temp.	10. Hazard Categorie
	Room	No Waste Materials are Stored in this AREA			☐		☐ waste					☐ gallons ☐ pounds ☐ cu. feet ☐ tons	☐ ambient ☐ > amb. ☐ < amb.	☐ ambient ☐ > amb. ☐ < amb. ☐ cryogenic	☐ fire ☐ reactive ☐ pressure rel ☐ acute healt ☐ chronic he. ☐ radioactive
		Management Method: ☐ Shipped Off-site ☐ Recycled On-site ☐ Treated On-site			☐		☐ solid ☐ liquid ☐ gas	Curies: (If radioactive)	Days On Site:	Storage Container:*	State Waste Code:				
					☐		☐ waste					☐ gallons ☐ pounds ☐ cu. feet ☐ tons	☐ ambient ☐ > amb. ☐ < amb.	☐ ambient ☐ > amb. ☐ < amb. ☐ cryogenic	☐ fire ☐ reactive ☐ pressure rel ☐ acute health ☐ chronic hea ☐ radioactive
		Management Method: ☐ Shipped Off-site ☐ Recycled On-site ☐ Treated On-site			☐		☐ solid ☐ liquid ☐ gas	Curies: (If radioactive)	Days On Site:	Storage Container:*	State Waste Code:				
					☐		☐ waste					☐ gallons ☐ pounds ☐ cu. feet ☐ tons	☐ ambient ☐ > amb. ☐ < amb.	☐ ambient ☐ > amb. ☐ < amb. ☐ cryogenic	☐ fire ☐ reactive ☐ pressure rel ☐ acute health ☐ chronic hea ☐ radioactive
		Management Method: ☐ Shipped Off-site ☐ Recycled On-site ☐ Treated On-site			☐		☐ solid ☐ liquid ☐ gas	Curies: (If radioactive)	Days On Site:	Storage Container:*	State Waste Code:				
					☐		☐ waste					☐ gallons ☐ pounds ☐ cu. feet ☐ tons	☐ ambient ☐ > amb. ☐ < amb.	☐ ambient ☐ > amb. ☐ < amb. ☐ cryogenic	☐ fire ☐ reactive ☐ pressure rel ☐ acute health ☐ chronic hea ☐ radioactive
		Management Method: ☐ Shipped Off-site ☐ Recycled On-site ☐ Treated On-site			☐		☐ solid ☐ liquid ☐ gas	Curies: (If radioactive)	Days On Site:	Storage Container:*	State Waste Code:				
					☐		☐ waste					☐ gallons ☐ pounds ☐ cu. feet ☐ tons	☐ ambient ☐ > amb. ☐ < amb.	☐ ambient ☐ > amb. ☐ < amb. ☐ cryogenic	☐ fire ☐ reactive ☐ pressure rel ☐ acute health ☐ chronic hea ☐ radioactive
		Management Method: ☐ Shipped Off-site ☐ Recycled On-site ☐ Treated On-site			☐		☐ solid ☐ liquid ☐ gas	Curies: (If radioactive)	Days On Site:	Storage Container:*	State Waste Code:				
					☐		☐ waste					☐ gallons ☐ pounds ☐ cu. feet ☐ tons	☐ ambient ☐ > amb. ☐ < amb.	☐ ambient ☐ > amb. ☐ < amb. ☐ cryogenic	☐ fire ☐ reactive ☐ pressure rel ☐ acute health ☐ chronic hea ☐ radioactive
		Management Method: ☐ Shipped Off-site ☐ Recycled On-site ☐ Treated On-site			☐		☐ solid ☐ liquid ☐ gas	Curies: (If radioactive)	Days On Site:	Storage Container:*	State Waste Code:				

* Storage Container Codes

Code	Storage Type	Code	Storage Type	Code	Storage Type	Code	Storage Type	Code	Storage Type	Code	Storage Type
A	Aboveground Tank	D	Steel Drum	G	Carboy	J	Bag	M	Glass Bottle or Jug	P	Tank Wagon
B	Belowground Tank	E	Plastic/Nonmetallic Drum	H	Silo	K	Box	N	Plastic Bottle or Jug	Q	Rail Car
C	Tank Inside Building	F	Can	I	Fiber Drum	L	Cylinder	O	Tote Bin	R	Other

If EPCRA, sign below:

Non-Waste Hazardous Materials Inventory Statement

For Use By Unidocs Member Agencies or where approved by your Local Jurisdiction

Date: 1/15/2002

Business Name: (Same as Facility Name/DBA) **WJ Communications, Inc.**	**Type of Report on This Page:** ☒ Add; ☐ Delete; ☐ Revise;	**Page** 1 of 1 (One page per building area)	
Chemical Location: (Building/Storage Area) **AREA 1 - SEM Room**	**EPCRA Confidential Location?** ☐ Yes ☒ No **Trade Secret Information?** ☐ Yes ☒ No	**Facility ID#** (Agency Use Only)	

1. Haz. Class	2. Map/ Grid or LC	3. Common Name / Chemical Name / CAS No.	4. Hazardous Components (For mixtures only) % Wt. / EHS	5. Type and Physical State	6. Quantities: Max. Daily / Average Daily / Lgst. Cont / Units	7.	8. Storage Codes: Pressure / Temp.	9. Hazard Categories
NFG CRY		**Nitrogen, Liquid** Cas No: ☐ EHS **7727-37-9**	☐	☒ pure ☐ mixture ☐ solid ☒ liquid ☒ gas	**2.5** / **2** / **2.5** Curies: / Days on Site: **365** / Storage Container **C** ☒ gal. ☐ lbs. ☐ cu.ft. ☐ tons		☒ amb. ☐ > amb. ☐ < amb. ☐ amb. ☐ > amb. ☐ < amb. ☒ cryo.	☐ fire ☐ reactive ☐ pressure release ☒ acute health ☐ chronic health ☐ radioactive
		Cas No: ☐ EHS	☐	☐ pure ☐ mixture ☐ solid ☐ liquid ☐ gas	Curies: / Days on Site: / Storage Container ☐ gal. ☐ lbs. ☐ cu.ft. ☐ tons		☐ amb. ☐ > amb. ☐ < amb. ☐ amb. ☐ > amb. ☐ < amb. ☐ cryo.	☐ fire ☐ reactive ☐ pressure release ☐ acute health ☐ chronic health ☐ radioactive
		Cas No: ☐ EHS	☐	☐ pure ☐ mixture ☐ solid ☐ liquid ☐ gas	Curies: / Days on Site: / Storage Container ☐ gal. ☐ lbs. ☐ cu.ft. ☐ tons		☐ amb. ☐ > amb. ☐ < amb. ☐ amb. ☐ > amb. ☐ < amb. ☐ cryo.	☐ fire ☐ reactive ☐ pressure release ☐ acute health ☐ chronic health ☐ radioactive
		Cas No: ☐ EHS	☐	☐ pure ☐ mixture ☐ solid ☐ liquid ☐ gas	Curies: / Days on Site: / Storage Container ☐ gal. ☐ lbs. ☐ cu.ft. ☐ tons		☐ amb. ☐ > amb. ☐ < amb. ☐ amb. ☐ > amb. ☐ < amb. ☐ cryo.	☐ fire ☐ reactive ☐ pressure release ☐ acute health ☐ chronic health ☐ radioactive
		Cas No: ☐ EHS	☐	☐ pure ☐ mixture ☐ solid ☐ liquid ☐ gas	Curies: / Days on Site: / Storage Container ☐ gal. ☐ lbs. ☐ cu.ft. ☐ tons		☐ amb. ☐ > amb. ☐ < amb. ☐ amb. ☐ > amb. ☐ < amb. ☐ cryo.	☐ fire ☐ reactive ☐ pressure release ☐ acute health ☐ chronic health ☐ radioactive
		Cas No: ☐ EHS	☐	☐ pure ☐ mixture ☐ solid ☐ liquid ☐ gas	Curies: / Days on Site: / Storage Container ☐ gal. ☐ lbs. ☐ cu.ft. ☐ tons		☐ amb. ☐ > amb. ☐ < amb. ☐ amb. ☐ > amb. ☐ < amb. ☐ cryo.	☐ fire ☐ reactive ☐ pressure release ☐ acute health ☐ chronic health ☐ radioactive

* Code Storage Type

Code	Storage Type	Code	Storage Type	Code	Storage Type	Code	Storage Type	Code	Storage Type	Code	Storage Type
A	Aboveground Tank	D	Steel Drum	G	Carboy	J	Bag	M	Glass Bottle or Jug	P	Tank Wagon
B	Belowground Tank	E	Plastic/Nonmetallic Drum	H	Silo	K	Box	N	Plastic Bottle or Jug	Q	Rail Car
C	Tank Inside Building	F	Can	I	Fiber Drum	L	Cylinder	O	Tote Bin	R	Tank Wagon

If EPCRA, sign below:

Hazardous Waste Inventory Statement

Date: 10/08/2004

For use by Unidocs Member Agencies or where approved by your Local Jurisdiction

Business Name: WJ Communications, Inc. (Same as Facility Name or DBA)

Type of Report on This Page: ☐ Add; ☐ Delete; ☒ Revise

Page 1 of 1 (One page per building or area)

Chemical Location: Area H (Building/Storage Area)

EPCRA Confidential Location? ☐ Yes; ☒ No

Trade Secret Information? ☐ Yes; ☒ No

Facility ID # (Agency Use Only)

1. Haz. Class	2. Map and Grid or Location Code	3. Waste Stream Name	4. Hazardous Components: Chemical Name	% Wt.	EHS	CAS No.	5. Type and Physical State	6. Quantities: Max. Daily	Average Daily	Largest Cont.	7. Annual Waste Amount	8. Units	9. Storage Codes: Storage Pressure	Storage Temp.	10. Hazard Categorie
	Room	No Waste Materials are Stored in this AREA			☐		☐ waste					☐ gallons ☐ pounds ☐ cu. feet ☐ tons	☐ ambient ☐ > amb. ☐ < amb.	☐ ambient ☐ > amb. ☐ < amb. ☐ cryogenic	☐ fire ☐ reactive ☐ pressure rel ☐ acute healt ☐ chronic he ☐ radioactive
		Management Method: ☐ Shipped Off-site ☐ Recycled On-site ☐ Treated On-site			☐		☐ solid ☐ liquid ☐ gas	Curies: (If radioactive)	Days On Site:	Storage Container:*	State Waste Code:				
					☐		☐ waste					☐ gallons ☐ pounds ☐ cu. feet ☐ tons	☐ ambient ☐ > amb. ☐ < amb.	☐ ambient ☐ > amb. ☐ < amb. ☐ cryogenic	☐ fire ☐ reactive ☐ pressure rel ☐ acute health ☐ chronic hea ☐ radioactive
		Management Method: ☐ Shipped Off-site ☐ Recycled On-site ☐ Treated On-site			☐		☐ solid ☐ liquid ☐ gas	Curies: (If radioactive)	Days On Site:	Storage Container:*	State Waste Code:				
					☐		☐ waste					☐ gallons ☐ pounds ☐ cu. feet ☐ tons	☐ ambient ☐ > amb. ☐ < amb.	☐ ambient ☐ > amb. ☐ < amb. ☐ cryogenic	☐ fire ☐ reactive ☐ pressure rel ☐ acute health ☐ chronic hea ☐ radioactive
		Management Method: ☐ Shipped Off-site ☐ Recycled On-site ☐ Treated On-site			☐		☐ solid ☐ liquid ☐ gas	Curies: (If radioactive)	Days On Site:	Storage Container:*	State Waste Code:				
					☐		☐ waste					☐ gallons ☐ pounds ☐ cu. feet ☐ tons	☐ ambient ☐ > amb. ☐ < amb.	☐ ambient ☐ > amb. ☐ < amb. ☐ cryogenic	☐ fire ☐ reactive ☐ pressure rel ☐ acute health ☐ chronic hea ☐ radioactive
		Management Method: ☐ Shipped Off-site ☐ Recycled On-site ☐ Treated On-site			☐		☐ solid ☐ liquid ☐ gas	Curies: (If radioactive)	Days On Site:	Storage Container:*	State Waste Code:				
					☐		☐ waste					☐ gallons ☐ pounds ☐ cu. feet ☐ tons	☐ ambient ☐ > amb. ☐ < amb.	☐ ambient ☐ > amb. ☐ < amb. ☐ cryogenic	☐ fire ☐ reactive ☐ pressure rel ☐ acute health ☐ chronic hea ☐ radioactive
		Management Method: ☐ Shipped Off-site ☐ Recycled On-site ☐ Treated On-site			☐		☐ solid ☐ liquid ☐ gas	Curies: (If radioactive)	Days On Site:	Storage Container:*	State Waste Code:				

* Storage Type Codes

Code	Storage Type	Code	Storage Type	Code	Storage Type	Code	Storage Type	Code	Storage Type	Code	Storage Type
A	Aboveground Tank	D	Steel Drum	G	Carboy	J	Bag	M	Glass Bottle or Jug	P	Tank Wagon
B	Belowground Tank	E	Plastic/Nonmetallic Drum	H	Silo	K	Box	N	Plastic Bottle or Jug	Q	Rail Car
C	Tank Inside Building	F	Can	I	Fiber Drum	L	Cylinder	O	Tote Bin	R	Other

If EPCRA, sign below:

Non-Waste Hazardous Materials Inventory Statement

For Use By Unidocs Member Agencies or where approved by your Local Jurisdiction

Date: 1/15/2002

Business Name: (Same as Facility Name/DBA) **WJ Communications**	**Type of Report on This Page:** ☐ Add; ☐ Delete; ☐ Revise;	**Page** 1 of 1 (One page per building area)	
Chemical Location: (Building/Storage Area) **AREA H**	**EPCRA Confidential Location?** ☐ Yes ☐ No **Trade Secret Information?** ☐ Yes ☐ No	**Facility ID#** (Agency Use Only)	

1 Haz. Class	2. Map/ Grid or LC	3. Common Name	Chemical Name	4. Hazardous Components (For mixtures only) % Wt.	EHS	CAS No.	5. Type and Physical State	6. Quantities Max. Daily	Average Daily	Lgst. Cont	7. Units	8. Storage Codes Pressure	Temp.	9. Hazard Categories
		Non-Hazardous Items ONLY Cas No:			☐		☐ pure ☐ mixture ☐ solid ☐ liquid ☐ gas	Curies:	Days on Site:	Storage Container	☐ gal. ☐ lbs. ☐ cu.ft. ☐ tons	☐ amb. ☐ > amb. ☐ < amb.	☐ amb. ☐ > amb. ☐ < amb. ☐ cryo.	☐ fire ☐ reactive ☐ pressure release ☐ acute health ☐ chronic health ☐ radioactive
		Cas No: ☐ EHS			☐		☐ pure ☐ mixture ☐ solid ☐ liquid ☐ gas	Curies:	Days on Site:	Storage Container	☐ gal. ☐ lbs. ☐ cu.ft. ☐ tons	☐ amb. ☐ > amb. ☐ < amb.	☐ amb. ☐ > amb. ☐ < amb. ☐ cryo.	☐ fire ☐ reactive ☐ pressure release ☐ acute health ☐ chronic health ☐ radioactive
		Cas No: ☐ EHS			☐		☐ pure ☐ mixture ☐ solid ☐ liquid ☐ gas	Curies:	Days on Site:	Storage Container	☐ gal. ☐ lbs. ☐ cu.ft. ☐ tons	☐ amb. ☐ > amb. ☐ < amb.	☐ amb. ☐ > amb. ☐ < amb. ☐ cryo.	☐ fire ☐ reactive ☐ pressure release ☐ acute health ☐ chronic health ☐ radioactive
		Cas No: ☐ EHS			☐		☐ pure ☐ mixture ☐ solid ☐ liquid ☐ gas	Curies:	Days on Site:	Storage Container	☐ gal. ☐ lbs. ☐ cu.ft. ☐ tons	☐ amb. ☐ > amb. ☐ < amb.	☐ amb. ☐ > amb. ☐ < amb. ☐ cryo.	☐ fire ☐ reactive ☐ pressure release ☐ acute health ☐ chronic health ☐ radioactive
		Cas No: ☐ EHS			☐		☐ pure ☐ mixture ☐ solid ☐ liquid ☐ gas	Curies:	Days on Site:	Storage Container	☐ gal. ☐ lbs. ☐ cu.ft. ☐ tons	☐ amb. ☐ > amb. ☐ < amb.	☐ amb. ☐ > amb. ☐ < amb. ☐ cryo.	☐ fire ☐ reactive ☐ pressure release ☐ acute health ☐ chronic health ☐ radioactive
		Cas No: ☐ EHS			☐		☐ pure ☐ mixture ☐ solid ☐ liquid ☐ gas	Curies:	Days on Site:	Storage Container	☐ gal. ☐ lbs. ☐ cu.ft. ☐ tons	☐ amb. ☐ > amb. ☐ < amb.	☐ amb. ☐ > amb. ☐ < amb. ☐ cryo.	☐ fire ☐ reactive ☐ pressure release ☐ acute health ☐ chronic health ☐ radioactive

* Code Storage Type: A Aboveground Tank; B Belowground Tank; C Tank Inside Building; D Steel Drum; E Plastic/Nonmetallic Drum; F Can; G Carboy; H Silo; I Fiber Drum; J Bag; K Box; L Cylinder; M Glass Bottle or Jug; N Plastic Bottle or Jug; O Tote Bin; P Tank Wagon; Q Rail Car; R Tank Wagon

If EPCRA, sign below:

Hazardous Waste Inventory Statement

For use by Unidocs Member Agencies or where approved by your Local Jurisdiction

Date: 09/30/2004

Business Name: WJ Communications (Same as Facility Name or DBA)

Type of Report on This Page: ☐ Add; ☐ Delete; ☒ Revise

Page 1 of 1 (One page per building or area)

Chemical Location: Area G - Wafer Test Room (Building/Storage Area)

EPCRA Confidential Location? ☐ Yes; ☒ No

Trade Secret Information? ☐ Yes; ☒ No

Facility ID # (Agency Use Only)

1. Haz. Class	2. Map and Grid or Location Code	3. Waste Stream Name	4. Hazardous Components: Chemical Name	% Wt.	EHS	CAS No.	5. Type and Physical State	6. Quantities: Max. Daily	Average Daily	Largest Cont.	7. Annual Waste Amount	8. Units	9. Storage Codes: Storage Pressure	Storage Temp.	10. Hazard Categorie
4	Room	Debris c/w Flammable Solvent(s)			☐		☒ waste	5	5	5	5,000	☐ gallons ☒ pounds ☐ cu. feet ☐ tons	☒ ambient ☐ > amb. ☐ < amb.	☒ ambient ☐ > amb. ☐ < amb. ☐ cryogenic	☒ fire ☐ reactive ☐ pressure rel ☐ acute heal ☐ chronic he. ☐ radioactive
			Isopropanol	1-5	☐	67-63-0									
		Management Method: ☒ Shipped Off-site ☐ Recycled On-site ☐ Treated On-site	Debris/solids	90	☐		☒ solid ☐ liquid ☐ gas	Curies: (If radioactive)	Days On Site: 365	Storage Container:* F	State Waste Code: 352				
					☐		☐ waste					☐ gallons ☐ pounds ☐ cu. feet ☐ tons	☐ ambient ☐ > amb. ☐ < amb.	☐ ambient ☐ > amb. ☐ < amb. ☐ cryogenic	☐ fire ☐ reactive ☐ pressure rel ☐ acute health ☐ chronic hea ☐ radioactive
		Management Method: ☐ Shipped Off-site ☐ Recycled On-site ☐ Treated On-site			☐		☐ solid ☐ liquid ☐ gas	Curies: (If radioactive)	Days On Site:	Storage Container:*	State Waste Code:				
					☐		☐ waste					☐ gallons ☐ pounds ☐ cu. feet ☐ tons	☐ ambient ☐ > amb. ☐ < amb.	☐ ambient ☐ > amb. ☐ < amb. ☐ cryogenic	☐ fire ☐ reactive ☐ pressure rel ☐ acute health ☐ chronic hea ☐ radioactive
		Management Method: ☐ Shipped Off-site ☐ Recycled On-site ☐ Treated On-site			☐		☐ solid ☐ liquid ☐ gas	Curies: (If radioactive)	Days On Site:	Storage Container:*	State Waste Code:				
					☐		☐ waste					☐ gallons ☐ pounds ☐ cu. feet ☐ tons	☐ ambient ☐ > amb. ☐ < amb.	☐ ambient ☐ > amb. ☐ < amb. ☐ cryogenic	☐ fire ☐ reactive ☐ pressure rel ☐ acute health ☐ chronic hea ☐ radioactive
		Management Method: ☐ Shipped Off-site ☐ Recycled On-site ☐ Treated On-site			☐		☐ solid ☐ liquid ☐ gas	Curies: (If radioactive)	Days On Site:	Storage Container:*	State Waste Code:				
					☐		☐ waste					☐ gallons ☐ pounds ☐ cu. feet ☐ tons	☐ ambient ☐ > amb. ☐ < amb.	☐ ambient ☐ > amb. ☐ < amb. ☐ cryogenic	☐ fire ☐ reactive ☐ pressure rel ☐ acute health ☐ chronic hea ☐ radioactive
		Management Method: ☐ Shipped Off-site ☐ Recycled On-site ☐ Treated On-site			☐		☐ solid ☐ liquid ☐ gas	Curies: (If radioactive)	Days On Site:	Storage Container:*	State Waste Code:				
					☐		☐ waste					☐ gallons ☐ pounds ☐ cu. feet ☐ tons	☐ ambient ☐ > amb ☐ < amb.	☐ ambient ☐ > amb. ☐ < amb. ☐ cryogenic	☐ fire ☐ reactive ☐ pressure rel ☐ acute health ☐ chronic hea ☐ radioactive
		Management Method: ☐ Shipped Off-site ☐ Recycled On-site ☐ Treated On-site			☐		☐ solid ☐ liquid ☐ gas	Curies: (If radioactive)	Days On Site:	Storage Container:*	State Waste Code:				

* Code: A Aboveground Tank; B Belowground Tank; C Tank Inside Building; D Steel Drum; E Plastic/Nonmetallic Drum; F Can; G Carboy; H Silo; I Fiber Drum; J Bag; K Box; L Cylinder; M Glass Bottle or Jug; N Plastic Bottle or Jug; O Tote Bin; P Tank Wagon; Q Rail Car; R Other

If EPCRA, sign below:

Hazardous Waste Inventory Statement

Date: 09/30/2004

For use by Unidocs Member Agencies or where approved by your Local Jurisdiction

Business Name: WJ Communications (Same as Facility Name or DBA)

Type of Report on This Page: ☐ Add; ☐ Delete; ☒ Revise

Page 1 of 1 (One page per building or area)

Chemical Location: Area F (GaAs Fabrication Area) (Building/Storage Area)

EPCRA Confidential Location? ☐ Yes; ☒ No

Trade Secret Information? ☐ Yes; ☒ No

Facility ID # (Agency Use Only)

1. Haz. Class	2. Map and Grid or Location Code	3. Waste Stream Name	4. Hazardous Components: Chemical Name	% Wt.	EHS	CAS No.	5. Type and Physical State	6. Quantities: Max. Daily	Average Daily	Largest Cont.	7. Annual Waste Amount	8. Units	9. Storage Codes: Storage Pressure	Storage Temp.	10. Hazard Categorie
4.1	Area F Chase	Debris c/w Flammable Solvents	Acetone	1	☐	67-64-1	☒ waste	75	25	10	5000	☐ gallons ☒ pounds ☐ cu. feet ☐ tons	☒ ambient ☐ > amb. ☐ < amb.	☒ ambient ☐ > amb. ☐ < amb ☐ cryogenic	☒ fire ☐ reactive ☐ pressure rel ☒ acute heal ☒ chronic he. ☐ radioactive
			Isopropanol	1	☐	67-63-0.									
		Management Method: ☒ Shipped Off-site ☐ Recycled On-site ☐ Treated On-site	oil(s)	1	☐		☒ solid ☐ liquid ☐ gas	Curies: (If radioactive)	Days On Site: 365	Storage Container:* D	State Waste Code: 352				
			Photoresists/EBR	1	☐										
			Debris/Solids	>90	☐										
8	Area F Chase	Debris c/w Acids	Phosphoric acid	1	☐		☒ waste	55	25	55	4000	☒ gallons ☐ pounds ☐ cu. feet ☐ tons	☒ ambient ☐ > amb. ☐ < amb.	☒ ambient ☐ > amb. ☐ < amb. ☐ cryogenic	☐ fire ☐ reactive ☐ pressure rel ☐ acute health ☒ chronic hea ☐ radioactive
			Hydrofluoric acid	1	☐										
		Management Method: ☒ Shipped Off-site ☐ Recycled On-site ☐ Treated On-site	Sulfuric acid	1	☐		☒ solid ☐ liquid ☐ gas	Curies: (If radioactive)	Days On Site: 365	Storage Container:* E	State Waste Code: 181				
			Hydrochloric acid	1	☐										
			Desbris/Solids	>90	☐										
9	Area F Chase	Debris c/w Arsenic	Gallium arsenide	10	☐		☒ waste	55	.25	55	2000	☒ gallons ☐ pounds ☐ cu. feet ☐ tons	☒ ambient ☐ > amb. ☐ < amb.	☒ ambient ☐ > amb. ☐ < amb. ☐ cryogenic	☐ fire ☐ reactive ☐ pressure rel ☒ acute health ☒ chronic hea ☐ radioactive
			Debris/solids	90	☐										
		Management Method: ☒ Shipped Off-site ☐ Recycled On-site ☐ Treated On-site			☐		☒ solid ☐ liquid ☐ gas	Curies: (If radioactive)	Days On Site: 365	Storage Container:* E	State Waste Code: 352				
					☐										
					☐										
4.1	Area F Chase(s)	Debris c/w Flammable Solvents - Local Cans	Acetone	1	☐	67-64-1	☒ waste	15	10	5	5000	☐ gallons ☒ pounds ☐ cu. feet ☐ tons	☒ ambient ☐ > amb. ☐ < amb.	☒ ambient ☐ > amb. ☐ < amb. ☐ cryogenic	☒ fire ☐ reactive ☐ pressure rel ☒ acute health ☒ chronic hea ☐ radioactive
			Isopropanol	1	☐	67-63-0									
		Management Method: ☒ Shipped Off-site ☐ Recycled On-site ☐ Treated On-site	oil(s)	1	☐		☒ solid ☐ liquid ☐ gas	Curies: (If radioactive)	Days On Site: 365	Storage Container:* F	State Waste Code: 352				
			Photoresist(s)/EBR	1	☐										
			Debris/Solids	>90	☐										
4.1	Area F Clean Aisle(s)	Debris c/w Flammable Solvents - Local Cans	Acetone	1	☐	67-64-1	☒ waste	15	10	5	5000	☐ gallons ☒ pounds ☐ cu. feet ☐ tons	☒ ambient ☐ > amb. ☐ < amb.	☒ ambient ☐ > amb. ☐ < amb. ☐ cryogenic	☒ fire ☐ reactive ☐ pressure rel ☒ acute health ☒ chronic hea ☐ radioactive
			Isopropanol	1	☐	67-63-0									
		Management Method: ☒ Shipped Off-site ☐ Recycled On-site ☐ Treated On-site	oil(s)	1	☐		☒ solid ☐ liquid ☐ gas	Curies: (If radioactive)	Days On Site: 365	Storage Container:* F	State Waste Code: 352				
			Photoresist(s)/EBR	>90	☐										
			Debris/Solids		☐										
					☐		☐ waste					☐ gallons ☐ pounds ☐ cu. feet ☐ tons	☐ ambient ☐ > amb. ☐ < amb.	☐ ambient ☐ > amb. ☐ < amb. ☐ cryogenic	☐ fire ☐ reactive ☐ pressure rel ☐ acute health ☐ chronic hea ☐ radioactive
					☐										
		Management Method: ☐ Shipped Off-site ☐ Recycled On-site ☐ Treated On-site			☐		☐ solid ☐ liquid ☐ gas	Curies: (If radioactive)	Days On Site:	Storage Container:*	State Waste Code:				
					☐										
					☐										

* Storage Type codes: A Aboveground Tank; B Belowground Tank; C Tank Inside Building; D Steel Drum; E Plastic/Nonmetallic Drum; F Can; G Carboy; H Silo; I Fiber Drum; J Bag; K Box; L Cylinder; M Glass Bottle or Jug; N Plastic Bottle or Jug; O Tote Bin; P Tank Wagon; Q Rail Car; R Other

If EPCRA, sign below: _____

Date: 10/11/2004

Non-Waste Hazardous Materials Inventory Statement

For use by Unidocs Member Agencies or where approved by your Local Jurisdiction

Business Name: WJ Communications, Inc. (Same as Facility Name or DBA)

Type of Report on This Page: ☒ Add; ☐ Delete; ☐ Revise

Page 1 of 1 (One page per building or area)

Chemical Location: AREA G - Wafer Inspection Room (Building/Storage Area)

EPCRA Confidential Location? ☐ Yes; ☒ No
Trade Secret Information? ☐ Yes; ☒ No

Facility ID # (Agency Use Only)

1. Haz. Class	2. Map and Grid or Location Code	3. Common Name	4. Hazardous Components (For mixtures only) Chemical Name	% Wt.	EHS	CAS No.	5. Type and Physical State	6. Quantities Max. Daily	Average Daily	Largest Cont.	7. Units	8. Storage Codes Storage Pressure	Storage Temp.	9. Hazard Categorie
FI IB	Room	Isopropyl Alcohol			☐		☒ pure ☐ mixture	1	0.5	0.125	☒ gallons ☐ pounds ☐ cu. feet ☒ tons	☒ ambient ☐ > amb. ☐ < amb.	☒ ambient ☐ > amb. ☐ < amb. ☐ cryogenic	☒ fire ☐ reactive ☐ pressure rel ☐ acute healt ☐ chronic he ☐ radioactive
		CAS No.: ☐ EHS 67-63-0			☐		☐ solid ☒ liquid ☐ gas	Curies: (If radioactive)	Days On Site: 365	Storage Container:* N				
	Room	Isopropyl Alcohol, 9% Solution	2-Propanol	9	☐	67-63-0	☒ pure ☐ mixture	1	0.5	0.125	☒ gallons ☐ pounds ☐ cu. feet ☐ tons	☒ ambient ☐ > amb. ☐ < amb.	☒ ambient ☐ > amb. ☐ < amb. ☐ cryogenic	☐ fire ☐ reactive ☐ pressure rel ☐ acute health ☐ chronic hea ☐ radioactive
			water	91	☐	7732-18-5								
		CAS No.: ☐ EHS 67-64-1			☐		☐ solid ☒ liquid ☐ gas	Curies: (If radioactive)	Days On Site: 365	Storage Container:* N				
					☐		☐ pure ☐ mixture				☐ gallons ☐ pounds ☐ cu. feet ☐ tons	☐ ambient ☐ > amb. ☐ < amb.	☐ ambient ☐ > amb. ☐ < amb. ☐ cryogenic	☐ fire ☐ reactive ☐ pressure rel ☐ acute health ☐ chronic hea ☐ radioactive
		CAS No.: ☐ EHS			☐		☐ solid ☐ liquid ☐ gas	Curies: (If radioactive)	Days On Site:	Storage Container:*				
					☐		☐ pure ☐ mixture				☐ gallons ☐ pounds ☐ cu. feet ☐ tons	☐ ambient ☐ > amb. ☐ < amb.	☐ ambient ☐ > amb. ☐ < amb. ☐ cryogenic	☐ fire ☐ reactive ☐ pressure rel ☐ acute health ☐ chronic hea ☐ radioactive
		CAS No.: ☐ EHS			☐		☐ solid ☐ liquid ☐ gas	Curies: (If radioactive)	Days On Site:	Storage Container:*				
					☐		☐ pure ☐ mixture				☐ gallons ☐ pounds ☐ cu. feet ☐ tons	☐ ambient ☐ > amb. ☐ < amb.	☐ ambient ☐ > amb. ☐ < amb. ☐ cryogenic	☐ fire ☐ reactive ☐ pressure rel ☐ acute health ☐ chronic hea ☐ radioactive
		CAS No.: ☐ EHS			☐		☐ solid ☐ liquid ☐ gas	Curies: (If radioactive)	Days On Site:	Storage Container:*				
					☐		☐ pure ☐ mixture				☐ gallons ☐ pounds ☐ cu. feet ☐ tons	☐ ambient ☐ > amb. ☐ < amb.	☐ ambient ☐ > amb. ☐ < amb. ☐ cryogenic	☐ fire ☐ reactive ☐ pressure rel ☐ acute health ☐ chronic hea ☐ radioactive
		CAS No.: ☐ EHS			☐		☐ solid ☐ liquid ☐ gas	Curies: (If radioactive)	Days On Site:	Storage Container:*				

* Code — Storage Type

Code	Storage Type	Code	Storage Type	Code	Storage Type	Code	Storage Type	Code	Storage Type	Code	Storage Type
A	Aboveground Tank	D	Steel Drum	G	Carboy	J	Bag	M	Glass Bottle or Jug	P	Tank Wagon
B	Belowground Tank	E	Plastic/Non-metallic Drum	H	Silo	K	Box	N	Plastic Bottle or Jug	Q	Rail Car
C	Tank Inside Building	F	Can	I	Fiber Drum	L	Cylinder	O	Tote Bin	R	Other

If EPCRA, sign below:

Date: 09/30/2004

Non-Waste Hazardous Materials Inventory Statement

For use by Unidocs Member Agencies or where approved by your Local Jurisdiction

33/33

Business Name: WJ Communications, Inc. (Same as Facility Name or DBA)

Type of Report on This Page: ☒ Add; ☐ Delete; ☐ Revise

Page 1 of 1 (One page per building or area)

Chemical Location: AREA F - Wet Bench 12 (Building/Storage Area)

EPCRA Confidential Location? ☐ Yes; ☒ No
Trade Secret Information? ☐ Yes; ☒ No

Facility ID # (Agency Use Only)

1. Haz. Class	2. Map and Grid or Location Code	3. Common Name	4. Hazardous Components (For mixtures only) Chemical Name	% Wt.	EHS	CAS No.	5. Type and Physical State	6. Quantities Max. Daily	Average Daily	Largest Cont.	7. Units	8. Storage Codes Storage Pressure	Storage Temp.	9. Hazard Categorie
CL	Wet Bench 12	Crystal Bond Coating			☐		☐ pure ☒ mixture	0.25	0.125	0.125	☒ gallons ☐ pounds ☐ cu. feet ☐ tons	☒ ambient ☐ > amb. ☐ < amb.	☒ ambient ☐ > amb. ☐ < amb ☐ cryogenic	☒ fire ☐ reactive ☐ pressure rel ☐ acute heal ☐ chronic he ☐ radioactive
		CAS No.: ☐ EHS					☐ solid ☒ liquid ☐ gas	Curies: (If radioactive)	Days On Site: 365	Storage Container:* M				
CL	Wet Bench 12	Generic Photoresists			☐		☐ pure ☒ mixture	0.25	0.125	1	☒ gallons ☐ pounds ☐ cu. feet ☐ tons	☒ ambient ☐ > amb. ☐ < amb.	☒ ambient ☐ > amb. ☐ < amb. ☐ cryogenic	☒ fire ☐ reactive ☐ pressure rel ☒ acute health ☒ chronic hea ☐ radioactive
		CAS No.: ☐ EHS					☐ solid ☒ liquid ☐ gas	Curies: (If radioactive)	Days On Site: 365	Storage Container:* M				
					☐		☐ pure ☐ mixture				☐ gallons ☐ pounds ☐ cu. feet ☐ tons	☐ ambient ☐ > amb. ☐ < amb.	☐ ambient ☐ > amb. ☐ < amb. ☐ cryogenic	☐ fire ☐ reactive ☐ pressure rel ☐ acute health ☐ chronic hea ☐ radioactive
		CAS No.: ☐ EHS					☐ solid ☐ liquid ☐ gas	Curies: (If radioactive)	Days On Site:	Storage Container:*				
					☐		☐ pure ☐ mixture				☐ gallons ☐ pounds ☐ cu. feet ☐ tons	☐ ambient ☐ > amb. ☐ < amb.	☐ ambient ☐ > amb. ☐ < amb. ☐ cryogenic	☐ fire ☐ reactive ☐ pressure rel ☐ acute health ☐ chronic hea ☐ radioactive
		CAS No.: ☐ EHS					☐ solid ☐ liquid ☐ gas	Curies: (If radioactive)	Days On Site:	Storage Container:*				
					☐		☐ pure ☐ mixture				☐ gallons ☐ pounds ☐ cu. feet ☐ tons	☐ ambient ☐ > amb. ☐ < amb.	☐ ambient ☐ > amb. ☐ < amb. ☐ cryogenic	☐ fire ☐ reactive ☐ pressure rel ☐ acute health ☐ chronic hea ☐ radioactive
		CAS No.: ☐ EHS					☐ solid ☐ liquid ☐ gas	Curies: (If radioactive)	Days On Site:	Storage Container:*				
					☐		☐ pure ☐ mixture				☐ gallons ☐ pounds ☐ cu. feet ☐ tons	☐ ambient ☐ > amb. ☐ < amb.	☐ ambient ☐ > amb. ☐ < amb. ☐ cryogenic	☐ fire ☐ reactive ☐ pressure rel ☐ acute health ☐ chronic hea ☐ radioactive
		CAS No.: ☐ EHS					☐ solid ☐ liquid ☐ gas	Curies: (If radioactive)	Days On Site:	Storage Container:*				

* Storage Container Codes

Code	Storage Type	Code	Storage Type	Code	Storage Type	Code	Storage Type	Code	Storage Type	Code	Storage Type
A	Aboveground Tank	D	Steel Drum	G	Carboy	J	Bag	M	Glass Bottle or Jug	P	Tank Wagon
B	Belowground Tank	E	Plastic/Non-metallic Drum	H	Silo	K	Box	N	Plastic Bottle or Jug	Q	Rail Car
C	Tank Inside Building	F	Can	I	Fiber Drum	L	Cylinder	O	Tote Bin	R	Other

If EPCRA, sign below:

Date: 09/30/2004

Non-Waste Hazardous Materials Inventory Statement

For use by Unidocs Member Agencies or where approved by your Local Jurisdiction

32/33

Business Name: WJ Communications, Inc.
(Same as Facility Name or DBA)

Type of Report on This Page: ☒ Add; ☐ Delete; ☐ Revise

Page 1 **of** 1 (One page per building or area)

Chemical Location: AREA F - Wet Bench 10
(Building/Storage Area)

EPCRA Confidential Location? ☐ Yes; ☒ No
Trade Secret Information? ☐ Yes; ☒ No

Facility ID # (Agency Use Only)

1. Haz. Class	2. Map and Grid or Location Code	3. Common Name	4. Hazardous Components (For mixtures only) Chemical Name	% Wt.	EHS	CAS No.	5. Type and Physical State	6. Quantities Max. Daily	Average Daily	Largest Cont.	7. Units	8. Storage Codes Storage Pressure	Storage Temp.	9. Hazard Categorie
COR	Wet Bench 10	10 - 20% Phosphoric acid solution	Phosphoric acid	20	☐	7664-38-2	☐ pure ☒ mixture	2	2	1	☒ gallons ☐ pounds ☐ cu. feet ☐ tons	☒ ambient ☐ > amb. ☐ < amb.	☒ ambient ☐ > amb. ☐ < amb. ☐ cryogenic	☐ fire ☒ reactive ☐ pressure re ☒ acute health ☒ chronic hea ☐ radioactive
			Water	bal.	☐	7732-18-5								
		CAS No.: ☐ EHS			☐		☐ solid ☒ liquid ☐ gas	Curies: (If radioactive)	Days On Site: 365	Storage Container:* C				
COR	Wet Bench 10	10 - 20% Hydrochloric acid solution	Hydrochloric acid	20	☐	7647-01-0	☐ pure ☒ mixture	2	2	1	☒ gallons ☐ pounds ☐ cu. feet ☐ tons	☒ ambient ☐ > amb. ☐ < amb.	☒ ambient ☐ > amb. ☐ < amb. ☐ cryogenic	☐ fire ☒ reactive ☐ pressure rel ☒ acute health ☒ chronic hea ☐ radioactive
			Water	bal.	☐	7732-18-5								
		CAS No.: ☐ EHS			☐		☐ solid ☒ liquid ☐ gas	Curies: (If radioactive)	Days On Site: 365	Storage Container:* C				
COR	Wet Bench 10	10 - 40% Ammonium hydroxide solution	Ammonium hydroxide	40	☐	1336-21-6	☐ pure ☒ mixture	4	2	2	☒ gallons ☐ pounds ☐ cu. feet ☐ tons	☒ ambient ☐ > amb. ☐ < amb.	☒ ambient ☐ > amb. ☐ < amb. ☐ cryogenic	☐ fire ☒ reactive ☐ pressure rel ☒ acute health ☒ chronic hea ☐ radioactive
			Water	bal.	☐	7732-18-5								
		CAS No.: ☐ EHS			☐		☐ solid ☒ liquid ☐ gas	Curies: (If radioactive)	Days On Site: 365	Storage Container:* C				
					☐		☐ pure ☐ mixture				☐ gallons ☐ pounds ☐ cu. feet ☐ tons	☐ ambient ☐ > amb. ☐ < amb.	☐ ambient ☐ > amb. ☐ < amb. ☐ cryogenic	☐ fire ☐ reactive ☐ pressure rel ☐ acute health ☐ chronic hea ☐ radioactiv
		CAS No.: ☐ EHS			☐		☐ solid ☐ liquid ☐ gas	Curies: (If radioactive)	Days On Site:	Storage Container:*				
					☐		☐ pure ☐ mixture				☐ gallons ☐ pounds ☐ cu. feet ☐ tons	☐ ambient ☐ > amb. ☐ < amb.	☐ ambient ☐ > amb. ☐ < amb. ☐ cryogenic	☐ fire ☐ reactive ☐ pressure rel ☐ acute health ☐ chronic hea ☐ radioactive
		CAS No.: ☐ EHS			☐		☐ solid ☐ liquid ☐ gas	Curies: (If radioactive)	Days On Site:	Storage Container:*				
					☐		☐ pure ☐ mixture				☐ gallons ☐ pounds ☐ cu. feet ☐ tons	☐ ambient ☐ > amb. ☐ < amb.	☐ ambient ☐ > amb. ☐ < amb. ☐ cryogenic	☐ fire ☐ reactive ☐ pressure rel ☐ acute health ☐ chronic hea ☐ radioactive
		CAS No.: ☐ EHS			☐		☐ solid ☐ liquid ☐ gas	Curies: (If radioactive)	Days On Site:	Storage Container:*				

* Storage Container Codes

Code	Storage Type	Code	Storage Type	Code	Storage Type	Code	Storage Type	Code	Storage Type	Code	Storage Type
A	Aboveground Tank	D	Steel Drum	G	Carboy	J	Bag	M	Glass Bottle or Jug	P	Tank Wagon
B	Belowground Tank	E	Plastic/Non-metallic Drum	H	Silo	K	Box	N	Plastic Bottle or Jug	Q	Rail Car
C	Tank Inside Building	F	Can	I	Fiber Drum	L	Cylinder	O	Tote Bin	R	Other

If EPCRA, sign below:

Date: 09/30/2004

Non-Waste Hazardous Materials Inventory Statement

For use by Unidocs Member Agencies or where approved by your Local Jurisdiction

31/33

Business Name: WJ Communications, Inc. (Same as Facility Name or DBA)

Type of Report on This Page: ☒ Add; ☐ Delete; ☐ Revise

Page 1 **of** 1 (One page per building or area)

Chemical Location: AREA F - Wet Bench 07 (Building/Storage Area)

EPCRA Confidential Location? ☐ Yes; ☒ No
Trade Secret Information? ☐ Yes; ☒ No

Facility ID # (Agency Use Only)

1. Haz. Class	2. Map and Grid or Location Code	3. Common Name	4. Hazardous Components (For mixtures only) Chemical Name	% Wt.	EHS	CAS No.	5. Type and Physical State	6. Quantities Max. Daily	Average Daily	Largest Cont.	7. Units	8. Storage Codes Storage Pressure	Storage Temp.	9. Hazard Categorie
COR	Wet Bench 07	10 - 50% Ammonium hydroxide solution	Ammonium hydroxide	50	☐	7336-21-6	☐ pure ☒ mixture	1	0.5	1	☒ gallons ☐ pounds ☐ cu. feet ☐ tons	☒ ambient ☐ > amb. ☐ < amb.	☒ ambient ☐ > amb. ☐ < amb. ☐ cryogenic	☐ fire ☒ reactive ☐ pressure re ☒ acute health ☒ chronic hea ☐ radioactive
			Water	bal.	☐	7732-18-5								
		CAS No.: ☐ EHS			☐		☐ solid ☒ liquid ☐ gas	Curies: (If radioactive)	Days On Site: 365	Storage Container:* C				
					☐		☐ pure ☐ mixture				☐ gallons ☐ pounds ☐ cu. feet ☐ tons	☐ ambient ☐ > amb. ☐ < amb.	☐ ambient ☐ > amb. ☐ < amb. ☐ cryogenic	☐ fire ☐ reactive ☐ pressure rel ☐ acute health ☐ chronic hea ☐ radioactive
		CAS No.: ☐ EHS			☐		☐ solid ☐ liquid ☐ gas	Curies: (If radioactive)	Days On Site:	Storage Container:*				
					☐		☐ pure ☐ mixture				☐ gallons ☐ pounds ☐ cu. feet ☐ tons	☐ ambient ☐ > amb. ☐ < amb.	☐ ambient ☐ > amb. ☐ < amb. ☐ cryogenic	☐ fire ☐ reactive ☐ pressure rel ☐ acute health ☐ chronic hea ☐ radioactive
		CAS No.: ☐ EHS			☐		☐ solid ☐ liquid ☐ gas	Curies: (If radioactive)	Days On Site:	Storage Container:*				
					☐		☐ pure ☐ mixture				☐ gallons ☐ pounds ☐ cu. feet ☐ tons	☐ ambient ☐ > amb. ☐ < amb.	☐ ambient ☐ > amb. ☐ < amb. ☐ cryogenic	☐ fire ☐ reactive ☐ pressure rel ☐ acute health ☐ chronic hea ☐ radioactiv
		CAS No.: ☐ EHS			☐		☐ solid ☐ liquid ☐ gas	Curies: (If radioactive)	Days On Site:	Storage Container:*				
					☐		☐ pure ☐ mixture				☐ gallons ☐ pounds ☐ cu. feet ☐ tons	☐ ambient ☐ > amb. ☐ < amb.	☐ ambient ☐ > amb. ☐ < amb. ☐ cryogenic	☐ fire ☐ reactive ☐ pressure rel ☐ acute health ☐ chronic hea ☐ radioactive
		CAS No.: ☐ EHS			☐		☐ solid ☐ liquid ☐ gas	Curies: (If radioactive)	Days On Site:	Storage Container:*				
					☐		☐ pure ☐ mixture				☐ gallons ☐ pounds ☐ cu. feet ☐ tons	☐ ambient ☐ > amb. ☐ < amb.	☐ ambient ☐ > amb. ☐ < amb. ☐ cryogenic	☐ fire ☐ reactive ☐ pressure rel ☐ acute health ☐ chronic hea ☐ radioactive
		CAS No.: ☐ EHS			☐		☐ solid ☐ liquid ☐ gas	Curies: (If radioactive)	Days On Site:	Storage Container:*				
					☐		☐ pure ☐ mixture				☐ gallons ☐ pounds ☐ cu. feet ☐ tons	☐ ambient ☐ > amb. ☐ < amb.	☐ ambient ☐ > amb. ☐ < amb. ☐ cryogenic	☐ fire ☐ reactive ☐ pressure rel ☐ acute health ☐ chronic hea ☐ radioactive
		CAS No.: ☐ EHS			☐		☐ solid ☐ liquid ☐ gas	Curies: (If radioactive)	Days On Site:	Storage Container:*				

* Storage Container Codes

Code	Storage Type	Code	Storage Type	Code	Storage Type	Code	Storage Type	Code	Storage Type	Code	Storage Type
A	Aboveground Tank	D	Steel Drum	G	Carboy	J	Bag	M	Glass Bottle or Jug	P	Tank Wagon
B	Belowground Tank	E	Plastic/Non-metallic Drum	H	Silo	K	Box	N	Plastic Bottle or Jug	Q	Rail Car
C	Tank Inside Building	F	Can	I	Fiber Drum	L	Cylinder	O	Tote Bin	R	Other

If EPCRA, sign below:

Date: 09/30/2004

Non-Waste Hazardous Materials Inventory Statement

For use by Unidocs Member Agencies or where approved by your Local Jurisdiction

30/33

Business Name: WJ Communications, Inc.
(Same as Facility Name or DBA)

Type of Report on This Page: ☒ Add; ☐ Delete; ☐ Revise

Page 1 **of** 1 (One page per building or area)

Chemical Location: AREA F - Wet Bench 06
(Building/Storage Area)

EPCRA Confidential Location? ☐ Yes; ☒ No
Trade Secret Information? ☐ Yes; ☒ No

Facility ID # (Agency Use Only)

1. Haz. Class	2. Map and Grid or Location Code	3. Common Name	4. Hazardous Components (For mixtures only) Chemical Name	% Wt.	EHS	CAS No.	5. Type and Physical State	6. Quantities Max. Daily	Average Daily	Largest Cont.	7. Units	8. Storage Codes Storage Pressure	Storage Temp.	9. Hazard Categorie
COR	Wet Bench 06	10 - 20% Phosphoric acid solution	Phosphoric acid	20	☐	7664-38-2	☐ pure ☒ mixture	2	2	1	☒ gallons ☐ pounds ☐ cu. feet ☐ tons	☒ ambient ☐ > amb. ☐ < amb.	☒ ambient ☐ > amb. ☐ < amb. ☐ cryogenic	☐ fire ☒ reactive ☐ pressure re ☒ acute health ☒ chronic hea ☐ radioactive
			Water	ba.l	☐	7732-18-5								
		CAS No.:			☐		☐ solid ☒ liquid ☐ gas	Curies: (If radioactive)	Days On Site: 365	Storage Container:* C				
					☐		☐ pure ☐ mixture				☐ gallons ☐ pounds ☐ cu. feet ☐ tons	☐ ambient ☐ > amb. ☐ < amb.	☐ ambient ☐ > amb. ☐ < amb. ☒ cryogenic	☐ fire ☐ reactive ☐ pressure rel ☐ acute health ☐ chronic hea ☐ radioactive
		CAS No.:			☐		☐ solid ☐ liquid ☐ gas	Curies: (If radioactive)	Days On Site:	Storage Container:*				
					☐		☐ pure ☐ mixture				☐ gallons ☐ pounds ☐ cu. feet ☐ tons	☐ ambient ☐ > amb. ☐ < amb.	☐ ambient ☐ > amb. ☐ < amb. ☐ cryogenic	☐ fire ☐ reactive ☐ pressure rel ☐ acute health ☐ chronic hea ☐ radioactive
		CAS No.:			☐		☐ solid ☐ liquid ☐ gas	Curies: (If radioactive)	Days On Site:	Storage Container:*				
					☐		☐ pure ☐ mixture				☐ gallons ☐ pounds ☐ cu. feet ☐ tons	☐ ambient ☐ > amb. ☐ < amb.	☐ ambient ☐ > amb. ☐ < amb. ☐ cryogenic	☐ fire ☐ reactive ☐ pressure rel ☐ acute health ☐ chronic hea ☐ radioactiv
		CAS No.:			☐		☐ solid ☐ liquid ☐ gas	Curies: (If radioactive)	Days On Site:	Storage Container:*				
					☐		☐ pure ☐ mixture				☐ gallons ☐ pounds ☐ cu. feet ☐ tons	☐ ambient ☐ > amb. ☐ < amb.	☐ ambient ☐ > amb. ☐ < amb. ☐ cryogenic	☐ fire ☐ reactive ☐ pressure rel ☐ acute health ☐ chronic hea ☐ radioactive
		CAS No.:			☐		☐ solid ☐ liquid ☐ gas	Curies: (If radioactive)	Days On Site:	Storage Container:*				
					☐		☐ pure ☐ mixture				☐ gallons ☐ pounds ☐ cu. feet ☐ tons	☐ ambient ☐ > amb. ☐ < amb.	☐ ambient ☐ > amb. ☐ < amb. ☐ cryogenic	☐ fire ☐ reactive ☐ pressure rel ☐ acute health ☐ chronic hea ☐ radioactive
		CAS No.:			☐		☐ solid ☐ liquid ☐ gas	Curies: (If radioactive)	Days On Site:	Storage Container:*				

* Code Storage Type

Code	Storage Type	Code	Storage Type	Code	Storage Type	Code	Storage Type	Code	Storage Type	Code	Storage Type
A	Aboveground Tank	D	Steel Drum	G	Carboy	J	Bag	M	Glass Bottle or Jug	P	Tank Wagon
B	Belowground Tank	E	Plastic/Non-metallic Drum	H	Silo	K	Box	N	Plastic Bottle or Jug	Q	Rail Car
C	Tank Inside Building	F	Can	I	Fiber Drum	L	Cylinder	O	Tote Bin	R	Other

If EPCRA, sign below:

Date: 09/30/2004

Non-Waste Hazardous Materials Inventory Statement

For use by Unidocs Member Agencies or where approved by your Local Jurisdiction

29/53

Business Name: WJ Communications, Inc.
(Same as Facility Name or DBA)

Type of Report on This Page: ☒ Add; ☐ Delete; ☐ Revise

Page 1 **of** 1 (One page per building or area)

Chemical Location: AREA F - Wet Bench 03
(Building/Storage Area)

EPCRA Confidential Location? ☐ Yes; ☒ No
Trade Secret Information? ☐ Yes; ☒ No

Facility ID # (Agency Use Only)

1. Haz. Class	2. Map and Grid or Location Code	3. Common Name	4. Hazardous Components (For mixtures only) Chemical Name	% Wt.	EHS	CAS No.	5. Type and Physical State	6. Quantities Max. Daily	Average Daily	Largest Cont.	7. Units	8. Storage Codes Storage Pressure	Storage Temp.	9. Hazard Categorie
COR	Wet Bench 03	Buffered Oxide Etch 930	Hydrofluoric acid	30	☐	7664-39-3	☐ pure ☒ mixture	1	1	1	☒ gallons ☐ pounds ☐ cu. feet ☐ tons	☒ ambient ☐ > amb. ☐ < amb.	☒ ambient ☐ > amb. ☐ < amb. ☐ cryogenic	☐ fire ☒ reactive ☐ pressure n ☒ acute health ☒ chronic hea ☐ radioactive
			Ammonium fluoride	10	☐	12125-01-8								
			Water	bal.	☐	7732-18-5	☐ solid ☒ liquid ☐ gas	Curies: (If radioactive)	Days On Site: 365	Storage Container:* C				
		CAS No.:			☐									
		EHS			☐									
COR	Wet Bench 03	10 - 50% Ammonium hydroxide solution	Ammonium hydroxide	50	☐	7336-21-6	☐ pure ☒ mixture	3	2	3	☒ gallons ☐ pounds ☐ cu. feet ☐ tons	☒ ambient ☐ > amb. ☐ < amb.	☒ ambient ☐ > amb. ☐ < amb. ☐ cryogenic	☐ fire ☒ reactive ☐ pressure rel ☒ acute health ☒ chronic hea ☐ radioactive
			Water	bal.	☐	7732-18-5								
		CAS No.:			☐		☐ solid ☒ liquid ☐ gas	Curies: (If radioactive)	Days On Site: 365	Storage Container:* C				
		EHS			☐									
					☐		☐ pure ☐ mixture				☐ gallons ☐ pounds ☐ cu. feet ☐ tons	☐ ambient ☐ > amb. ☐ < amb.	☐ ambient ☐ > amb. ☐ < amb ☐ cryogenic	☐ fire ☐ reactive ☐ pressure rel ☐ acute health ☐ chronic hea ☐ radioactive
		CAS No.:			☐		☐ solid ☐ liquid ☐ gas	Curies: (If radioactive)	Days On Site:	Storage Container:*				
		EHS			☐									
					☐		☐ pure ☐ mixture				☐ gallons ☐ pounds ☐ cu. feet ☐ tons	☐ ambient ☐ > amb. ☐ < amb.	☐ ambient ☐ > amb. ☐ < amb. ☐ cryogenic	☐ fire ☐ reactive ☐ pressure rel ☐ acute health ☐ chronic hea ☐ radioactiv
		CAS No.:			☐		☐ solid ☐ liquid ☐ gas	Curies: (If radioactive)	Days On Site:	Storage Container:*				
		EHS			☐									
					☐		☐ pure ☐ mixture				☐ gallons ☐ pounds ☐ cu. feet ☐ tons	☐ ambient ☐ > amb. ☐ < amb.	☐ ambient ☐ > amb. ☐ < amb. ☐ cryogenic	☐ fire ☐ reactive ☐ pressure rel ☐ acute health ☐ chronic hea ☐ radioactive
		CAS No.:			☐		☐ solid ☐ liquid ☐ gas	Curies: (If radioactive)	Days On Site:	Storage Container:*				
		EHS			☐									
					☐		☐ pure ☐ mixture				☐ gallons ☐ pounds ☐ cu. feet ☐ tons	☐ ambient ☐ > amb. ☐ < amb.	☐ ambient ☐ > amb. ☐ < amb. ☐ cryogenic	☐ fire ☐ reactive ☐ pressure rel ☐ acute health ☐ chronic hea ☐ radioactive
		CAS No.:			☐		☐ solid ☐ liquid ☐ gas	Curies: (If radioactive)	Days On Site:	Storage Container:*				
		EHS			☐									

* Code — Storage Type

Code	Storage Type	Code	Storage Type	Code	Storage Type	Code	Storage Type	Code	Storage Type	Code	Storage Type
A	Aboveground Tank	D	Steel Drum	G	Carboy	J	Bag	M	Glass Bottle or Jug	P	Tank Wagon
B	Belowground Tank	E	Plastic/Non-metallic Drum	H	Silo	K	Box	N	Plastic Bottle or Jug	Q	Rail Car
C	Tank Inside Building	F	Can	I	Fiber Drum	L	Cylinder	O	Tote Bin	R	Other

If EPCRA, sign below:

Non-Waste Hazardous Materials Inventory Statement

For Use By Unidocs Member Agencies or where approved by your Local Jurisdiction

Date: 9/30/2004

Business Name: (Same as Facility Name/DBA)	**WJ Communications**	**Type of Report on This Page:** ☐ Add; ☐ Delete; ☐ Revise;	**Page** 2 of 2 (One page per building area)
Chemical Location: (Building/Storage Area)	**Area L (lapping room)**	**EPCRA Confidential Location?** ☐ Yes ☒ No **Trade Secret Information?** ☐ Yes ☒ No	**Facility ID#** (Agency Use Only)

1. Haz. Class	2. Map/ Grid or LC	3. Common Name	4. Hazardous Components (For mixtures only) Chemical Name	% Wt.	EHS	CAS No.	5. Type and Physical State	6. Quantities Max. Daily	Average Daily	Lgst. Cont	7. Units	8. Storage Codes Pressure	Temp.	9. Hazard Categories
FL-IB IRR	AREA L	**Isopropyl Alcohol** Cas No: 67-63-0 ☐ EHS			☐		☒ pure ☐ mixture ☐ solid ☒ liquid ☐ gas	6 Curies:	4 Days on Site: 365	1 Storage Container N	☒ amb. ☐ lbs. ☐ cu.ft. ☐ tons	☒ amb. ☐ > amb. ☐ < amb.	☒ amb. ☐ > amb. ☐ < amb. ☐ cryo.	☒ fire ☐ reactive ☐ pressure release ☐ acute health ☐ chronic health ☐ radioactive
	AREA L	**Amber Lap S602** Cas No:			☐		☐ pure ☒ mixture ☐ solid ☒ liquid ☐ gas	0.5 Curies:	0.5 Days on Site: 365	0.25 Storage Container	☐ gal. ☒ lbs. ☐ cu.ft. ☐ tons	☒ amb. ☐ > amb. ☐ < amb.	☒ amb. ☐ > amb. ☐ < amb. ☐ cryo.	☐ fire ☐ reactive ☐ pressure release ☐ acute health ☐ chronic health ☐ radioactive
		Cas No: ☐ EHS			☐		☐ pure ☐ mixture ☐ solid ☐ liquid ☐ gas	Curies:	Days on Site:	Storage Container	☐ gal. ☐ lbs. ☐ cu.ft. ☐ tons	☐ amb. ☐ > amb. ☐ < amb.	☐ amb. ☐ > amb. ☐ < amb. ☐ cryo.	☐ fire ☐ reactive ☐ pressure release ☐ acute health ☐ chronic health ☐ radioactive
		Cas No: ☐ EHS			☐		☐ pure ☐ mixture ☐ solid ☐ liquid ☐ gas	Curies:	Days on Site:	Storage Container	☐ gal. ☐ lbs. ☐ cu.ft. ☐ tons	☐ amb. ☐ > amb. ☐ < amb.	☐ amb. ☐ > amb. ☐ < amb. ☐ cryo.	☐ fire ☐ reactive ☐ pressure release ☐ acute health ☐ chronic health ☐ radioactive
		Cas No: ☐ EHS			☐		☐ pure ☐ mixture ☐ solid ☐ liquid ☐ gas	Curies:	Days on Site:	Storage Container	☐ gal. ☐ lbs. ☐ cu.ft. ☐ tons	☐ amb. ☐ > amb. ☐ < amb.	☐ amb. ☐ > amb. ☐ < amb. ☐ cryo.	☐ fire ☐ reactive ☐ pressure release ☐ acute health ☐ chronic health ☐ radioactive
		Cas No: ☐ EHS			☐		☐ pure ☐ mixture ☐ solid ☐ liquid ☐ gas	Curies:	Days on Site:	Storage Container	☐ gal. ☐ lbs. ☐ cu.ft. ☐ tons	☐ amb. ☐ > amb. ☐ < amb.	☐ amb. ☐ > amb. ☐ < amb. ☐ cryo.	☐ fire ☐ reactive ☐ pressure release ☐ acute health ☐ chronic health ☐ radioactive

*

Code	Storage Type	Code	Storage Type	Code	Storage Type	Code	Storage Type	Code	Storage Type	Code	Storage Type
A	Aboveground Tank	D	Steel Drum	G	Carboy	J	Bag	M	Glass Bottle or Jug	P	Tank Wagon
B	Belowground Tank	E	Plastic/Nonmetallic Drum	H	Silo	K	Box	N	Plastic Bottle or Jug	Q	Rail Car
C	Tank Inside Building	F	Can	I	Fiber Drum	L	Cylinder	O	Tote Bin	R	Tank Wagon

If EPCRA, sign below: _____

Date: 12/04/2001

Hazardous Waste Inventory Statement

For use by Unidocs Member Agencies or where approved by your Local Jurisdiction

Business Name: WJ Communications (Same as Facility Name or DBA)

Type of Report on This Page: ☒ Add; ☐ Delete; ☐ Revise

Page 1 of 1 (One page per building or area)

Chemical Location: Area L (Lapping) (Building/Storage Area)

EPCRA Confidential Location? ☐ Yes; ☒ No

Trade Secret Information? ☐ Yes; ☒ No

Facility ID # (Agency Use Only)

1. Haz. Class	2. Map and Grid or Location Code	3. Waste Stream Name	4. Hazardous Components: Chemical Name	% Wt.	EHS	CAS No.	5. Type and Physical State	6. Quantities: Max. Daily	Average Daily	Largest Cont.	7. Annual Waste Amount	8. Units	9. Storage Codes: Storage Pressure	Storage Temp.	10. Hazard Categorie
4	Area L (Lapping)	Debris c/w Flammable Solvents	Acetone	1	☐	67-64-1	☒ waste	7.5	2.5	7.5		☒ gallons ☐ pounds ☐ cu. feet ☐ tons	☒ ambient ☐ > amb. ☐ < amb.	☒ ambient ☐ > amb. ☐ < amb. ☐ cryogenic	☒ fire ☐ reactive ☐ pressure rel ☐ acute heal ☒ chronic he. ☐ radioactive
			Isopropanol	1	☐	67-63-0.									
		Management Method: ☒ Shipped Off-site ☐ Recycled On-site ☐ Treated On-site	oil(s)	1	☐		☒ solid ☐ liquid ☐ gas	Curies: (If radioactive)	Days On Site: 365	Storage Container:* R	State Waste Code: 352				
			Debris/solids	90	☐										
					☐										
9	Area L (Lapping)	Debris c/w Arsenic	Gallium arsenide	10	☐		☒ waste	7.5	2.	7.5		☒ gallons ☐ pounds ☐ cu. feet ☐ tons	☒ ambient ☐ > amb. ☐ < amb.	☒ ambient ☐ > amb. ☐ < amb. ☐ cryogenic	☐ fire ☐ reactive ☐ pressure rel ☒ acute health ☐ chronic hea ☐ radioactive
			Debris/solids	90	☐										
		Management Method: ☒ Shipped Off-site ☐ Recycled On-site ☐ Treated On-site			☐		☒ solid ☐ liquid ☐ gas	Curies: (If radioactive)	Days On Site: 365	Storage Container:* R	State Waste Code: 352				
					☐										
					☐										
9	Area L (Lapping)	Arsenic Contaminated Lapping Sluury	Water	80	☐		☒ waste	55	25	55		☒ gallons ☐ pounds ☐ cu. feet ☐ tons	☒ ambient ☐ > amb. ☐ < amb.	☒ ambient ☐ > amb. ☐ < amb. ☐ cryogenic	☐ fire ☐ reactive ☐ pressure rel ☒ acute health ☐ chronic hea ☐ radioactive
			Aluminum oxide	2.5	☐										
		Management Method: ☒ Shipped Off-site ☐ Recycled On-site ☐ Treated On-site	Arsenic	>1	☐		☐ solid ☒ liquid ☐ gas	Curies: (If radioactive)	Days On Site: 365	Storage Container:* E	State Waste Code: 721				
					☐										
					☐										
	Area L (Lapping)	Lapping Slurry with Oil	Water	98	☐		☒ waste	55	25	55		☒ gallons ☐ pounds ☐ cu. feet ☐ tons	☒ ambient ☐ > amb. ☐ < amb.	☒ ambient ☐ > amb. ☐ < amb. ☐ cryogenic	☒ fire ☐ reactive ☐ pressure rel ☒ acute health ☐ chronic hea ☐ radioactive
			Aluminum oxide	2	☐										
		Management Method: ☒ Shipped Off-site ☐ Recycled On-site ☐ Treated On-site	Oil	15	☐		☐ solid ☒ liquid ☐ gas	Curies: (If radioactive)	Days On Site: 365	Storage Container:* E	State Waste Code: 133				
					☐										
					☐										
9	Area L (Lapping)	Lapping Slurry c/w Arsenic and Bleach	Water	99	☐		☒ waste	55	25	55		☒ gallons ☐ pounds ☐ cu. feet ☐ tons	☒ ambient ☐ > amb. ☐ < amb.	☒ ambient ☐ > amb. ☐ < amb. ☐ cryogenic	☐ fire ☐ reactive ☐ pressure rel ☒ acute health ☐ chronic hea ☐ radioactive
			Silica	20	☐										
		Management Method: ☒ Shipped Off-site ☐ Recycled On-site ☐ Treated On-site	Sodium hypochlorite	1	☐		☐ solid ☒ liquid ☐ gas	Curies: (If radioactive)	Days On Site: 365	Storage Container:* E	State Waste Code: 721				
			Gallium arsenide	>1	☐										
					☐										
					☐		☐ waste					☐ gallons ☐ pounds ☐ cu. feet ☐ tons	☐ ambient ☐ > amb. ☐ < amb.	☐ ambient ☐ > amb. ☐ < amb. ☐ cryogenic	☐ fire ☐ reactive ☐ pressure rel ☐ acute health ☐ chronic hea ☐ radioactive
					☐										
		Management Method: ☐ Shipped Off-site ☐ Recycled On-site ☐ Treated On-site			☐		☐ solid ☐ liquid ☐ gas	Curies: (If radioactive)	Days On Site:	Storage Container:*	State Waste Code:				
					☐										
					☐										

* Storage Type Codes

Code	Storage Type	Code	Storage Type	Code	Storage Type	Code	Storage Type	Code	Storage Type	Code	Storage Type
A	Aboveground Tank	D	Steel Drum	G	Carboy	J	Bag	M	Glass Bottle or Jug	P	Tank Wagon
B	Belowground Tank	E	Plastic/Nonmetallic Drum	H	Silo	K	Box	N	Plastic Bottle or Jug	Q	Rail Car
C	Tank Inside Building	F	Can	I	Fiber Drum	L	Cylinder	O	Tote Bin	R	Other

If EPCRA, sign below:

Non-Waste Hazardous Materials Inventory Statement

For Use By Unidocs Member Agencies or where approved by your Local Jurisdiction

Date: 10/13/2004

Business Name: (Same as Facility Name/DBA)	**WJ Communications**	**Type of Report on This Page:** ☐ Add; ☐ Delete; ☒ Revise;	**Page** 1 of 2 (One page per building area)	
Chemical Location: (Building/Storage Area)	**AREA M** (East Parking Lot Enclosure)	**EPCRA Confidential Location?** ☐ Yes ☒ No **Trade Secret Information?** ☐ Yes ☒ No	**Facility ID#** (Agency Use Only)	

1 Haz. Class	2. Map/ Grid or LC	3. Common Name	4. Hazardous Components (For mixtures only) Chemical Name	% Wt.	EHS	CAS No.	5. Type and Physical State	6. Quantities Max. Daily	Average Daily	Lgst. Cont	7. Units	8. Storage Codes Pressure	Temp.	9. Hazard Categories
FL FLG CRY	Area M Fixed Tank	**Hydrogen, Liquid** Cas No: ☐ EHS **1333-74-0**			☐		☒ pure ☐ mixture ☐ solid ☒ liquid ☐ gas	775 Curies:	380 Days on Site: 365	775 Storage Container R	☒ gal. ☐ lbs. ☐ cu.ft. ☐ tons	☐ amb ☒ > amb. ☐ < amb.	☐ amb. ☐ > amb. ☐ < amb. ☒ cryo.	☒ fire ☐ reactive ☒ pressure release ☐ acute health ☐ chronic health ☐ radioactive
NFG CRY	Area M Fixed Tank	**Nitrogen, Liquid** Cas No: ☐ EHS **7727-37-9**			☐		☒ pure ☐ mixture ☐ solid ☒ liquid ☐ gas	10,600 Curies:	5,300 Days on Site: 365	10,600 Storage Container R	☒ gal. ☐ lbs. ☐ cu.ft. ☐ tons	☐ amb. ☒ > amb. ☐ < amb.	☐ amb. ☐ > amb. ☐ < amb. ☒ cryo.	☐ fire ☐ reactive ☒ pressure release ☐ acute health ☐ chronic health ☐ radioactive
NFG	Area M Dewar Cyl.	**Nitrogen, Liquid** Cas No: ☐ EHS **7727-37-9**			☐		☒ pure ☐ mixture ☐ solid ☒ liquid ☐ gas	216 Curies:	108 Days on Site: 365	54 Storage Container R	☒ gal. ☐ lbs. ☐ cu.ft. ☐ tons	☐ amb. ☒ > amb. ☐ < amb.	☐ amb. ☐ > amb. ☐ < amb. ☒ cryo.	☐ fire ☐ reactive ☒ pressure release ☐ acute health ☐ chronic health ☐ radioactive
NFG	Area M	**Nitrogen** Cas No: ☐ EHS **7727-37-9**			☐		☒ pure ☐ mixture ☐ solid ☐ liquid ☒ gas	3,825 Curies:	2,550 Days on Site: 365	255 Storage Container L	☐ gal. ☐ lbs. ☒ cu.ft. ☐ tons	☐ amb. ☒ > amb. ☐ < amb.	☒ amb. ☐ > amb. ☐ < amb. ☐ cryo.	☐ fire ☐ reactive ☒ pressure release ☐ acute health ☐ chronic health ☐ radioactive
OXG	Area M	**Oxygen** Cas No: ☐ EHS **7782-44-7**			☐		☒ pure ☐ mixture ☐ solid ☐ liquid ☒ gas	3,735 Curies:	2,490 Days on Site: 365	249 Storage Container L	☐ gal. ☐ lbs. ☒ cu.ft. ☐ tons	☐ amb. ☒ > amb. ☐ < amb.	☒ amb. ☐ > amb. ☐ < amb. ☐ cryo.	☐ fire ☐ reactive ☒ pressure release ☐ acute health ☐ chronic health ☐ radioactive
		INTENTIONALLY LEFT BLANK Cas No: ☐ EHS			☐		☐ pure ☐ mixture ☐ solid ☐ liquid ☐ gas	Curies:	Days on Site:	Storage Container	☐ gal. ☐ lbs. ☐ cu.ft. ☐ tons	☐ amb. ☐ > amb. ☐ < amb.	☐ amb. ☐ > amb. ☐ < amb. ☐ cryo.	☐ fire ☐ reactive ☐ pressure release ☐ acute health ☐ chronic health ☐ radioactive

* Code Storage Type

Code	Storage Type	Code	Storage Type	Code	Storage Type	Code	Storage Type	Code	Storage Type	Code	Storage Type
A	Aboveground Tank	D	Steel Drum	G	Carboy	J	Bag	M	Glass Bottle or Jug	P	Tank Wagon
B	Belowground Tank	E	Plastic/Nonmetallic Drum	H	Silo	K	Box	N	Plastic Bottle or Jug	Q	Rail Car
C	Tank Inside Building	F	Can	I	Fiber Drum	L	Cylinder	O	Tote Bin	R	Other

If EPCRA, sign below: _____

Non-Waste Hazardous Materials Inventory Statement

For Use By Unidocs Member Agencies or where approved by your Local Jurisdiction

Date: 10/13/2004

Business Name: (Same as Facility Name/DBA)	**WJ Communications**	**Type of Report on This Page:** ☐ Add; ☐ Delete; ☒ Revise;	**Page** 2 of 1 (One page per building area)
Chemical Location: (Building/Storage Area)	**AREA M** (East Parking Lot Enclosure)	**EPCRA Confidential Location?** ☐ Yes ☒ No **Trade Secret Information?** ☐ Yes ☒ No	**Facility ID#** (Agency Use Only)

1 Haz. Class	2. Map/ Grid or I.C	3. Common Name	Chemical Name	4. Hazardous Components (For mixtures only) % Wt.	EHS	CAS No.	5. Type and Physical State	6. Quantities Max. Daily	Average Daily	Lgst. Cont	7. Units	8. Storage Codes Pressure	Temp.	9. Hazard Categories
NFG	Area M	**Argon** Cas No: ☐ EHS 7440-37-1			☐		☒ pure ☐ mixture ☐ solid ☐ liquid ☒ gas	1,120 Curies:	840 Days on Site: 365	280 Storage Container L	☐ gal. ☐ lbs. ☒ cu.ft. ☐ tons	☐ amb. ☒ > amb. ☐ < amb.	☒ amb. ☐ > amb. ☐ < amb. ☐ cryo.	☐ fire ☐ reactive ☒ pressure release ☐ acute health ☐ chronic health ☐ radioactive
NFG	Area M	**Helium** Cas No: ☐ EHS 7440-59-7			☐		☒ pure ☐ mixture ☐ solid ☐ liquid ☒ gas	1,746 Curies:	1,164 Days on Site: 365	291 Storage Container L	☐ gal. ☐ lbs. ☒ cu.ft. ☐ tons	☐ amb. ☒ > amb. ☐ < amb.	☒ amb. ☐ > amb. ☐ < amb. ☐ cryo.	☐ fire ☐ reactive ☒ pressure release ☐ acute health ☐ chronic health ☐ radioactive
NFG	Area M	**Sulfur Hexafluoride** Cas No: ☐ EHS 2551-62-4			☐		☒ pure ☐ mixture ☐ solid ☐ liquid ☒ gas	1,200 Curies:	900 Days on Site: 365	300 Storage Container N	☒ gal. ☐ lbs. ☐ cu.ft. ☐ tons	☐ amb. ☒ > amb. ☐ < amb.	☒ amb. ☐ > amb. ☐ < amb. ☐ cryo.	☐ fire ☐ reactive ☒ pressure release ☐ acute health ☐ chronic health ☐ radioactive
NFG	Area M	**Halocarbon 14 (99+%)** Cas No: ☐ EHS 75-73-0	Tetrafluoromethane	100	☐		☒ pure ☐ mixture ☐ solid ☒ liquid ☒ gas	75 Curies:	100 Days on Site: 365	25 Storage Container L	☐ gal. ☒ lbs. ☐ cu.ft. ☐ tons	☐ amb. ☒ > amb. ☐ < amb.	☒ amb. ☐ > amb. ☐ < amb. ☐ cryo.	☐ fire ☐ reactive ☒ pressure release ☐ acute health ☐ chronic health ☐ radioactive
NFG	Area M	**9% Oxygen / bal. Halocarbon 14** Cas No: ☐ EHS	Tetrafluoromethane Oxygen	10 90	☐	75-73-0 7482-44-7	☐ pure ☒ mixture ☐ solid ☐ liquid ☒ gas	1,200 Curies:	900 Days on Site: 365	300 Storage Container L	☐ gal. ☐ lbs. ☒ cu.ft. ☐ tons	☐ amb. ☒ > amb. ☐ < amb.	☒ amb. ☐ > amb. ☐ < amb. ☐ cryo.	☐ fire ☐ reactive ☒ pressure release ☐ acute health ☐ chronic health ☐ radioactive
NFG OXG	Area M	**20% Oxygen / bal. Halocarbon 14** Cas No: ☐ EHS	Tetrafluoromethane Oxygen	20 80	☐	75-73-0 7482-44-7	☐ pure ☒ mixture ☐ solid ☐ liquid ☒ gas	1,200 Curies:	900 Days on Site: 365	300 Storage Container L	☐ gal. ☐ lbs. ☒ cu.ft. ☐ tons	☐ amb. ☒ > amb. ☐ < amb.	☒ amb. ☐ > amb. ☐ < amb. ☐ cryo.	☐ fire ☐ reactive ☒ pressure release ☐ acute health ☐ chronic health ☐ radioactive

* Code Storage Type

Code	Storage Type	Code	Storage Type	Code	Storage Type	Code	Storage Type	Code	Storage Type	Code	Storage Type
A	Aboveground Tank	D	Steel Drum	G	Carboy	J	Bag	M	Glass Bottle or Jug	P	Tank Wagon
B	Belowground Tank	E	Plastic/Nonmetallic Drum	H	Silo	K	Box	N	Plastic Bottle or Jug	Q	Rail Car
C	Tank Inside Building	F	Can	I	Fiber Drum	L	Cylinder	O	Tote Bin	R	Other

If EPCRA, sign below: _____

Hazardous Waste Inventory Statement

Date: 10/13/2004

For use by Unidocs Member Agencies or where approved by your Local Jurisdiction

Business Name: WJ Communications, Inc. (Same as Facility Name or DBA)

Type of Report on This Page: ☐ Add; ☐ Delete; ☒ Revise

Page 1 of 1 (One page per building or area)

Chemical Location: Area M (Building/Storage Area)

EPCRA Confidential Location? ☐ Yes; ☒ No

Trade Secret Information? ☐ Yes; ☒ No

Facility ID # (Agency Use Only)

1. Haz. Class	2. Map and Grid or Location Code	3. Waste Stream Name	4. Hazardous Components: Chemical Name	% Wt.	EHS	CAS No.	5. Type and Physical State	6. Quantities: Max. Daily	Average Daily	Largest Cont.	7. Annual Waste Amount	8. Units	9. Storage Codes: Storage Pressure	Storage Temp.	10. Hazard Categorie
	East Parking Lot Enclosure	No Waste Materials are Stored in this AREA			☐		☐ waste					☐ gallons ☐ pounds ☐ cu. feet ☐ tons	☐ ambient ☐ > amb. ☐ < amb.	☐ ambient ☐ > amb. ☐ < amb. ☐ cryogenic	☐ fire ☐ reactive ☐ pressure rel ☐ acute healt ☐ chronic he ☐ radioactive
		Management Method: ☐ Shipped Off-site ☐ Recycled On-site ☐ Treated On-site			☐		☐ solid ☐ liquid ☐ gas	Curies: (If radioactive)	Days On Site:	Storage Container:*	State Waste Code:				
					☐		☐ waste					☐ gallons ☐ pounds ☐ cu. feet ☐ tons	☐ ambient ☐ > amb. ☐ < amb.	☐ ambient ☐ > amb. ☐ < amb. ☐ cryogenic	☐ fire ☐ reactive ☐ pressure rel ☐ acute health ☐ chronic hea ☐ radioactive
		Management Method: ☐ Shipped Off-site ☐ Recycled On-site ☐ Treated On-site			☐		☐ solid ☐ liquid ☐ gas	Curies: (If radioactive)	Days On Site:	Storage Container:*	State Waste Code:				
					☐		☐ waste					☐ gallons ☐ pounds ☐ cu. feet ☐ tons	☐ ambient ☐ > amb. ☐ < amb.	☐ ambient ☐ > amb. ☐ < amb. ☐ cryogenic	☐ fire ☐ reactive ☐ pressure rel ☐ acute health ☐ chronic hea ☐ radioactive
		Management Method: ☐ Shipped Off-site ☐ Recycled On-site ☐ Treated On-site			☐		☐ solid ☐ liquid ☐ gas	Curies: (If radioactive)	Days On Site:	Storage Container:*	State Waste Code:				
					☐		☐ waste					☐ gallons ☐ pounds ☐ cu. feet ☐ tons	☐ ambient ☐ > amb. ☐ < amb.	☐ ambient ☐ > amb. ☐ < amb. ☐ cryogenic	☐ fire ☐ reactive ☐ pressure rel ☐ acute health ☐ chronic hea ☐ radioactive
		Management Method: ☐ Shipped Off-site ☐ Recycled On-site ☐ Treated On-site			☐		☐ solid ☐ liquid ☐ gas	Curies: (If radioactive)	Days On Site:	Storage Container:*	State Waste Code:				
					☐		☐ waste					☐ gallons ☐ pounds ☐ cu. feet ☐ tons	☐ ambient ☐ > amb. ☐ < amb.	☐ ambient ☐ > amb. ☐ < amb. ☐ cryogenic	☐ fire ☐ reactive ☐ pressure rel ☐ acute health ☐ chronic hea ☐ radioactive
		Management Method: ☐ Shipped Off-site ☐ Recycled On-site ☐ Treated On-site			☐		☐ solid ☐ liquid ☐ gas	Curies: (If radioactive)	Days On Site:	Storage Container:*	State Waste Code:				
					☐		☐ waste					☐ gallons ☐ pounds ☐ cu. feet ☐ tons	☐ ambient ☐ > amb. ☐ < amb.	☐ ambient ☐ > amb. ☐ < amb. ☐ cryogenic	☐ fire ☐ reactive ☐ pressure rel ☐ acute health ☐ chronic hea ☐ radioactive
		Management Method: ☐ Shipped Off-site ☐ Recycled On-site ☐ Treated On-site			☐		☐ solid ☐ liquid ☐ gas	Curies: (If radioactive)	Days On Site:	Storage Container:*	State Waste Code:				

* Storage Container Codes

Code	Storage Type	Code	Storage Type	Code	Storage Type	Code	Storage Type	Code	Storage Type	Code	Storage Type
A	Aboveground Tank	D	Steel Drum	G	Carboy	J	Bag	M	Glass Bottle or Jug	P	Tank Wagon
B	Belowground Tank	E	Plastic/Nonmetallic Drum	H	Silo	K	Box	N	Plastic Bottle or Jug	Q	Rail Car
C	Tank Inside Building	F	Can	I	Fiber Drum	L	Cylinder	O	Tote Bin	R	Other

If EPCRA, sign below:

Non-Waste Hazardous Materials Inventory Statement

For Use By Unidocs Member Agencies or where approved by your Local Jurisdiction

Date: 10/13/2004

Business Name: (Same as Facility Name/DBA)	**WJ Communications**	**Type of Report on This Page:** [x] Add; [ ] Delete; [x] Revise;	**Page** 1 of 3 (One page per building area)
Chemical Location: (Building/Storage Area)	**AREA N** (Corrosives Bunker-ACID)	**EPCRA Confidential Location?** [ ] Yes [x] No **Trade Secret Information?** [ ] Yes [x] No	**Facility ID#** (Agency Use Only)

1 Haz. Class	2. Map/ Grid or LC	3. Common Name	4. Hazardous Components (For mixtures only) Chemical Name	% Wt.	EHS	CAS No.	5. Type and Physical State	6. Quantities Max. Daily	Average Daily	Lgst. Cont	7. Units	8. Storage Codes Pressure	Temp.	9. Hazard Categories
COR		**Citric Acid Monohydrate** Cas No: 5949-29-1 [ ] EHS					[x] pure [ ] mixture [x] solid [ ] liquid [ ] gas	10 Curies:	6 Days on Site: 365	1 Storage Container N	[ ] gal. [x] lbs. [ ] cu.ft. [ ] tons	[x] amb. [ ] > amb. [ ] < amb.	[x] amb. [ ] > amb. [ ] < amb. [ ] cryo.	[ ] fire [ ] reactive [ ] pressure release [ ] acute health [x] chronic health [ ] radioactive
COR		**Potassium Citrate monohydrate** Cas No: 6100-05-6 [ ] EHS					[x] pure [ ] mixture [x] solid [ ] liquid [ ] gas	20 Curies:	10 Days on Site: 365	1 Storage Container N	[ ] gal. [x] lbs. [ ] cu.ft. [ ] tons	[x] amb. [ ] > amb. [ ] < amb.	[x] amb. [ ] > amb. [ ] < amb. [ ] cryo.	[ ] fire [ ] reactive [ ] pressure release [ ] acute health [x] chronic health [ ] radioactive
COR		**Citric Acid** Cas No: 77-92-9 [ ] EHS					[x] pure [ ] mixture [x] solid [ ] liquid [ ] gas	10 Curies:	6 Days on Site: 365	1 Storage Container N	[ ] gal. [x] lbs. [ ] cu.ft. [ ] tons	[x] amb. [ ] > amb. [ ] < amb.	[x] amb. [ ] > amb. [ ] < amb. [ ] cryo.	[ ] fire [ ] reactive [ ] pressure release [ ] acute health [x] chronic health [ ] radioactive
		Intentionally Left BLANK Cas No: [ ] EHS					[ ] pure [ ] mixture [ ] solid [ ] liquid [ ] gas	Curies:	Days on Site:	Storage Container	[ ] gal. [ ] lbs. [ ] cu.ft. [ ] tons	[ ] amb. [ ] > amb. [ ] < amb.	[ ] amb. [ ] > amb. [ ] < amb. [ ] cryo.	[ ] fire [ ] reactive [ ] pressure release [ ] acute health [ ] chronic health [ ] radioactive
		Intentionally Left BLANK Cas No: [ ] EHS					[ ] pure [ ] mixture [ ] solid [ ] liquid [ ] gas	Curies:	Days on Site:	Storage Container	[ ] gal. [ ] lbs. [ ] cu.ft. [ ] tons	[ ] amb. [ ] > amb. [ ] < amb.	[ ] amb. [ ] > amb. [ ] < amb. [ ] cryo.	[ ] fire [ ] reactive [ ] pressure release [ ] acute health [ ] chronic health [ ] radioactive
		Intentionally Left BLANK Cas No: [ ] EHS					[ ] pure [ ] mixture [ ] solid [ ] liquid [ ] gas	Curies:	Days on Site:	Storage Container	[ ] gal. [ ] lbs. [ ] cu.ft. [ ] tons	[ ] amb. [ ] > amb. [ ] < amb.	[ ] amb. [ ] > amb. [ ] < amb. [ ] cryo.	[ ] fire [ ] reactive [ ] pressure release [ ] acute health [ ] chronic health [ ] radioactive

* Code Storage Type

Code	Storage Type	Code	Storage Type	Code	Storage Type	Code	Storage Type	Code	Storage Type	Code	Storage Type
A	Aboveground Tank	D	Steel Drum	G	Carboy	J	Bag	M	Glass Bottle or Jug	P	Tank Wagon
B	Belowground Tank	E	Plastic/Nonmetallic Drum	H	Silo	K	Box	N	Plastic Bottle or Jug	Q	Rail Car
C	Tank Inside Building	F	Can	I	Fiber Drum	L	Cylinder	O	Tote Bin	R	Tank Wagon

If EPCRA, sign below: _____

Non-Waste Hazardous Materials Inventory Statement

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Date: 10/13/2004

Business Name: (Same as Facility Name/DBA)	**WJ Communications**	**Type of Report on This Page:** ☐ Add; ☐ Delete; ☒ Revise;	**Page** 2 of 3 (One page per building area)
Chemical Location: (Building/Storage Area)	**AREA N** (Corrosives Bunker-ACID)	**EPCRA Confidential Location?** ☐ Yes ☒ No **Trade Secret Information?** ☐ Yes ☒ No	**Facility ID#** (Agency Use Only)

1 Haz. Class	2. Map/ Grid or LC	3. Common Name	4. Hazardous Components (For mixtures only) Chemical Name	% Wt.	EHS	CAS No.	5. Type and Physical State	6. Quantities Max. Daily	Average Daily	Lgst. Cont	7. Units	8. Storage Codes Pressure	Temp.	9. Hazard Categories
COR	ACID Cabinet (Large)	**Phosphoric Acid** Cas No: ☐ EHS	Phosphoric acid Water	85 15	☐ ☐	7664-38-2 7732-18-5	☐ pure ☒ mixture ☐ solid ☒ liquid ☐ gas	30 Curies:	20 Days on Site: 365	1 Storage Container M	☒ gal. ☐ lbs. ☐ cu.ft. ☐ tons	☒ amb. ☐ > amb. ☐ < amb.	☒ amb. ☐ > amb. ☐ < amb. ☐ cryo.	☐ fire ☒ reactive ☐ pressure release ☒ acute health ☐ chronic health ☐ radioactive
COR WR1	ACID Cabinet (Large)	**Sulfuric Acid** Cas No: ☐ EHS	Sulfuric acid Water	98+ <2	☐ ☐	7664-93-9 7732-18-5	☐ pure ☒ mixture ☐ solid ☒ liquid ☐ gas	16 Curies:	12 Days on Site: 365	1 Storage Container M	☒ gal. ☐ lbs. ☐ cu.ft. ☐ tons	☒ amb. ☐ > amb. ☐ < amb.	☒ amb. ☐ > amb. ☐ < amb. ☐ cryo.	☐ fire ☒ reactive ☐ pressure release ☒ acute health ☐ chronic health ☐ radioactive
COR	ACID Cabinet (Large)	**Sulfuric Acid 3:1** Cas No: ☐ EHS	Sulfuric acid Water	25 75	☐ ☐	7664-93-9 7732-18-5	☐ pure ☒ mixture ☐ solid ☒ liquid ☐ gas	30 Curies:	20 Days on Site: 365	1 Storage Container M	☒ gal. ☐ lbs. ☐ cu.ft. ☐ tons	☒ amb. ☐ > amb. ☐ < amb.	☒ amb. ☐ > amb. ☐ < amb. ☐ cryo.	☐ fire ☒ reactive ☐ pressure release ☒ acute health ☐ chronic health ☐ radioactive
COR WR1	ACID Cabinet (Large)	**Sulfuric Acid 75/25** Cas No: ☐ EHS	Sulfuric acid Water	75 25	☐ ☐	7664-93-9 7732-18-5	☐ pure ☒ mixture ☐ solid ☒ liquid ☐ gas	30 Curies:	20 Days on Site: 365	1 Storage Container M	☒ gal. ☐ lbs. ☐ cu.ft. ☐ tons	☒ amb. ☐ > amb. ☐ < amb.	☒ amb. ☐ > amb. ☐ < amb. ☐ cryo.	☐ fire ☒ reactive ☐ pressure release ☒ acute health ☐ chronic health ☐ radioactive
COR	ACID Cabinet (Large)	**Hydrochloric Acid** Cas No: ☐ EHS	Hydrochloric acid Water	70 30	☐ ☐	7647-01-0 7732-18-5	☐ pure ☒ mixture ☐ solid ☒ liquid ☐ gas	30 Curies:	20 Days on Site: 365	1 Storage Container M	☒ gal. ☐ lbs. ☐ cu.ft. ☐ tons	☒ amb. ☐ > amb. ☐ < amb.	☒ amb. ☐ > amb. ☐ < amb. ☐ cryo.	☐ fire ☒ reactive ☐ pressure release ☒ acute health ☐ chronic health ☐ radioactive
COR	ACID Cabinet (Large)	**Hydrofluoric Acid** Cas No: ☐ EHS	Hydrogen fluoride Water	49 51	☐ ☐	7664-39-3 7732-18-5	☐ pure ☒ mixture ☐ solid ☒ liquid ☐ gas	12 Curies:	8 Days on Site: 365	1 Storage Container N	☒ gal. ☐ lbs. ☐ cu.ft. ☐ tons	☒ amb. ☐ > amb. ☐ < amb.	☒ amb. ☐ > amb. ☐ < amb. ☐ cryo.	☐ fire ☒ reactive ☐ pressure release ☒ acute health ☐ chronic health ☐ radioactive

* Code Storage Type

Code	Storage Type	Code	Storage Type	Code	Storage Type	Code	Storage Type	Code	Storage Type	Code	Storage Type
A	Aboveground Tank	D	Steel Drum	G	Carboy	J	Bag	M	Glass Bottle or Jug	P	Tank Wagon
B	Belowground Tank	E	Plastic/Nonmetallic Drum	H	Silo	K	Box	N	Plastic Bottle or Jug	Q	Rail Car
C	Tank Inside Building	F	Can	I	Fiber Drum	L	Cylinder	O	Tote Bin	R	Tank Wagon

If EPCRA, sign below: _____

Non-Waste Hazardous Materials Inventory Statement

For Use By Unidocs Member Agencies or where approved by your Local Jurisdiction

Date: 10/13/2004

Business Name: (Same as Facility Name/DBA)	**WJ Communications**	**Type of Report on This Page:** ☐ Add; ☐ Delete; ☒ Revise;	**Page** 3 of 3 (One page per building area)
Chemical Location: (Building/Storage Area)	**AREA N** (Corrosives Bunker-ACID)	**EPCRA Confidential Location?** ☐ Yes ☒ No **Trade Secret Information?** ☐ Yes ☒ No	**Facility ID#** (Agency Use Only)

1 Haz. Class	2. Map/ Grid or LC	3. Common Name	4. Hazardous Components (For mixtures only) Chemical Name	% Wt.	EHS	CAS No.	5. Type and Physical State	6. Quantities Max. Daily	Average Daily	Lgst. Cont	7. Units	8. Storage Codes Pressure	Temp.	9. Hazard Categories
COR	AREA N	**HF 20:1** Cas No: ☐ EHS	Hydrogen fluoride Water	<10 >90	☐ ☐	7664-39-3 7732-18-5	☐ pure ☒ mixture ☐ solid ☒ liquid ☐ gas	60 Curies:	20 Days on Site: 365	1 Storage Container N	☒ gal. ☐ lbs. ☐ cu.ft. ☐ tons	☒ amb. ☐ > amb. ☐ < amb.	☒ amb. ☐ > amb. ☐ < amb. ☐ cryo.	☐ fire ☒ reactive ☐ pressure release ☒ acute health ☐ chronic health ☐ radioactive
COR	AREA N	**HF 100:1** Cas No: ☐ EHS	Hydrogen fluoride Water	<10 >90	☐ ☐	7664-39-3 7732-18-5	☐ pure ☒ mixture ☐ solid ☒ liquid ☐ gas	60 Curies:	20 Days on Site: 365	1 Storage Container N	☒ gal. ☐ lbs. ☐ cu.ft. ☐ tons	☒ amb. ☐ > amb. ☐ < amb.	☒ amb. ☐ > amb. ☐ < amb. ☐ cryo.	☐ fire ☒ reactive ☐ pressure release ☒ acute health ☐ chronic health ☐ radioactive
COR WR-1	AREA N	**Nano-Strip** Cas No: ☐ EHS	Sulfuric Acid Peroxymonosulfuric Acid Hydrogen Peroxide	90 5 <1	☐ ☐ ☐	7664-93-9 7722-86-3 7722-84-1	☐ pure ☒ mixture ☐ solid ☐ liquid ☐ gas	10 Curies:	5 Days on Site: 365	1 Storage Container M	☒ gal. ☐ lbs. ☐ cu.ft. ☐ tons	☒ amb. ☐ > amb. ☐ < amb.	☒ amb. ☐ > amb. ☐ < amb. ☐ cryo.	☐ fire ☒ reactive ☐ pressure release ☒ acute health ☐ chronic health ☐ radioactive
COR	AREA N	**BOE Etchants (various grades)** Cas No: ☐ EHS	Ammonium flouride HF Water	40 10 50	☐ ☐ ☐	12125-01-8 7664-39-3 7732-18-5	☐ pure ☒ mixture ☐ solid ☒ liquid ☐ gas	32 Curies:	20 Days on Site: 365	1 Storage Container N	☒ gal. ☐ lbs. ☐ cu.ft. ☐ tons	☒ amb. ☐ > amb. ☐ < amb.	☒ amb. ☐ > amb. ☐ < amb. ☐ cryo.	☐ fire ☒ reactive ☐ pressure release ☒ acute health ☐ chronic health ☐ radioactive
COR	AREA N	**K4P Addative** Cas No: ☐ EHS	Proprietary phosphate salts	100	☐	Not Given	☒ pure ☐ mixture ☒ solid ☐ liquid ☐ gas	12 Curies:	10 Days on Site: 365	1 Storage Container M	☐ gal. ☒ lbs. ☐ cu.ft. ☐ tons	☒ amb. ☐ > amb. ☐ < amb.	☒ amb. ☐ > amb. ☐ < amb. ☐ cryo.	☐ fire ☐ reactive ☐ pressure release ☐ acute health ☐ chronic health ☐ radioactive
		Cas No: ☐ EHS			☐		☐ pure ☐ mixture ☐ solid ☐ liquid ☐ gas	Curies:	Days on Site:	Storage Container	☐ gal. ☐ lbs. ☐ cu.ft. ☐ tons	☐ amb. ☐ > amb. ☐ < amb.	☐ amb. ☐ > amb. ☐ < amb. ☐ cryo.	☐ fire ☐ reactive ☐ pressure release ☐ acute health ☐ chronic health ☐ radioactive

* Code Storage Type

Code	Storage Type	Code	Storage Type	Code	Storage Type	Code	Storage Type	Code	Storage Type	Code	Storage Type
A	Aboveground Tank	D	Steel Drum	G	Carboy	J	Bag	M	Glass Bottle or Jug	P	Tank Wagon
B	Belowground Tank	E	Plastic/Nonmetallic Drum	H	Silo	K	Box	N	Plastic Bottle or Jug	Q	Rail Car
C	Tank Inside Building	F	Can	I	Fiber Drum	L	Cylinder	O	Tote Bin	R	Tank Wagon

If EPCRA, sign below: _____

Non-Waste Hazardous Materials Inventory Statement

For Use By Unidocs Member Agencies or where approved by your Local Jurisdiction

Date: 10/13/2004

Business Name: (Same as Facility Name/DBA)	**WJ Communications**	**Type of Report on This Page:** ☐ Add; ☐ Delete; ☒ Revise;	**Page** 1 of 3 (One page per building area)
Chemical Location: (Building/Storage Area)	**AREA O** (Corrosives Bunker-BASE)	**EPCRA Confidential Location?** ☐ Yes ☒ No **Trade Secret Information?** ☐ Yes ☒ No	**Facility ID#** (Agency Use Only)

1 Haz. Class	2. Map/ Grid or LC	3. Common Name	4. Hazardous Components (For mixtures only) Chemical Name	% Wt.	EHS	CAS No.	5. Type and Physical State	6. Quantities Max. Daily	Average Daily	Lgst. Cont	7. Units	8. Storage Codes Pressure	Temp.	9. Hazard Categories
COR	AREA O	**Sodium Hydroxide** Cas No: 1310-73-2 ☐EHS			☐		☒ pure ☐ mixture ☒ solid ☐ liquid ☐ gas	8 Curies:	4 Days on Site: 365	1 Storage Container N	☐ gal. ☒ lbs. ☐ cu.ft. ☐ tons	☒ amb. ☐ > amb. ☐ < amb.	☒ amb. ☐ > amb. ☐ < amb. ☐ cryo.	☐ fire ☐ reactive ☐ pressure release ☒ acute health ☐ chronic health ☐ radioactive
IRR	AREA O	**AZ(R) 400K Developer** Cas No: ☐EHS	Water Potassium borates	>85 <15	☐	7732-18-5 20786-60-1	☐ pure ☒ mixture ☐ solid ☒ liquid ☐ gas	120 Curies:	100 Days on Site: 365	1 Storage Container	☒ gal. ☐ lbs. ☐ cu.ft. ☐ tons	☒ amb. ☐ > amb. ☐ < amb.	☒ amb. ☐ > amb. ☐ < amb. ☐ cryo.	☐ fire ☐ reactive ☐ pressure release ☐ acute health ☐ chronic health ☐ radioactive
IRR	AREA O	**AZ(R) 400K Developer Diluted 1:3** Cas No: ☐EHS	Water Potassium borates	>95 <15	☐	7732-18-5 20786-60-1	☐ pure ☒ mixture ☐ solid ☒ liquid ☐ gas	120 Curies:	100 Days on Site: 365	1 Storage Container	☒ gal. ☐ lbs. ☐ cu.ft. ☐ tons	☒ amb. ☐ > amb. ☐ < amb.	☒ amb. ☐ > amb. ☐ < amb. ☐ cryo.	☐ fire ☐ reactive ☐ pressure release ☐ acute health ☐ chronic health ☐ radioactive
IRR	AREA O	**AZ(R) 400K Developer Diluted 1:4** Cas No: ☐EHS	Water Potassium borates	>95 <15	☐	7732-18-5 20786-60-1	☐ pure ☒ mixture ☐ solid ☒ liquid ☐ gas	150 Curies:	130 Days on Site: 365	1 Storage Container	☒ gal. ☐ lbs. ☐ cu.ft. ☐ tons	☒ amb. ☐ > amb. ☐ < amb.	☒ amb. ☐ > amb. ☐ < amb. ☐ cryo.	☐ fire ☐ reactive ☐ pressure release ☐ acute health ☐ chronic health ☐ radioactive
COR	AREA O	**NMD-W 2.38%** Cas No: ☐EHS	Tetramethyl ammonium hydroxide Water	2.5 >95	☐	75-59-2 7732-18-5	☐ pure ☒ mixture ☐ solid ☒ liquid ☐ gas	50 Curies:	35 Days on Site: 365	1 Storage Container	☒ gal. ☐ lbs. ☐ cu.ft. ☐ tons	☒ amb. ☐ > amb. ☐ < amb.	☒ amb. ☐ > amb. ☐ < amb. ☐ cryo.	☐ fire ☐ reactive ☐ pressure release ☒ acute health ☐ chronic health ☐ radioactive
COR	AREA O	**Resist Developer RD 6** Cas No: ☐EHS	Tetramethyl ammonium hydroxide Water Additive	2-3 97-98 <1	☐	75-59-2 7732-18-5 N/A	☐ pure ☒ mixture ☐ solid ☒ liquid ☐ gas	50 Curies:	40 Days on Site: 365	1 Storage Container	☒ gal. ☐ lbs. ☐ cu.ft. ☐ tons	☒ amb. ☐ > amb. ☐ < amb.	☒ amb. ☐ > amb. ☐ < amb. ☐ cryo.	☐ fire ☐ reactive ☐ pressure release ☒ acute health ☐ chronic health ☐ radioactive

* Storage Type codes: A Aboveground Tank; B Belowground Tank; C Tank Inside Building; D Steel Drum; E Plastic/Nonmetallic Drum; F Can; G Carboy; H Silo; I Fiber Drum; J Bag; K Box; L Cylinder; M Glass Bottle or Jug; N Plastic Bottle or Jug; O Tote Bin; P Tank Wagon; Q Rail Car; R Tank Wagon

If EPCRA, sign below: _____

Date: 10/13/2004

Business Name:	**Type of Report on This Page:**	**Page** 2 of 3

Non-Waste Hazardous Materials Inventory Statement

For Use By Unidocs Member Agencies or where approved by your Local Jurisdiction

(Same as Facility Name/DBA) **WJ Communications** ☐ Add; ☐ Delete; ☒ Revise; (One page per building area)

Chemical Location: (Building/Storage Area) **AREA O** (Corrosives Bunker-BASE)

EPCRA Confidential Location? ☐ Yes ☒ No

Trade Secret Information? ☐ Yes ☒ No

Facility ID# (Agency Use Only)

*																				
COR TOX	AREA O	**Ammonium Hydroxide (10-35%)** Cas No: ☐EHS	Ammonium hydroxide Water	21-72 28-79		1336-21-6 7732-18-5	☐ pure ☒ mixture ☐ solid ☒ liquid ☐ gas	80 Curies:	60 Days on Site: 365	1 Storage Container N	☒ gal. ☐ lbs. ☐ cu.ft. ☐ tons	☒ amb. ☐ > amb. ☐ < amb.	☒ amb. ☐ > amb. ☐ < amb. ☐ cryo.	☐ fire ☐ reactive ☐ pressure release ☒ acute health ☐ chronic health ☐ radioactive
COR TOX	AREA O	**Microposit MF-321** Cas No: ☐EHS	Tetramethyl ammonium hydroxide Water	2 98		75-59-2 7732-18-5	☐ pure ☒ mixture ☐ solid ☒ liquid ☐ gas	80 Curies:	40 Days on Site: 365	1 Storage Container N	☒ gal. ☐ lbs. ☐ cu.ft. ☐ tons	☒ amb. ☐ > amb. ☐ < amb.	☒ amb. ☐ > amb. ☐ < amb. ☐ cryo.	☐ fire ☐ reactive ☐ pressure release ☒ acute health ☐ chronic health ☐ radioactive
COR	AREA O	**BDT Brightner** Cas No: ☐EHS	Water Sodium arsenite	<100 <5		7732-18-5 7784-46-5	☐ pure ☒ mixture ☐ solid ☒ liquid ☐ gas	24 Curies:	16 Days on Site: 365	0.25 Storage Container N	☒ gal. ☐ lbs. ☐ cu.ft. ☐ tons	☒ amb. ☐ > amb. ☐ < amb.	☒ amb. ☐ > amb. ☐ < amb. ☐ cryo.	☐ fire ☐ reactive ☐ pressure release ☐ acute health ☒ chronic health ☐ radioactive
COR	AREA O	**BDT 510 Make-up** Cas No: ☐EHS	Water Sodium gold sulfite Additive (not specified)	<90 <10 <10		7732-18-5 19153-98-1 N/A	☐ pure ☒ mixture ☐ solid ☒ liquid ☐ gas	20 Curies:	10 Days on Site: 365	5 Storage Container G	☒ gal. ☐ lbs. ☐ cu.ft. ☐ tons	☒ amb. ☐ > amb. ☐ < amb.	☒ amb. ☐ > amb. ☐ < amb. ☐ cryo.	☐ fire ☒ reactive ☐ pressure release ☒ acute health ☒ chronic health ☐ radioactive
COR	AREA O	**Advantage 2000 Developer KB-1A** Cas No: ☐EHS	Potassium carbonate Water	10-30 90-70		584-08-7 7732-18-5	☐ pure ☒ mixture ☐ solid ☒ liquid ☐ gas	25 Curies:	15 Days on Site: 365	5 Storage Container G	☒ gal. ☐ lbs. ☐ cu.ft. ☐ tons	☒ amb. ☐ > amb. ☐ < amb.	☒ amb. ☐ > amb. ☐ < amb. ☐ cryo.	☐ fire ☐ reactive ☐ pressure release ☐ acute health ☒ chronic health ☐ radioactive
COR	AREA O	**BDT Conducting Salt** Cas No: ☐EHS	Sulfite compound	100		Not Given	☒ pure ☐ mixture ☒ solid ☐ liquid ☐ gas	12 Curies:	6 Days on Site: 365	1 Storage Container N	☐ gal. ☒ lbs. ☐ cu.ft. ☐ tons	☒ amb. ☐ > amb. ☐ < amb.	☒ amb. ☐ > amb. ☐ < amb. ☐ cryo.	☐ fire ☐ reactive ☐ pressure release ☒ acute health ☐ chronic health ☐ radioactive
COR	AREA O	**Insulstrip Jel** Cas No: ☐EHS	Dichloromethane Formic acid Phenol Toluene	73 12 1 3		75-09-2 64-18-6 108-95-2 108-88-3	☐ pure ☒ mixture ☐ solid ☒ liquid ☐ gas	8 Curies:	4 Days on Site: 365	0.25 Storage Container	☒ gal. ☐ lbs. ☐ cu.ft. ☐ tons	☒ amb. ☐ > amb. ☐ < amb.	☒ amb. ☐ > amb. ☐ < amb. ☐ cryo.	☐ fire ☒ reactive ☐ pressure release ☒ acute health ☐ chronic health ☐ radioactive

* Code Storage Type

Code	Storage Type	Code	Storage Type	Code	Storage Type	Code	Storage Type	Code	Storage Type	Code	Storage Type
A	Aboveground Tank	D	Steel Drum	G	Carboy	J	Bag	M	Glass Bottle or Jug	P	Tank Wagon
B	Belowground Tank	E	Plastic/Nonmetallic Drum	H	Silo	K	Box	N	Plastic Bottle or Jug	Q	Rail Car
C	Tank Inside Building	F	Can	I	Fiber Drum	L	Cylinder	O	Tote Bin	R	Tank Wagon

If EPCRA, sign below: _____

Non-Waste Hazardous Materials Inventory Statement

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Date: 10/13/2004

Business Name: (Same as Facility Name/DBA)	**WJ Communications**	**Type of Report on This Page:** ☐ Add; ☐ Delete; [x] Revise;	**Page** 3 **of** 3 (One page per building area)
Chemical Location: (Building/Storage Area)	**AREA O** (Corrosives Bunker-BASE)	**EPCRA Confidential Location?** ☐ Yes [x] No **Trade Secret Information?** ☐ Yes [x] No	**Facility ID#** (Agency Use Only)

IRR	AREA O	**Micropoist Developer CD-30** Cas No: ☐ EHS	Water Alkaline-phosphate Salt Silicate Compound	93-98 1-5 1-3	☐ ☐ ☐ ☐ ☐ ☐	7732-18-5 Not Given Not Given	☐ pure [x] mixture ☐ solid [x] liquid ☐ gas	200 Curies:	200 Days on Site: 365	1 Storage Container N	[x] gal. ☐ lbs. ☐ cu.ft. ☐ tons	[x] amb. ☐ > amb. ☐ < amb.	[x] amb. ☐ > amb. ☐ < amb. ☐ cryo.	☐ fire ☐ reactive ☐ pressure release ☐ acute health ☐ chronic health ☐ radioactive
COR	AREA O	**Advanced Developer DS2100** Cas No: ☐ EHS			☐ ☐ ☐ ☐ ☐ ☐		☐ pure [x] mixture ☐ solid ☐ liquid ☐ gas	10 Curies:	5 Days on Site: 365	1 Storage Container N	[x] gal ☐ lbs. ☐ cu.ft. ☐ tons	[x] amb. ☐ > amb. ☐ < amb.	[x] amb. ☐ > amb. ☐ < amb. ☐ cryo.	☐ fire ☐ reactive ☐ pressure release ☐ acute health ☐ chronic health ☐ radioactive
COR	AREA O	**BDT 510 Replenisher** Cas No: ☐ EHS	Sodium Aurosulfite Water		☐ ☐ ☐ ☐ ☐ ☐	19153-98-1 7732-18-5	☐ pure [x] mixture ☐ solid [x] liquid ☐ gas	2 Curies:	1 Days on Site: 365	0.25 Storage Container M	[x] gal. ☐ lbs. ☐ cu.ft. ☐ tons	[x] amb. ☐ > amb. ☐ < amb.	[x] amb. ☐ > amb. ☐ < amb. ☐ cryo.	☐ fire [x] reactive ☐ pressure release [x] acute health [x] chronic health ☐ radioactive
COR	AREA O	**Gold Etch B** Cas No: ☐ EHS			☐ ☐ ☐ ☐ ☐ ☐		☐ pure [x] mixture ☐ solid [x] liquid ☐ gas	16 Curies:	20 Days on Site: 365	1 Storage Container M	[x] gal. ☐ lbs. ☐ cu.ft. ☐ tons	[x] amb. ☐ > amb. ☐ < amb.	[x] amb. ☐ > amb. ☐ < amb. ☐ cryo.	☐ fire ☐ reactive ☐ pressure release ☐ acute health ☐ chronic health ☐ radioactive
COR	AREA O	**Chlorox Bleach** Cas No: ☐ EHS	Sodium hypochlorite Water	5 bal.	☐ ☐ ☐ ☐ ☐ ☐	7732-18-5	☐ pure [x] mixture ☐ solid [x] liquid ☐ gas	18 Curies:	12 Days on Site: 365	1 Storage Container N	[x] gal. ☐ lbs. ☐ cu.ft. ☐ tons	[x] amb. ☐ > amb. ☐ < amb.	[x] amb. ☐ > amb. ☐ < amb. ☐ cryo.	☐ fire ☐ reactive ☐ pressure release ☐ acute health ☐ chronic health ☐ radioactive
COR	AREA O	**Developer 9033** Cas No: ☐ EHS			☐ ☐ ☐ ☐ ☐ ☐		☐ pure [x] mixture ☐ solid [x] liquid ☐ gas	50 Curies:	25 Days on Site: 365	5 Storage Container N	[x] gal. ☐ lbs. ☐ cu.ft. ☐ tons	[x] amb. ☐ > amb. ☐ < amb.	[x] amb. ☐ > amb. ☐ < amb. ☐ cryo.	☐ fire ☐ reactive ☐ pressure release ☐ acute health ☐ chronic health ☐ radioactive
		Cas No: ☐ EHS			☐ ☐ ☐ ☐ ☐ ☐		☐ pure ☐ mixture ☐ solid ☐ liquid ☐ gas	Curies:	Days on Site:	Storage Container	☐ gal. ☐ lbs. ☐ cu.ft. ☐ tons	☐ amb. ☐ > amb. ☐ < amb.	☐ amb. ☐ > amb. ☐ < amb. ☐ cryo.	☐ fire ☐ reactive ☐ pressure release ☐ acute health ☐ chronic health ☐ radioactive

Code	Storage Type	Code	Storage Type	Code	Storage Type	Code	Storage Type	Code	Storage Type	Code	Storage Type
A	Aboveground Tank	D	Steel Drum	G	Carboy	J	Bag	M	Glass Bottle or Jug	P	Tank Wagon
B	Belowground Tank	E	Plastic/Nonmetallic Drum	H	Silo	K	Box	N	Plastic Bottle or Jug	Q	Rail Car
C	Tank Inside Building	F	Can	I	Fiber Drum	L	Cylinder	O	Tote Bin	R	Tank Wagon

If EPCRA, sign below:

____

Date: 09/30/2004

Non-Waste Hazardous Materials Inventory Statement

For use by Unidocs Member Agencies or where approved by your Local Jurisdiction

Business Name: Wj Communications, Inc.
(Same as Facility Name or DBA)

Type of Report on This Page: ☐ Add; ☐ Delete; ☒ Revise

Page 1 of 1
(One page per building or area)

Chemical Location: AREA P (Portable Bunker - OXY)
(Building/Storage Area)

EPCRA Confidential Location? ☐ Yes; ☒ No
Trade Secret Information? ☐ Yes; ☒ No

Facility ID # (Agency Use Only)

1. Haz. Class	2. Map and Grid or Location Code	3. Common Name	4. Hazardous Components (For mixtures only) Chemical Name	% Wt.	EHS	CAS No.	5. Type and Physical State	6. Quantities Max. Daily	Average Daily	Largest Cont.	7. Units	8. Storage Codes Storage Pressure	Storage Temp.	9. Hazard Categorie
OX-1	AREA P	Hydrogen peroxide, 30%	Hydrogen peroxide	30	☐	7722-84-1	☐ pure ☒ mixture	120	90	1	☒ gallons ☐ pounds ☐ cu. feet ☐ tons	☒ ambient ☐ > amb. ☐ < amb.	☒ ambient ☐ > amb. ☐ < amb. ☐ cryogenic	☐ fire ☒ reactive ☐ pressure rel ☒ acute healt ☐ chronic he. ☐ radioactive
			Water	70	☐	7732-18-5	☐ solid ☒ liquid ☐ gas	Curies: (If radioactive)	Days On Site: 365	Storage Container:* N				
		CAS No.:	☐ EHS											
					☐		☐ pure ☐ mixture				☐ gallons ☐ pounds ☐ cu. feet ☐ tons	☐ ambient ☐ > amb. ☐ < amb.	☐ ambient ☐ > amb. ☐ < amb. ☐ cryogenic	☐ fire ☐ reactive ☐ pressure rel ☐ acute health ☐ chronic hea ☐ radioactive
		CAS No.:	☐ EHS				☐ solid ☐ liquid ☐ gas	Curies: (If radioactive)	Days On Site:	Storage Container:*				
					☐		☐ pure ☐ mixture				☐ gallons ☐ pounds ☐ cu. feet ☐ tons	☐ ambient ☐ > amb. ☐ < amb.	☐ ambient ☐ > amb. ☐ < amb. ☐ cryogenic	☐ fire ☐ reactive ☐ pressure rel ☐ acute health ☐ chronic hea ☐ radioactive
		CAS No.:	☐ EHS				☐ solid ☐ liquid ☐ gas	Curies: (If radioactive)	Days On Site:	Storage Container:*				
					☐		☐ pure ☐ mixture				☐ gallons ☐ pounds ☐ cu. feet ☐ tons	☐ ambient ☐ > amb. ☐ < amb.	☐ ambient ☐ > amb. ☐ < amb. ☐ cryogenic	☐ fire ☐ reactive ☐ pressure rel ☐ acute health ☐ chronic hea ☐ radioactive
		CAS No.:	☐ EHS				☐ solid ☐ liquid ☐ gas	Curies: (If radioactive)	Days On Site:	Storage Container:*				
					☐		☐ pure ☐ mixture				☐ gallons ☐ pounds ☐ cu. feet ☐ tons	☐ ambient ☐ > amb. ☐ < amb.	☐ ambient ☐ > amb. ☐ < amb. ☐ cryogenic	☐ fire ☐ reactive ☐ pressure rel ☐ acute health ☐ chronic hea ☐ radioactive
		CAS No.:	☐ EHS				☐ solid ☐ liquid ☐ gas	Curies: (If radioactive)	Days On Site:	Storage Container:*				
					☐		☐ pure ☐ mixture				☐ gallons ☐ pounds ☐ cu. feet ☐ tons	☐ ambient ☐ > amb. ☐ < amb.	☐ ambient ☐ > amb. ☐ < amb. ☐ cryogenic	☐ fire ☐ reactive ☐ pressure rel ☐ acute health ☐ chronic hea ☐ radioactive
		CAS No.:	☐ EHS				☐ solid ☐ liquid ☐ gas	Curies: (If radioactive)	Days On Site:	Storage Container:*				

* Storage Type Codes

Code	Storage Type	Code	Storage Type	Code	Storage Type	Code	Storage Type	Code	Storage Type	Code	Storage Type
A	Aboveground Tank	D	Steel Drum	G	Carboy	J	Bag	M	Glass Bottle or Jug	P	Tank Wagon
B	Belowground Tank	E	Plastic/Non-metallic Drum	H	Silo	K	Box	N	Plastic Bottle or Jug	Q	Rail Car
C	Tank Inside Building	F	Can	I	Fiber Drum	L	Cylinder	O	Tote Bin	R	Other

If EPCRA, sign below:

Non-Waste Hazardous Materials Inventory Statement

For Use By Unidocs Member Agencies or where approved by your Local Jurisdiction

Date: 5/2/2002

Business Name: (Same as Facility Name/DBA)	**WJ Communications**	**Type of Report on This Page:** [x] Add; [ ] Delete; [ ] Revise;	**Page** 1 of 1 (One page per building area)
Chemical Location: (Building/Storage Area)	**AREA Q** (North Equipment Pad)	**EPCRA Confidential Location?** [ ] Yes [x] No **Trade Secret Information?** [ ] Yes [x] No	**Facility ID#** (Agency Use Only)

1 Haz. Class	2. Map/ Grid or LC	3. Common Name	Chemical Name	4. Hazardous Components (For mixtures only) % Wt.	EHS	CAS No.	5. Type and Physical State	6. Quantities Max. Daily	Average Daily	Lgst. Cont	7. Units	8. Storage Codes Pressure	Temp.	9. Hazard Categories
COR	Land-Sea Container	**Sodium Chloride** Cas No: 7647-14-5			[ ]		[x] pure [ ] mixture [x] solid [ ] liquid [ ] gas	3500 Curies:	2000 Days on Site: 365	50 Storage Container J	[ ] gal. [x] lbs. [ ] cu.ft. [ ] tons	[x] amb. [ ] > amb. [ ] < amb.	[x] amb. [ ] > amb. [ ] < amb. [ ] cryo.	[ ] fire [ ] reactive [ ] pressure release [ ] acute health [ ] chronic health [ ] radioactive
COR	D.I. Water System	**Sodium Chloride** Cas No: 7647-14-5			[ ]		[x] pure [ ] mixture [x] solid [ ] liquid [ ] gas	1500 Curies:	800 Days on Site: 365	1500 Storage Container A	[ ] gal. [x] lbs [ ] cu.ft. [ ] tons	[x] amb. [ ] > amb. [ ] < amb.	[x] amb. [ ] > amb. [ ] < amb. [ ] cryo.	[ ] fire [ ] reactive [ ] pressure release [ ] acute health [ ] chronic health [ ] radioactive
		Intentionally Left BLANK Cas No: [ ] EHS			[ ]		[ ] pure [ ] mixture [ ] solid [ ] liquid [ ] gas	Curies:	Days on Site:	Storage Container	[ ] amb. [ ] lbs. [ ] cu.ft. [ ] tons	[ ] amb. [ ] > amb. [ ] < amb.	[ ] amb. [ ] > amb. [ ] < amb. [ ] cryo.	[ ] fire [ ] reactive [ ] pressure release [ ] acute health [ ] chronic health [ ] radioactive
		Intentionally Left BLANK Cas No: [ ] EHS			[ ]		[ ] pure [ ] mixture [ ] solid [ ] liquid [ ] gas	Curies:	Days on Site:	Storage Container	[ ] amb. [ ] lbs. [ ] cu.ft. [ ] tons	[ ] amb. [ ] > amb. [ ] < amb.	[ ] amb. [ ] > amb. [ ] < amb. [ ] cryo.	[ ] fire [ ] reactive [ ] pressure release [ ] acute health [ ] chronic health [ ] radioactive
		Intentionally Left BLANK Cas No: [ ] EHS			[ ]		[ ] pure [ ] mixture [ ] solid [ ] liquid [ ] gas	Curies:	Days on Site:	Storage Container	[ ] amb. [ ] lbs. [ ] cu.ft. [ ] tons	[ ] amb. [ ] > amb. [ ] < amb.	[ ] amb. [ ] > amb. [ ] < amb. [ ] cryo.	[ ] fire [ ] reactive [ ] pressure release [ ] acute health [ ] chronic health [ ] radioactive
		Intentionally Left BLANK Cas No: [ ] EHS			[ ]		[ ] pure [ ] mixture [ ] solid [ ] liquid [ ] gas	Curies:	Days on Site:	Storage Container	[ ] amb. [ ] lbs. [ ] cu.ft. [ ] tons	[ ] amb. [ ] > amb. [ ] < amb.	[ ] amb. [ ] > amb. [ ] < amb. [ ] cryo.	[ ] fire [ ] reactive [ ] pressure release [ ] acute health [ ] chronic health [ ] radioactive

* Code Storage Type

Code	Storage Type	Code	Storage Type	Code	Storage Type	Code	Storage Type	Code	Storage Type	Code	Storage Type
A	Aboveground Tank	D	Steel Drum	G	Carboy	J	Bag	M	Glass Bottle or Jug	P	Tank Wagon
B	Belowground Tank	E	Plastic/Nonmetallic Drum	H	Silo	K	Box	N	Plastic Bottle or Jug	Q	Rail Car
C	Tank Inside Building	F	Can	I	Fiber Drum	L	Cylinder	O	Tote Bin	R	Tank Wagon

If EPCRA, sign below: _____

Date: 10/13/2004

Non-Waste Hazardous Materials Inventory Statement

For use by Unidocs Member Agencies or where approved by your Local Jurisdiction

Business Name: WJ Communications, Inc.
(Same as Facility Name or DBA)

Type of Report on This Page: ☒ Add; ☐ Delete; ☐ Revise

Page 1 of 1
(One page per building or area)

Chemical Location: AREA R - Shipping / Receiving
(Building/Storage Area)

EPCRA Confidential Location? ☐ Yes; ☒ No
Trade Secret Information? ☐ Yes; ☒ No

Facility ID # (Agency Use Only)

1. Haz. Class	2. Map and Grid or Location Code	3. Common Name	4. Hazardous Components (For mixtures only) Chemical Name	% Wt.	EHS	CAS No.	5. Type and Physical State	6. Quantities Max. Daily	Average Daily	Largest Cont.	7. Units	8. Storage Codes Storage Pressure	Storage Temp.	9. Hazard Categorie
FL-IB	Refrig.	Photoresist(s) --- GENERIC ---	Solvents	<90	☐	various	☐ pure ☒ mixture	24	18	1	☒ gallons ☐ pounds ☐ cu. feet ☐ tons	☒ ambient ☐ > amb. ☐ < amb.	☐ ambient ☐ > amb. ☒ < amb. ☐ cryogenic	☒ fire ☐ reactive ☐ pressure rel ☒ acute hea ☒ chronic l ☐ radioactive
			Resins	<5	☐	various								
		CAS No.: 108-88-3 ☐ EHS			☐		☒ liquid ☐ gas	Curies: (If radioactive)	Days On Site: 365	Storage Container:* M, N				
					☐		☐ pure ☐ mixture				☐ gallons ☐ pounds ☐ cu. feet ☐ tons	☐ ambient ☐ > amb. ☐ < amb.	☐ ambient ☐ > amb. ☐ < amb. ☐ cryogenic	☐ fire ☐ reactive ☐ pressure rel ☐ acute health ☐ chronic hea ☐ radioactive
		CAS No.: ☐ EHS			☐		☐ solid ☐ liquid ☐ gas	Curies: (If radioactive)	Days On Site:	Storage Container:*				
					☐		☐ pure ☐ mixture				☐ gallons ☐ pounds ☐ cu. feet ☐ tons	☐ ambient ☐ > amb. ☐ < amb	☐ ambient ☐ > amb. ☐ < amb. ☐ cryogenic	☐ fire ☐ reactive ☐ pressure rel ☐ acute health ☐ chronic hea ☐ radioactive
		CAS No.: ☐ EHS			☐		☐ solid ☐ liquid ☐ gas	Curies: (If radioactive)	Days On Site:	Storage Container:*				
					☐		☐ pure ☐ mixture				☐ gallons ☐ pounds ☐ cu. feet ☐ tons	☐ ambient ☐ > amb. ☐ < amb.	☐ ambient ☐ > amb. ☐ < amb. ☐ cryogenic	☐ fire ☐ reactive ☐ pressure rel ☐ acute health ☐ chronic hea ☐ radioactive
		CAS No.: ☐ EHS			☐		☐ solid ☐ liquid ☐ gas	Curies: (If radioactive)	Days On Site:	Storage Container:*				
					☐		☐ pure ☐ mixture				☐ gallons ☐ pounds ☐ cu. feet ☐ tons	☐ ambient ☐ > amb. ☐ < amb.	☐ ambient ☐ > amb. ☐ < amb. ☐ cryogenic	☐ fire ☐ reactive ☐ pressure rel ☐ acute health ☐ chronic hea ☐ radioactive
		CAS No.: ☐ EHS			☐		☐ solid ☐ liquid ☐ gas	Curies: (If radioactive)	Days On Site:	Storage Container:*				
					☐		☐ pure ☐ mixture				☐ gallons ☐ pounds ☐ cu. feet ☐ tons	☐ ambient ☐ > amb. ☐ < amb.	☐ ambient ☐ > amb. ☐ < amb. ☐ cryogenic	☐ fire ☐ reactive ☐ pressure rel ☐ acute health ☐ chronic hea ☐ radioactive
		CAS No.: ☐ EHS			☐		☐ solid ☐ liquid ☐ gas	Curies: (If radioactive)	Days On Site:	Storage Container:*				

* Storage Container Codes

Code	Storage Type	Code	Storage Type	Code	Storage Type	Code	Storage Type	Code	Storage Type	Code	Storage Type
A	Aboveground Tank	D	Steel Drum	G	Carboy	J	Bag	M	Glass Bottle or Jug	P	Tank Wagon
B	Belowground Tank	E	Plastic/Non-metallic Drum	H	Silo	K	Box	N	Plastic Bottle or Jug	Q	Rail Car
C	Tank Inside Building	F	Can	I	Fiber Drum	L	Cylinder	O	Tote Bin	R	Other

If EPCRA, sign below:

Date: 10/13/2004

Hazardous Waste Inventory Statement

For use by Unidocs Member Agencies or where approved by your Local Jurisdiction

Business Name: WJ Communications, Inc.
(Same as Facility Name or DBA)

Type of Report on This Page: ☐ Add; ☐ Delete; ☒ Revise

Page 1 of 1
(One page per building or area)

Chemical Location: Area R - Shipping / Receiving
(Building/Storage Area)

EPCRA Confidential Location? ☐ Yes; ☒ No
Trade Secret Information? ☐ Yes; ☒ No

Facility ID # (Agency Use Only)

1. Haz. Class	2. Map and Grid or Location Code	3. Waste Stream Name	4. Hazardous Components: Chemical Name	% Wt.	EHS	CAS No.	5. Type and Physical State	6. Quantities: Max. Daily	Average Daily	Largest Cont.	7. Annual Waste Amount	8. Units	9. Storage Codes: Storage Pressure	Storage Temp.	10. Hazard Categorie
	Room	No Waste Materials are Stored in this AREA			☐		☐ waste					☐ gallons ☐ pounds ☐ cu. feet ☐ tons	☐ ambient ☐ > amb. ☐ < amb.	☐ ambient ☐ > amb. ☐ < amb. ☐ cryogenic	☐ fire ☐ reactive ☐ pressure rel ☐ acute heal ☐ chronic l ☐ radioactive
		Management Method: ☐ Shipped Off-site ☐ Recycled On-site ☐ Treated On-site			☐		☐ solid ☐ liquid ☐ gas	Curies: (If radioactive)	Days On Site:	Storage Container:*	State Waste Code:				
					☐		☐ waste					☐ gallons ☐ pounds ☐ cu. feet ☐ tons	☐ ambient ☐ > amb. ☐ < amb.	☐ ambient ☐ > amb. ☐ < amb. ☐ cryogenic	☐ fire ☐ reactive ☐ pressure rel ☐ acute health ☐ chronic hea ☐ radioactive
		Management Method: ☐ Shipped Off-site ☐ Recycled On-site ☐ Treated On-site			☐		☐ solid ☐ liquid ☐ gas	Curies: (If radioactive)	Days On Site:	Storage Container:*	State Waste Code:				
					☐		☐ waste					☐ gallons ☐ pounds ☐ cu. feet ☐ tons	☐ ambient ☐ > amb. ☐ < amb.	☐ ambient ☐ > amb. ☐ < amb. ☐ cryogenic	☐ fire ☐ reactive ☐ pressure rel ☐ acute health ☐ chronic hea ☐ radioactive
		Management Method: ☐ Shipped Off-site ☐ Recycled On-site ☐ Treated On-site			☐		☐ solid ☐ liquid ☐ gas	Curies: (If radioactive)	Days On Site:	Storage Container:*	State Waste Code:				
					☐		☐ waste					☐ gallons ☐ pounds ☐ cu. feet ☐ tons	☐ ambient ☐ > amb. ☐ < amb.	☐ ambient ☐ > amb. ☐ < amb. ☐ cryogenic	☐ fire ☐ reactive ☐ pressure rel ☐ acute health ☐ chronic hea ☐ radioactive
		Management Method: ☐ Shipped Off-site ☐ Recycled On-site ☐ Treated On-site			☐		☐ solid ☐ liquid ☐ gas	Curies: (If radioactive)	Days On Site:	Storage Container:*	State Waste Code:				
					☐		☐ waste					☐ gallons ☐ pounds ☐ cu. feet ☐ tons	☐ ambient ☐ > amb. ☐ < amb.	☐ ambient ☐ > amb. ☐ < amb. ☐ cryogenic	☐ fire ☐ reactive ☐ pressure rel ☐ acute health ☐ chronic hea ☐ radioactive
		Management Method: ☐ Shipped Off-site ☐ Recycled On-site ☐ Treated On-site			☐		☐ solid ☐ liquid ☐ gas	Curies: (If radioactive)	Days On Site:	Storage Container:*	State Waste Code:				
					☐		☐ waste					☐ gallons ☐ pounds ☐ cu. feet ☐ tons	☐ ambient ☐ > amb. ☐ < amb.	☐ ambient ☐ > amb. ☐ < amb. ☐ cryogenic	☐ fire ☐ reactive ☐ pressure rel ☐ acute health ☐ chronic hea ☐ radioactive
		Management Method: ☐ Shipped Off-site ☐ Recycled On-site ☐ Treated On-site			☐		☐ solid ☐ liquid ☐ gas	Curies: (If radioactive)	Days On Site:	Storage Container:*	State Waste Code:				

* Storage Container Codes

Code	Storage Type	Code	Storage Type	Code	Storage Type	Code	Storage Type	Code	Storage Type	Code	Storage Type
A	Aboveground Tank	D	Steel Drum	G	Carboy	J	Bag	M	Glass Bottle or Jug	P	Tank Wagon
B	Belowground Tank	E	Plastic/Nonmetallic Drum	H	Silo	K	Box	N	Plastic Bottle or Jug	Q	Rail Car
C	Tank Inside Building	F	Can	I	Fiber Drum	L	Cylinder	O	Tote Bin	R	Other

If EPCRA, sign below:

Aboveground Separation, Containment, and Monitoring Plan

(Appendix to Hazardous Materials Business Plan)

Complete one column for each aboveground storage area shown on the Hazardous Materials Business Plan Storage Map(s). Write the appropriate location code in the box provided at the top of each column, then moving down the column, check all boxes which apply to that location. Make additional copies of this page if needed.

Location	Area A (FLAM Bunker)	Area B (COR-ACID Bunker)	Area C (COR-BASE Bunker)	Area D (Dumpster)	Area E (EAST Equip. Pad)
Storage Type	☐ Inside building ☒ Outside storage shed ☐ Outdoors	☐ Inside building ☒ Outside storage shed ☐ Outdoors	☐ Inside building ☒ Outside storage shed ☐ Outdoors	☐ Inside building ☒ Outside storage shed ☐ Outdoors	☐ Inside building ☐ Outside storage shed ☒ Outdoors
Primary Containment	☒ Original containers ☐ Safety cans ☐ Inside machinery ☒ Drums/barrels ☐ Pressure vessels ☐ Bulk tanks ☐ Aboveground piping ☐ Other	☒ Original containers ☐ Safety cans ☐ Inside machinery ☒ Drums/barrels ☐ Pressure vessels ☐ Bulk tanks ☐ Aboveground piping ☐ Other	☒ Original containers ☐ Safety cans ☐ Inside machinery ☒ Drums/barrels ☐ Pressure vessels ☐ Bulk tanks ☐ Aboveground piping ☐ Other	☐ Original containers ☐ Safety cans ☐ Inside machinery ☐ Drums/barrels ☐ Pressure vessels ☐ Bulk tanks ☐ Aboveground piping ☐ Other	☒ Original containers ☐ Safety cans ☒ Inside machinery ☐ Drums/barrels ☒ Pressure vessels ☒ Bulk tanks ☒ Aboveground piping ☐ Other
Secondary Containment	☒ Approved cabinets ☐ Secondary drum ☐ Tray ☒ Bermed & coated floor ☐ Tank vault ☐ Secondary piping or piping trench ☐ Other	☒ Approved cabinets ☐ Secondary drum ☐ Tray ☒ Bermed & coated floor ☐ Tank vault ☐ Secondary piping or piping trench ☐ Other	☒ Approved cabinets ☐ Secondary drum ☐ Tray ☒ Bermed & coated floor ☐ Tank vault ☐ Secondary piping or piping trench ☐ Other	☐ Approved cabinets ☐ Secondary drum ☐ Tray ☐ Bermed & coated floor ☐ Tank vault ☐ Secondary piping or piping trench ☐ Other	☐ Approved cabinets ☐ Secondary drum ☒ Tray ☒ Bermed & coated floor ☒ Tank vault ☒ Secondary piping or piping trench ☒ Other (Gas cabinets)
aration	☒ All materials compatible ☒ One-hour separation wall/partition ☐ Separation by at least 20 feet ☒ Approved cabinets ☐ Other	☒ All materials compatible ☒ One-hour separation wall/partition ☐ Separation by at least 20 feet ☒ Approved cabinets ☐ Other	☒ All materials compatible ☒ One-hour separation wall/partition ☐ Separation by at least 20 feet ☒ Approved cabinets ☐ Other	☐ All materials compatible ☐ One-hour separation wall/partition ☐ Separation by at least 20 feet ☐ Approved cabinets ☐ Other	☐ All materials compatible ☒ One-hour separation wall/partition ☒ Separation by at least 20 feet ☒ Approved cabinets ☐ Other
Monitoring Type	☒ Visual ☒ Automatic sensors ☐ Other	☒ Visual ☒ Automatic sensors ☐ Other	☒ Visual ☒ Automatic sensors ☐ Other	☒ Visual ☐ Automatic sensors ☐ Other	☒ Visual ☒ Automatic sensors ☐ Other
Monitoring Frequency	☒ Daily ☒ Weekly ☐ Monthly ☐ Continuous ☐ Other	☒ Daily ☒ Weekly ☐ Monthly ☐ Continuous ☐ Other	☒ Daily ☒ Weekly ☐ Monthly ☐ Continuous ☐ Other	☒ Daily ☒ Weekly ☐ Monthly ☐ Continuous ☐ Other	☒ Daily ☒ Weekly ☐ Monthly ☒ Continuous ☐ Other

In the space provided below, describe the location, type, manufacturer's specifications (if applicable) and suitability of any monitoring methods used other than visual monitoring. Attach additional pages if needed:

Areas A, B, and C are equipped with Smoke/Fire sensors that are continuously monitored.
Area E – Toxic Gas Monitoring system

FILE::un-021_HMBP_WJC_Separation-Containment P1_rev9-30-04

Aboveground ..eparation, Containment, and M..itoring Plan

(Appendix to Hazardous Materials Business Plan)

Complete one column for each aboveground storage area shown on the Hazardous Materials Business Plan Storage Map(s). Writ the appropriate location code in the box provided at the top of each column, then moving down the column, check all boxes which apply to that location. Make additional copies of this page if needed.

Location	Area F (Wafer Fab)	Area G (Wafer Inspection)	Area H – NO HAZMAT	Area I (SEM Room)	Area J (Equip. Maint. Shop)
Storage Type	☒ Inside building ☐ Outside storage shed ☐ Outdoors	☒ Inside building ☐ Outside storage shed ☐ Outdoors	☐ Inside building ☐ Outside storage shed ☐ Outdoors	☒ Inside building ☐ Outside storage shed ☐ Outdoors	☒ Inside building ☐ Outside storage shed ☐ Outdoors
Primary Containment	☒ Original containers ☐ Safety cans ☒ Inside machinery ☒ Drums/barrels ☐ Pressure vessels ☐ Bulk tanks ☒ Aboveground piping ☒ Other (Comp. Gas Cyls.)	☒ Original containers ☐ Safety cans ☐ Inside machinery ☐ Drums/barrels ☐ Pressure vessels ☐ Bulk tanks ☐ Aboveground piping ☒ Other (Squeeze Bottles)	☐ Original containers ☐ Safety cans ☐ Inside machinery ☐ Drums/barrels ☐ Pressure vessels ☐ Bulk tanks ☐ Aboveground piping ☐ Other	☐ Original containers ☐ Safety cans ☐ Inside machinery ☐ Drums/barrels ☐ Pressure vessels ☐ Bulk tanks ☐ Aboveground piping ☒ Other (Dewar Flask)	☒ Original containers ☐ Safety cans ☐ Inside machinery ☐ Drums/barrels ☐ Pressure vessels ☐ Bulk tanks ☐ Aboveground piping ☐ Other
Secondary Containment	☒ Approved cabinets ☐ Secondary drum ☒ Tray ☐ Bermed & coated floor ☐ Tank vault ☒ Secondary piping or piping trench ☒ Other (Tool enclosures)	☐ Approved cabinets ☐ Secondary drum ☒ Tray ☐ Bermed & coated floor ☐ Tank vault ☐ Secondary piping or piping trench ☐ Other (Tool enclosures)	☐ Approved cabinets ☐ Secondary drum ☐ Tray ☐ Bermed & coated floor ☐ Tank vault ☐ Secondary piping or piping trench ☐ Other (Tool enclosures)	☐ Approved cabinets ☐ Secondary drum ☒ Tray ☐ Bermed & coated floor ☐ Tank vault ☐ Secondary piping or piping trench ☐ Other (Tool enclosures)	☐ Approved cabinets ☐ Secondary drum ☐ Tray ☐ Bermed & coated floor ☐ Tank vault ☐ Secondary piping or piping trench ☐ Other
Separation	☒ All materials compatible ☐ One-hour separation wall/partition ☐ Separation by at least 20 feet ☒ Approved cabinets ☐ Other	☒ All materials compatible ☐ One-hour separation wall/partition ☐ Separation by at least 20 feet ☐ Approved cabinets ☐ Other	☐ All materials compatible ☐ One-hour separation wall/partition ☐ Separation by at least 20 feet ☐ Approved cabinets ☐ Other	☒ All materials compatible ☐ One-hour separation wall/partition ☐ Separation by at least 20 feet ☐ Approved cabinets ☐ Other	☒ All materials comp ☐ One-hour separation wall/partition ☐ Separation by at least 20 feet ☐ Approved cabinets ☐ Other
Monitoring Type	☒ Visual ☒ Automatic sensors ☒ Other (Automatic CO2)	☒ Visual ☐ Automatic sensors ☐ Other	☐ Visual ☐ Automatic sensors ☐ Other (Automatic CO2)	☒ Visual ☐ Automatic sensors ☐ Other (Automatic CO2)	☒ Visual ☐ Automatic sensors ☐ Other
Monitoring Frequency	☒ Daily ☒ Weekly ☐ Monthly ☒ Continuous ☐ Other	☒ Daily ☒ Weekly ☐ Monthly ☐ Continuous ☐ Other	☐ Daily ☐ Weekly ☐ Monthly ☐ Continuous ☐ Other	☒ Daily ☐ Weekly ☐ Monthly ☐ Continuous ☐ Other	☒ Daily ☒ Weekly ☐ Monthly ☐ Continuous ☐ Other

In the space provided below, describe the location, type, manufacturer's specifications (if applicable) and suitability of any monitoring methods used other than visual monitoring. Attach additional pages if needed:

Area F – Toxic Gas Monitoring system
NOTE: All interior areas are continuously monitored for Smoke/Fire.

Complete one column for each aboveground storage area shown on the Hazardous Materials Business Plan Storage Map(s). Write the appropriate location code in the box provided at the top of each column, then moving down the column, check all boxes which apply to that location. Make additional copies of this page if needed.

Location	Area K (Electronic Test Lab)	Area L (Lapping)	Area M (EAST Parking Lot)	Area N (Port Bunker ACID)	Area O (Port Bunker BASE)
Storage Type	☒ Inside building ☐ Outside storage shed ☐ Outdoors	☒ Inside building ☐ Outside storage shed ☐ Outdoors	☐ Inside building ☐ Outside storage shed ☒ Outdoors	☐ Inside building ☒ Outside storage shed ☐ Outdoors	☐ Inside building ☒ Outside storage shed ☐ Outdoors
Primary Containment	☒ Original containers ☐ Safety cans ☐ Inside machinery ☐ Drums/barrels ☐ Pressure vessels ☐ Bulk tanks ☐ Aboveground piping ☒ Other (Squeeze Bottles)	☒ Original containers ☐ Safety cans ☒ Inside machinery ☒ Drums/barrels ☐ Pressure vessels ☐ Bulk tanks ☒ Aboveground piping ☐ Other	☐ Original containers ☐ Safety cans ☐ Inside machinery ☐ Drums/barrels ☐ Pressure vessels ☒ Bulk tanks ☒ Aboveground piping ☐ Other	☒ Original containers ☐ Safety cans ☐ Inside machinery ☐ Drums/barrels ☐ Pressure vessels ☐ Bulk tanks ☐ Aboveground piping ☐ Other	☒ Original containers ☐ Safety cans ☐ Inside machinery ☐ Drums/barrels ☐ Pressure vessels ☐ Bulk tanks ☐ Aboveground piping ☐ Other
Secondary Containment	☐ Approved cabinets ☐ Secondary drum ☒ Tray ☐ Bermed & coated floor ☐ Tank vault ☐ Secondary piping or piping trench ☐ Other	☐ Approved cabinets ☐ Secondary drum ☒ Tray ☐ Bermed & coated floor ☐ Tank vault ☐ Secondary piping or piping trench ☒ Other (Tool enclosures)	☐ Approved cabinets ☐ Secondary drum ☐ Tray ☐ Bermed & coated floor ☒ Tank vault ☒ Secondary piping or piping trench ☐ Other	☐ Approved cabinets ☐ Secondary drum ☐ Tray ☒ Bermed & coated floor ☐ Tank vault ☐ Secondary piping or piping trench ☐ Other	☐ Approved cabinets ☐ Secondary drum ☐ Tray ☒ Bermed & coated floor ☐ Tank vault ☐ Secondary piping or piping trench ☐ Other
aration	☒ All materials compatible ☐ One-hour separation wall/partition ☐ Separation by at least 20 feet ☐ Approved cabinets ☐ Other	☒ All materials compatible ☒ One-hour separation wall/partition ☐ Separation by at least 20 feet ☐ Approved cabinets ☒ Other (Tool enclosures)	☒ All materials compatible ☐ One-hour separation wall/partition ☐ Separation by at least 20 feet ☐ Approved cabinets ☐ Other	☒ All materials compatible ☒ One-hour separation wall/partition ☐ Separation by at least 20 feet ☐ Approved cabinets ☐ Other	☒ All materials compatible ☒ One-hour separation wall/partition ☐ Separation by at least 20 feet ☐ Approved cabinets ☐ Other
Monitoring Type	☒ Visual ☐ Automatic sensors ☐ Other	☒ Visual ☐ Automatic sensors ☐ Other	☒ Visual ☐ Automatic sensors ☐ Other	☒ Visual ☒ Automatic sensors ☐ Other	☒ Visual ☒ Automatic sensors ☐ Other
Monitoring Frequency	☒ Daily ☒ Weekly (Written report) ☐ Monthly ☐ Continuous ☐ Other	☒ Daily ☒ Weekly (Written report) ☐ Monthly ☐ Continuous ☐ Other	☒ Daily ☒ Weekly (Written report) ☐ Monthly ☐ Continuous ☐ Other	☒ Daily ☒ Weekly (Written report) ☐ Monthly ☐ Continuous ☐ Other	☒ Daily ☒ Weekly (Written report) ☐ Monthly ☐ Continuous ☐ Other

In the space provided below, describe the location, type, manufacturer's specifications (if applicable) and suitability of any monitoring methods used other than visual monitoring. Attach additional pages if needed:

NOTE: All interior areas are continuously monitored for Smoke/Fire.

Aboveground Separation, Containment, and Monitoring Plan
(Appendix to Hazardous Materials Business Plan)

Complete one column for each aboveground storage area shown on the Hazardous Materials Business Plan Storage Map(s). Writ the appropriate location code in the box provided at the top of each column, then moving down the column, check all boxes which apply to that location. Make additional copies of this page if needed.

Location	Area P (Port Bunker OXY)	Area Q (North Equip. Pad)	Area R (Shipping / Receiving)	Not Applicable	Not Applicable
Storage Type	☐ Inside building ☒ Outside storage shed ☐ Outdoors	☐ Inside building ☐ Outside storage shed ☒ Outdoors	☒ Inside building ☐ Outside storage shed ☐ Outdoors	☐ Inside building ☐ Outside storage shed ☐ Outdoors	☐ Inside building ☐ Outside storage shed ☐ Outdoors
Primary Containment	☒ Original containers ☐ Safety cans ☐ Inside machinery ☐ Drums/barrels ☐ Pressure vessels ☐ Bulk tanks ☐ Aboveground piping ☐ Other	☐ Original containers ☐ Safety cans ☒ Inside machinery ☐ Drums/barrels ☐ Pressure vessels ☐ Bulk tanks ☒ Aboveground piping ☐ Other	☒ Original containers ☐ Safety cans ☐ Inside machinery ☐ Drums/barrels ☐ Pressure vessels ☐ Bulk tanks ☐ Aboveground piping ☐ Other	☐ Original containers ☐ Safety cans ☐ Inside machinery ☐ Drums/barrels ☐ Pressure vessels ☐ Bulk tanks ☐ Aboveground piping ☐ Other	☐ Original containers ☐ Safety cans ☐ Inside machinery ☐ Drums/barrels ☐ Pressure vessels ☐ Bulk tanks ☐ Aboveground piping ☐ Other
Secondary Containment	☐ Approved cabinets ☐ Secondary drum ☐ Tray ☒ Bermed & coated floor ☐ Tank vault ☐ Secondary piping or piping trench ☒ Other (Self contained)	☐ Approved cabinets ☐ Secondary drum ☐ Tray ☐ Bermed & coated floor ☐ Tank vault ☐ Secondary piping or piping trench ☒ Other	☒ Approved cabinets ☐ Secondary drum ☐ Tray ☐ Bermed & coated floor ☐ Tank vault ☐ Secondary piping or piping trench ☒ Other(Refrigerator)	☐ Approved cabinets ☐ Secondary drum ☐ Tray ☐ Bermed & coated floor ☐ Tank vault ☐ Secondary piping or piping trench ☐ Other	☐ Approved cabinets ☐ Secondary drum ☐ Tray ☐ Bermed & coated floor ☐ Tank vault ☐ Secondary piping or piping trench ☐ Other
Separation	☒ All materials compatible ☒ One-hour separation wall/partition ☐ Separation by at least 20 feet ☐ Approved cabinets ☐ Other	☒ All materials compatible ☐ One-hour separation wall/partition ☐ Separation by at least 20 feet ☐ Approved cabinets ☐ Other	☒ All materials compatible ☐ One-hour separation wall/partition ☐ Separation by at least 20 feet ☐ Approved cabinets ☐ Other	☐ All materials compatible ☐ One-hour separation wall/partition ☐ Separation by at least 20 feet ☐ Approved cabinets ☐ Other	☐ All materials comp ☐ One-hour separation wall/partition ☐ Separation by at least 20 feet ☐ Approved cabinets ☐ Other
Monitoring Type	☒ Visual ☒ Automatic sensors ☐ Other	☒ Visual ☐ Automatic sensors ☐ Other	☒ Visual ☐ Automatic sensors ☐ Other	☐ Visual ☐ Automatic sensors ☐ Other	☐ Visual ☐ Automatic sensors ☐ Other
Monitoring Frequency	☒ Daily ☒ Weekly ☐ Monthly ☐ Continuous ☐ Other	☒ Daily ☒ Weekly ☐ Monthly ☐ Continuous ☐ Other	☒ Daily ☒ Weekly ☐ Monthly ☐ Continuous ☐ Other	☐ Daily ☐ Weekly ☐ Monthly ☐ Continuous ☐ Other	☐ Daily ☐ Weekly ☐ Monthly ☐ Continuous ☐ Other

In the space provided below, describe the location, type, manufacturer's specifications (if applicable) and suitability of any monitoring methods used other than visual monitoring. Attach additional pages if needed:

FILE::un-021_HMBP_WJC_Separation-Containment P4_rev10-13-04

MILPITAS FIRE DEPARTMENT
HAZARDOUS MATERIALS & ENVIRONMENTAL SERVICES UNIT
HAZARDOUS MATERIALS INSPECTION REPORT
CALIFORNIA FIRE CODE, 2001
MILPITAS MUNICIPAL CODE, TITLE V, CHAPTER 300

Fire Department Number
93-0210

Inspection Date 10/24/06

WJ COMMUNICATIONS
01530 Mc Carthy Blvd
Milpitas, Ca 95035

Mark Bringuel (408) 577 - 6406 ext.
Contact Phone Number

Permitted Activities:

HM	CG								UR	

MRI	KX	EL	FA	HS	HD	OS	SS
	KX		FA			OS	SS

The Milpitas Fire Department conducted a Hazardous Materials inspection at the above address. This notice identifies code violations and the minimum requirements necessary to comply. Items marked with an "X" below will require your attention to come into compliance. Additional information may be written on this notice by the Inspector to provide you with direction for compliance.

Date Abated

☐ 1. Storage cabinets for flammable or combustible liquids shall have well fitted, self closing doors with a latching device; labeled "FLAMMABLE-KEEP FIRE AWAY"; bottom 2 inches liquid tight. [CFC 7902.5.9.3]

☐ 2. All flammable and combustible liquids in excess of maintenance and work station amounts (10 gallons) shall be located in an approved storage cabinet. Volumes stored shall not exceed those permitted by the Fire Code. [CFC 7902.5.8]

☐ 3. Empty tanks and containers previously used for flammable and combustible liquids unless free from explosive vapors, shall be stored as full with cover or plugs in place. [CFC 7902.5.3]

☐ 4. Storage of class I, II, or IIIA liquids shall not be near exit doorways, stairways or a location which may impede egress. [CFC 7902.5.5]

☐ 5. Dispensing of class I liquids is only allowed from approved safety cans or original containers. [CFC 7903.1.3.5]

☐ 6. Class IA flammable liquids shall not be dispensed by gravity from tanks. [CFC 7903.1.3.5]

☐ 7. When a flammable mixture is transferred from one container to another one shall be grounded. Piping systems shall be permanently grounded. [CFC 7903.2.1.3]

☐ 8. Storage cabinets for hazardous materials liquids shall have well fitted, self closing doors equipped with a self latching device; bottom 2 inches liquid tight and labeled "HAZARDOUS-KEEP FIRE AWAY". [CFC 8001.10.6.2]

☐ 9. Secondary containment is required for areas where hazardous materials are stored. [CFC 8001.11.11 as amended by MMC V-300-2.81]

☐ 10. Individual storage areas shall have dedicated drainage to prevent mixing of incompatible materials. [CFC 8003.1.3.3]

☐ 11. Containers previously containing a regulated material shall not be used to store a different material unless container is cleaned in an approved manner and properly labeled for new contents. [CFC 8001.4.6]

☐ 12. All containers in storage shall be arranged in an approved manner, non-compatibles separated (flammables, corrosives, oxidizers, etc.). [CFC 8001.11.8]

☐ 13. Signs prohibiting smoking shall be provided in storage areas and within 25 feet of outdoor storage areas. [CFC 8001.8; 8003.1.2]

☐ 14. Gas cylinders shall be properly identified, located, and secured. [CFC 7401.5.1; 7401.6.4]

☐ 15. Empty containers and tanks previously used for the storage of hazardous materials shall be free from residual materials and vapor as defined by DOT, RCRA or other regulating authority or maintained as specified for the storage of hazardous materials. [CFC 8001.4.6]

☐ 16. Open flames & high-temperature devices shall not be used in a manner which creates a hazardous condition. [CFC 8001.9]

Fire Department Number 93-0210

17. Material Safety Data Sheets (MSDS) shall be available at the facility for all materials present. [CFC 8001.6]
18. All regulated material waste shall be disposed of in an approved manner. Hazardous materials shall not be released into the sewer, storm drain, ditch, drainage canal, lake, river, or tidal waterway, or upon the ground, sidewalk, street, highway or into the atmosphere. [CFC 8001.5.1]
19. Individual containers, cartons, packages shall be conspicuously marked or labeled in accordance with nationally recognized standards. [CFC 8001.8]
20. Entrances to areas where hazardous materials are stored, and stationary above ground tanks shall be placarded with NFPA 704 Hazard Signal System for the material(s) contained. [CFC 8001.7 , 8003.1.2]
21. All above ground piping shall be properly secured and labeled identifying product and direction of flow every 20 feet. [CFC 8001.4.3.2 as amended by MMC-V-300-2.52]
22. Process equipment shall be maintained as designed to prevent accidental discharge of hazardous materials. [CFC 8001.4.7.1]
23. A (revised) Hazardous Materials Business Plan shall be submitted within 10 days.[CFC 8001.3.2]
24. A monitoring method capable of detecting hazardous material leakage from the primary containment into the secondary containment shall be provided. [CFC 8001.11.10 as amended by MMC-V-300-2.80]
25. Routine inspections of all hazardous materials storage areas and spills of hazardous materials shall be recorded, on a weekly basis, on a monitoring log. [CFC 8001.11.10]
26. All processes new to the facility shall have Fire Department approval prior to installation and use. [CFC 8001.3.1]
27. A permit is required to install, repair, abandon, remove, place temporarily out of service, close or substantially modify a storage facility. [CFC 8001.3.1]

ADDITIONAL VIOLATIONS:

☐ See supplemental sheet for additional violations.

ORDERS:

1. Provide Purge bottle for NH3 / Silane Cabs -
2. Remove Silane Bottle from TAIS Cabs - Provide Proper Storage.

COMMENTS:

2. Provide Gas Cabinet for FL Gas in Chase Area
3. Provide Leaker Cabinet for Exterior Storage of HT/T Gas Cylinders (Empty)

REFERRALS:

Your facility will be referred to the following agency(s) for items noted during this inspection which are beyond the scope of this inspection:

☐ **No Hazardous Material violations were observed during the initial inspection.**

For your information: If your business handles hazardous waste, Santa Clara County Hazardous Materials Compliance Division may perform an inspection of your business. For more information, contact 918-3400.

If necessary, a 1st and 2nd re-inspection shall be conducted on or about 30 days from the initial inspection and 15 days from the 1st re-inspection respectively to determine if violation(s) noted above have been corrected and/or orders have been complied with.

Failure to comply with orders and correct violations may render you liable to the penalties as set forth by law, including, but not limited to, administrative, civil and/or criminal citations.

The Fire Department prefers compliance be obtained through the willingness of an individual to comply, and as always, remains ready to assist in this process. If you have any questions or wish to discuss this matter, please contact this office at (408) 586-3365.

Received By: _____ Inspector: _____

Milpitas Fire Department, Bureau of Fire Prevention, 455 E. Calaveras Blvd., Milpitas, CA 95035
Phone (408) 586-3365 FAX (408) 586-3378

Distribution: WHITE - Fire Department Address File
YELLOW - Business Responsible

UNIFIED PROGRAM CONSOLIDATED FORM
FACILITY INFORMATION
BUSINESS ACTIVITIES

I. FACILITY IDENTIFICATION

FACILITY ID# *(Agency Use Only)*	1.	EPA ID # (Hazardous Waste Only)	2.
99-0209		CAL 0007401522714	

BUSINESS NAME (Same as Facility Name or DBA - Doing Business As) 3.

APPRO INTERNATIONAL, INC.

II. ACTIVITIES DECLARATION

NOTE: If you check YES to any part of this list, please submit the Business Owner/Operator Identification page (OES Form 2730)

Does your facility...		If Yes, please complete these pages of the UPCF...
A. HAZARDOUS MATERIALS Have on site (for any purpose) hazardous materials at or above 55 gallons for liquids, 500 pounds for solids, or 200 cubic feet for compressed gases (include liquids in ASTs and USTs); or the applicable Federal treshold quantity for an extremely hazardous substance specified in 40 CFR Part 355, Appendix A or B; or handle radiolofical materials in quantities for which an emergency plan is required persuant to 10 CFR Parts 30, 40 or 70?	◉ Yes ○ No 4.	HAZARDOUS MATERIALS INVENTORY - CHEMICAL DESCRIPTION (OES 2731)
B. UNDERGROUND STORAGE TANKS (USTs)		
1. Own or operate underground storage tanks?	○ Yes ◉ No 5.	UST FACILITY (Formerly SWRCB Form A) UST TANK (one page per tank) (Formerly Form B)
2. Intend to upgrade existing or install new USTs?	○ Yes ◉ No 6.	UST FACILITY UST TANK (one per tank) UST INSTALLATION - CERTIFICATE OF COMPLIANCE (one page per tank) (Formerly Form C)
3. Need to report closing a UST?	○ Yes ◉ No 7.	UST TANK (closure portion - one page per tank)
C. ABOVE GROUND PETROLEUM STORAGE TANKS (ASTs) Own or operate ASTs above these thresholds: ---any tank capacity is greater than 660 gallons, or ---the total capacity for the facility is greater than 1,320 gallons?	○ Yes ◉ No 8.	NO FORM REQUIRED TO CUPAs
D. HAZARDOUS WASTE		
1. Generate hazardous waste?	○ Yes ◉ No 9.	EPA ID NUMBER - provide at the top of this page
2. Recycle more than 100 kg/month of excluded or exempted recyclable materials (per H&SC 25143.2)?	○ Yes ◉ No 10.	RECYCLABLE MATERIALS REPORT (one per recycler)
3. Treat hazardous waste on site?	○ Yes ◉ No 11.	ONESITE HAZARDOUS WASTE TREATMENT - FACILITY (Formerly DTSC Forms 1772) ONSITE HAZARDOUS WASTE TREATMENT - UNIT (One page per unit) (Formerly DTSC Forms 1772 A,B,C,D and L)
4. Treatment subject to financial assurance requirements (for Permit by Rule and Conditional Authorization)?	○ Yes ◉ No 12.	CERTIFICATE OF FINANCIAL ASSURANCE (Formerly DTSC Form 1232)
5. Consolidate hazardous waste generated at a remote site?	○ Yes ◉ No 13.	REMOTE WASTE / CONSOLIDATION SITE ANNUAL NOTIFICATION (Formerly DTSC Form 1196)
6. Need to report the closure/removal of a tank that was classified as hazardous waste and cleaned onsite?	○ Yes ◉ No 14.	HAZARDOUS WASTE TANK CLOSURE CERTIFICATION (Formerly DTSC Form 1249)

E CAL REQUIREMENTS (You may also be required to provide additional informaiton by your CUPA or local agency.) 15.

Date: December 14, 2005

Non-Waste Hazardous Materials Inventory Statement

Business Name: APPRO INTERNATIONAL, INC.
(Same as Facility Name of DBA)

Facility Id #: 99-0209
(Agency Use Only)

Chemical	Map, Grid, and Storage Location	Entry Type	Haz. Classifications	Type and Physical State	Quantities

Chemical Name: Propane
CAS #: 507-19-07
Waste Code:
Common Name:
EHS: ☐

Hazardous Componenets (For mixtures only)

Chemical Name	%	EHS	CAS No.
		☐	
		☐	
		☐	
		☐	
		☐	

Location: B
Map #: 1
Grid:
EPCRA Conf. Loc.: No

(◉) Add
( ) Delete
( ) Revise

Trade Secret: No

DOT Class: Flam. Gas
UFC Class: Flammable Gas

SARA Class: ☐ Fire ☐ Acute ☐ Reactive ☐ Chronic ☐ Pressure ☐ Radioactive

Chem./Phy. States: Gas

Max. Daily	Average Daily	Largest Cont.
34	30	5

Disposal Method:
Annual Generation:
Units:

Storage Codes

Pres.	Temp.
> Amb.	Amb.

Container Type: Cylinder

Curries (If radioactive):
Days on Site: 365

Aboveground Separation, Containment, and Monitoring Plan

(Appendix to Hazardous Materials Business Plan and Registration Form)

Complete one column for each aboveground storage area shown on the Hazardous Materials Business Plan Storage Map(s). Write the appropriate location code in the box provided at the top of each column, then moving down the column, check all boxes which apply to that location. Make additional copies of this page if needed.

Location: Map: 1 Storage Location: A

Storage Type	Primary Containment	Secondary Containment	Separation	Monitoring Type	Monitoring Frequency
☒ Inside building	☒ Original containers	☐ Approved cabinets	☒ Materials compatible	☒ Visual	☐ Daily
☐ Outside shed	☐ Safety cans	☐ Secondary drum	☐ One-hour separation	☐ Continuous (electronic)	☒ Weekly
☐ Outdoors	☐ Inside machinery	☐ Tray	☐ Separation by 20'	☐ Other...	☐ Monthly
	☐ Drums/barrels	☐ Bermed & coated floor	☐ Approved cabinets		☐ Other...
	☒ Pressure vessels	☐ Tank vault	☐ Other...		
	☐ Bulk tanks	☐ Sec. piping/trench			
	☐ Aboveground piping	☐ Other...			
	☐ Other...				

In the space provided below, describe the location, type, manufacturer's specifications (if applicable) and suitability of any monitoring methods used other than visual monitoring. Attach additional pages if needed:

Location: Map: 1 Storage Location: B

Storage Type	Primary Containment	Secondary Containment	Separation	Monitoring Type	Monitoring Frequency
☐ Inside building	☒ Original containers	☒ Approved cabinets	☒ Materials compatible	☒ Visual	☐ Daily
☐ Outside shed	☐ Safety cans	☐ Secondary drum	☐ One-hour separation	☐ Continuous (electronic)	☒ Weekly
☐ Outdoors	☒ Inside machinery	☐ Tray	☐ Separation by 20'	☐ Other...	☐ Monthly
	☐ Drums/barrels	☐ Bermed & coated floor	☐ Approved cabinets		☐ Other...
	☐ Pressure vessels	☐ Tank vault	☐ Other...		
	☐ Bulk tanks	☐ Sec. piping/trench			
	☐ Aboveground piping	☐ Other...			
	☐ Other...				

In the space provided below, describe the location, type, manufacturer's specifications (if applicable) and suitability of any monitoring methods used other than visual monitoring. Attach additional pages if needed:

Location: Map: 1 Storage Location: C

Storage Type	Primary Containment	Secondary Containment	Separation	Monitoring Type	Monitoring Frequency
☒ Inside building	☐ Original containers	☐ Approved cabinets	☒ Materials compatible	☒ Visual	☐ Daily
☐ Outside shed	☐ Safety cans	☐ Secondary drum	☐ One-hour separation	☐ Continuous (electronic)	☒ Weekly
☐ Outdoors	☐ Inside machinery	☐ Tray	☐ Separation by 20'	☐ Other...	☐ Monthly
	☐ Drums/barrels	☐ Bermed & coated floor	☐ Approved cabinets		☐ Other...
	☒ Pressure vessels	☐ Tank vault	☐ Other...		
	☐ Bulk tanks	☐ Sec. piping/trench			
	☐ Aboveground piping	☐ Other...			
	☐ Other...				

In the space provided below, describe the location, type, manufacturer's specifications (if applicable) and suitability of any monitoring methods used other than visual monitoring. Attach additional pages if needed:

MILPITAS FIRE DEPARTMENT
HAZARDOUS MATERIALS & ENVIRONMENTAL SERVICES UNIT
HAZARDOUS MATERIALS INSPECTION REPORT
CALIFORNIA FIRE CODE, 2001
MILPITAS MUNICIPAL CODE, TITLE V, CHAPTER 300

Fire Department Number
99-0209

Inspection Date 01/29/07

APPRO INTERNATIONAL, INC.
00446 S Abbott Ave
Milpitas, Ca 95035

Andrew Yoon (408) 941 - 8100 ext. 730
Contact Phone Number

Permitted Activities:

HM										

MRI	KX	EL	FA	HS	HD	OS	SS
			FA			OS	SS

The Milpitas Fire Department conducted a Hazardous Materials inspection at the above address. This notice identifies code violations and the minimum requirements necessary to comply. Items marked with an "X" below will require your attention to come into compliance. Additional information may be written on this notice by the Inspector to provide you with direction for compliance.

Date Abated

☐ 1. Storage cabinets for flammable or combustible liquids shall have well fitted, self closing doors with a latching device; labeled "FLAMMABLE-KEEP FIRE AWAY"; bottom 2 inches liquid tight. [CFC 7902.5.9.3] _____

☐ 2. All flammable and combustible liquids in excess of maintenance and work station amounts (10 gallons) shall be located in an approved storage cabinet. Volumes stored shall not exceed those permitted by the Fire Code. [CFC 7902.5.8] _____

☐ 3. Empty tanks and containers previously used for flammable and combustible liquids unless free from explosive vapors, shall be stored as full with cover or plugs in place. [CFC 7902.5.3] _____

☐ 4. Storage of class I, II, or IIIA liquids shall not be near exit doorways, stairways or a location which may impede egress. [CFC 7902.5.5] _____

☐ 5. Dispensing of class I liquids is only allowed from approved safety cans or original containers. [CFC 7903.1.3.5] _____

☐ 6. Class IA flammable liquids shall not be dispensed by gravity from tanks. [CFC 7903.1.3.5] _____

☐ 7. When a flammable mixture is transferred from one container to another one shall be grounded. Piping systems shall be permanently grounded. [CFC 7903.2.1.3] _____

☐ 8. Storage cabinets for hazardous materials liquids shall have well fitted, self closing doors equipped with a self latching device; bottom 2 inches liquid tight and labeled "HAZARDOUS-KEEP FIRE AWAY". [CFC 8001.10.6.2] _____

☐ 9. Secondary containment is required for areas where hazardous materials are stored. [CFC 8001.11.11 as amended by MMC V-300-2.81] _____

☐ 10. Individual storage areas shall have dedicated drainage to prevent mixing of incompatible materials. [CFC 8003.1.3.3] _____

☐ 11. Containers previously containing a regulated material shall not be used to store a different material unless container is cleaned in an approved manner and properly labeled for new contents. [CFC 8001.4.6] _____

☐ 12. All containers in storage shall be arranged in an approved manner, non-compatibles separated (flammables, corrosives, oxidizers, etc.). [CFC 8001.11.8] _____

☐ 13. Signs prohibiting smoking shall be provided in storage areas and within 25 feet of outdoor storage areas. [CFC 8001.8; 8003.1.2] _____

☐ 14. Gas cylinders shall be properly identified, located, and secured. [CFC 7401.5.1; 7401.6.4] _____

☐ 15. Empty containers and tanks previously used for the storage of hazardous materials shall be free from residual materials and vapor as defined by DOT, RCRA or other regulating authority or maintained as specified for the storage of hazardous materials. [CFC 8001.4.6] _____

☐ 16. Open flames & high-temperature devices shall not be used in a manner which creates a hazardous condition. [CFC 8001.9] _____

- ☐ 17. Material Safety Data Sheets (MSDS) shall be available at the facility for all materials present. [CFC 8001.6]
- ☐ 18. All regulated material waste shall be disposed of in an approved manner. Hazardous materials shall not be released into the sewer, storm drain, ditch, drainage canal, lake, river, or tidal waterway, or upon the ground, sidewalk, street, highway or into the atmosphere. [CFC 8001.5.1]
- ☐ 19. Individual containers, cartons, packages shall be conspicuously marked or labeled in accordance with nationally recognized standards. [CFC 8001.8]
- ☐ 20. Entrances to areas where hazardous materials are stored, and stationary above ground tanks shall be placarded with NFPA 704 Hazard Signal System for the material(s) contained. [CFC 8001.7 , 8003.1.2]
- ☐ 21. All above ground piping shall be properly secured and labeled identifying product and direction of flow every 20 feet. [CFC 8001.4.3.2 as amended by MMC-V-300-2.52]
- ☐ 22. Process equipment shall be maintained as designed to prevent accidental discharge of hazardous materials. [CFC 8001.4.7.1]
- ☐ 23. A (revised) Hazardous Materials Business Plan shall be submitted within 10 days.[CFC 8001.3.2]
- ☐ 24. A monitoring method capable of detecting hazardous material leakage from the primary containment into the secondary containment shall be provided. [CFC 8001.11.10 as amended by MMC-V-300-2.80]
- ☐ 25. Routine inspections of all hazardous materials storage areas and spills of hazardous materials shall be recorded, on a weekly basis, on a monitoring log. [CFC 8001.11.10]
- ☐ 26. All processes new to the facility shall have Fire Department approval prior to installation and use. [CFC 8001.3.1]
- ☐ 27. A permit is required to install, repair, abandon, remove, place temporarily out of service, close or substantially modify a storage facility. [CFC 8001.3.1]

ADDITIONAL VIOLATIONS:

☐ See supplemental sheet for additional violations.

ORDERS:

X	1.	Discontinue use of extension cords in place of permanent wiring.	1/29/2007
	2.	Service fire extinguishers.	1/29/2007

COMMENTS:

REFERRALS:

Your facility will be referred to the following agency(s) for items noted during this inspection which are beyond the scope of this inspection:

☐ **No Hazardous Material violations were observed during the initial inspection.**

For your information: If your business handles hazardous waste, Santa Clara County Hazardous Materials Compliance Division may perform an inspection of your business. For more information, contact 918-3400.

If necessary, a 1st and 2nd re-inspection shall be conducted on or about 30 days from the initial inspection and 15 days from the 1st re-inspection respectively to determine if violation(s) noted above have been corrected and/or orders have been complied with.

Failure to comply with orders and correct violations may render you liable to the penalties as set forth by law, including, but not limited to, administrative, civil and/or criminal citations.

The Fire Department prefers compliance be obtained through the willingness of an individual to comply, and as always, remains ready to assist in this process. If you have any questions or wish to discuss this matter, please contact this office at (408) 586-3365.

Received By: Andrea Sosa Inspector: Valentin M. Lopez

VC-K5

Milpitas Fire Department, Bureau of Fire Prevention, 455 E. Calaveras Blvd., Milpitas, CA 95035
Phone (408) 586-3365 FAX (408) 586-3378

Distribution: WHITE - Fire Department Address File
YELLOW - Business Responsible

Fire Department Number 99-0209

ADDITIONAL VIOLATIONS

	Date Abated
Service exit signs.	1/29/2007
Reduce storage height to less than 12 feet or submit plans to the City for high piled combustible storage.	1/29/2007

HAZARDOUS MATERIALS BUSINESS PLAN CERTIFICATION FORM

For Use by Unidocs Member Agencies or where approved by your Local Jurisdiction
Authority Cited: H&SC §25503.3(c)

RECEIVED
FEB 06 2006
MILPITAS
FIRE PREVENTION

To: Agency Name: Milpitas Fire Department
Agency Mailing Address: 455 East Calaveras Blvd
Milpitas, CA 95035

Pursuant to Section 25503.3(c) of California Health and Safety Code (H&SC), the Hazardous Materials Business Plan (HMBP) certification described below is hereby submitted for the following facility:

Facility Name: Silicon Microstructures, Inc.

Facility Street Address: 1701 McCarthy Blvd. City: Milpitas

Date of Current HMBP: 02/01/06.

I certify that: *(Check the appropriate box.)*

☐ I have personally reviewed the Hazardous Materials Business Plan currently on file with your agency and certify that the HMBP is complete and accurate. *(See bottom of page for details.)* **or**

☒ Revisions to the Hazardous Materials Business Plan are necessary. The HMBP as revised is being implemented. A copy of the revisions is enclosed with this Certification.

OWNER/OPERATOR CERTIFICATION: I hereby certify under penalty of law that, based upon my inquiry of those individuals responsible for obtaining the information reported above, I believe that the submitted information is true, accurate, and complete. I understand that a revised HMBP must be submitted within 30 days of any change in this facility's storage or handling of hazardous materials which would require updating of the HMBP.

Name of Owner/Operator *(Print)*: Mike Planer Title: Facilities/Maint. Manager

Signature of Owner/Operator: Michael Planer Date: 02/01/06.

By checking the upper box on this form, you are certifying that:

- The information contained in the HMBP most recently submitted is complete, accurate, and up-to-date; **and**
- There has been no change in the quantity of any hazardous material as reported in the most recently submitted Hazardous Materials Inventory forms; **and**
- The facility has not begun handling any hazardous material in a HMBP reportable quantity which is not currently listed in the Hazardous Materials Inventory; **and**
- The HMBP most recently submitted HMBP contains the information required by Section 11022 of Title 42 of the United States Code; **and**
- There have been no substantial changes in the facility's hazardous materials operations which would require revision of the current HMBP.

UNIFIED PROGRAM CONSOLIDATED FORM
FACILITY INFORMATION

BUSINESS ACTIVITIES

I. FACILITY IDENTIFICATION

FACILITY ID # *(Agency Use Only)*	1.	EPA ID # (Hazardous Waste Only)	2.
		CAD982501066	

BUSINESS NAME (Same as Facility Name or DBA - Doing Business As) 3.

Silicon Microstructures, Inc. (SMI)

II. ACTIVITIES DECLARATION

NOTE: If you check YES to any part of this list, please submit the Business Owner/Operator Identification page (OES Form 2730).

Does your facility...	If Yes, please complete these pages of the UPCF...	
A. HAZARDOUS MATERIALS		
Have on site (for any purpose) hazardous materials at or above 55 gallons for liquids, 500 pounds for solids, or 200 cubic feet for compressed gases (include liquids in ASTs and USTs); or the applicable Federal threshold quantity for an extremely hazardous substance specified in 40 CFR Part 355, Appendix A or B; or handle radiological materials in quantities for which an emergency plan is required pursuant to 10 CFR Parts 30, 40 or 70?	☒ YES ☐ NO 4.	HAZARDOUS MATERIALS INVENTORY - CHEMICAL DESCRIPTION (OES 2731)
B. UNDERGROUND STORAGE TANKS (USTs)		
1. Own or operate underground storage tanks?	☐ YES ☒ NO 5.	UST FACILITY (Formerly SWRCB Form A) UST TANK (one page per tank) (Formerly Form B)
2. Intend to upgrade existing or install new USTs?	☐ YES ☒ NO 6.	UST FACILITY UST TANK (one per tank) UST INSTALLATION - CERTIFICATE OF COMPLIANCE (one page per tank) (Formerly Form C)
3. Need to report closing a UST?	☐ YES ☒ NO 7.	UST TANK (closure portion - one page per tank)
C. ABOVE GROUND PETROLEUM STORAGE TANKS (ASTs)		
Own or operate ASTs above these thresholds: ---any tank capacity is greater than 660 gallons, or ---the total capacity for the facility is greater than 1,320 gallons?	☐ YES ☒ NO 8.	NO FORM REQUIRED TO CUPAs
D. HAZARDOUS WASTE		
1. Generate hazardous waste?	☒ YES ☐ NO 9.	EPA ID NUMBER - provide at the top of this page
2. Recycle more than 100 kg/month of excluded or exempted recyclable materials (per HSC §25143.2)?	☐ YES ☒ NO 10.	RECYCLABLE MATERIALS REPORT (one per recycler)
3. Treat hazardous waste on site?	☒ YES ☐ NO 11.	ONSITE HAZARDOUS WASTE TREATMENT - FACILITY (Formerly DTSC Forms 1772) ONSITE HAZARDOUS WASTE TREATMENT - UNIT (one page per unit) (Formerly DTSC Forms 1772 A,B,C,D and L)
4. Treatment subject to financial assurance requirements (for Permit by Rule and Conditional Authorization)?	☒ YES ☐ NO 12.	CERTIFICATION OF FINANCIAL ASSURANCE (Formerly DTSC Form 1232)
5. Consolidate hazardous waste generated at a remote site?	☐ YES ☒ NO 13.	REMOTE WASTE / CONSOLIDATION SITE ANNUAL NOTIFICATION (Formerly DTSC Form 1196)
6. Need to report the closure/removal of a tank that was classified as hazardous waste and cleaned onsite?	☐ YES ☒ NO 14.	HAZARDOUS WASTE TANK CLOSURE CERTIFICATION (Formerly DTSC Form 1249)

E. LOCAL REQUIREMENTS 15.

(You may also be required to provide additional information by your CUPA or local agency.)

Date: 2/1/2006

Non-Waste Hazardous Materials Inventory Statement

Business Name: Silicon Microstructures, Inc.	**on This Page:** Revised		Page:	3	of 32
Chemical Location: 1701 McCarthy Blvd., Milpitas, CA	**EPCRA Confidential Location:** No				
	Trade Secret Information? No	**Facility ID#**			

1	2	3	4				5	6			7	8		9
Haz. Class	Map Code	Common Name	Hazardous Components (for mixtures only) Chemical Name	%Wt	EHS	CAS	Type and State	Quantities Max. Daily	Av. Daily	Size .	Units	Storage Codes Press.	Temp	HazCat
							Pure:X	1320	660	330	cuft	>amb	amb	pressure
							Mix:	Curies:	Days on site:	Container				release
		Argon					Sol:		365	L				
		CAS No. 7440-37-					Liq:							
2.2	A	1					Gas:X							
			Hexafluoroethane	100		76-16-4	Pure:X	280	140	140	cuft	>amb	amb	pressure
		Halocarbon 116					Mix:	Curies:	Days on site:	Container				release
		(C2F6)					Sol:		365	L				
							Liq:							
2.2	A	CAS No.					Gas:X							
			Trifluoromethane	92		75-46-7	Pure:	200	100	200	cuft	>amb	amb	pressure
			Oxyen	8		7782-44-7	Mix:X	Curies:	Days on site:	Container				release
							Sol:		365	L				chronic
							Liq:							health
2.2	A	CAS No.					Gas:X							
			Hydrogen Fluoride, Anhydrous	49		7664-39-3	Pure:	3	2	1	gal	amb	amb	acute
			Water	51		7732-18-5	Mix:X	Curies:	Days on site:	Container				health
		Hydrofluoric Acid					Sol:		365	N				
							Liq:X							
8	A	CAS No.					Gas:							
							Pure:X	1	1	1	gal	amb	amb	acute
		Phosphorous					Mix:	Curies:	Days on site:	Container				health
		Oxychloride					Sol:		365	N				
		CAS No. 10025-					Liq:X							
8	A	87-3					Gas:							
							Pure:							
							Mix:	Curies:	Days on site:	Container				
							Sol:		365					
							Liq:							
		CAS No.					Gas:							

Code	Storage Type	Code	Storage Type	Code	Storage Type	Code	Storage Type	Code	Storage Type	Code	Storage Type
A	Above Ground Tank	D	Steel Drum	G	Carboy	J	Bag	M	Glass Bottle/Jug	P	Tank Wagon
B	Belowground Tank	E	Plastic/Nonmetal Drum	H	Silo	K	Box	N	Plastic Bottle/Jug	Q	Rail Car
C	Tank Inside Building	F	Can	I	Fiber Drum	L	Cylinder	O	Tote Bin	R	Other

Date: 2/1/2006

Non-Waste Hazardous Materials Inventory Statement

Business Name: Silicon Microstructures, Inc. **on This Page:** Revised | 4 | of 32

Chemical Location: 1701 McCarthy Blvd., Milpitas, CA **EPCRA Confidential Location:** No

Trade Secret Information? No **Facility ID#**

1	2	3	4				5	6			7	8		9
Haz. Class	Map Code	Common Name	Hazardous Components (for mixtures only) Chemical Name	%Wt	EHS	CAS	Type and State	Quantities Max. Daily	Av. Daily	Size .	Units	Storage Codes Press.	Temp	HazCat
			Isopropyl Alcohol	70		67-63-0	Pure:	15	1	1	gal	amb	amb	fire
		Isopropyl Alcohol	Water	30		7732-18-5	Mix:X	Curies:	Days on site:	Container				
		(IPA)					Sol:		365	N				
							Liq:X							
3	B	**CAS No.**					Gas:							
			Ammonium Hydroxide	50		1336-21-6	Pure:	1	12	1	gal	amb	amb	acute
		Ammonium	Water	50		7732-18-5	Mix:X	Curies:	Days on site:	Container				health
		Hydroxide					Sol:		365	N				
							Liq:X							
8	B	**CAS No.**					Gas:							
			Sulfuric Acid	50		7664-93-9	Pure:	10	5	5	gal	amb	amb	acute
			Water	50		7732-18-5	Mix:X	Curies:	Days on site:	Container				health
		Sulfuric Acid					Sol:		365	N				
							Liq:X							
8	B	**CAS No.**					Gas:							
			Hydrofluoric Acid	49		7664-39-3	Pure:	2	2	2	gal	amb	amb	acute
		Buffered Oxide	Ammonium Fluoride	40		12125-01-8	Mix:X	Curies:	Days on site:	Container				health
		Etch (B.O.E.)	Water	1		7732-18-5	Sol:		365	N				
							Liq:X							
8	B	**CAS No.**					Gas:							
			Potassium Hydroxide	45		1310-58-3	Pure:	5	5	5	gal	amb	amb	acute
		Potassium	Water	55		7732-18-5	Mix:X	Curies:	Days on site:	Container				health
		Hydroxide					Sol:		365	N				
							Liq:X							
8	B	**CAS No.**					Gas:							
							Pure:X	436	200	436	cuft	>amb	amb	pressure
							Mix:	Curies:	Days on site:	Container				release
		Helium					Sol:		365	L				
		CAS No. 7440-59-					Liq:							
2.2	B	7					Gas:X							

Code	Storage Type	Code	Storage Type	Code	Storage Type	Code	Storage Type	Code	Storage Type	Code	Storage Type
A	Above Ground Tank	D	Steel Drum	G	Carboy	J	Bag	M	Glass Bottle/Jug	P	Tank Wagon
B	Belowground Tank	E	Plastic/Nonmetal Drum	H	Silo	K	Box	N	Plastic Bottle/Jug	Q	Rail Car
C	Tank Inside Building	F	Can	I	Fiber Drum	L	Cylinder	O	Tote Bin	R	Other

Date: 2/1/2006

Non-Waste Hazardous Materials Inventory Statement

Business Name: Silicon Microstructures, Inc. **on This Page:** Revised

Chemical Location: 1701 McCarthy Blvd., Milpitas, CA **EPCRA Confidential Location:** No

Trade Secret Information? No **Facility ID#**

1 Haz. Class	2 Map Code	3 Common Name	4 Hazardous Components (for mixtures only) Chemical Name	%Wt	EHS	CAS	5 Type and State	6 Quantities Max. Daily	Av. Daily	Size .	7 Units	8 Storage Codes Press.	Temp	9 HazCat
			Nitrogen	95		7727-37-9	Pure:	213	200	213	cuft	>amb	amb	fire
			Hydrogen	5		1333-74-0	Mix:X	Curies:	Days on site:	Container				pressure
							Sol:		365	L				release
							Liq:							
2.2	B	CAS No.					Gas:X							
							Pure:X	650	275	325	cuft	>amb	amb	pressure
		Tetrafluoro - methane					Mix:	Curies:	Days on site:	Container				release
							Sol:		365	L				
							Liq:							
2.2	B	CAS No.75-73-0					Gas:X							
							Pure:							
							Mix:	Curies:	Days on site:	Container				
							Sol:		365					
							Liq:							
		CAS No.					Gas:							
							Pure:							
							Mix:	Curies:	Days on site:	Container				
							Sol:		365					
							Liq:							
		CAS No.					Gas:							
							Pure:							
							Mix:	Curies:	Days on site:	Container				
							Sol:		365					
							Liq:							
		CAS No.					Gas:							
							Pure:							
							Mix:	Curies:	Days on site:	Container				
							Sol:		365					
							Liq:							
		CAS No.					Gas:							

Code	Storage Type	Code	Storage Type	Code	Storage Type	Code	Storage Type	Code	Storage Type	Code	Storage Type
A	Above Ground Tank	D	Steel Drum	G	Carboy	J	Bag	M	Glass Bottle/Jug	P	Tank Wagon
B	Belowground Tank	E	Plastic/Nonmetal Drum	H	Silo	K	Box	N	Plastic Bottle/Jug	Q	Rail Car
C	Tank Inside Building	F	Can	I	Fiber Drum	L	Cylinder	O	Tote Bin	R	Other

Date: 2/ 1/2006

Non-Waste Hazardous Materials Inventory Statement

Business Name: Silicon Microstructures, Inc. **on This Page:** Revised 5 of 32

Chemical Location: 1701 McCarthy Blvd., Milpitas, CA **EPCRA Confidential Location:** No

Trade Secret Information? No **Facility ID#**

1	2	3	4				5	6			7	8		9
Haz. Class	Map Code	Common Name	Hazardous Components (for mixtures only) Chemical Name	%Wt	EHS	CAS	Type and State	Quantities Max. Daily	Av. Daily	Size .	Units	Storage Codes Press.	Temp	HazCat
			Hydrogen Fluoride, Anhydrous	49		7664-39-3	Pure:	3	1	1	gal	amb	amb	acute
			Water	51		7732-18-5	Mix:X	Curies:	Days on site:	Container				health
		Hydrofluoric Acid					Sol:		365	N				
							Liq:X							
8	B	**CAS No.**					Gas:							
			Hydrogen Peroxide	35		7722-84-1	Pure:	1	1	1	gal	amb	amb	acute
		Hydrogen	Water	65		7732-18-5	Mix:X	Curies:	Days on site:	Container				health
		Peroxide					Sol:		365	N				
							Liq:X							
5,8	B	**CAS No.**					Gas:							
							Pure:X	228	114	228	cuft	>amb	amb	pressure
							Mix:	Curies:	Days on site:	Container				release
		Nitrogen					Sol:		365	L				
		CAS No. 7727-37-					Liq:							
2.2	B	9					Gas:X							
							Pure:X	375	125	251	cuft	>amb	amb	pressure
							Mix:	Curies:	Days on site:	Container				release
		Oxygen					Sol:		365	L				fire
		CAS No. 7782-44-					Liq:							
2.2	B	7					Gas:X							
							Pure:X	530	264	265	cuft	>amb	amb	pressure
		Sulfur					Mix:	Curies:	Days on site:	Container				release
		Hexafluoride					Sol:		365	L				
		CAS No. 2551-62-					Liq:							
2.2	B	4					Gas:X							
							Pure:X	425	425	425	cuft	>amb	amb	pressure
		Oxtafluorocyclo-					Mix:	Curies:	Days on site:	Container				release
		butane RC 318					Sol:		365	L				
							Liq:							
2.2	B	**CAS No.** 115-25-3					Gas:X							

Code	Storage Type	Code	Storage Type	Code	Storage Type	Code	Storage Type	Code	Storage Type	Code	Storage Type
A	Above Ground Tank	D	Steel Drum	G	Carboy	J	Bag	M	Glass Bottle/Jug	P	Tank Wagon
B	Belowground Tank	E	Plastic/Nonmetal Drum	H	Silo	K	Box	N	Plastic Bottle/Jug	Q	Rail Car
C	Tank Inside Building	F	Can	I	Fiber Drum	L	Cylinder	O	Tote Bin	R	Other

Date: 2/1/2006

Non-Waste Hazardous Materials Inventory Statement

Business Name: Silicon Microstructures, Inc.	**on This Page:** Revised			7	of 32
Chemical Location: 1701 McCarthy Blvd., Milpitas, CA	**EPCRA Confidential Location:** No				
	Trade Secret Information? No	**Facility ID#**			

1	2	3	4				5	6			7	8		9
Haz. Class	Map Code	Common Name	Hazardous Components (for mixtures only) Chemical Name	%Wt	EHS	CAS	Type and State	Quantities Max. Daily	Av. Daily	Size .	Units	Storage Codes Press.	Temp	HazCat
			Argon	96		7440-37-1	Pure:	325	200	325	cuft	>amb	amb	presure
			Oxygen	4		7782-44-7	Mix:X	Curies:	Days on site:	Container				release
							Sol:		365	L				
							Liq:							
2.2	C	**CAS No.**					Gas:X							
							Pure:X	15	10	1	gal	amb	amb	fire
							Mix:	Curies:	Days on site:	Container				
		Acetone					Sol:		365	N				
							Liq:L							
3	C	**CAS No.**67-64-4					Gas:							
			Ammonium Hydroxide	50		1336-21-6	Pure:	12	1	1	gal	amb	amb	acute
		Ammonium	Water	50		7732-18-5	Mix:X	Curies:	Days on site:	Container				health
		Hydroxide					Sol:		365	N				
							Liq:X							
8	C	**CAS No.**					Gas:							
			Potassium Hydroxide	1		1310-58-3	Pure:	7	2	1	gal	amb	amb	acute
		AZ 400K	Potassium Borates	5		20786-60-1	Mix:X	Curies:	Days on site:	Container				health
		Developer	Water	94		7732-18-5	Sol:		365	M				
							Liq:X							
8	C	**CAS No.**					Gas:							
			2-Ethoxyethyl Acetate	57		111-15-9	Pure:	2	1	1	gal	amb	amb	fire
		AZ 4902	N-Butyl-Acetate	7		123-86-4	Mix:X	Curies:	Days on site:	Container				chronic
		Photoresist	Xylene	7		1330-20-7	Sol:		365	N				health
			Water	29		7732-18-5	Liq:X							
3	C	**CAS No.**					Gas:							
		HMDS					Pure:X	3	1	1	gal	amb	amb	fire
		Hexamethyl -					Mix:	Curies:	Days on site:	Container				chronic
		disilazane					Sol:		365	M				health
							Liq:X							
3	C	**CAS No.** 999-97-3					Gas:							

Code	Storage Type	Code	Storage Type	Code	Storage Type	Code	Storage Type	Code	Storage Type	Code	Storage Type
A	Above Ground Tank	D	Steel Drum	G	Carboy	J	Bag	M	Glass Bottle/Jug	P	Tank Wagon
B	Belowground Tank	E	Plastic/Nonmetal Drum	H	Silo	K	Box	N	Plastic Bottle/Jug	Q	Rail Car
C	Tank Inside Building	F	Can	I	Fiber Drum	L	Cylinder	O	Tote Bin	R	Other

Date: 2/1/2006

Non-Waste Hazardous Materials Inventory Statement

Business Name: Silicon Microstructures, Inc.								**on This Page:** Revised								8	of 32	
Chemical Location: 1701 McCarthy Blvd., Milpitas, CA								**EPCRA Confidential Location:** No										
								Trade Secret Information? No				**Facility ID#**						
1	2	3	4					5	6			7	8			9		
Haz. Class	Map Code	Common Name	Hazardous Components (for mixtures only) Chemical Name	%Wt	EHS	CAS		Type and State	Quantities Max. Daily	Av. Daily	Size .	Units	Storage Codes Press.	Temp		HazCat		
			Xylene	60		133-20-7		Pure:	1	0.25	0.25	gal	amb	amb		fire		
		Negative Resist	Cyclized Polyisoprene	30		68441-13-4		Mix:X	Curies:	Days on site:	Container					chronic		
		SC-180	Ethyl Benzene	10		100-41-4		Sol:		365	M					health		
								Liq:X										
3	C	**CAS No.**						Gas:										
			Trisodium Phosphate	10		7601-54-9		Pure:										
		OCG 809	Sodium Metasilicate	10		6834-92-0		Mix:X	13	5	1	gal	amb	amb		chronic		
		Developer	Water	80		7732-18-5		Sol:		365						health		
								Liq:X			M							
N/A	C	**CAS No.**						Gas:										
			Ethyl 3-ethoxypropionate 60-80%			763-69-9		Pure:	3	2	2	gal	amb	amb		fire		
			Modified Novolac Resin 1-27%			62655-78-1		Mix:X	Curies:	Days on site:	Container					chronic		
		OCG 825, 35	Polyacrylic Acid 3-6%			25086-15-1		Sol:		365	M					health		
								Liq:X										
3	C	**CAS No.**						Gas:										
			Ethyl 3-ethoxypropionate 60-80%			763-69-9		Pure:	3	2	2	gal	amb	amb		fire		
			Modified Novolac Resin 1-27%			62655-78-1		Mix:X	Curies:	Days on site:	Container					chronic		
		OCG 825, 75	Polyacrylic Acid 3-6%			25086-15-1		Sol:		365	M					health		
								Liq:X										
3	C	**CAS No.**						Gas:										
			Ethyl 3-ethoxypropionate 60-80%			763-69-9		Pure:	3	2	2	gal	amb	amb		fire		
			Modified Novolac Resin 1-27%			62655-78-1		Mix:X	Curies:	Days on site:	Container					chronic		
		OCG 825, 150	Polyacrylic Acid 3-6%			25086-15-1		Sol:		365	M					health		
								Liq:X										
3	C	**CAS No.**						Gas:										
			Sulfuric Acid 13-50%	50		7664-93-9		Pure:	10	1	1	gal	amb	amb		reactive		
			Water	50		7732-18-5		Mix:X	Curies:	Days on site:	Container					acute		
		Sulfuric Acid						Sol:		365	N					health		
								Liq:X										
8	C	**CAS No.**						Gas:										

Code	Storage Type	Code	Storage Type	Code	Storage Type	Code	Storage Type	Code	Storage Type	Code	Storage Type
A	Above Ground Tank	D	Steel Drum	G	Carboy	J	Bag	M	Glass Bottle/Jug	P	Tank Wagon
B	Belowground Tank	E	Plastic/Nonmetal Drum	H	Silo	K	Box	N	Plastic Bottle/Jug	Q	Rail Car
C	Tank Inside Building	F	Can	I	Fiber Drum	L	Cylinder	O	Tote Bin	R	Other

Date: 2/1/2006

Non-Waste Hazardous Materials Inventory Statement

Business Name: Silicon Microstructures, Inc.											**on This Page:** Revised						9	of 32
Chemical Location: 1701 McCarthy Blvd., Milpitas, CA											**EPCRA Confidential Location:** No							
											Trade Secret Information? No			**Facility ID#**				

1	2	3	4				5	6			7	8		9
Haz. Class	Map Code	Common Name	Hazardous Components (for mixtures only) Chemical Name	%Wt	EHS	CAS	Type and State	Quantities Max. Daily	Av. Daily	Size .	Units	Storage Codes Press.	Temp	HazCat
							Pure:X	30	15	1	gal	amb	amb	fire
							Mix:	Curies:	Days on site:	Container				
		Acetone					Sol:		365	N				
	Chem						Liq:X							
3	Stor	CAS No. 967-64-1					Gas:							
			Ammonium Hydroxide	50		1336-21-6	Pure:	24	12	1	gal	amb	amb	acute
		Ammonium	Water	50		7732-18-5	Mix:X	Curies:	Days on site:	Container				health
		Hydroxide					Sol:		365	N				chronic
	Chem						Liq:X							health
8	Stor	CAS No.					Gas:							
			Potassium Borates	15		20786-60-1	Pure:	10	5	1	gal	amb	amb	acute
		AZ 400K	Water	85		7732-18-5	Mix:X	Curies:	Days on site:	Container				health
		Developer					Sol:		365	N				
	Chem						Liq:X							
8	Stor	CAS No.					Gas:							
			2-Ethoxyethyl Acetate	57		111-15-9	Pure:	4	2	1	gal	amb	amb	fire
		AZ 4902	N-Butyl-Acetate	7		123-86-4	Mix:X	Curies:	Days on site:	Container				chronic
		Photoresist	Xylene	7		1330-20-7	Sol:		365	N				health
	Chem		Water	19		7732-18-5	Liq:X							
3	Stor	CAS No.					Gas:							
			Polyester Adipate	2			Pure:	4	2	1	gal	amb	amb	fire
			1-Methyl-2-Propanol Acetate	68		108-65-6	Mix:X	Curies:	Days on site:	Container				
		AZ P150	Cresol Novolak Resin	30		117520-84-0	Sol:		365	N				
	Chem						Liq:X							
3	Stor	CAS No.					Gas:							
			Ammonium Fluoride	68		1225-01-8	Pure:	10	6	1	gal	amb	amb	chronic
		Buffered Oxide	Hydrofluoric Acid	13		7664-39-3	Mix:X	Curies:	Days on site:	Container				health
		Etch (B.O.E.)	Water	19		7732-18-5	Sol:		365	N				
	Chem						Liq:X							
8	Stor	CAS No.					Gas:							

Code	Storage Type	Code	Storage Type	Code	Storage Type	Code	Storage Type	Code	Storage Type	Code	Storage Type
A	Above Ground Tank	D	Steel Drum	G	Carboy	J	Bag	M	Glass Bottle/Jug	P	Tank Wagon
B	Belowground Tank	E	Plastic/Nonmetal Drum	H	Silo	K	Box	N	Plastic Bottle/Jug	Q	Rail Car
C	Tank Inside Building	F	Can	I	Fiber Drum	L	Cylinder	O	Tote Bin	R	Other

Date: 2/1/2006

Non-Waste Hazardous Materials Inventory Statement

Business Name: Silicon Microstructures, Inc. | **on This Page:** Revised | 10 of 32

Chemical Location: 1701 McCarthy Blvd., Milpitas, CA | **EPCRA Confidential Location:** No

Trade Secret Information? No | **Facility ID#**

1	2	3	4				5	6			7	8		9
Haz. Class	Map Code	Common Name	Hazardous Components (for mixtures only) Chemical Name	%Wt	EHS	CAS	Type and State	Quantities Max. Daily	Av. Daily	Size .	Units	Storage Codes Press.	Temp	HazCat
			Phosphoric Acid	73		7664-38-2	Pure:	20	10	1	gal	amb	amb	acute
		Class 10 PAE	Nitric Acid	3		7697-37-2	Mix:X	Curies:	Days on site:	Container				health
		Etchant	Acetic Acid	3		64-19-7	Sol:		365	N				
	Chem		Water	21		7732-18-5	Liq:X							
8	Stor	**CAS No.**					Gas:							
			Acetic Acid	8		64-19-7	Pure:	10	4	1	gal	amb	amb	chronic
		Chrominum	Ceric Ammonium Hirate	22		16774-21-3	Mix:X	Curies:	Days on site:	Container				health
		Etchant, CR 14	Water	70		7732-18-5	Sol:		365	N				
	Chem						Liq:X							
8	Stor	**CAS No.**					Gas:							
			Iodine Complex	3		7553-56-2	Pure:	10	4	1	gal	amb	amb	chronic
			Potassium Iodine	42		7681-11-0	Mix:X	Curies:	Days on site:	Container				health
		Gold Etchant	Water	55		7732-18-5	Sol:		365	M				
	Chem						Liq:X							
8	Stor	**CAS No.**					Gas:							
							Pure:X	10	5	1	gal	amb	amb	fire
		Hexamethyl -					Mix:	Curies:	Days on site:	Container				chronic
		disilazane (HMDS)					Sol:		365	M				health
	Chem						Liq:X							
3	Stor	**CAS No.**999-97-3					Gas:							
			Hydrogen Chloride	37		7647-01-0	Pure:	20	10	1	gal	amb	amb	acute
		Hydrochloric Acid	Water	63		7732-18-5	Mix:X	Curies:	Days on site:	Container				health
		15-37 %					Sol:		365	N				
	Chem						Liq:X							
8	Stor	**CAS No.**					Gas:							
			Hydrogen Fluoride, Anhydrous	<10		7664-39-3	Pure:	20	10	1	gal	amb	amb	acute
		Hydrofluoric Acid	Water	>90		7732-18-5	Mix:X	Curies:	Days on site:	Container				health
		100:1					Sol:		365	N				
	Chem						Liq:X							
8	Stor	**CAS No.**					Gas:							

Code	Storage Type	Code	Storage Type	Code	Storage Type	Code	Storage Type	Code	Storage Type	Code	Storage Type
A	Above Ground Tank	D	Steel Drum	G	Carboy	J	Bag	M	Glass Bottle/Jug	P	Tank Wagon
B	Belowground Tank	E	Plastic/Nonmetal Drum	H	Silo	K	Box	N	Plastic Bottle/Jug	Q	Rail Car
C	Tank Inside Building	F	Can	I	Fiber Drum	L	Cylinder	O	Tote Bin	R	Other

Date: 2/1/2006

Non-Waste Hazardous Materials Inventory Statement

Business Name: Silicon Microstructures, Inc.	**on This Page:** Revised			11	of 32
Chemical Location: 1701 McCarthy Blvd., Milpitas, CA	**EPCRA Confidential Location:** No				
	Trade Secret Information? No	**Facility ID#**			

1	2	3	4				5	6			7	8		9
Haz. Class	Map Code	Common Name	Hazardous Components (for mixtures only) Chemical Name	%Wt	EHS	CAS	Type and State	Quantities Max. Daily	Av. Daily	Size .	Units	Storage Codes Press.	Temp	HazCat
			Hydrogen Fluoride, Anhydrous	<10		7664-39-3	Pure:	20	10	1	gal	amb	amb	acute
		Hydrofluoric Acid 10:1	Water	>90		7732-18-5	Mix:X	Curies:	Days on site:	Container				health
							Sol:		365	N				
	Chem						Liq:X							
8	Stor	CAS No.					Gas:							
			Hydrogen Fluoride, Anhydrous	49		7664-39-3	Pure:	20	10	1				
		Hydrofluoric Acid 49%	Water	51		7732-18-5	Mix:X	Curies:	Days on site:	Container				
							Sol:		365	N				
	Chem						Liq:X							
8	Stor	CAS No.					Gas:							
			Hydrogen Peroxide	35		7722-84-1	Pure:	40	15	1	gal	amb	amb	fire
		Hydrogen Peroxide	Water	65		7732-18-5	Mix:X	Curies:	Days on site:	Container				acute
							Sol:		365	N				health
	Chem						Liq:X							
5.1	Stor	CAS No.					Gas:							
			Cyclopentanone	100		120-92-3	Pure:X	2	1	1	gal	amb	amb	fire
							Mix:	Curies:	Days on site:	Container				
		HTRD					Sol:		365					
	Chem						Liq:X							
3	Stor	CAS No.					Gas:							
			Isopropyl Alcohol	70		67-63-0	Pure:	30	15	1	gal	amb	amb	fire
		Isopropyl Alcohol (IPA)	Water	30		7732-18-5	Mix:X	Curies:	Days on site:	Container				
							Sol:		365	N				
	Chem						Liq:X							
3	Stor	CAS No.					Gas:							
			Heavy Naptha	100		64742-48-9	Pure:X	1	1	1	gal	amb	amb	fire
							Mix:	Curies:	Days on site:	Container				
		Isopar G Fluid					Sol:		365	F				
	Chem						Liq:X							
3	Stor	CAS No.					Gas:							

Code	Storage Type	Code	Storage Type	Code	Storage Type	Code	Storage Type	Code	Storage Type	Code	Storage Type
A	Above Ground Tank	D	Steel Drum	G	Carboy	J	Bag	M	Glass Bottle/Jug	P	Tank Wagon
B	Belowground Tank	E	Plastic/Nonmetal Drum	H	Silo	K	Box	N	Plastic Bottle/Jug	Q	Rail Car
C	Tank Inside Building	F	Can	I	Fiber Drum	L	Cylinder	O	Tote Bin	R	Other

Date: 2/1/2006

Non-Waste Hazardous Materials Inventory Statement

Business Name: Silicon Microstructures, Inc.													**on This Page:** Revised								12	of 32
Chemical Location: 1701 McCarthy Blvd., Milpitas, CA													**EPCRA Confidential Location:** No									
													Trade Secret Information? No						**Facility ID#**			
1	2	3	4					5	6				7	8		9						
Haz. Class	Map Code	Common Name	Hazardous Components (for mixtures only) Chemical Name	%Wt	EHS	CAS		Type and State	Quantities Max. Daily	Quantities Av. Daily	Size .		Units	Storage Codes Press.	Storage Codes Temp	HazCat						
			Xylene	60		1330-20-7		Pure:	5	2	1		gal	amb	amb	fire						
		Negative Resist	Cyclized Polyisoprene	15		68441-13-4		MixX:	Curies:	Days on site:	Container											
		SC-180	Ethyl Benzene	25		100-41-4		Sol:		365	N											
	Chem							Liq:X														
3	Stor	**CAS No.**						Gas:														
			Nitric Acid	86		7697-37-2		Pure:	2	1	1		gal	amb	amb	fire						
			Water	14		7732-18-5		Mix:X	Curies:	Days on site:	Container					acute						
		Nitric Acid						Sol:		365	M					health						
	Chem							Liq:X														
8, 5.1	Stor	**CAS No.**						Gas:														
				100				Pure:X	1	1	1		gal	amb	amb	fire						
								Mix:	Curies:	Days on site:	Container											
		Nopar 12 Fluid						Sol:		365	F											
	Chem							Liq:X														
3	Stor	**CAS No.**						Gas:														
			Trisodium Phosphate	10				Pure:	30	13	1		gal	amb	amb	chronic						
		OCG 809	Sodium Metasilicate	10				Mix:X	Curies:	Days on site:	Container					health						
		Developer	Water	80				Sol:		365	M											
	Chem							Liq:X														
N/A	Stor	**CAS No.**						Gas:														
			Ethyl 3-ethoxypropionate 60-80%			763-69-9		Pure:	10	3	1		gal	amb	amb	fire						
			Modified Novolac Resin 1-27%			62655-78-1		Mix:X	Curies:	Days on site:	Container					chronic						
		OCG 825, 35	Polyacrylic Acid 3-6%			25086-15-1		Sol:		365	M					health						
								Liq:X														
3	C	**CAS No.**						Gas:														
			Ethyl 3-ethoxypropionate 60-80%			763-69-9		Pure:	10	3	1		gal	amb	amb	fire						
			Modified Novolac Resin 1-27%			62655-78-1		Mix:X	Curies:	Days on site:	Container					chronic						
		OCG 825, 75	Polyacrylic Acid 3-6%			25086-15-1		Sol:		365	M					health						
								Liq:X														
3	C	**CAS No.**						Gas:														

Code	Storage Type	Code	Storage Type	Code	Storage Type	Code	Storage Type	Code	Storage Type	Code	Storage Type
A	Above Ground Tank	D	Steel Drum	G	Carboy	J	Bag	M	Glass Bottle/Jug	P	Tank Wagon
B	Belowground Tank	E	Plastic/Nonmetal Drum	H	Silo	K	Box	N	Plastic Bottle/Jug	Q	Rail Car
C	Tank Inside Building	F	Can	I	Fiber Drum	L	Cylinder	O	Tote Bin	R	Other

Date: 2/1/2006

Non-Waste Hazardous Materials Inventory Statement

Business Name: Silicon Microstructures, Inc.													**on This Page:** Revised						13	of 32
Chemical Location: 1701 McCarthy Blvd., Milpitas, CA													**EPCRA Confidential Location:** No							
													Trade Secret Information? No				**Facility ID#**			
1	2	3	4					5	6			7	8		9					
Haz. Class	Map Code	Common Name	Hazardous Components (for mixtures only) Chemical Name	%Wt	EHS	CAS	Type and State	Quantities Max. Daily	Av. Daily	Size .	Units	Storage Codes Press.	Temp	HazCat						
			Ethyl 3-ethoxypropionate 60-80%			763-69-9	Pure:	10	3	1	gal	amb	amb	fire						
			Modified Novolac Resin 1-27%			62655-78-1	Mix:X	Curies:	Days on site:	Container				chronic						
		OCG 825, 150	Polyacrylic Acid 3-6%			25086-15-1	Sol:		365	M				health						
							Liq:X													
3	C	**CAS No.**					Gas:													
			N-Butyl-Acetate	100		123-86-4	Pure:X	10	5	1	gal	amb	amb	fire						
		OCG Resin Rinse					Mix:	Curies:	Days on site:	Container										
		1					Sol:		365	N										
	Chem						Liq:X													
3	Stor	**CAS No.**					Gas:													
			Acetic Acid	35		64-19-7	Pure:	4	2	1	gal	amb	amb	acute						
			Ammonium Fluoride	16		12125-01-8	Mix:X	Curies:	Days on site:	Container				health						
		Pad Etch	Water	49		7732-18-5	Sol:		365	N										
	Chem						Liq:X													
8	Stor	**CAS No.**					Gas:													
			Phosphoric Acid	>80		7664-38-2	Pure:	10	5	1	gal	amb	amb	acute						
			Water	<20		7732-18-5	Mix:X	Curies:	Days on site:	Container				health						
		Phosphoric Acid					Sol:		365	N										
	Chem						Liq:X													
8	Stor	**CAS No.**					Gas:													
			1-Methyl-2-Pyrolidone	60		872-50-4	Pure:	20	6	1	gal	amb	amb	chronic						
		Positive Resist	Thiophene, Tetrahydro-,1,1-dioxic	30		126-33-0	Mix:X	Curies:	Days on site:	Container				health						
		Striper 3000	2-Propanol, 1-Amino-	10		78-96-6	Sol:		365	M										
	Chem						Liq:X													
N/A	Stor	**CAS No.**					Gas:													
			Potassium Hydroxide	45		1310-58-3	Pure:	60	30	1	gal	amb	amb	acute						
			Water	55		7732-18-5	Mix:X	Curies:	Days on site:	Container				health						
		Potassium Hydroxide					Sol:		365	N										
	Chem						Liq:X													
8	Stor	**CAS No.**					Gas:													

Code	Storage Type	Code	Storage Type	Code	Storage Type	Code	Storage Type	Code	Storage Type	Code	Storage Type
A	Above Ground Tank	D	Steel Drum	G	Carboy	J	Bag	M	Glass Bottle/Jug	P	Tank Wagon
B	Belowground Tank	E	Plastic/Nonmetal Drum	H	Silo	K	Box	N	Plastic Bottle/Jug	Q	Rail Car
C	Tank Inside Building	F	Can	I	Fiber Drum	L	Cylinder	O	Tote Bin	R	Other

Date: 2/1/2006

Non-Waste Hazardous Materials Inventory Statement

Business Name: Silicon Microstructures, Inc.												**on This Page:** Revised					14	of 32
Chemical Location: 1701 McCarthy Blvd., Milpitas, CA									**EPCRA Confidential Location:** No									
									Trade Secret Information? No			**Facility ID#**						
1	2	3	4					5	6			7	8		9			
Haz. Class	Map Code	Common Name	Hazardous Components (for mixtures only) Chemical Name	%Wt	EHS	CAS		Type and State	Quantities Max. Daily	Av. Daily	Size .	Units	Storage Codes Press.	Temp	HazCat			
			Ethyl Lactate	60		97-64-3		Pure:	20	10	1	gal	amb	amb	fire			
			Pentanone	40		107-87-9		Mix:X	Curies:	Days on site:	Container							
		RER 550						Sol:		365	N							
	Chem							Liq:X										
3	Stor	**CAS No.**						Gas:										
			2-propanol,1-methoxy-,acetate	99.5		108-65-6		Pure:	10	5	1	gal	amb	amb	fire			
			2-methoxy-1-propanol acetate	0.5		70657-70-4		Mix:X	Curies:	Days on site:	Container				chronic			
		RER 600						Sol:		365	N				health			
	Chem							Liq:X										
3	Stor	**CAS No.**						Gas:										
			Tetramethylmmonium Hydroxide	10		75-59-2		Pure:	15	10	1	gal	amb	amb	acute			
		Resist Developer	Water	90		7732-18-5		Mix:X	Curies:	Days on site:	Container				health			
		RD 6						Sol:		365	N							
	Chem							Liq:X										
8	Stor	**CAS No.**						Gas:										
			Sulfuric Acid	50		7664-93-9		Pure:	30	15	1	gal	amb	amb	acute			
			Water	50		7732-18-5		Mix:X	Curies:	Days on site:	Container				health			
		Sulfuric Acid						Sol:		365	N							
	Chem							Liq:X										
8	Stor	**CAS No.**						Gas:										
			Benzene Dimethyl	65		1330-20-7		Pure:	4	2	1	gal	amb	amb	fire			
			Cyclized Polyisoprene	20		68441-13-4		Mix:X	Curies:	Days on site:	Container							
		SC 180 Resist	Benzene Ethyl	15		100-41-4		Sol:		365	N							
	Chem							Liq:X										
3	Stor	**CAS No.**						Gas:										
			1,1,1-Trichloroethane	100				Pure:X	4	2	1	gal	amb	amb	chronic			
								Mix:	Curies:	Days on site:	Container				health			
		TCA						Sol:		365	M							
	Chem							Liq:X										
N/A	Stor	**CAS No.**						Gas:										

Code	Storage Type	Code	Storage Type	Code	Storage Type	Code	Storage Type	Code	Storage Type	Code	Storage Type
A	Above Ground Tank	D	Steel Drum	G	Carboy	J	Bag	M	Glass Bottle/Jug	P	Tank Wagon
B	Belowground Tank	E	Plastic/Nonmetal Drum	H	Silo	K	Box	N	Plastic Bottle/Jug	Q	Rail Car
C	Tank Inside Building	F	Can	I	Fiber Drum	L	Cylinder	O	Tote Bin	R	Other

Date: 2/1/2006

Non-Waste Hazardous Materials Inventory Statement

Business Name: Silicon Microstructures, Inc.											**on This Page:** Revised						15	of 32
Chemical Location: 1701 McCarthy Blvd., Milpitas, CA									**EPCRA Confidential Location:** No									
									Trade Secret Information? No				**Facility ID#**					

1	2	3	4				5	6			7	8		9
Haz. Class	**Map Code**	**Common Name**	**Hazardous Components (for mixtures only)** **Chemical Name**	**%Wt**	**EHS**	**CAS**	**Type and State**	**Quantities** **Max. Daily**	**Av. Daily**	**Size .**	**Units**	**Storage Codes** **Press.**	**Temp**	**HazCat**
			Naptha	100		64742-48-9	Pure:X	20	10	1	gal	amb	amb	chronic
		WNRD Negative Resist Developer					Mix:	Curies:	Days on site:	Container				health
							Sol:		365	N				
	Chem Stor						Liq:X							
3		**CAS No.**					Gas:							
							Pure:							
							Mix:	Curies:	Days on site:	Container				
							Sol:		365					
							Liq:							
		CAS No.					Gas:							
							Pure:							
							Mix:	Curies:	Days on site:	Container				
							Sol:		365					
							Liq:							
		CAS No.					Gas:							
							Pure:							
							Mix:	Curies:	Days on site:	Container				
							Sol:		365					
							Liq:							
		CAS No.					Gas:							
							Pure:							
							Mix:	Curies:	Days on site:	Container				
							Sol:		365					
							Liq:							
		CAS No.					Gas:							
							Pure:							
							Mix:	Curies:	Days on site:	Container				
							Sol:		365					
							Liq:							
		CAS No.					Gas:							

Code	**Storage Type**	**Code**	**Storage Type**	**Code**	**Storage Type**	**Code**	**Storage Type**	**Code**	**Storage Type**	**Code**	**Storage Type**
A	Above Ground Tank	D	Steel Drum	G	Carboy	J	Bag	M	Glass Bottle/Jug	P	Tank Wagon
B	Belowground Tank	E	Plastic/Nonmetal Drum	H	Silo	K	Box	N	Plastic Bottle/Jug	Q	Rail Car
C	Tank Inside Building	F	Can	I	Fiber Drum	L	Cylinder	O	Tote Bin	R	Other

Date: 2/1/2006

Non-Waste Hazardous Materials Inventory Statement

Business Name: Silicon Microstructures, Inc.								**on This Page:** Revised								16	of 32	
Chemical Location: 1701 McCarthy Blvd., Milpitas, CA								**EPCRA Confidential Location:** No										
								Trade Secret Information? No				**Facility ID#**						
1	2	3	4					5	6			7	8			9		
Haz. Class	Map Code	Common Name	Hazardous Components (for mixtures only) Chemical Name	%Wt	EHS	CAS		Type and State	Quantities Max. Daily	Av. Daily	Size .	Units	Storage Codes Press.	Temp		HazCat		
			Acetone	100				Pure:X	2	1	1	gal	amb	amb		fire		
								Mix:	Curies:	Days on site:	Container							
		Acetone						Sol:		365	N							
								Liq:X										
3	D	CAS No.67-64-4						Gas:										
			Phosphoric Acid	73		7664-38-2		Pure:	2	2	1							
			Nitric Acid	3		7697-37-2		Mix: X	Curies:	Days on site:	Container	gal	amb	amb		acute		
		Aluminum Etch	Acetic Acid	3		64-19-7		Sol:		365	N					health		
			Water	21		7732-18-5		Liq: X										
8	D	CAS No.						Gas:										
			Ammonium Hydroxide 28-50%	50		1336-21-6		Pure:	2	2	1	gal	amb	amb		acute		
		Ammonium	Water	50		7732-18-5		Mix: x	Curies:	Days on site:	Container					health		
		Hydroxide						Sol:		365	N							
								Liq: x										
8	D	CAS No.						Gas:										
								Pure: X	990	990	330	cuft	>amb	amb		pressure		
								Mix:	Curies:	Days on site:	Container					release		
		Argon						Sol:		365	L							
		CAS No. 7440-37-						Liq:										
2.2	D	1						Gas: X										
			Iodine Complex	3		7553-56-2		Pure:	8	1	1	gal	amb	amb		acute		
			Potassium Iodine	42		7681-11-0		Mix: X	Curies:	Days on site:	Container					health		
		Gold Etchant	Water	55		7732-18-5		Sol:		365	M							
								Liq: X										
8	D	CAS No.						Gas:										
			Helium	10		7440-59-7		Pure:	218	218	218	cuft	>amb	amb		pressure		
		Helium	Trifluoromethane	90		75-46-7		Mix: X	Curies:	Days on site:	Container					release		
		Trifluoromethane						Sol:		365	L							
								Liq:										
2.2	D	CAS No.						Gas: X										

Code	Storage Type	Code	Storage Type	Code	Storage Type	Code	Storage Type	Code	Storage Type	Code	Storage Type
A	Above Ground Tank	D	Steel Drum	G	Carboy	J	Bag	M	Glass Bottle/Jug	P	Tank Wagon
B	Belowground Tank	E	Plastic/Nonmetal Drum	H	Silo	K	Box	N	Plastic Bottle/Jug	Q	Rail Car
C	Tank Inside Building	F	Can	I	Fiber Drum	L	Cylinder	O	Tote Bin	R	Other

Date: 2/1/2006

Non-Waste Hazardous Materials Inventory Statement

Business Name: Silicon Microstructures, Inc.													**on This Page:** Revised						18	of 32
Chemical Location: 1701 McCarthy Blvd., Milpitas, CA													**EPCRA Confidential Location:** No							
													Trade Secret Information? No				**Facility ID#**			
1	2	3	4					5	6			7	8		9					
Haz. Class	**Map Code**	**Common Name**	**Hazardous Components (for mixtures only) Chemical Name**	**%Wt**	**EHS**	**CAS**		**Type and State**	**Quantities Max. Daily**	**Av. Daily**	**Size .**	**Units**	**Storage Codes Press.**	**Temp**	**HazCat**					
								Pure: X	524	524	262	cuft	>amb	amb	pressure					
								Mix:	Curies:	Days on site:	Container				release					
		Oxygen						Sol:		365	L				fire					
		CAS No. 7782-44-						Liq:												
2.2	D	7						Gas: X												
			Oxygen	2		7782-44-7		Pure:	524	524	262	cuft	>amb	amb	pressure					
			Argon	98		7440-37-1		Mix:	Curies:	Days on site:	Container				release					
		Oxygen/Argon						Sol:		365	L									
								Liq:												
2.2	D	**CAS No.**						Gas:												
			1-Methyl-2-Pyrolidone	60		872-50-4		Pure:	30	6	1	gal	amb	amb	chronic					
			Thiophene, Tetrahydro-,1,1-dioxid	35		126-33-0		Mix: X	Curies:	Days on site:	Container				health					
		Positive Resist	2-Propanol, 1-Amino-	5		78-96-6		Sol:		365	N									
		Striper 3000						Liq: X												
N/A	D	**CAS No.**						Gas:												
			Potassium Hydroxide	45		1310-58-3		Pure:	8	1	1	gal	amb	amb	acute					
			Water	55		7732-18-5		Mix: X	Curies:	Days on site:	Container				health					
		Potassium Hydroxide						Sol:		365	N									
								Liq: X												
8	D	**CAS No.**						Gas:												
			Sulfuric Acid	50		7664-93-9		Pure:	10	2	1	gal	amb	amb	acute					
			Water	50		7732-18-5		Mix: X	Curies:	Days on site:	Container				health					
		Sulfuric Acid						Sol:		365	N									
								Liq: X												
8	D	**CAS No.**						Gas:												
								Pure: X	524	524	262	cuft	>amb	amb	pressure					
		Sulphur Hexafluoride						Mix:	Curies:	Days on site:	Container				release					
								Sol:		365	L									
		CAS No. 2551-62-						Liq:												
2.2	D	4						Gas: X												

Code	**Storage Type**	**Code**	**Storage Type**	**Code**	**Storage Type**	**Code**	**Storage Type**	**Code**	**Storage Type**	**Code**	**Storage Type**
A	Above Ground Tank	D	Steel Drum	G	Carboy	J	Bag	M	Glass Bottle/Jug	P	Tank Wagon
B	Belowground Tank	E	Plastic/Nonmetal Drum	H	Silo	K	Box	N	Plastic Bottle/Jug	Q	Rail Car
C	Tank Inside Building	F	Can	I	Fiber Drum	L	Cylinder	O	Tote Bin	R	Other

Date: 2. ./2006

Non-Waste Hazardous Materials Inventory Statement

Business Name: Silicon Microstructures, Inc. | **on This Page:** Revised | 17 | of 32

Chemical Location: 1701 McCarthy Blvd., Milpitas, CA | **EPCRA Confidential Location:** No

Trade Secret Information? No | **Facility ID#**

1	2	3	4				5	6			7	8		9
Haz. Class	Map Code	Common Name	Hazardous Components (for mixtures only) Chemical Name	%Wt	EHS	CAS	Type and State	Quantities Max. Daily	Av. Daily	Size .	Units	Storage Codes Press.	Temp	HazCat
			Hydrochloric Acid	37		7647-01-0	Pure:	10	4	1	gal	amb	amb	acute
			Water	63		7732-18-5	Mix: X	Curies:	Days on site:	Container				health
		Hydrochloric Acid					Sol:		365	N				
							Liq: X							
8	D	CAS No.					Gas:							
			Hydrogen Fluoride, Anhydrous	<10		7664-39-3	Pure:	3	1	1	gal	amb	amb	acute
		Hydrofluoric Acid 100:1	Water	>90		7732-18-5	Mix: X	Curies:	Days on site:	Container				health
							Sol:		365	N				
							Liq: X							
8	D	CAS No.					Gas:							
			Hydrogen Fluoride, Anhydrous	>10		7664-39-3	Pure:	12	1	1	gal	amb	amb	acute
		Hydrofluoric Acid 10:1	Water	<10		7332-18-5	Mix: X	Curies:	Days on site:	Container				health
							Sol:		365	N				
							Liq: X							
8	D	CAS No.					Gas:							
			Hydrogen Fluoride, Anhydrous	49		7664-39-3	Pure:	8	3	1	gal	amb	amb	acute
		Hydrofluoric Acid 49%	Water	51		7332-18-5	Mix: X	Curies:	Days on site:	Container				health
							Sol:		365	N				
							Liq: X							
8	D	CAS No.					Gas:							
			Hydrogen Peroxide	35		7720-84-1	Pure:	1	1	1	gal	amb	amb	acute
		Hydrogen Peroxide	Water	65		7332-18-5	Mix: X	Curies:	Days on site:	Container				health
							Sol:		365	N				fire
							Liq: X							
8	D	CAS No.					Gas:							
			Isopropyl Alcohol	70		67-63-0	Pure:	5	2	1	gal	amb	amb	fire
			Water	30		7332-18-5	Mix: X	Curies:	Days on site:	Container				
		Isopropyl Alcohol					Sol:		365	N				
							Liq: X							
3	D	CAS No.					Gas:							

Code	Storage Type	Code	Storage Type	Code	Storage Type	Code	Storage Type	Code	Storage Type	Code	Storage Type
A	Above Ground Tank	D	Steel Drum	G	Carboy	J	Bag	M	Glass Bottle/Jug	P	Tank Wagon
B	Belowground Tank	E	Plastic/Nonmetal Drum	H	Silo	K	Box	N	Plastic Bottle/Jug	Q	Rail Car
C	Tank Inside Building	F	Can	I	Fiber Drum	L	Cylinder	O	Tote Bin	R	Other

Date: 2/1/2006

Non-Waste Hazardous Materials Inventory Statement

Business Name: Silicon Microstructures, Inc.												**on This Page:** Revised						20	of 32
Chemical Location: 1701 McCarthy Blvd., Milpitas, CA									**EPCRA Confidential Location:** No										
									Trade Secret Information? No			**Facility ID#**							
1	2	3	4					5	6			7	8		9				
Haz. Class	Map Code	Common Name	Hazardous Components (for mixtures only) Chemical Name	%Wt	EHS	CAS		Type and State	Quantities Max. Daily	Av. Daily	Size .	Units	Storage Codes Press.	Temp	HazCat				
								Pure: X	681	500	681	cuft	>amb	amb	pressure				
		Ammonia,						Mix:	Curies:	Days on site:	Container				relese				
		Anhydrous						Sol:		365	L				acute				
		CAS No. 7664-41-						Liq:							health				
2.3	H	7						Gas: X											
								Pure: X	245	245	245	cuft	>amb	amb	pressure				
								Mix:	Curies:	Days on site:	Container				release				
		Dichlorosilane						Sol:		365	L				fire				
		CAS No.4109-96-						Liq:							acute				
2.3	H	0						Gas: X							health				
								Pure: X	990	660	330	cuft	>amb	amb	pressure				
								Mix:	Curies:	Days on site:	Container				release				
		Nitrogen						Sol:		365	L								
		CAS No. 7727-37-						Liq:											
2.2	H	9						Gas: X											
			Silane	75		7803-62-5		Pure:	330	330	330	cuft	>amb	amb	fire				
			Phosphine	25		7803-51-2		Mix: X	Curies:	Days on site:	Container				pressure				
		Phosphine/Silane						Sol:		365	L				release				
								Liq:							acute				
2.3	H	**CAS No.**						Gas: X							health				
								Pure: X	230	230	230	cuft	>amb	amb	pressure				
								Mix:	Curies:	Days on site:	Container				relese				
		Nitrous Oxide						Sol:		365	L				fire				
		CAS No. 10024-						Liq:											
2.2, 5.1	H	97-2						Gas: X											
								Pure: X	198	132	66	gal	>amb	cryo	pressure				
		Oxygen, cryogenic						Mix:	Curies:	Days on site:	Container				fire				
		liquid						Sol:		365	L				reactive				
		CAS No. 7782-44-						Liq: X							acute				
5.1	H	7						Gas:							health				

Code	Storage Type	Code	Storage Type	Code	Storage Type	Code	Storage Type	Code	Storage Type	Code	Storage Type
A	Above Ground Tank	D	Steel Drum	G	Carboy	J	Bag	M	Glass Bottle/Jug	P	Tank Wagon
B	Belowground Tank	E	Plastic/Nonmetal Drum	H	Silo	K	Box	N	Plastic Bottle/Jug	Q	Rail Car
C	Tank Inside Building	F	Can	I	Fiber Drum	L	Cylinder	O	Tote Bin	R	Other

Date: 2/1/2006

Non-Waste Hazardous Materials Inventory Statement

Business Name: Silicon Microstructures, Inc. **on This Page:** Revised 19 of 32

Chemical Location: 1701 McCarthy Blvd., Milpitas, CA **EPCRA Confidential Location:** No

Trade Secret Information? No **Facility ID#**

1	2	3	4				5	6			7	8		9
Haz. Class	Map Code	Common Name	Hazardous Components (for mixtures only) Chemical Name	%Wt	EHS	CAS	Type and State	Quantities Max. Daily	Av. Daily	Size .	Units	Storage Codes Press.	Temp	HazCat
							Pure:	262	262	262	cuft	>amb	amb	pressure
		Tetrafluoromethan					Mix:	Curies:	Days on site:	Container				release
		e					Sol:		365	L				
							Liq:							
2.2	D	CAS No. 75-73-0					Gas:							
							Pure:							
							Mix:	Curies:	Days on site:	Container				
							Sol:		365					
							Liq:							
		CAS No.					Gas:							
							Pure:							
							Mix:	Curies:	Days on site:	Container				
							Sol:		365					
							Liq:							
		CAS No.					Gas:							
							Pure: X	15	3	1	gal	amb	amb	fire
							Mix:	Curies:	Days on site:	Container				
		Acetone					Sol:		365	N				
							Liq: X							
3	E	CAS No. 67-64-1					Gas:							
							Pure: X	660	660	330	cuft	>amb	amb	pressure
							Mix:	Curies:	Days on site:	Container				release
		Argon					Sol:		365	L				
		CAS No. 7440-37-					Liq:							
2.2	E	1					Gas: X							
			Isopropyl Alcohol	70		67-63-0	Pure:	2	1	1	gal	amb	amb	fire
			Water	30		7732-18-5	Mix: X	Curies:	Days on site:	Container				
		Isopropyl Alcohol					Sol:		365	N				
							Liq:							
3	E,F,G	CAS No.					Gas: X							

Code	Storage Type	Code	Storage Type	Code	Storage Type	Code	Storage Type	Code	Storage Type	Code	Storage Type
A	Above Ground Tank	D	Steel Drum	G	Carboy	J	Bag	M	Glass Bottle/Jug	P	Tank Wagon
B	Belowground Tank	E	Plastic/Nonmetal Drum	H	Silo	K	Box	N	Plastic Bottle/Jug	Q	Rail Car
C	Tank Inside Building	F	Can	I	Fiber Drum	L	Cylinder	O	Tote Bin	R	Other

Date: 2/1/2006

Non-Waste Hazardous Materials Inventory Statement

Business Name: Silicon Microstructures, Inc.												**on This Page:** Revised						20	of 32
Chemical Location: 1701 McCarthy Blvd., Milpitas, CA												**EPCRA Confidential Location:** No							
												Trade Secret Information? No			**Facility ID#**				
1	2	3	4						5	6			7	8			9		
Haz. Class	Map Code	Common Name	Hazardous Components (for mixtures only) Chemical Name	%Wt	EHS	CAS			Type and State	Quantities Max. Daily	Av. Daily	Size .	Units	Storage Codes Press.	Temp		HazCat		
									Pure: X	681	500	681	cuft	>amb	amb		pressure		
		Ammonia, Anhydrous							Mix:	Curies:	Days on site:	Container					relese		
		CAS No. 7664-41-7							Sol:		365	L					acute		
2.3	H								Liq:								health		
									Gas: X										
									Pure: X	245	245	245	cuft	>amb	amb		pressure		
									Mix:	Curies:	Days on site:	Container					release		
		Dichlorosilane							Sol:		365	L					fire		
		CAS No.4109-96-0							Liq:								acute		
2.3	H								Gas: X								health		
									Pure: X	990	660	330	cuft	>amb	amb		pressure		
									Mix:	Curies:	Days on site:	Container					release		
		Nitrogen							Sol:		365	L							
		CAS No. 7727-37-9							Liq:										
2.2	H								Gas: X										
			Silane	75		7803-62-5			Pure:	330	330	330	cuft	>amb	amb		fire		
			Phosphine	25		7803-51-2			Mix: X	Curies:	Days on site:	Container					pressure		
		Phosphine/Silane							Sol:		365	L					release		
									Liq:								acute		
2.3	H	**CAS No.**							Gas: X								health		
									Pure: X	230	230	230	cuft	>amb	amb		pressure		
									Mix:	Curies:	Days on site:	Container					relese		
		Nitrous Oxide							Sol:		365	L					fire		
		CAS No. 10024-97-2							Liq:										
2.2, 5.1	H								Gas: X										
									Pure: X	198	132	66	gal	>amb	cryo		pressure		
		Oxygen, cryogenic liquid							Mix:	Curies:	Days on site:	Container					fire		
									Sol:		365	L					reactive		
		CAS No. 7782-44-7							Liq: X								acute		
5.1	H								Gas:								health		

Code	Storage Type	Code	Storage Type	Code	Storage Type	Code	Storage Type	Code	Storage Type	Code	Storage Type
A	Above Ground Tank	D	Steel Drum	G	Carboy	J	Bag	M	Glass Bottle/Jug	P	Tank Wagon
B	Belowground Tank	E	Plastic/Nonmetal Drum	H	Silo	K	Box	N	Plastic Bottle/Jug	Q	Rail Car
C	Tank Inside Building	F	Can	I	Fiber Drum	L	Cylinder	O	Tote Bin	R	Other

Date: 2/1/2006

Non-Waste Hazardous Materials Inventory Statement

Business Name: Silicon Microstructures, Inc.												**on This Page:** Revised						22	of 32
Chemical Location: 1701 McCarthy Blvd., Milpitas, CA												**EPCRA Confidential Location:** No							
												Trade Secret Information? No			**Facility ID#**				
1	2	3	4						5	6				7	8		9		
Haz. Class	**Map Code**	**Common Name**	**Hazardous Components (for mixtures only) Chemical Name**	**%Wt**	**EHS**	**CAS**			**Type and State**	**Quantities Max. Daily**	**Av. Daily**	**Size .**		**Units**	**Storage Codes Press.**	**Temp**	**HazCat**		
									Pure: X	4716	3144	262		cuft	>amb	amb	fire		
									Mix:	Curies:	Days on site:	Container					pressure		
		Hydrogen 6-pack							Sol:		365	L					release		
		CAS No. 1333-74-0							Liq:										
2.1	J								Gas: X										
									Pure: X	1048	524	262		cuft	>amb	amb	pressure		
		Sulphur Hexafluoride							Mix:	Curies:	Days on site:	Container					release		
		CAS No. 2551-62-4							Sol:		365	L							
2.2	J								Liq:										
									Gas: X										
									Pure: X	262	262	262		cuft	>amb	amb	pressure		
		Octafluorocyclobutane							Mix:	Curies:	Days on site:	Container					release		
									Sol:		365	L							
		CAS No. 115-25-3							Liq:										
2.2	J								Gas: X										
									Pure: X	262	262	262		cuft	>amb	amb	pressure		
		Hexafluoroethane							Mix:	Curies:	Days on site:	Container					release		
		CAS No. 76-16-4							Sol:		365	L							
2.2	J								Liq:										
									Gas: X										
									Pure: X	1310	786	262		cuft	>amb	amb	pressure		
		Nitrogen							Mix:	Curies:	Days on site:	Container					release		
		CAS No. 7727-37-9							Sol:		365	L							
2.2	J								Liq:										
									Gas: X										
			Oxygen	8		7782-44-7			Pure:	262	262	262		cuft	>amb	amb	pressure		
		Oxygen/Tetrafluoromethane	Tetrafluoromethane	92		75-73-0			Mix: X	Curies:	Days on site:	Container					release		
									Sol:		365	L							
		CAS No.							Liq:										
2.2	J								Gas: X										

Code	**Storage Type**	**Code**	**Storage Type**	**Code**	**Storage Type**	**Code**	**Storage Type**	**Code**	**Storage Type**	**Code**	**Storage Type**
A	Above Ground Tank	D	Steel Drum	G	Carboy	J	Bag	M	Glass Bottle/Jug	P	Tank Wagon
B	Belowground Tank	E	Plastic/Nonmetal Drum	H	Silo	K	Box	N	Plastic Bottle/Jug	Q	Rail Car
C	Tank Inside Building	F	Can	I	Fiber Drum	L	Cylinder	O	Tote Bin	R	Other

Date: 2/1/2006

Non-Waste Hazardous Materials Inventory Statement

Business Name: Silicon Microstructures, Inc.	**on This Page:** Revised			21	of 32
Chemical Location: 1701 McCarthy Blvd., Milpitas, CA	**EPCRA Confidential Location:** No				
	Trade Secret Information? No	**Facility ID#**			

1	2	3	4				5	6			7	8		9
Haz. Class	Map Code	Common Name	Hazardous Components (for mixtures only) Chemical Name	%Wt	EHS	CAS	Type and State	Quantities Max. Daily	Av. Daily	Size .	Units	Storage Codes Press.	Temp	HazCat
							Pure:	175	100	175	gal	amb	amb	fire
							Mix: X	Curies:	Days on site:	Container				
		Diesel					Sol:		365	A				
							Liq: X							
3	H	CAS No.					Gas:							
							Pure: X	266	113	113	cuft	>amb	amb	fire
							Mix:	Curies:	Days on site:	Container				pressure
		Silane					Sol:		365	L				release
		CAS No. 7803-62-					Liq:							
2.1	H	5					Gas: X							
	H		Sodium Hydroxide	45		1310-73-2	Pure:	1000	500	1000	gal	amb	amb	acute
	Acid		Water	55		7732-18-5	Mix: X	Curies:	Days on site:	Container				health
	Waste	Sodium Hydroxide					Sol:		365	A				
	Treatm						Liq: X							
8	ent	CAS No.					Gas:							
	H		Sulfuric Acid	37		7664-93-9	Pure:	500	250	500	gal	amb	amb	acute
	Acid		Water	63		7732-18-5	Mix: X	Curies:	Days on site:	Container				health
	Waste	Sulfuric Acid					Sol:		365	A				
	Treatm						Liq: X							
8	ent	CAS No.					Gas:							
							Pure:							
							Mix:	Curies:	Days on site:	Container				
							Sol:		365					
							Liq:							
		CAS No.					Gas:							
							Pure:							
							Mix:	Curies:	Days on site:	Container				
							Sol:		365					
							Liq:							
		CAS No.					Gas:							

Code	Storage Type	Code	Storage Type	Code	Storage Type	Code	Storage Type	Code	Storage Type	Code	Storage Type
A	Above Ground Tank	D	Steel Drum	G	Carboy	J	Bag	M	Glass Bottle/Jug	P	Tank Wagon
B	Belowground Tank	E	Plastic/Nonmetal Drum	H	Silo	K	Box	N	Plastic Bottle/Jug	Q	Rail Car
C	Tank Inside Building	F	Can	I	Fiber Drum	L	Cylinder	O	Tote Bin	R	Other

Date: 2/1/2006

Non-Waste Hazardous Materials Inventory Statement

Business Name: Silicon Microstructures, Inc.											**on This Page:** Revised						23	of 32
Chemical Location: 1701 McCarthy Blvd., Milpitas, CA									**EPCRA Confidential Location:** No									
									Trade Secret Information? No				**Facility ID#**					

1	2	3	4				5	6			7	8		9
Haz. Class	**Map Code**	**Common Name**	**Hazardous Components (for mixtures only) Chemical Name**	**%Wt**	**EHS**	**CAS**	**Type and State**	**Quantities Max. Daily**	**Av. Daily**	**Size .**	**Units**	**Storage Codes Press.**	**Temp**	**HazCat**
							Pure: X	786	524	262	cuft	>amb	amb	pressure
							Mix:	Curies:	Days on site:	Container				release
		Carbon Dioxide					Sol:		365	L				
							Liq:							
2.2	J	**CAS No.** 124-38-9					Gas: X							
			Oxygen	4		7782-44-7	Pure:	524	524	262	cuft	>amb	amb	pressure
			Argon	96		7440-37-1	Mix: X	Curies:	Days on site:	Container				release
		Oxygen/Argon					Sol:		365	L				
							Liq:							
2.2	J	**CAS No.**					Gas: X							
							Pure: X	262	262	262	cuft	>amb	amb	pressure
							Mix:	Curies:	Days on site:	Container				release
		Nitrous Oxide					Sol:		365	L				fire
		CAS No. 10024-					Liq:							
2.2,5.1	J	97-2					Gas: X							
							Pure: X	524	262	262	cuft	>amb	amb	pressure
							Mix:	Curies:	Days on site:	Container				release
		Argon					Sol:		365	L				
		CAS No. 7440-37-					Liq:							
2.2	J	1					Gas: X							
							Pure: X	262	262	262	cuft	>amb	amb	fire
							Mix:	Curies:	Days on site:	Container				pressure
		Oxygen					Sol:		365	L				release
		CAS No. 7782-44-					Liq:							
2.2,5.1	J	7					Gas: X							
							Pure: X	262	262	262	cuft	>amb	amb	pressure
							Mix:	Curies:	Days on site:	Container				release
		Helium					Sol:		365	L				
		CAS No. 7440-59-					Liq:							
2.2	J	7					Gas: X							

Code	**Storage Type**	**Code**	**Storage Type**	**Code**	**Storage Type**	**Code**	**Storage Type**	**Code**	**Storage Type**	**Code**	**Storage Type**
A	Above Ground Tank	D	Steel Drum	G	Carboy	J	Bag	M	Glass Bottle/Jug	P	Tank Wagon
B	Belowground Tank	E	Plastic/Nonmetal Drum	H	Silo	K	Box	N	Plastic Bottle/Jug	Q	Rail Car
C	Tank Inside Building	F	Can	I	Fiber Drum	L	Cylinder	O	Tote Bin	R	Other

Date: 02/01/06

Hazardous Waste Inventory Statement

For use by Unidocs Member Agencies or where approved by your Local Jurisdiction

Business Name: Silicon Microstructures, Inc
(Same as Facility Name or DBA)

Type of Report on This Page: ☐ Add; ☐ Delete; ☒ Revise

Chemical Location: 1701 McCarthy Blvd, Milpitas, CA
(Building/Storage Area)

EPCRA Confidential Location? ☐ Yes; ☒ No
Trade Secret Information? ☐ Yes; ☒ No

Facility ID # (Agency Use Only)

1. Haz. Class	2. Map and Grid or Location Code	3. Waste Stream Name	4. Hazardous Components: Chemical Name	% Wt.	EHS	CAS No.	5. Type and Physical State	6. Quantities: Max. Daily	Average Daily	Largest Cont.	7. Annual Waste Amount	8. Units	9. Storage Codes: Storage Pressure	Storage Temp.	10. Hazard Categories
8	H	Acid Waste Neutralization	Various corrosives		☐		☒ waste	500	250	500		☒ gallons ☐ pounds ☐ cu. feet ☐ tons	☒ ambient ☐ > amb. ☐ < amb.	☒ ambient ☐ > amb ☐ < amb ☐ cryogenic	☐ fire ☐ reactive ☐ pressure ☒ acute he ☐ chronic heath ☐ radioactive
		Management Method: ☐ Shipped Off-site ☐ Recycled On-site ☒ Treated On-site			☐		☐ solid ☒ liquid ☐ gas	Curies: (If radioactive)	Days On Site: 365	Storage Container:* B	State Waste Code:				
8	H	Waste Hydrofluoric Acid	Hydrofluoric Acid	<49	☐	7664-39-3	☒ waste	500	250	500	2000	☒ gallons ☐ pounds ☐ cu. feet ☐ tons	☒ ambient ☐ > amb ☐ < amb	☒ ambient ☐ > amb ☐ < amb ☐ cryogenic	☐ fire ☐ reactive ☐ pressure release ☒ acute health ☒ chronic health ☐ radioactive
			Water	>51	☐	7732-18-5									
		Management Method: ☒ Shipped Off-site ☐ Recycled On-site ☐ Treated On-site			☐		☐ solid ☒ liquid ☐ gas	Curies: (If radioactive)	Days On Site: 365	Storage Container:* B	State Waste Code: 131				
3	H	Waste Flammable Liquid	Acetone		☐	67-64-1	☒ waste	500	250	500	1500	☒ gallons ☐ pounds ☐ cu. feet ☐ tons	☒ ambient ☐ > amb. ☐ < amb.	☒ ambient ☐ > amb. ☐ < amb. ☐ cryogenic	☒ fire ☐ reactive ☐ pressure release ☒ acute health ☐ chronic health ☐ radioactive
			Isopropyl Alcohol		☐	67-63-0									
		Management Method: ☒ Shipped Off-site ☐ Recycled On-site ☐ Treated On-site			☐		☐ solid ☒ liquid ☐ gas	Curies: (If radioactive)	Days On Site: 365	Storage Container:* B	State Waste Code: 214				
					☐		☐ waste					☐ gallons ☐ pounds ☐ cu. feet ☐ tons	☐ ambient ☐ > amb. ☐ < amb.	☐ ambient ☐ > amb ☐ < amb. ☐ cryogenic	☐ fire ☐ reactive ☐ pressure release ☐ acute health ☐ chronic health ☐ radioacti
		Management Method: ☐ Shipped Off-site ☐ Recycled On-site ☐ Treated On-site			☐		☐ solid ☐ liquid ☐ gas	Curies: (If radioactive)	Days On Site:	Storage Container:*	State Waste Code:				
8	I	Waste Chromium Etch	Acetic Acid	8	☐	64-9-7	☒ waste	20	5	20	20	☒ gallons ☐ pounds ☐ cu. feet ☐ tons	☒ ambient ☐ > amb. ☐ < amb	☒ ambient ☐ > amb ☐ < amb ☐ cryogenic	☐ fire ☐ reactive ☐ pressure release ☒ acute health ☐ chronic health ☐ radioactive
			Ceric Ammonium Nitrate	22	☐	16774-21-3									
		Management Method: ☒ Shipped Off-site ☐ Recycled On-site ☐ Treated On-site	Water	70	☐	7732-18-5	☐ solid ☒ liquid ☐ gas	Curies: (If radioactive)	Days On Site: 365	Storage Container:* G	State Waste Code: 792				
8	I	Waste Gold Etch	Iodine Complex	3	☐	7553-56-2	☒ waste	20	5	20	20	☒ gallons ☐ pounds ☐ cu. feet ☐ tons	☒ ambient ☐ > amb. ☐ < amb.	☒ ambient ☐ > amb. ☐ < amb. ☐ cryogenic	☐ fire ☐ reactive ☐ pressure release ☒ acute health ☐ chronic health ☐ radioactive
			Potassium Iodine	42	☐	7681-11-0									
		Management Method: ☒ Shipped Off-site ☐ Recycled On-site ☐ Treated On-site	water	55	☐	7732-18-5	☐ solid ☐ liquid ☐ gas	Curies: (If radioactive)	Days On Site: 365	Storage Container:* G	State Waste Code: 792				

* Storage Container Codes

Code	Storage Type	Code	Storage Type	Code	Storage Type	Code	Storage Type	Code	Storage Type	Code	Storage Type
A	Aboveground Tank	D	Steel Drum	G	Carboy	J	Bag	M	Glass Bottle or Jug	P	Tank Wagon
B	Belowground Tank	E	Plastic/Nonmetallic Drum	H	Silo	K	Box	N	Plastic Bottle or Jug	Q	Rail Car
C	Tank Inside Building	F	Can	I	Fiber Drum	L	Cylinder	O	Tote Bin	R	Other

If EPCRA, sign below:

Date: 02/01/06

Hazardous Waste Inventory Statement

For use by Unidocs Member Agencies or where approved by your Local Jurisdiction

Business Name: Silicon Microstructures, Inc. (Same as Facility Name or DBA)

Type of Report on This Page: ☐ Add; ☐ Delete; ☒ Revise

Page 25 of 32 (One page per building or area)

Chemical Location: 1701 McCarthy Blvd, Milpitas, CA (Building/Storage Area)

EPCRA Confidential Location? ☐ Yes; ☒ No
Trade Secret Information? ☐ Yes; ☒ No

Facility ID # (Agency Use Only) - -

1. Haz. Class	2. Map and Grid or Location Code	3. Waste Stream Name	4. Hazardous Components: Chemical Name	% Wt.	EHS	CAS No.	5. Type and Physical State	6. Quantities: Max. Daily	Average Daily	Largest Cont.	7. Annual Waste Amount	8. Units	9. Storage Codes: Storage Pressure	Storage Temp.	10. Hazard Categories
NR	I	Non-RCRA Hazardous Waste Solid /w Solvents			☐		☒ waste	200	50	50	1500	☐ gallons ☒ pounds ☐ cu. feet ☐ tons	☒ ambient ☐ > amb. ☐ < amb.	☒ ambient ☐ > amb ☐ < amb ☐ cryogenic	☒ fire ☐ reactive ☐ pressure ☐ acute he ☒ chronic heaith ☐ radioactive
		Management Method: ☒ Shipped Off-site ☐ Recycled On-site ☐ Treated On-site			☐		☒ solid ☐ liquid ☐ gas	**Curies:** (If radioactive)	**Days On Site:** 365	**Storage Container:*** D	**State Waste Code:** 352				
NR	I	Non-RCRA Hazardous Waste Solid /w Corr.			☐		☒ waste	100	50	50	1500	☐ gallons ☒ pounds ☐ cu. feet ☐ tons	☒ ambient ☐ > amb. ☐ < amb.	☒ ambient ☐ > amb. ☐ < amb. ☐ cryogenic	☐ fire ☐ reactive ☐ pressure release ☐ acute health ☒ chronic health ☐ radioactive
		Management Method: ☒ Shipped Off-site ☐ Recycled On-site ☐ Treated On-site			☐		☒ solid ☐ liquid ☐ gas	**Curies:** (If radioactive)	**Days On Site:** 365	**Storage Container:*** E	**State Waste Code:** 352				
					☐		☐ waste					☐ gallons ☐ pounds ☐ cu. feet ☐ tons	☐ ambient ☐ > amb. ☐ < amb.	☐ ambient ☐ > amb. ☐ < amb. ☐ cryogenic	☐ fire ☐ reactive ☐ pressure release ☐ acute health ☐ chronic health ☐ radioactive
		Management Method: ☐ Shipped Off-site ☐ Recycled On-site ☐ Treated On-site			☐		☐ solid ☐ liquid ☐ gas	**Curies:** (If radioactive)	**Days On Site:**	**Storage Container:***	**State Waste Code:**				
NR	I	Waste Vacuum Pump and Lubricating Oil		100	☐		☒ waste	55	25	55	110	☒ gallons ☐ pounds ☐ cu. feet ☐ tons	☒ ambient ☐ > amb. ☐ < amb.	☒ ambient ☐ > amb. ☐ < amb ☐ cryogenic	☐ fire ☐ reactive ☐ pressure release ☐ acute health ☐ chronic health ☐ radioacti
		Management Method: ☒ Shipped Off-site ☐ Recycled On-site ☐ Treated On-site			☐		☐ solid ☒ liquid ☐ gas	**Curies:** (If radioactive)	**Days On Site:** 365	**Storage Container:*** D	**State Waste Code:** 132				
NR	I	Waste PRS 3000	1-Methyl-2-Pyrrolidinone	<60	☐	872-50-4	☒ waste	165	55	55	110	☒ gallons ☐ pounds ☐ cu. feet ☐ tons	☒ ambient ☐ > amb. ☐ < amb.	☒ ambient ☐ > amb. ☐ < amb ☐ cryogenic	☐ fire ☐ reactive ☐ pressure release ☐ acute health ☐ chronic health ☐ radioactive
			Thiophene, Tetrahydro-, 1,1-Dioxide	<30	☐	126-33-0									
		Management Method: ☒ Shipped Off-site ☐ Recycled On-site ☐ Treated On-site	2-Propanon, 1-Amino-	<10	☐	78-96-6	☐ solid ☒ liquid ☐ gas	**Curies:** (If radioactive)	**Days On Site:** 365	**Storage Container:*** D	**State Waste Code:** 214				
8	I	Waste Flammable Liquid	Acetone		☐	67-64-1	☒ waste	55	55	55	220	☒ gallons ☐ pounds ☐ cu. feet ☐ tons	☒ ambient ☐ > amb ☐ < amb.	☒ ambient ☐ > amb ☐ < amb ☐ cryogenic	☒ fire ☐ reactive ☐ pressure release ☒ acute health ☐ chronic health ☐ radioactive
			Isopropyl Alcohol		☐	67-63-0									
		Management Method: ☒ Shipped Off-site ☐ Recycled On-site ☐ Treated On-site			☐		☐ solid ☒ liquid ☐ gas	**Curies:** (If radioactive)	**Days On Site:** 365	**Storage Container:*** D	**State Waste Code:** 214				

* Storage Type Codes

Code	Storage Type	Code	Storage Type	Code	Storage Type	Code	Storage Type	Code	Storage Type	Code	Storage Type
A	Aboveground Tank	D	Steel Drum	G	Carboy	J	Bag	M	Glass Bottle or Jug	P	Tank Wagon
B	Belowground Tank	E	Plastic/Nonmetallic Drum	H	Silo	K	Box	N	Plastic Bottle or Jug	Q	Rail Car
C	Tank Inside Building	F	Can	I	Fiber Drum	L	Cylinder	O	Tote Bin	R	Other

If EPCRA, sign below:

MILPITAS FIRE DEPARTMENT
HAZARDOUS MATERIALS & ENVIRONMENTAL SERVICES UNIT
HAZARDOUS MATERIALS INSPECTION REPORT
CALIFORNIA FIRE CODE, 2001
MILPITAS MUNICIPAL CODE, TITLE V, CHAPTER 300

Fire Department Number
02-0422

Inspection Date 10/30/06

SILICON MICROSTRUCTURES, INC.
01701 Mc Carthy Blvd
Milpitas, Ca 95035

Fernando Ferreira (408) 473 - 9797 ext.
Contact Phone Number

Permitted Activities:

HM	MRI	KX	EL	FA	HS	HD	OS	SS
		KX		FA			OS	SS

The Milpitas Fire Department conducted a Hazardous Materials inspection at the above address. This notice identifies code violations and the minimum requirements necessary to comply. Items marked with an "X" below will require your attention to come into compliance. Additional information may be written on this notice by the Inspector to provide you with direction for compliance.

		Date Abated
☐	1. Storage cabinets for flammable or combustible liquids shall have well fitted, self closing doors with a latching device; labeled "FLAMMABLE-KEEP FIRE AWAY"; bottom 2 inches liquid tight. [CFC 7902.5.9.3]	
☒	2. All flammable and combustible liquids in excess of maintenance and work station amounts (10 gallons) shall be located in an approved storage cabinet. Volumes stored shall not exceed those permitted by the Fire Code. [CFC 7902.5.8] OR REDUCE QUANTITY (CHASE AREA)	
☐	3. Empty tanks and containers previously used for flammable and combustible liquids unless free from explosive vapors, shall be stored as full with cover or plugs in place. [CFC 7902.5.3]	
☐	4. Storage of class I, II, or IIIA liquids shall not be near exit doorways, stairways or a location which may impede egress. [CFC 7902.5.5]	
☐	5. Dispensing of class I liquids is only allowed from approved safety cans or original containers. [CFC 7903.1.3.5]	
☐	6. Class IA flammable liquids shall not be dispensed by gravity from tanks. [CFC 7903.1.3.5]	
☐	7. When a flammable mixture is transferred from one container to another one shall be grounded. Piping systems shall be permanently grounded. [CFC 7903.2.1.3]	
☐	8. Storage cabinets for hazardous materials liquids shall have well fitted, self closing doors equipped with a self latching device; bottom 2 inches liquid tight and labeled "HAZARDOUS-KEEP FIRE AWAY". [CFC 8001.10.6.2]	
☐	9. Secondary containment is required for areas where hazardous materials are stored. [CFC 8001.11.11 as amended by MMC V-300-2.81]	
☐	10. Individual storage areas shall have dedicated drainage to prevent mixing of incompatible materials. [CFC 8003.1.3.3]	
☐	11. Containers previously containing a regulated material shall not be used to store a different material unless container is cleaned in an approved manner and properly labeled for new contents. [CFC 8001.4.6]	
☐	12. All containers in storage shall be arranged in an approved manner, non-compatibles separated (flammables, corrosives, oxidizers, etc.). [CFC 8001.11.8]	
☐	13. Signs prohibiting smoking shall be provided in storage areas and within 25 feet of outdoor storage areas. [CFC 8001.8; 8003.1.2]	
☐	14. Gas cylinders shall be properly identified, located, and secured. [CFC 7401.5.1; 7401.6.4]	
☐	15. Empty containers and tanks previously used for the storage of hazardous materials shall be free from residual materials and vapor as defined by DOT, RCRA or other regulating authority or maintained as specified for the storage of hazardous materials. [CFC 8001.4.6]	
☐	16. Open flames & high-temperature devices shall not be used in a manner which creates a hazardous condition. [CFC 8001.9]	

Fire Department Number 02-0422

- ☐ 17. Material Safety Data Sheets (MSDS) shall be available at the facility for all materials present. [CFC 8001.6]
- ☐ 18. All regulated material waste shall be disposed of in an approved manner. Hazardous materials shall not be released into the sewer, storm drain, ditch, drainage canal, lake, river, or tidal waterway, or upon the ground, sidewalk, street, highway or into the atmosphere. [CFC 8001.5.1]
- ☒ 19. Individual containers, cartons, packages shall be conspicuously marked or labeled in accordance with nationally recognized standards. [CFC 8001.8] PUMP CABINET
- ☐ 20. Entrances to areas where hazardous materials are stored, and stationary above ground tanks shall be placarded with NFPA 704 Hazard Signal System for the material(s) contained. [CFC 8001.7 , 8003.1.2]
- ☐ 21. All above ground piping shall be properly secured and labeled identifying product and direction of flow every 20 feet. [CFC 8001.4.3.2 as amended by MMC-V-300-2.52]
- ☐ 22. Process equipment shall be maintained as designed to prevent accidental discharge of hazardous materials. [CFC 8001.4.7.1]
- ☐ 23. A (revised) Hazardous Materials Business Plan shall be submitted within 10 days.[CFC 8001.3.2]
- ☐ 24. A monitoring method capable of detecting hazardous material leakage from the primary containment into the secondary containment shall be provided. [CFC 8001.11.10 as amended by MMC-V-300-2.80]
- ☐ 25. Routine inspections of all hazardous materials storage areas and spills of hazardous materials shall be recorded, on a weekly basis, on a monitoring log. [CFC 8001.11.10]
- ☐ 26. All processes new to the facility shall have Fire Department approval prior to installation and use. [CFC 8001.3.1]
- ☒ 27. A permit is required to install, repair, abandon, remove, place temporarily out of service, close or substantially modify a storage facility. [CFC 8001.3.1] CYBERCLEAN 1000 IN CHEM STORE

ADDITIONAL VIOLATIONS:

☐ See supplemental sheet for additional violations.

ORDERS:

1. PROVIDE NONCOMBUSTIBLE CONTAINER FOR IPA - STORE IN PROPER LOCATION (NOT IN KOH BENCH)
2. SUBMIT A PROPOSAL FOR PROTECTING (SPRINKLERING) FL/CL WORK STATIONS (2)

COMMENTS:

ANNUAL TBO | PERMIT TEST - COMPLETE EXCEPT FOR BACK UP GENERATOR TEST
PROVIDE TREATMENT CALCULATIONS FOR PH3 (NOW CONNECTED TO SCRUBBER)

REFERRALS:

Your facility will be referred to the following agency(s) for items noted during this inspection which are beyond the scope of this inspection:

☐ **No Hazardous Material violations were observed during the initial inspection.**

For your information: If your business handles hazardous waste, Santa Clara County Hazardous Materials Compliance Division may perform an inspection of your business. For more information, contact 918-3400.

If necessary, a 1st and 2nd re-inspection shall be conducted on or about 30 days from the initial inspection and 15 days from the 1st re-inspection respectively to determine if violation(s) noted above have been corrected and/or orders have been complied with.

Failure to comply with orders and correct violations may render you liable to the penalties as set forth by law, including, but not limited to, administrative, civil and/or criminal citations.

The Fire Department prefers compliance be obtained through the willingness of an individual to comply, and as always, remains ready to assist in this process. If you have any questions or wish to discuss this matter, please contact this office at (408) 586-3365.

Received By: _____ Inspector: _____

Milpitas Fire Department, Bureau of Fire Prevention, 455 E. Calaveras Blvd., Milpitas, CA 95035
Phone (408) 586-3365 FAX (408) 586-3378

Distribution: WHITE - Fire Department Address File
YELLOW - Business Responsible

RECEIVED
NOV 12 2006
MILPITAS
FIRE PREVENTION

SILICON
MICROSTRUCTURES
INCORPORATED

1701 McCarthy Boulevard
Milpitas, California, USA
95035

Phone: 408 577-0100
Fax: 408 577-0123

November 8, 2006

Mr. Paul Inouye
Milpitas Fire Department
Dept. of Hazardous Materials
455 E. Calaveras Blvd
Milpitas, CA 95035

Mr. Inouye,

The following are the action items noted during your last inspection of this facility on October 30th, 2006. Our corrective actions are noted with each item.

Item 1: All flammable and combustible liquids in excess of maintenance and workstation amounts (10 gallons) shall be located in an approved storage cabinet or reduce the quantity in the chase area to no more than 10 gallons.

Action: The quantity of flammable materials stored in the secondary containers in this chase will be maintained in quantities less than 10 aggregate gallons. An approved flammable liquid cabinet will be utilized if production requirements dictate a need greater than 10 gallons.

Item 2: Individual containers, cartons, packages shall be conspicuously marked or labeled in accordance with nationally recognized standards. This referred to the pump cabinet in the litho chase.

Action: A D.O.T. flammable liquid label and a Photoresist hazardous materials label were applied to the pump cabinet door.

Item 3: A permit is required to install, repair, abandon, remove, place temporarily out of service, close or substantially modify a storage facility. This item referred to the Cyberclean 1000 cleaning unit located in the chemical storage room.

Action: A permit application will be submitted to Milpitas Fire Department for approval of the Cyberclean 1000.

Item 4: Provide a noncombustible container for the IPA stored on the KOH bench. This container must then be stored in a proper location.

Action: The IPA was transferred into a noncombustible container. This container is stored away from the KOH bench.

Item 5: Submit a proposal for protecting (sprinklers) the flammable/combustible liquid workstations (2).

Action: A sprinkler contractor was contracted to bid on installing sprinkler systems in the flammable/combustible liquid workstations (2). Plans will be submitted upon acceptance of the installation bid.

Item 6: Provide treatment calculations for the Ph3 (now connected to scrubber).

Action: Paragon Mechanical was contacted requesting the treatment calculations. The calculations will be forwarded upon receipt.

Note: The annual TGO/Pump test was completed with the exception of the back-up generator test. The generator manufacturer was contacted and a technician is scheduled for service tomorrow. You will be notified when the generator is fully operational so that the annual test may be completed.

Contact me at your earliest convenience is you have any questions or require further information.

Sincerely,

Mike Planer
Facilities/Maintenance Manager

Hazardous Materials Business Plan & AED Notification

January 29, 2007

Prepared for:

City of Milpitas Fire Department
Bureau of Fire Prevention
455 East Calaveras Blvd.
Milpitas, CA 95035

Fairchild Imaging, Inc.
1801 McCarthy Blvd.
Milpitas, CA 95035

BUILDING FLOOR PLAN FOR CHEMICAL STORAGE

INDEX FOR STORAGE AREAS

1A	Internal chemical storage for incoming corrosive liquid and other regulated liquid.
1B	Internal chemical storage for incoming flammable liquid, combustible liquid and other regulated material.
2A	Internal Fab chemical cabinet for corrosive liquids (Acids).
2B	Internal Fab chemical cabinet for corrosive liquids (Acids).
2C	Internal Fab chemical cabinet for flammable liquids and combustible liquids.
2D	ION IMPLANTER ~~Internal Fab chemical cabinet for corrosive liquids (Acids).~~
3	Internal Fab chemical cabinet for corrosive liquids (Bases).
~~3A~~	~~Internal Fab chemical cabinet for flammable liquids and combustible liquids.~~
4A	Internal Fab chemical cabinet for corrosive liquids (Bases) and other regulated materials.
4B	Internal Fab chemical cabinet for flammable liquids (Solvents) and assorted flammable liquids.
4C	Internal Fab chemical cabinet for flammable liquids (Solvents) and combustible liquids.
4D1	Internal refrigerator for photoresists.
~~4D2~~	~~Internal freezer for colors.~~

5	External hazardous waste storage area.
6A	External gas bottle storage area.
7	External (hazardous waste) bulk storage area.
8A	External chemical bulk storage.
8B	External combustible liquid tank.
8C	Chemicals at chiller area.
8D	Chemicals at cooling tower area.
9	External gas (cryogenic) bulk storage.
10A1-10A7	Internal gas bottle (in use).
10B	Internal gas bottles (in use) and internal hazardous waste area.
10C1-10C4	Internal gas bottles (in use).
10D1-10D2	Internal Fab cabinets for corrosive and flammable chemicals.
10E	Corrosive gases blockhouse (bottles in use).
10F	Flammable gases blockhouse (bottles in use).
10G1-10G2	Internal gas bottles (in use).
12	Assembly (parts) room.
13	Component Engineering lab.
14	Dicomed lab.
15	Internal gas bottles - Component Engineering lab.
~~16~~	~~Internal gas bottles.~~
17	Maintenance shop.
~~18~~	~~CAD room.~~

19 Janitor room.

20A-20B Freezer storage and Shipping and Receiving room.

21 Non-flammable gas dewars.

23 Chaise area chemicals.

24 IR Lab

12B Thinning Cabinet

15B GEMS Room

25 Adjacent to MDA

26 Postal Manufacturing

27 Buffing Room

28 Engineering Clean Room

DEPARTMENT OF INDUSTRIAL RELATIONS
DIVISION OF OCCUPATIONAL SAFETY AND HEALTH
OCCUPATIONAL CARCINOGEN CONTROL UNIT
455 Golden Gate Avenue, 10th Floor
SAN FRANCISCO, CA 94102

Address reply to:
DOSH-OCCU
P.O. Box 420603
San Francisco, CA 94142
REPORT OF USE NUMBER _____

REPORT OF USE OF REGULATED CARCINOGENS

Title 8 California Code of Regulations requires reporting the use of regulated carcinogens to the Division of Occupational Safety and Health. The list below indicates those carcinogens currently regulated and references the appropriate Title 8 Section numbers (in bold) which specify the reporting requirements. Completion of the information below meets these requirements for Report of Use.

Any change in location, use, additions, or deletions of carcinogens used in your workplace, must be reported within 15 calendar days. Exceptions: 10 days for carcinogens in Sections 5212, 5219, 5220.

A copy of each written report required by the section is required to be posted in the locations where the carcinogens are present in the workplace or in another appropriate location where the posting is conspicuous to employees.

_____	2-Acetylaminofluorene, 5209	_____	Cadmium, 1532, 5207
_____	4-Aminodiphenyl	_____	Asbestos, 1529, 5208, 5208.1, 8358
_____	Benzidine (and its salts)	_____	Vinyl Chloride, 5210
_____	3,3'-Dichlorobenzidine (and its salts)	_____	Coke Oven Emissions, 5211
_____	4-Dimethylaminoazobenzene	_____	1,2-Dibromo-3-Chloropropane (DBCP), 5212
_____	alpha-Naphthylamine	_____	Acrylonitrile, 5213
_____	beta-Naphthylamine	X	Inorganic Arsenic. 5214
_____	d-Nitrobiphenyl	_____	4,4'-Methylenebis (2-Chloroaniline) (MBOCA), 5215
_____	N-Nitrosodimethylamine		
_____	beta-Propiolactone	_____	Formaldehyde, 5217
_____	bis-Chloromethyl ether	_____	Benzene, 5218
_____	Methyl chloromethyl ether	_____	Ethylene Dibromide (EDB), 5219
_____	Ethyleneimine	_____	Ethylene Oxide (EtO), 5220
_____	Methylene Chloride, 5202	_____	1,3 Butadiene, 5201
_____	Methylenedianiline (MDA), 1535, 5200		

Fairchild Imaging, Inc. — (408) 433-2660
Employer/Company and Division Name — Telephone Number

1801 McCarthy Blvd. — Milpitas — CA. — 95035
Address: Number and Street — City — County — Zip

(If there has been a change, write the previous name; address; report number)

Senior EH&S Engineer — 8/10/04 — Richard J. Tata
Original signature and title of responsible representative — Date — (please print name)

Cal/OSHA 183A
6-18-99

Fairchild Imaging
180 McCarthy Blvd.
Milpitas, CA 95035

8/10/2004

Attachment to Report of Use of Regulated Carcinogens

1. Arsenic Trioxide (As_2O_3) and elemental Arsenic (As) are generated in the course of Ion Implanter ("tool") operations. These operations use Arsine (AsH_3) as a source gas. The Arsine is stored in a "Safe Delivery Source" (SDS), and it is adsorbed on a matrix that requires a pressure differential to extract the gas. This minimizes the potential for an accidental release of gas.

2. The carcinogens are present in the Ion Implanter room, which is located in the wafer fabrication area at 1801 McCarthy Blvd., Milpitas, CA.

3.

Ia.) Four Operators run the tool during manufacturing operations less than four hours at a time, 0 – 5 days per week.

Ib.) Exposure in preliminary sampling $<0.02\mu g/m^3$ as a TWA.

IIa.) Two Technicians access internal parts of the tool to remove, clean and rebuild components, and clean tool chamber for approximately 30 to 60 minutes, once per month.

IIb.) Exposure in preliminary sampling $0.19\mu g/m^3$.

4. Not Applicable

5. Approximately 4 grams Arsenic Trioxide and approximately 2 grams of elemental Arsenic generated monthly. Cleaning is done about monthly, so amounts present are expected to be in the range referenced. The full SDS contains 88 grams of Arsine deliverable to 20 torr.

6. Fairchild Imaging is in the semiconductor industry; Fairchild's principal products are Charged Coupled Devices (CCDs).

HMIS Classification Key

Storage Codes	
A=Above Ground Tank	J=Bag
B=Below Ground Tank	K=Box
C=Tank Inside Building (above ground)	L=Cylinder
D=Steel Drum	M=Glass Bottle or Jug
E=Plastic or Non-Metal Drum	N=Plastic Bottle or Jug
F=Can	O=Tote Bin
G=Carboy	P=Tank Wagon
H=Silo	Q=Rail Car
I=Fiberdrum	R=Other
Pressure	**Temperature**
1= Ambient (Atmospheric)	4=Ambient
2=Greater than Ambient	5=Greater than Ambient
3=Less than Ambient	6=Less than Ambient, but not Cryogenic
	7=Cryogenic
SARA Hazard Class-Physical Hazards	**SARA Hazard Class-Health Hazards**
F(Fire): Flammable Liquids and Solids, Combustible Liquids, Pyrophorics, Oxidizers	I(Immediate, Acute Health): Toxics, Highly Toxics, Irritants, Sensitizers, Corrosives, other hazardous chemicals with an adverse effect with short-term exposure.
R(Reactive): Unstable Reactives, Organic peroxides, Water Reactives, Radioactives	D(Delayed, Chronic Health): Carcinogens, other chemicals with an adverse effect with long-term exposure.
P(Pressure Release): Explosives, Compressed Gases, Blasting Agents	

Fairchild Imaging Non Waste Inventory
1801 McCarthy Boulevard, Milpitas, CA 95035

STORAGE FACILITY ID:	DOT HAZARD CLASS	COMMON / TRADE NAME	CHEMICAL NAME COMPONENTS AND CONCENTRATION	%	CAS#	PHYS STATE	QUANTITY ON HAND MAX	AVG	LARGEST CONTAINER	UNITS	DAYS ON SITE	STORAGE CODE TYPE	PRES	TEMP	SARA CLASS	OFFICIAL USE ONLY
1A	NR	Microposit (R) MF-319 Developer	water	97-98		M,L	100.0	80.0	1	GA	365	N	1	4	I	
			surfactant	.01-1												
CORROSIVE STORAGE ROOM			tetramethylammonium hydroxide	2-3	75-95-2											
	8	Sulfuric Acid	Sulfuric Acid	100	7664-93-9	L	80.0	40.0	1	GA	365	N	1	4	I,R	
	8	Ultra Etch BHF 50:1	Water	57-61		M,L	50.0	25.0	1	GA	365	N	1	4	I	
			Ammonuim Fluoride	35-39	12125-01-8											
			Hydrofluoric Acid	3.9	7664-39-3											
	NR	Nalco 4337	Acrylate polymer		trade secret	M,L	50.0	25.0	50	LB	365	N	1	4	I	
			Inorganic salt		trade secret											
			water													
	8	Aluminum etch	Nitric acid	2%	7697-37-2	M,L	4.0	2.0	1	GA	365	N	1	4	I	
			Phosphoric acid 85%	<=90%	7664-38-2											
			Acetic acid	<=10%	64-19-7											

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***DO NOT STORE ANY CHEMICALS THAT ARE NOT LISTED ABOVE.**

***ITS ILLEGAL TO STORE MORE THAN MAXIMUM QUANTITIES FOR THIS LOCATION (Highlighted Area)**
If you have to store any additional quanties please call **x2660**

F **naging Non-Waste Hazardous Materials Inventory Statement**
.01 McCarthy Boulevard, Milpitas, CA 95035

STORAGE FACILITY ID:	DOT HAZARD CLASS	COMMON / TRADE NAME	CHEMICAL NAME COMPONENTS AND CONCENTRATION	%	CAS#	PHYS STATE	QUANTITY ON HAND MAX	AVG	LARGEST CONTAINER	UNITS	DAYS ON SITE	STORAGE CODE TYPE	PRES	TEMP	SARA CLASS	OFFICIAL USE ONLY
1A																
	8-PG II	Hydrofluoric Acid 100:1	Water	100		M,L	**20.0**	20.0	1	GA	365	N	1	4	I	
CORROSIVE			Hydrofluoric Acid	0.2	7664-39-3											
STORAGE																
ROOM	8-PG II	Hydrofluoric Acid 50:1	Hydrofluoric Acid	0.4	7664-39-3	M,L	**40.0**	20.0	1	GA	365	N	1	4	I	
	8-PG II	Nitric Acid	Nitric Acid	70	7697-37-2	M,L	**40.0**	20.0	1	GA	365	N	1	4	I	
			Water	30	7732-18-5											
	8-PG II	95% Poly Etch M-534	Nitric Acid	70	7697-37-2	M,L	**4.0**	4.0	1	GA	365	N	1	4	R,I	
			Hydrofluoric Acid	49	7664-39-3											
	8-PG II	AZ 327 MIF Developer	Tetramethylammonium Hydroxide	3	75-59--2	M,L	**20.0**	16.0	1	GA	365	N	1	4	I	
	8-PG II	SMS 2070C	Cyclic Amide/ Aliphati Amines	NA	NA	M,L	**40.0**	20.0	1	GA	365	N	1	4	I	
	8-PG II	Super Strip	Potassium Hydroxide	<5	1310-58-3	M,L	**10.0**	10.0	5	GA	365	N	1	4	I	
	8-PG II	ST-22 Positive Resist Stripper	Alkanol Amine Mixtur	30-40	929-06-6	M,L	**40.0**	40.0	1	GA	365	N	1	4	I	
			N-methyl Pyrrolidone	25-40	872-50-4											
			Proprietary Solvent	15-30	6837-24-7											
			BLO	2-15	000000-96-48-0											

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Fairch ing Non-Waste Hazardous Materials Inventory Statement
1 IcCarthy Boulevard, Milpitas, CA 95035

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1A CORROSIVE STORAGE	8-PG III	Phosphoric Acid	Phosphoric acid	85	7764-38-2	M, L	50.0	16.0	1	GA	365	N	1	4	I	
			water	5	7732-18-2											
	8-PG II	Hydrochloric Acid	Hydrochloric Acid	35	7647-01-0	M, L	48.0	24.0	1	GA	365	N	1	4	I	
			Water	65	7732-18-5											
	8-PG II	Hydrofluoric Acid	Hydrofluoric Acid	49	7664-39-3	M, L	40.0	32.0	1	GA	365	N	1	4	I	
			Water	51	7732-18-5											
	8-PG III	Ammonium Fluoride	Ammonium Fluoride	40	12125-01-8	M, L	40.0	16.0	1	GA	365	N	1	4	I	
			Water	60	7732-18-5											
	8-PG III	Ammonium Hydroxide	Ammonium Hydroxide	30	1336-21-6	M, L	40.0	12.0	1	GA	365	N	1	4	I	
			Water	70	7732-18-5											
	8-PG II	Potassium Hydroxide	Potassium Hydroxide	45	1301-58-3	M, L	40.0	12.0	1	GA	365	N	1	4	I	
			Water	55	7732-18-5											
	8-PG II	Hydrofluoric Acid, 10:1	Hydrofluoric Acid	5	7664-39-3	M, L	40.0	20.0	1	GA	365	N	1	4	I	
			Water	95	7732-18-5											
	8-PG II	Buffered Oxide Etch, 6:1	Ammonium Fluoride	6	12125-01-8	M, L	50.0	25.0	1	GA	365	N	1	4	I	
			Water	84	7732-18-5											
	8-PG II	Buffered oxide etch, 50:1	Ammonium Fluoride	40	12125-01-8	M, L	40.0	16.0	1	GA	365	N	1	4	I	
			Water	60	7732-18-5											
	5.1-PG II	Hydrogen Peroxide	Hydrogen Peroxide	30	7722-84-1	M, L	80.0	80.0	1	GA	365	N	1	4	R, I	
			Water	70	7732-18-5											

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Fairch. ng Non-Waste Hazardous Materials Inventory Statement
McCarthy Boulevard, Milpitas, CA 95035

STORAGE FACILITY ID:	DOT HAZARD CLASS	COMMON / TRADE NAME	CHEMICAL NAME COMPONENTS AND CONCENTRATION	%	CAS#	PHYS STATE	QUANTITY ON HAND MAX	QUANTITY ON HAND AVG	QUANTITY ON HAND LARGEST CONTAINER	UNITS	DAYS ON SITE	STORAGE CODE TYPE	STORAGE CODE PRES	STORAGE CODE TEMP	SARA CLASS	OFFICIAL USE ONLY
1B FLAMMABLE STORAGE ROOM	3-PG II	Acetone	Acetone	100	67-64-1	P, L	50.0	16.0	1	GA	365	N	1	4	F	
	3-PG II	Isopropyl Alcohol	Isopropanol	100	67-63-0	P, L	50.0	36.0	1	GA	365	N	1	4	F	
	3-PG I	Methyl Alcohol	Methanol	100	67-56-1	P, L	12.0	8.0	1	GA	365	N	1	4	F	
	3-PG II	Trichloroethane, 1-1-1 (TCA)	Trichloroethane, 1-1-1	100	71-55-6	P, L	9000	9000	1500	cc	365	N	1	4	F	
	3-PG II	Hexamethyldisilazane	Hexamethyldisilazane	100	999-97-3	P, L	6.0	3.0	1	QT	365	N	1	4	F, I	
	8-PG II	Acetic Acid	Acetic Acid	100	64-19-7	P,L	12.0	8.0	1	GA	365	N	1	4	F,I	
	3-PG II	Dichloroethylene (Trans LC)	Trans-1,2 Dichloroethylene	100	156-60-5	P,L	9000.0	9000.0	1500	cc	365	M	1	4	F	
	4-PG II	Microposit - EBR10-A Edge Bead Remover	Propylene Glycol Monomethylether Acetate	100	108-65-6	M,L	4.0	4.0	1	GA	365	N	1	4	I,F	
	6.1	Chloroform	Chloroform	100	67-66-3	L	6.0	3.0	0.5	L	365	N	1	4	I	

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Fairchild Imaging: **Non-Waste Hazardous Materials Inventory Statement**
1801 McCarthy Boulevard, Milpitas, CA 95035

STORAGE FACILITY ID:	DOT HAZARD CLASS	COMMON / TRADE NAME	CHEMICAL NAME COMPONENTS AND CONCENTRATION	%	CAS#	PHYS STATE	QUANTITY ON HAND MAX	QUANTITY ON HAND AVG	QUANTITY ON HAND LARGEST CONTAINER	UNITS	DAYS ON SITE	STORAGE CODE TYPE	STORAGE CODE PRES	STORAGE CODE TEMP	SARA CLASS	OFFICIAL USE ONLY
1B	4-PG-II	NMP	N. Methylpyrolidone	99	872-50-4	M,L	4.0	4.0	1	GA	365	M	1	4	I,R	
FLAMMABLE STORAGE ROOM	8-PGIII	SMS 2090 A1	acetone			M,L	24.0	18.0	1	GA	365	M	1	4	F	
		Misc flammable liquids	Misc flammable liquids			M,L	110.0	110.0	5	GA	365	M	1	4	F	

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If you have to store any additional quanties please call **x2660**

LOCKHEED MARTIN Fairchild Systems:Non-Waste Hazardous Materials Inventory Statement
801 McCarthy Boulevard, Milpitas, CA 95035

STORAGE FACILITY ID:	DOT HAZARD CLASS	COMMON / TRADE NAME	CHEMICAL NAME COMPONENTS AND CONCENTRATION	%	CAS#	PHYS STATE	QUANTITY ON HAND MAX	QUANTITY ON HAND AVG	QUANTITY ON HAND LARGEST CONTAINER	UNITS	DAYS ON SITE	STORAGE CODE TYPE	STORAGE CODE PRES	STORAGE CODE TEMP	SARA CLASS	OFFICIAL USE ONLY
2A FAB'S CABINET																
	8-PG II	Phosphoric Acid	Phosphoric Acid Water	85 15	7764-38-2 7732-18-5	M, L	6.0	6.0	1	GA	365	N	1	4	I	
	8-PG III	Ammonium Fluoride	Ammonium Fluoride Water	40 60	12125-01-8 7732-18-5	M, L	2.0	2.0	1	GA	365	N	1	4	I	
	8-PG II	Buffered Oxide Etch 6:1 (6% HF)	Ammonium Fluoride Water	6 84	12125-01-8 7732-18-5	M, L	6.0	6.0	1	GA	365	N	1	4	I	
	8-PGII	Nitric Acid	Nitric Acid Water	70 30	7697-37-2 7732-18-5		2.0	1.0	1	GA	365	N	1	4	I, R	
	8-PGII	Sulfuric Acid	Sulfuric Acid Water	95 5	7664-93-9 7732-18-5		12.0	12.0	1	GA	365	N	1	4	I,R	

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Shild Imaging, Inc. Non-Waste Hazardous Materials Inventory Statement
1 McCarthy Boulevard, Milpitas, CA 95035

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2B FAB CABINET																
	8-PG II	Phosphoric Acid	Phosphoric Acid Water	85 15	7764-38-2 7732-18-5	M, L	10.0	9.0	1	GA	365	N	1	4	I	
	8-PG II	Hydrochloric Acid	Hydrochloric Acid Water	37 63	7647-01-0 7732-18-5	M, L	10.0	5.0	1	GA	365	N	1	4	I	
	8-PG II	Hydrofluoric Acid	Hydrofluoric Acid Water	49 51	7664-39-3 7732-18-5	M, L	10.0	10.0	1	GA	365	N	1	4	I	
	8-PG II	Hydrofluoric Acid 10:1	Hydrofluoric Acid Water	5 95	7664-39-3 7732-18-5	M, L	10.0	9.0	1	GA	365	N	1	4	I	
	8-PG II	Buffered Oxide Etch 6:1	Ammonium Fluoride Water	6 60	12125-01-8 7732-18-5	M, L	10.0	10.0	1	GA	365	N	1	4	I	
	8-PG II	Buffered Oxide Etch 50:1	Ammonium Fluoride Water	40 60	12125-01-8 7732-18-5	M, L	12.0	10.0	1	GA	365	N	1	4	I	
	8-PG II	Nitric Acid	Nitric Acid Water	70 30	7697-37-2 7732-18-5	M, L	12.0	10.0	1	GA	365	M	1	4	I,R	
	5.1-PGII	Hydrogen Peroxide	Hydrogen Peroxide Water	30 70	7722-84-1 7732-18-5	M, L	20.0	17.0	1	GA	365	N	1	4	I,R	
	8-PGII	Hydrofluoric Acid 100:1	Hydrofluoric Acid Water	0.2 100	7664-39-3 7732-18-5	M,L	10.0	10.0	1	GA	365	N	1	4	I	
	8-PG II	Sulfuric Acid	Sulfuric Acid Water	96 4	7664-38-2 7732-18-5	M,L	20.0	20.0	1	GA	365	N	1	4	I	
	8-PG II	Ammonium Flouride	Ammonium Fluoride Water	40 60	12125-01-8 7732-18-5	M, L	10.0	5.0	1	GA	365	N	1	4	I	

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Fairchild Imaging Non-Waste Hazardous Materials Inventory Statement
1801 mcCarthy Blvd, Milpitas, CA 95035

STORAGE FACILITY ID:	DOT HAZARD CLASS	COMMON / TRADE NAME	CHEMICAL NAME COMPONENTS AND CONCENTRATION	%	CAS#	PHYS STATE	QUANTITY ON HAND MAX	AVG	LARGEST CONTAINER	UNITS	DAYS ON SITE	STORAGE CODE TYPE	PRES	TEMP	SARA CLASS	OFFICIAL USE ONLY
2C FAB'S CABINET	3-PG II	Acetone	Acetone	100	67-64-1	P, L	8.0	8.0	1	GA	365	N	1	4	F	
	3-PG II	Isopropyl Alcohol	Isopropanol	100	7732-18-5	P, L	6.0	6.0	1	GA	365	N	1	4	F	
	3 PG I	Methanol	Methyl Alcohol	100	67-56-1	P, L	1.0	1.0	1	GA	365	N	1	4	F	
	8-PG II	H.M.D.S	Hexamethyldisilazane	100	999-97-3	P, L	2.0	1.0		QT	365	N	1	4	F, I	
	8-PG II	ST-22 Positive Resist Stripper	Alkanol Amine Mixture N-Methyl Pyrrolidone Proprietary Solvent BLO	30-45 25-40 15-30 2-15	929-06-6 872-50-4 6837-24-7 000000-96-48-0	M,L	12.0	6.0	1	GA	365	N	1	4	I	
	3-PG II	APX K-1	Propanol, 2	95	67-63-0	M,L	2.0	2.0	1	GA	365	N	1	4	F	
	4-PGd II	NMP	N, Methylpyrolidone	99	872-5--4	M,L	4.0	1.0	1	GA	365	N	1	4	I,R	
	8-PG II	SMS 2070-C	Cyclic Amide/alphatic A	NA	NA	M,L	4.0	4.0	1	GA	365	N	1	4	I	
	3-PG II	ARC Cleaner	Acetone Methyl-2-Pyrrolidone, 1	55-65 35-45	67-64-1 872-50-4	M,L	2.0	1.0	1	GA	365	N	1	4	F	
	3-PG-III	Microposit EC Solvent-11	Ethyl Lactate	100	97-64-3	M,L	4.0	1.0	1	GA	365	M	1	4	I,R	
	PG-II	Pron Sat (Wipes)	Isopropyl Alcohol water	70 30	7732-18-5 7732-18-5	M,L	1.0	1.0	1	BAG	3365		1	4	F	
	8-PGII	Acetic Acid	Acetic Acid	100	64-19-7	L	3.0	2.0	1	GA	365	N	1	4	I	
	NR	Triton X100	No hazardous components			L	2.0	1.0	1	GA	365	N	1	4	N	

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1801 McCarthy Boulevard, Milpitas, CA 95035

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2D																
Implanter Room	2.2	Argon	Argon	100	7440-37-1	G	**248.0**	124.0	248	CF	365	L	2	4	P	
Gas Storage	2.3	Phosphine	Phosphine	100	7803-51-2	G	**30.0**	15.0	30	grams	365	SDS	3	4	P,I,D	
	2.3	Boron Triflouride	BoronTriflouride	100	7637-07-2	G	**130.0**	65.0	130	grams	365	SDS	3	4	P,I,D	
	2.3	Arsine Note: SDS - Safe Delivery Sytem (gases are supplied in a carbon absorbent at sub atmospheric pressure)	Arsine	100	7784-42-1	G	**88.0**	44.0	88	grams	365	SDS	3	4	P,I,D	
	Non Haz per DOT	Industrial Dielectric Oil (Daila Oil)	Hydrotreated distillates	50-100	64742-46-7 647-53-6	L	**100.0**	100.0	100	GA	365	A	1	4	NA	

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3																
FAB	3-PG II	Acetone	Acetone	100	67-64-1	P,L	**12.0**	12.0	1	GA	365	N	1	4	F	
CABINET ADJ to 4B	3-PG II	Isopropyl Alcohol	Isopropyl Alcohol	100	67-63-0	P,L	**12.0**	12.0	1	GA	365	N	1	4	F	
	8-PG II	ST-22 Positive Photoresist Stripper	Alkanol Amine Mixture N-Methyl Pyrrolidone Proprietary Solvent BLO	30-45 25-40 15-30 2-15	929-06-6 872-50-4 6837-24-7 00000-96-48	M,L	**8.0**	8.0	1	GA	365	M	1	4	I	
	8-PG II	SMS 2070-C	Cyclic and Aliphatic Amides	NA	NA	M,L	**8.0**	8.0	1	GA	365	N	1	4	I	
	8-PG II	Acetic Acid	Acetic Acid	98-100	64-19-7	M,L	**8.0**	8.0	1	GA	365	M	1	4	I	
	3-PG II	SMS 2090-A1	Substituted Esters and Amides			M,L	**8.0**	8.0	1	GA	365	N	1	4	L,D	
		Misc Flammable Liquids				M,L	**5.0**	3.0		GA	365					

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ild Imaging Non-Waste Hazardous Materials Inventory Statement
1801 McCarthy Boulevard, Milpitas, CA 95035

STORAGE FACILITY ID:	DOT HAZARD CLASS	COMMON / TRADE NAME	CHEMICAL NAME COMPONENTS AND CONCENTRATION	%	CAS#	PHYS STATE	QUANTITY ON HAND MAX	QUANTITY ON HAND AVG	QUANTITY ON HAND LARGEST CONTAINER	UNITS	DAYS ON SITE	STORAGE CODE TYPE	STORAGE CODE PRES	STORAGE CODE TEMP	SARA CLASS	OFFICIAL USE ONLY
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(MSDS) shall be readily available on the premises for hazardous materials listed above.

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If you have to store any additional quanties please call **x2660**

Fairc .g Non-Waste Hazardous Materials Inventory Statement
1801 McCarthy Boulevard, Milpitas, CA 95035

STORAGE FACILITY ID:	DOT HAZARD CLASS	COMMON / TRADE NAME	CHEMICAL NAME COMPONENTS AND CONCENTRATION	%	CAS#	PHYS STATE	QUANTITY ON HAND MAX	QUANTITY ON HAND AVG	QUANTITY ON HAND LARGEST CONTAINER	UNITS	DAYS ON SITE	STORAGE CODE TYPE	STORAGE CODE PRES	STORAGE CODE TEMP	SARA CLASS	OFFICIAL USE ONLY
4A																
FAB 5 CABINET	8-PG II	Pottassium Hydroxide	Potassium hydroxide	45	1301-58-3	M, L	12.0	6.0	1	GA	365	N	1	4	I	
			water	55	7732-18-5											
	5.1-PG II	Hydrogen Peroxide	Hydrogen peroxide	30	7722-84-1	M, L	12.0	10.0	1	GA	365	N	1	4	R, I	
			water	70	7732-18-5											
	NR	MF 319 Developer	water	97-98		M, L	12.0	10.0	1	GA	365	N	1	4	N	
			surfactant	0.01-1.0												
			tetramethylammonium hydroxide	2.00-3.00	75-95-2											

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Fairchild Il. ▫ **Non-Waste Hazardous Materials Inventory Statement**
1 1cCarthy Boulevard, Milpitas, CA 95035

STORAGE FACILITY ID:	DOT HAZARD CLASS	COMMON / TRADE NAME	CHEMICAL NAME COMPONENTS AND CONCENTRATION	%	CAS#	PHYS STATE	QUANTITY ON HAND MAX	AVG	LARGEST CONTAINER	UNITS	DAYS ON SITE	STORAGE CODE TYPE	PRES	TEMP	SARA CLASS	OFFICIAL USE ONLY
JB FAB CABINET	NR	MF-319 Developer	Water	97	75-59-2	M,L	12	10	1	GA	365	N	1	4	I	
			Tetramethylammonium Hydroxide	3	7732-18-5											
	8-PG III	Ammonium Hydroxide	Ammonium Hydroxide	30		M,L	12	10	1	GA	365	N	1	4	I	
			Water	70	75-59-2											
	8-PG II	Potassium Hydroxide	Potassium Hydroxide	45	1301-58-3	M,L	12	10	1	GA	365	N	1	4	I	
			Water	55	75-59-2											
	8-PG II	AZ 327 MIF Developer	Tetramethylammonium Hydroxide	3	75-59-2	M,L	24	12	1	GA	365	N	1	4	I	

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1801 McCarthy Boulevard, Milpitas, CA 95035

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4C FAB CABINET	3-PG II	Misc. Flammable Liquids	Misc. Flammable Liquids			M,L	<20	<20	1	GA	365	N	1	4	F,P,D,I	

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1801 McCarthy Boulevard, Milpitas, CA 95035

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FAb refrigerator 4D1	3-PG III	Shipley System 812 Photoresist	Ethyl lactate	44	687-47-8	M,L	10.0	10.0	1	GA	365	M	1	6	F	
			Amidole	22	100-66-3											
			N-Amyl Acetate	5												
			Isoamyl acetate	3	123-92-2											
	3-PG III	Shipley Microposit SPR2 - 1.3 N	Ethyl Lactate	68	687-47-8	M,L	3.0	1.0	1	GA	365	M	1	6	F	
			N-Butyl Acetate	4	123-86-4											
			Xylene	4	1330-20-7											
			Non-Hazardous Ingredients	24	NA											
	3-PG II	Microposit TF-20 Photoresist	Ethoxyethanol, 2	50	110-80-5	M,L	1.0	1.0	1	QT		N	1	6	I,D,F	
			N-butylacetate	6	123-86-4											
			Xylene	6	1330-20-7											
	3-PG II	Megaposit SR-2FX 1.8	Ethyl Lactate	63	683-47-8	M,L	1.0	1.0	1	QT	365	M	1	6	F	
	3-PG II	Megaposit SPR-2 FX 1.3	Ethyl Lactate	68	684-47-8	M,L	3.0	1.0	1	QT	365	M	1	6	I,D,F	
	NR	5124 E photoresist	Polyethylene glycol monoethyl ether acetate	71		M,L	2.0	1.0	1	GA	365	M	1	6	I,F	
			1-methoxy -2-pyrol acetate		108-65-6											
			cresolformaldehyde		117520-84-0											
	NR	AZ P4400	Polyethylene glycol monoethyl ether acetate	64		M,L	2.0	1.0	1	GA	365	M	1	6	I,F	
			1-methoxy -2-pyrol acetate		108-65-6											
			cresolformaldehyde		117520-84-0											
			2,1,5-diazonaphtoquinon ester		5610-94-6											
	NR	AZ P4620 Photoresist	Propylene Glycol Monomethyl Ether Acetate	59	108-65-6	M,L	2.0	2.0	1	QT	365	M	1	6	F	
	NR	Microposit S1805 Photoresist	Propylene Glycol Monomethyl Ether Acetate	81-86	108-65-6	M,L	1.0	1.0	1	QT	365	M	1	6	D	
			Mixed Cresol Novalac resin	10-20	NA											

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Fairchild Ir g:Non-Waste Hazardous Materials Inventory Statement
18. Carthy Boulevard, Milpitas, CA 95035

STORAGE FACILITY ID:	DC HAZARD CLASS	COMMON / TRADE NAME	CHEMICAL NAME COMPONENTS AND CONCENTRATION	%	CAS#	PHYS STATE	QUANTITY ON HAND			UNITS	DAYS ON SITE	STORAGE CODE			SARA CLASS	OFFICIAL USE ONLY
							MAX	AVG	LARGEST CONTAINER			TYPE	PRES	TEMP		
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Fairchild Imaging Hazardous ous Waste Inventory
1801 McCarthy Blvd. Milpitas, CA

STORAGE FACILITY ID:	DOT HAZARD CLASS	COMMON / TRADE NAME	CHEMICAL NAME COMPONENTS AND CONCENTRATION	%	CAS#	PHYS STATE	QUANTITY ON HAND MAX	QUANTITY ON HAND AVG	QUANTITY ON HAND LARGEST CONTAINER	UNITS	DAYS ON SITE	STORAGE CODE TYPE	STORAGE CODE PRES	STORAGE CODE TEMP	SARA CLASS	Annual Thruput (tons)	OFFICIAL USE ONLY
5	3-PGII	Waste Mixed Solvent	Acetone Isopropanol Photo Resist	N/A N/A N/A	67-64-1 67-63-0 N/A	M,L	165.0	55.0	55	GA	365	D	1	4	F	3.0	
	8	Acid Contaminated Debris	Glass And Plastic Hydrofluoric Acid Phosphoric Acid Nitric Acid	94-99 0-1 0-1 0-1	N/A 7664-39-3 7764-38-2 7697-37-2	M,L	165.0	55.0	55	GA	365	E	1	4	I	1	
	9-PGIII	Solvent Contaminated Debris	Lab Equipment Acetone Isopropanol	99-100 0-1 0-1	N/A 67-64-1 67-63-0	M,S	165.0	55.0	55	GA	365	D	1	4	I,D	1.5	
	N/A	Misc. Debris/Solids	Misc Debris	N/A	N/A	M,S	165.0	55.0	55	GA	365	D,E	1	4	N/A	1.5	
	N/A	Misc. Liquids	Misc Liquids	N/A	N/A	M,L	165.0	55.0	55	GA	365	D,E	1	4	N/A	1.5	
	N/A	Waste Stripper Solution	Alkanol amine solution N-Methyl-Pyrrolidone Solvents	40-55 30-40 0-30	67-64-1 872-50-4 N/A	M,L	165.0	55.0	55	GA	365	E	1	4	I,D	3.0	
	N/A	Waste Oil	N/A	N/A	N/A	M,L	165.0	55.0	55	GA	365	D	1	4	I,D	1.0	
	N/A	Contaminated Quartz Glass	Quartz glass plastic debris	95-100 0-5	N/A N/A	M,S	165.0	55.0	55	GA	365	D	1	4	I,D	0.5	
	N/A	Misc Universal Wastes Fluorescent Lamps	Fluorescent Lamps		N/A	S		2 tubes	8 ft tube		365					<1	
7 (Back Pad adj to AWN)	8	Waste Hydroflouric Acid/Water	HF	0-5%	7664-39-3	M,L	5500.0	500.0	5500	GA	365	R	1	4	I	60	

Fairchild Imaging Non Waste Inventory
1801 McCarthy Blvd. Milpitas, CA

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5	3-PGIII	Misc Oils	Misc Oils (examples include VT-CRO vacuum pump fluid, Dubois oil Corrshield NT402)		N/A	M,L	**220.0**	220.0	55	GA	365	D	1	4	N	
	3PG-III	Diesel Fuel	Diesel Fuel		N/A	M, L	**110.0**	110.0	55	GA	365	D	1	4	N	
Loading Dock	Non Haz per DOT	Industrial Dielectric Oil (Daila Oil)	Hydrotreated distillates	50-100	64742-46-7 647-53-6	L	**100.0**	100.0	100	GA	365	A	1	4	NA	
	Universal Waste	Misc. Electronic Scrap				S			Typically one pallet		365				NA	

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'airchild Imaging Non Waste Hazardous Materials
1801 arthy Boulevard, Milpitas, CA 95035

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6A EXTERNAL GAS BOTTLE STORAGE	2.2	Nitrogen	Nitrogen	99	7727-37-9	P, G	1400.0	1400.0	228	CF	365	L	2	4	P	
	2.2	Helium	Helium	99	7440-59-7	P, G	872.0	436.0	218	CF	365	L	2	4	P	
	2.1/5.1	Oxygen	Oxygen	99	7440-59-7	P,G	498.0	498.0	249	CF	365	L	2	4	P,R	
	2.2	Freon 116	Hexaflouroethane	99	76-16-4	P,G	266.0	266.0	266	CF	365	L	2	4	P	
	2.2	Freon 23	Trifluoromethane	99	75-46-7	P,G	385.0	385.0	385	CF	365	L	2	4	P	
	2.2	Argon	Argon	99	7440-37-1	P,G	684.0	228.0	228	CF	365	L	2	4	P	
	2.1	Acetylene	Acetylene	99	74-86-2	P,G	200.0	200.0	100	CF	365	L	2	4	P,F	
	2.2	Carbon Dioxide	Carbon Dioxide	99	124-38-9	P,G	456.0	228.0	228	CF	365	L	2	4	P	
	2.2	Freon 14	Tetraflouromethane	99	75-73-01	P,G	307.0	307.0	307	CF	365	L	2	4	P	
	2	Nitrogen/Hydrogen	Nitrogen Hydrogen	95 5	7727-37-9 1333-74-0	M,G	1368.0	684.0	228	CF	365	L	2	4	P	
	2.2	Sulfer Hexaflouride	Sulfer Hexaflouride	99	2551-62-4	P,G	100.0	100.0	100	lbs	365	L	2	4	P	

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							MAX	AVG	LARGEST CONTAINER			TYPE	PRES	TEMP		
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Fairchild In **n-Waste Hazardous Materials Inventory Statement**
18 Carthy Boulevard, Milpitas, CA 95035

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8A																
CHEMICAL BULK STORAGE	8-PG II	Sodium Hydroxide Main Storage Tank (Tank #1)	Sodium Hydroxide Water	30 70	1310-73-2	M,L	**2000.0**	1300.0	2000	GA	365	A	1	4	I	
	8-PG II	Hydrochloric Acid Neutralization System (Tank #4)	Hydrogen Chloride Water	25 75	7647-01-0	M,L	**375.0**	250.0	375	GA	365	A	1	4	I	
	8-PG II	Sodium Hydroxide Neutralization System (Tank #5)	Sodium Hydroxide Water	1-30 3-10	1310-73-2	ML	**1000.0**	800.0	1000	GA	365	A	1	4	I	
	8-PGIII	Sodium Bisulfite Solution	Sodium Bisulfite Water	1-3 4-6	7681-57-4	M,L	**100.0**	100.0	100	GA	365	E	1	4	R	
	NR	Vitec 3000 Descaling Solution				M,L	**75.0**	75.0	75	GA	365	E	1	4	R	

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Fa naging, Inc. Non Waste Inventory
18' Carthy Boulevard, Milpitas, CA 95035

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8B	3	Diesel Fuel	Petroleum Distillate	100	77650-25-8	M,L	**165**	125	55	GA	365	A	1	4	F	

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Fairchild Imaging Non Waste HazMat Inventory
McCarthy Boulevard, Milpitas, CA 95035

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8C Cooling Tower Area	8	Misc Cooling Tower Chemicals				M, L	150.0	150.0	35	GA	365	E	1	4	R	

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Fairchild Imaging Non Waste HazMat Inventory
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Fai 'maging, Inc. : **Non-Waste Hazardous Materials Inventory Statement**
180 ..y Boulevard, Milpitas, CA 95035

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8D Cooling Tower Area	Not Hazardous by DOT regulations	Industrial Dielectric Oil (Daila Oil) Note: Transformer Insulating Oil	Hydrotreated middle distillate Hydrotreated light distillate Butylated Hydroxy Toluene	50-100 0-50 <0.2	64742-46-7 647-53-6 128-97-0	L	**760.0**	760.0	380	GAL.	365	A	1	4	NA	

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LOCKHEI -hild Systems:Non-Waste Hazardous Materials Inventory Statement
1801 McCa d, Milpitas, CA 95035

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9 GAS BULK STORAGE	2.2	Liquid Oxygen	Oxygen	100	7782-44-7	P,L	1500.0	750.0	1500	GA	365	A	2	7	P,R	
	2.1	Liquid Hydrogen (Tank #7)	Hydrogen	100	1333-74-0	P,L	1500.0	750.0	1500	GA	365	A	2	7	P,F	

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...hild Systems:Non-Waste Hazardous Materials Inventory Statement
...d, Milpitas, CA 95035

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10A-1																
	2.2	Helium	Helium	99	7440-59-7	P,G	436.0	436.0	218	CF	365	L	2	4	P	
	2.2	Freon 14	Tetra Fluoromethene	99	NA	P,G	68.0	68.0	68	CF	365	L	2	4	P	

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							MAX	AVG	LARGEST CONTAINER			TYPE	PRES	TEMP		
10A-2 (NCAB31)	2.2	Sulfur Hexafluoride	Sulfur Hexafluoride	99	2551-62-4	P,G	**100.0**	100.0	100	lbs	365	L	2	4	P	
	2.2	Helium	Helium	99	7440-59-7	P,G	**218.0**	218.0	218	CF	365	L	2	4	P	

Fairchild Imaging, Inc. :Non-Waste Hazardous Materials Inventory Statement

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10A-3 (NCAB32)	2.2	Argon	Argon	99	7440-37-1	P,G	**248.0**	248.0	248	CF	365	L	2	4	P	
	2.2	Helium	Helium	99	7440-59-7	P,G	**218.0**	218.0	218	CF	365	L	2	4	P	
Note: The cabinet above can store any of these																

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							MAX	AVG	LARGEST CONTAINER			TYPE	PRES	TEMP		
10A4 (NCAB33)	2.2	Sulfur Hexafluoride	Sulfur Hexafluoride	99	2551-62-4	P,G	200.0	200	200	LBS	365	L	2	4	P	
	2.2	Argon	Argon	99	7440-37-1	P,G	248.0	248.0	248	CF	365	L	2	4	P	

LOCKHEEL ild Systems:Non-Waste Hazardous Materials Inventory Statement
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STORAGE FACILITY ID:	DOT HAZARD CLASS	COMMON / TRADE NAME	CHEMICAL NAME COMPONENTS AND CONCENTRATION	%	CAS#	PHYS STATE	QUANTITY ON HAND MAX	AVG	LARGEST CONTAINER	UNITS	DAYS ON SITE	STORAGE CODE TYPE	PRES	TEMP	SARA CLASS	OFFICIAL USE ONLY
10A-5																
	2.2	Freon 14	Tetra Fluoromethane	99	NA	P,G	68.0	68.0	68	LBS	365	L	2	4	P	
	2.2	De100/Oxygen	Oxygen	4	7782-44-7	M,G	83.0	83.0	83	LBS	365	L	2	4	P	
			Freon 14	96												

(MSDS) shall be readily available on the premises for hazardous materials listed above.

*DO NOT STORE ANY CHEMICALS THAT ARE NOT LISTED ABOVE.

*ITS ILLEGAL TO STORE MORE THAN MAXIMUM QUANTITIES FOR THIS LOCATION (Highlighted Area)
If you have to store any additional quanties please call x2660

Fairchild Imaging Non-Waste Hazardous Materials Inventory Statement

1801 McCarthy Boulevard, Milpitas, CA 95035

STORAGE FACILITY ID:	DOT HAZARD CLASS	COMMON / TRADE NAME	CHEMICAL NAME COMPONENTS AND CONCENTRATION	%	CAS#	PHYS STATE	QUANTITY ON HAND			UNITS	DAYS ON SITE	STORAGE CODE			SARA CLASS	OFFICIAL USE ONLY
							MAX	AVG	LARGEST CONTAINER			TYPE	PRES	TEMP		
10A6																
&	2.2	Helium	Helium	100	7440-59-7	P,G	436.0	218.0	218	CF	365	L	2	4	P	
10A7	2.2	Helium	Helium	100	7440-59-7	P,G	436.0	218.0	218	CF	365	L	2	4	P	

STORAGE FACILITY ID:	DOT HAZARD CLASS	COMMON / TRADE NAME	CHEMICAL NAME COMPONENTS AND CONCENTRATION	%	CAS#	PHYS STATE	QUANTITY OI MAX	QUANTITY OI AVG
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STORAGE FACILITY ID:	DOT HAZARD CLASS	COMMON / TRADE NAME	CHEMICAL NAME COMPONENTS AND CONCENTRATION	%	CAS#	PHYS STATE	QUANTITY ON HAND MAX	QUANTITY ON HAND AVG	QUANTITY ON HAND LARGEST CONTAINER	UNITS	DAYS ON SITE	STORAGE CODE TYPE	STORAGE CODE PRES	STORAGE CODE TEMP	SARA CLASS	OFFICIAL USE ONLY
10B																
		Hazardous Waste Stripper	alkanol, amine solution N-Methyl Pyrrolidone proprietary solvent and water	40-55 30-40 0-30		M,L	**55.0**	55.0	55	GA	365	D	1	4	D	
	2.2	Argon	Argon	99	7440-37-1	P,L	**498.0**	498.0	248	CF	365	L	2	4	P	

Fairchild Imaging Non-Waste
1801 McCarthy Boulevard, Milpitas, CA 95035

STORAGE FACILITY ID:	DOT HAZARD CLASS	COMMON / TRADE NAME	CHEMICAL NAME COMPONENTS AND CONCENTRATION	%	CAS#	PHYS STATE	QUANTITY ON HAND MAX	QUANTITY ON HAND AVG	QUANTITY ON HAND LARGEST CONTAINER	UNITS	DAYS ON SITE	STORAGE CODE TYPE	STORAGE CODE PRES	STORAGE CODE TEMP	SARA CLASS	OFFICIAL USE ONLY
10B	2.2	Argon	Argon	99	7440-37-1	P,G	596.0	596.0	248	CF	365	L	2	4	P	

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STORAGE FACILITY ID:	DOT HAZARD CLASS	COMMON / TRADE NAME	CHEMICAL NAME COMPONENTS AND CONCENTRATION	%	CAS#	PHYS STATE	QUANTITY ON HAND MAX	QUANTITY ON HAND AVG	QUANTITY ON HAND LARGEST CONTAINER	UNITS	DAYS ON SITE	STORAGE CODE TYPE	STORAGE CODE PRES	STORAGE CODE TEMP	SARA CLASS	OFFICIAL USE ONLY
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STORAGE FACILITY ID:	DOT HAZARD CLASS	COMMON / TRADE NAME	CHEMICAL NAME COMPONENTS AND CONCENTRATION	%	CAS#	PHYS STATE	QUANTITY ON HAND			UNITS	DAYS ON SITE	STORAGE CODE			SARA CLASS	OFFICIAL USE ONLY
							MAX	AVG	LARGEST CONTAINE			TYPE	PRES	TEMP		
10C-1	2.2	Hydrogen/ Nitrogen	Hydrogen Nitrogen	5 95	1333-74-0 7727-37-9	M,G	**460.0**	230.0	230	CF	365	L	2	4	P,F	
Adj. To 10C-1	2	Nitrous Oxide	Nitrous Oxide	99	10024-97-2	P,G	**60.0**	60.0	60	LBS	365	L	2	4	P	
Adj. To 10C-1	2	Nitrogen	Nitrogen	99	7727-37-9	P,G	**228.0**	228.0	228	CF	365	L	2	4	P	
Adj to old change room	2	Helium	Helium	99	7440-59-7	P.G	**218.0**	218.0	218	CF	365	L	2	4	P	

STORAGE FACILITY ID:	DOT HAZARD CLASS	COMMON / TRADE NAME	CHEMICAL NAME COMPONENTS AND CONCENTRATION	%	CAS#	PHYS STATE	QUANTITY ON HAND			UNITS	DAYS ON SITE	STORAGE CODE			SARA CLASS	OFFICIAL USE ONLY
							MAX	AVG	LARGEST CONTAINE			TYPE	PRES	TEMP		
10C-2	2.2	Sulfur Hexafluoride	Sulfur Hexafluoride	99	2551-62-4	P,G	70.0	70.0	35	LBS	365	L	2	4	P	

STORAGE FACILITY ID:	DOT HAZARD CLASS	COMMON / TRADE NAME	CHEMICAL NAME COMPONENTS AND CONCENTRATION	%	CAS#
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Fairchild Imaging **Non Hazardous Materials Inventory Statement**
1801 McCarthy Boulevard, Milpitas, CA 95035

STORAGE FACILITY ID:	DOT HAZARD CLASS	COMMON / TRADE NAME	CHEMICAL NAME COMPONENTS AND CONCENTRATION	%	CAS#	PHYS STATE	QUANTITY ON HAND MAX	QUANTITY ON HAND AVG	QUANTITY ON HAND LARGEST CONTAINER	UNITS	DAYS ON SITE	STORAGE CODE TYPE	STORAGE CODE PRES	STORAGE CODE TEMP	SARA CLASS	OFFICIAL USE ONLY
10C-4																
	2.2	Helium	Helium	99	7440-59-7	P,G	**218.0**	218.0	218	CF	365	L	2	4	P	
	2.2	Nitrogen	Nitrogen	99	7727-37-0	P,G	**228.0**	228.0	228	CF	365	L	2	4	P	
NCab21	2	Helium	Helium	99	7440-59-7	P,G	**218.0**	218.0	218	CF	365	L	2	4	P	
(10C-5)	2.2	Nitrogen	Nitrogen	99	7727-37-0	P,G	**228.0**	228.0	228	CF	365	L	2	4	P	
NCab20	2	Freon 14	Halocarbon	99	75-73-01	P,G	**70.0**	70.0	70	LBS	365	L	2	4	P	
		5%Hydrogen/	Hydrogen	5	1333-74-0	M,G	**230.0**	230.0	230	CF	365	L	2	4	P	
		Nitrogen	Nitrogen	95	7727-37-9											

STORAGE FACILITY ID:	DOT HAZARD CLASS	COMMON / TRADE NAME	CHEMICAL NAME COMPONENTS AND CONCENTRATION	%	CAS#	PHYS STATE	QUANTITY ON HAND MAX	QUANTITY ON HAND AVG	QUANTITY ON HAND LARGEST CONTAINER	UNITS	DAYS ON SITE	STORAGE CODE TYPE	STORAGE CODE PRES	STORAGE CODE TEMP	SARA CLASS	OFFICIAL USE ONLY
Fab																
10/20 Bank Diffusion Furnace	3-PG II	Trichloroethane, 1-1-1 (TCA)	Trichloroethane, 1-1-1	100	71-55-6	P,L	4500.0	4500.0	1500	cc	365	N	1	4	F	
40 Bank Diffusion Furnace	3-PG II	Dichloroethylene (Trans LC)	Trans-1,2 Dichloroethylen	100	156-60-5	P,L	6000.0	6000.0	1500	cc	365	N	1	4	F	

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Fairchild Imaging Non-Waste Hazardous Materials Inventory Statement
1801 McCarthy Boulevard, Milpitas, CA 95035

STORAGE FACILITY ID:	DOT HAZARD CLASS	COMMON / TRADE NAME	CHEMICAL NAME COMPONENTS AND CONCENTRATION	%	CAS#	PHYS STATE	QUANTITY ON HAND			UNITS	DAYS ON SITE	STORAGE CODE			SARA CLASS	OFFICIAL USE ONLY
							MAX	AVG	LARGEST CONTAINER			TYPE	PRES	TEMP		
10D1 FAB CABINET	3-PG II	Isopropyl Alcoho	Isopropyl Alcohol	100	P,L	1	1.0	1.0	1.0	GA	365	N	1	4	F,D	
	3-PG II	Acetone	Acetone	100	P,L	1	1.0	1.0	1.0	GA	365	N	1	4	F,D	
	3-PG II	Methanol	Methanol	100	P,L	1	1.0	1.0	1.0	GA	365	N	1	4	F,D	
	6.1	Tetrachloroethylene		99	P,L	1	6.0	3.0	1.0	GA	365	N	1	4	D	

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Fairchild Imaging Non-Waste Hazardous Materials Inventory Statement

1801 McCarthy Boulevard, Milpitas, CA 95035

STORAGE FACILITY ID:	DOT HAZ CLASS	COMMON / Trade Name	Chem Name Components Concentration	%	CAS#	PHYS STATE	QUANTITY ON HAND MAX	QUANTITY ON HAND AVG	QUANTITY ON HAND LARGEST CONTAINER	UNITS	DAYS ON SITE	STORAGE CODE TYPE	STORAGE CODE PRES	STORAGE CODE TEMP	SARA CLASS	OFFICIAL USE ONLY
12B Thinning Cabinet		Misc. Oxidizers				M,L	**10.0**	10.0	5	LBS	365	M	1	4		

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LOCKHEE :hild Systems:Non-Waste Hazardous Materials Inventory Statement
1801 Mc\ /d, Milpitas, CA 95035

STORAGE FACILITY ID:	DOT HAZARD CLASS	COMMON / TRADE NAME	CHEMICAL NAME COMPONENTS AND CONCENTRATION	%	CAS#	PHYS STATE	QUANTITY ON HAND MAX	QUANTITY ON HAND AVG	QUANTITY ON HAND LARGEST CONTAINER	UNITS	DAYS ON SITE	STORAGE CODE TYPE	STORAGE CODE PRES	STORAGE CODE TEMP	SARA CLASS	OFFICIAL USE ONLY
10D2	8 PG II	Sulphuric Acid	Sulphuric Acid	100			1.0	1.0	1	GA	365	N	1	4	I	
	8 PG II	Hydrogen Peroxide	Hydrogen Peroxide	100			1.0	1.0	1	GA	365	N	1	4	I,F	

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10E (Corrosive Gas Blockhouse)																
CAB1	2.3	Chlorine	Chlorine	100	7782-50-5	P,G	**15.0**	15.0	15	LBS	365	L	2	4	I,P	
	2.2	Nitrogen	Nitrogen	100	7727-37-9	P,G	**228.0**	228.0	228	CF	365	L	2	4	P	
CAB2	2.3	Chlorine	Chlorine	100	7782-50-5	P,G	**15.0**	15.0	15	LBS	365	L	2	4	I,P	
	2.2	Nitrogen	Nitrogen	100	7727-37-9	P,G	**228.0**	228.0	228	CF	365	L	2	4	P	
		Note: The cabinets below can store any of these														
CAB3	2.3	Boron Trichloride	Boron Trichloride	99	10294-34-5	P,G	**40.0**	40.0	40	LBS	365	L	2	4	I,P	
	2.2	Nitrogen	Nitrogen	100	7727-37-9	P,G	**228.0**	228.0	228	CF	365	L	2	4	P	
CAB5	2.3	Chlorine	Chlorine	100	7782-50-5	P,G	**15.0**	15.0	15	LBS	365	L	2	4	I,P	
	2.2	Nitrogen	Nitrogen	100	7727-37-9	P,G	**228.0**	228.0	228	CF	365	L	2	4	P	
CAB6	2.3	Chlorine	Chlorine	100	7782-50-5	P,G	**15.0**	15.0	15	LBS	365	L	2	4	I,P	
	2.2	Nitrogen	Nitrogen	100	7727-37-9	P,G	**228.0**	228.0	228	CF	365	L	2	4	P	
CAB7	2.3	Chlorine	Chlorine	100	7782-50-5	P,G	**15.0**	15.0	15	LBS	365	L	2	4	I,P	
	2.2	Nitrogen	Nitrogen	100	7727-37-9	P,G	**228.0**	228.0	228	CF	365	L	2	4	P	
CAB8	2.3	Hydrogen Chloride	Hydrogen Chloride	99	7647-01-0	P,G	**60.0**	60.0	60	LBS	365	L	2	4	I,P	
	2.2	Nitrogen	Nitrogen	99	7727-37-9	P,G	**228.0**	228.0	228	CF	365	L	2	4	P	
CAB9	2.3	Chlorine	Chlorine	100	7782-50-5	P,G	**15.0**	15.0	15	LBS	365	L	2	4	I,P	
	2.3	Boron Trichloride	Boron Trichloride	99	10294-34-5	P,G	**40.0**	40.0	40	LBS	365	L	2	4	I,P	
CAB 11	2.2	Nitrogen	Nitrogen	99	7727-37-9	P,G	**228.0**	228.0	228	CF	365	L	2	4	P	
	2.3	Boron Trichloride	Boron Trichloride	99	10294-34-5	P,G	**40.0**	40.0	40	LBS	365	L	2	4	I,P	
CAB12	2.3	Hydrogen Chloride	Hydrogen Chloride	99	7647-01-0	P,G	**60.0**	60.0	60	LBS	365	L	2	4	I,P	
	2.2	Nitrogen	Nitrogen	99	7727-37-9	P,G	**228.0**	228.0	228	CF	365	L	2	4	P	
CAB16	2.3	Boron Trichloride	Boron Trichloride	99	10294-34-5	P,G	**40.0**	40.0	40	LBS	365	L	2	4	I,P	
	2.3	Chlorine	Chlorine	100	7782-50-5	P,G	**15.0**	15.0	15	LBS	365	L	2	4	I,P	

1801 McCarthy Boulevard, Milpitas, CA 95035

STORAGE FACILITY ID:	DOT HAZARD CLASS	COMMON / TRADE NAME	CHEMICAL NAME COMPONENTS AND CONCENTRATION	%	CAS#	PHYS STATE	QUANTITY ON HAND MAX	AVG	LARGEST CONTAINER	UNITS	DAYS ON SITE	STORAGE CODE TYPE	PRES	TEMP	SARA CLASS	OFFICIAL USE ONLY
10F																
(Flammable Gas Blockhouse)																
CAB3		(out of service)														
CAB2	2.3	Phosphine	Phosphine													
CAB4	2.2	Nitrogen	Nitrogen	99	7727-37-9	P,G	**228.0**	228.0	228	CF	365	L	2	4	P	
	2.1	Silane	Silane	99	7803-62-5	P,G	**1000.0**	1000.0	1000	GR	365	L	2	4	P,F,R	
CAB5	2.2	Nitrogen	Nitrogen	99	7727-37-9	P,G	**228.0**	228.0	228	CF	365	L	2	4	P	
	2.3/2.1	20% Phosphine/Silane	Phosphine	20	7803-51-2	M,G	**1000.0**	1000.0	1000	GR	365	L	2	4	P,F,R	
			Silane	80	7803-62-5											
CAB6	2.2	Nitrogen	Nitrogen	99	7727-37-9	P,G	**228.0**	228.0	228	CF	365	L	2	4	P	
	2.3/2.1	40% Diborane/Silane	Diborane	40	19287-45-7	M,G	**26.0**	26.0	26	CF	365	L	2	6	P	
			Silane	60	7803-62-5	M,G										
		Note: the cabinets above can store any of these														
CAB8	2.2	Nitrogen	Nitrogen	99	7727-37-9	P,G	**228.0**	228.0	228	CF	365	L	2	4	P	
	2.2	Nitrogen	Nitrogen	99	7727-37-9	P,G	**228.0**	228.0	228	CF	365	L	2	4	P	
CAB9	2	Ammonia	Ammonia	99	7664-41-7	P,G	**30.0**	30.0	15	LB	365	L	2	4	P,F,R	
CAB10	2.3	Dichlorosilane	Dichlorosilane	99	4109-96-0	P,G	**20.0**	20.0	10	LB	365	L	2	4	I,F,P	
CAB11	2.1	Silane	Silane	99	7803-62-5	P,G	**60.0**	60.0	60	LB	365	L	2	4	P,F,R	
	2.2	Nitrogen	Nitrogen	99	7727-37-9	P,G	**228.0**	228.0	228	CF	365	L	2	4	P	
CAB12	2.2	Nitrogen	Nitrogen	99	7727-37-9	P,G	**228.0**	228.0	228	CF	365	L	2	4	P	
	2.1	Silane	Silane	99	7803-62-5	P,G	**60.0**	60.0	60	LB	365	L	2	4	P,F,R	
CAB13	2	Ammonia	Ammonia	99	7664-41-7	P,G	**30.0**	30.0	15	LB	365	L	2	4	P,F,R	
CAB14	2.1	5% Phosphine/Nitrogen	Phosphine	5	7803-51-2	M,G	**210.0**	210.0	210	CF	365	L	2	4	I,F,P	
	2.2	Nitrogen	Nitrogen	99	7727-37-9	P,G	**228.0**	228.0	228	CF	365	L	2	4	P	
CAB15	2.2	Nitrogen	Nitrogen	99	7727-37-9	P,G	**228.0**	228.0	228	CF	365	L	2	4	P	
	2.3/2.1	22% Phosphine/Nitrogen	Phosphine	22	7803-51-2	M,G	**75.0**	75.0	75	CF	365	L	2	4	P,F,R	
CAB16	2.2	Nitrogen	Nitrogen	99	7727-37-9	P,G	**228.0**	228.0	228	CF	365	L	2	4	P	
	2.1	Silane	Silane	99	7803-62-5	P,G	**60.0**	60.0	60	LB	365	L	2	4	P,F,R	
CAB17	2.2	Nitrogen	Nitrogen	99	7727-37-9	P,G	**228.0**	228.0	228	CF	365	L	2	4	P	
	2.1	Silane	Silane	99	7803-62-5	P,G	**26.0**	26.0	26	CF	365	L	2	4	P	
CAB18	2.2	Nitrogen	Nitrogen	99	7727-37-9	P,G	**228.0**	228.0	228	CF	365	L	2	4	P	
	2.1 2.3A	5% Diborane/Nitrogen	Diborane	5	19287-45-7	M,G	**210.0**	210.0	210	CF	365	L	2	4	P,F,R	

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Flammable Gas Blockhouse 10F																
CAB-8		Nitrogen	Nitrogen	99	7727-37-9	P, G	**456.0**	456.0	228	CF	365	L	2	4	P	
(FOR STORAGE ONLY)																
	THE CABINET CAN STORE ANY OF THESE															
CAB-3	2.1	Silane	Silane	99	7803-62-5	P,G	**1000.0**	1000.0	1000	GR	365	L	2	4	P,F,R	
	2.2	Phosphine	Phosphine	20	7803-51-2	M,G	**2500.0**	2500.0	2500	GR	365	L	2	4	I,F,P	
		Silane	Silane	80	7803-62-5										P,F,R	
	2.3	Dichlorosilane	Dichlorosilane	99	4109-96-0	P,G	**10.0**	10.0	10	LB	365	L	2	4	I,F,P	
	2.1	Silane	Silane	99	7803-62-5	P,G	**60.0**	60.0	60	LB	365	L	2	4	P,F,R	
	2.2	Nitrogen	Nitrogen	99	7727-37-9	P, G	**228.0**	228.0	228	CF	365	L	2	4	P	
	THE CABINET CAN STORE ANY OF THESE															
CAB-2	2.1, 2.3	Phosphine/	Phosphine	22	7803-51-2	M,G	**204.0**	204.0	204	CF	365	L	2	4	I,F,P	
		Nitrogen	Nitrogen	78	7727-37-9											
	2.3	Ammonia	Ammonia	99	7764-41-7	P, G	**15.0**	15.0	15	LB	365	L	2	4	I, P	
	2.2	Nitrogen	Nitrogen	99	7727-37-9	P, G	**228.0**	228.0	228	CF	365	L	2	4	P	

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10G-1																
N-CAB-27	2 2	Carbon Dioxide	Carbon Dioxide	100	124-38-9	G,P	60.6	60.0	60	LBS	365	L	2	4	P	

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10G																
N-CAB-27	2.2	Helium	Helium	100	7440-59-7	P,G	218.0	218.0	218	CF	365	L	2	4	P	
	2.2	Freon 23	Freon 23	99	75-46-7	P,G	200.0	200.0	200	CF	365	L	2	4	P	
N-CAB-28 (10G2)	2.2	Freon 14	Freon 14	99	75-73-01	P,G	200.0	200.0	200	CF	365	L	2	4	P	
(10G1)	2.2	Carbon Dioxide for tool fire supression (clean six)	Carbon Dioxide	99	124-38-9	P,G	300.0 est	300.0 est	300 est	CF	365	L	2	4	P	

STORAGE FACILITY ID:	DOT HAZARD CLASS	COMMON / TRADE NAME	CHEMICAL NAME COMPONENTS AND CONCENTRATION	%	CAS#	PHYS STATE	QUANTITY ON HAND MAX	QUANTITY ON HAND AVG	QUANTITY ON HAND LARGEST CONTAINER	UNITS	DAYS ON SITE	STORAGE CODE TYPE	STORAGE CODE PRES	STORAGE CODE TEMP	SARA CLASS	OFFICIAL USE ONLY
12 Assembly (SAW Room)	3-PGII	Acetone	Acetone	99	67-64-1	P,L	3.0	2.0	1	GA	365	N	1	4	F	
	3-PGII	Isopropyl Alcohol	Isopropanol	100	67-63-0	P,L	2.0	2.0	1	GA	365	N	1	4	F	
	3-PGIII	Markem Specialty Ink 7224 Silve	Tribulty Phosphate Hexahydrophthalic Anhydri	20-50 5	126-73-9 85-42-7	M,S	0.3	0.3	0.25	LB	365	N	1	4	F	
	3-PGI	Methanol	Methanol	8-4	67-56-1	P,L	2.0	2.0	1	GA	365	N	1	4	F	
	3-PGII	Markem 320 Cleaner	Ethyl Acetate Isopropanol	40-60 40-60	141-78-6 67-63-0	M,L	2.0	2.0	1	GA	365	N	1	4	F	
	3	Marken ZY Thinner	n-Butyl Acetate	70	123-86-4	M,L	32.0	32.0	16	OZ	365	M	1	4	F	
	3	Marken Specialty Ink 4481	Propylene Carbonate n-Butyl Acetate	<10 <10	108-32-7 123-86-4	M,L	1.0	1.0	1	PT	365	R	1	4	F	
	3	Markem Specialty Ink 4481 Black	Propylene Carbonate n-Butyl Acetate	<10 <10	108-32-7 123-86-4	M,L	4.0	4.0	4	OZ	365	R	1	4	F	
	3-PGII	N-Methyl Pyrrolidone	N-Methyl Pyrrolidone	99	872-50-4	P,L	1.0	1.0	1	GA	365	M	1	4	F,I	
	8-PGII	Epoxy Hardener XW 397	Isophorone Diamine	N/A	N/A	M,L	0.5	0.5	0.3	KG	365	R	1	4	I	
	8-PGII	Epoxy Hardener XW 396	Isophorone Diamine	N/A	N/A	M,L	0.3	0.3	0.3	KG	365	R	1	4	I	
	NR	EPO TEK 301-2 Part B	N/A	N/A	N/A	M,L	8.0	4.0	4	OZ	365	N	1	4	I	
	NR	EPO TEK 301-2 Part A	N/A	N/A	N/A	M,L	8.0	4.0	4	OZ	365	N	1	4	I	
	3	Dynasolve 225	Petroleum naphtha Dodecylbenzene sulfonic acid	60-100 30-10	64741-66-8 27176-87-0	M, L	10.0	1.0	1	qt	365	R	1	4	F	
	3	Humiseal Thinner 73	Butyl acetate	100	123-86-4	L	1.0	1.0	1	GA	365	F	1	4	F,I,D	

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STORAGE FACILITY ID:	DOT HAZARD CLASS	COMMON / TRADE NAME	CHEMICAL NAME COMPONENTS AND CONCENTRATION	%	CAS#	PHYS STATE	QUANTITY ON HAND MAX	QUANTITY ON HAND AVG	QUANTITY ON HAND LARGEST CONTAINER	UNITS	DAYS ON SITE	STORAGE CODE TYPE	STORAGE CODE PRES	STORAGE CODE TEMP	SARA CLASS	OFFICIAL USE ONLY
12 ASSEMBLY																
	NR	RTV 664 A	Quartz Vinyl/STPD Polydimethylsiloxane Vinyl Containing Resin	30-60 30-60 10-30	14808-60-7 68083-19-2 68584-83-8	M,S	1.0	1.0	1	LB	365	F	1	4	N	
	NR	RTV 664 B	Quartz Vinyl/STPD Polydimethylsiloxane Vinyl Containing Resin	30-60 30-60 10-30	14808-60-7 68083-19-2 68584-83-8	M,S	1.6	1.6	1.6	OZ	365	N	1	4	N	
	ORM-E	TRA-BOND 2151 Resin	Epoxy Resin Mixture Non-Haz. Ingredients	10-30 70-90	25068 N/A	M,S	2.0	2.0	2	CC	365	R	1	4	N	
	ORM-E	TRA-BOND 2151 Hardener	Polyglycol Bis Propylamine	80-100	4246-51-9	M,S	2.0	2.0	2	CC	365	R	1	4	N	
	ORM-E	TRA-DUCT 2902 Resin	Epoxy Resin Mixture Silver Powder	< 30 < 80	25068-38-6 7440-22-4	M,S	20.0	20.0	2	CC	365	R	1	6	N	
	ORM-E	TRA-DUCT 2902 Hardener	Aliphatic Alkylamines Resins	100	N/A	MS	20.0	20.0	2	CC	365	R	1	6	N	
	NR	A-12 Part-A	Epichlorohydrin Resin Calcium Carbonate	60-90 10-30	25068-38-6 1317-65-3	M,S	7.5	7.5	2.5	OZ	365	R	1	4	N	
	NR	A-12 Part B	Aluminum Oxide Triethylenetetramine	30-40 5-10	1344-28-1 112-24-3	M,S	7.5	7.5	2.5	OZ	365	R	1	4	N	
	NR	TRA-DUCT FS-442 Hardener	Aliphatic Polyglycol Amines and Resin Mixtures	100	N/A	MS	6.0	6.0	2	CC	365	R	1	4	N	
	NR	TRA-DUCT FS-442 Resin	Epoxy Resin Mixture Silver Powder	10-30 60-80	N/A 7440-22-4	M,S	6.0	6.0	2	CC	365	R	1	4	N	
	3-PG II	N-Methyl-Pyrrolidone	N-Methyl-Pyrrolidone	99	872-50-4	L	1.0	1.0	1	GA	365	M	1	4	F,LD	
	8-PG II	Epoxy Harden XW 397	Isophorone Diamine	NA	NA	L	0.3	0.3	0.3	EG	354	R	1	4	LD	
	8-PG II	Epoxy Harden XW 396	Isophorone Diamine	NA	NA	L	0.3	0.3	0.3	EG	354	R	1	4	LD	

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Fairchil ·a_ i-Waste Hazardous Materials Inventory Statement
1801 Mc(y Bc ,rd, Milpitas, CA 95035

STORAGE FACILITY ID:	DOT HAZARD CLASS	COMMON / TRADE NAME	CHEMICAL NAME COMPONENTS AND CONCENTRATION	%	CAS#	PHYS STATE	QUANTITY ON HAND MAX	QUANTITY ON HAND AVG	QUANTITY ON HAND LARGEST CONTAINER	UNITS	DAYS ON SITE	STORAGE CODE TYPE	STORAGE CODE PRES	STORAGE CODE TEMP	SARA CLASS	OFFICIAL USE ONLY
13	NR	EPO TEK 301-2 Part B	N/A	N/A	N/A	M,L	4.0	4.0	4	OZ	365	N	1	4	I	
COMPONENT ENG. LAB (2K)	NR	EPO TEK H20E Part B	N/A	N/A	N/A	M,L	2.0	2.0	2	OZ	365	N	1	4	I	
	3-PGI	Primmer S-11 Cleaner	Aliphatic Petroleum Naphtha	80-90	N/A	M,L	32.0	32.0	16	OZ	365	M	1	4	F	
	8-PGII	Epoxy Hardener 5-Minute	2,4,6-Tri(Dimethylaminomethyl)Phen	10-20	90-72-2	M,S	20.0	20.0	2.5	OZ	365	R	1	6	I	
	8-PGII	Epoxy Hardener XW-397	Isophorone Diamine	N/A	N/A	L	0.3	0.3	0.3	KG	365	R	1	4	I	
	8-PGII	Epoxy Hardener XW-396	Isophorone Diamine	N/A	N/A	L	0.3	0.3	0.3	KG	365	R	1	4	I	
	8-PGII	Oxybond 109 DP Hardener	Polyglycol Diamine Epoxy Resin	>50 >20	4246-51-9 N/A	M,L	150.0	150.0	50	ML	365	R	1	4	I	
	NR	RJ-LR8-2N Adhesive, Part B	epoxy resin bipheneola epoxy resin cyanoguanidine imidazol organosilane ester hydrous magnesium silicate silicon dioxide silicon dioxide	20-50 5-20 2-5 <1 <1 10-40 1-3 10-40	1675-54-3 25068-38-6 461-58-5 61698-32-6 2530-83-8 14807-96-6 67762-90-7 7631-86-9	M,L	4.0	4.0	4	OZ	365	R	1	4	I	
	NR	3140 RTV Coating	Trimethylated silica Methyltrimethoxysilane	16 6	68909206 1185553	M.S	24.0	24.0	3	oz	365	N	1	4	F,I (1)	
	8-PG III	Circalok 6252	Polyoxypropylenediamine	>45	9046-10-0	M,L	24.0	12.0	24	oz	365	M	1	4	I,D	
	NR	Circalok 6037	Proprietary Epoxy Resin	>30	Proprietary	M,S	9.0	5.0	3	LB	365	N	1	4	I,D	
	NR	EP29LPSP	Liquid epoxy novolac resin blend, Liquid epoxy biophenol A resin		28064144 25068386	M,L	3.0	1.0	1	QT	365	R	1	4	I,D	

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Fairc iaging:Non-Waste Hazardous Materials Inventory Statement
1801 . .hy Boulevard, Milpitas, CA 95035

STORAGE FACILITY ID:	DOT HAZARD CLASS	COMMON / TRADE NAME	CHEMICAL NAME COMPONENTS AND CONCENTRATION	%	CAS#	PHYS STATE	QUANTITY ON HAND MAX	AVG	LARGEST CONTAINER	UNITS	DAYS ON SITE	STORAGE CODE TYPE	PRES	TEMP	SARA CLASS	OFFICIAL USE ONLY
14 (Camera)	3-PGII	Weld on 2354 Solvent Cement	Methyl Ethyl Ketone	>90	78-93-3	M,L	1.0	1.0	1	GA	365	F	1	4	F	
	3	Tech Spray Fine-L-Kote AR	Acetone Toluene	<10 <25	67-64-1 108-88-3	M,L	12.0	12.0	12	OZ	365	R	1	4	F	
	3-PGII	Isopropyl Alcohol	Isopropanol	100	67-63-0	P,L	2.0	2.0	1	GA	365	N	1	4	F	
	3-PGII	Acetone	Acetone	9-4	67-64-1	P,L	2.0	2.0	1	GA	365	N	1	4	F	
		Conductive Cleaner	N/A	N/A	N/A	M,L	96.0	96.0	32	OZ	365	F	1	4		
	3-PGII	Rosin Flux 135	Propanol Rosin	59 2-10	67-63-0 8050-09-7	M,L	1.0	1.0	1	QT	365	M	1	4	F	
	3-PGII	Rosin Flux 197	Propanol Modified Rosin	59 2-6	67-63-0 8050-09-7	M,L	1.0	1.0	1	GA	365	M	1	4	F	
	3-PGIII	Tek Pak 712 Accelerator	Isopropanol	95-100	67-63-0	M,L	5.6	5.6	0.7	OZ	365	F	1	4	F	
	3-PGIII	Tek Pak 7452 Accelerator	Acetone Isobutane	70-75 15-20	67-64-1 75-28-5	M,L	26.0	26.0	1.75	OZ	365	M	1	4	F	
		CA 40 3M	Ethyl Cyanoacrylate	98-100	7085-85-0	M,L	6.0	6.0	1	OZ	365	M	1	4	I	
		CA 7 Instant Adhesive	Methyl Cyanacrylate	96-100	137-05-3	M,L	6.0	6.0	1	OZ	365	M	1	4	I	
	3	Dap wWeldwood Original Contact Cement	Lactol Spirit Toluene 1,1,1, Trichloroethane	40-50 15-25 15-20	64742-89-8 108-88-3 71-55-6	M,L	32.0	25.0	32	OZ	365	F	1	4	F	
	NR	Dow 3140 RTV Coating	Trimetilated Silica Methytrimethoxysilane	16 6	68909206 1185553	M	18.0	16.0	3	OZ	365	R	1	4	N	
		Scotch Weld 2216 part A and B				M	10.0	10.0	5	GA	365	R	1	4	F	

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Fa ,aging:Non-Waste Hazardous Materials Inventory Statement
1801 . rthy Boulevard, Milpitas, CA 95035

STORAGE FACILITY ID:	DOT HAZARD CLASS	COMMON / TRADE NAME	CHEMICAL NAME COMPONENTS AND CONCENTRATION	%	CAS#	PHYS STATE	QUANTITY ON HAND MAX	QUANTITY ON HAND AVG	QUANTITY ON HAND LARGEST CONTAINER	UNITS	DAYS ON SITE	STORAGE CODE TYPE	STORAGE CODE PRES	STORAGE CODE TEMP	SARA CLASS	OFFICIAL USE ONLY
14 (Camera)	2.2	Envirotech DUSTER 1671	1,1,1,2-Tetrafluoroethane	100	811-97-2	L	10.0	8.0	10	OZ	365	F	1	4	N	
	NR	Flux Cored Solder "285"	Lead	37	7439-92-1	S	96.0	80.0	6	OZ	365	R	1	4	F	
			Antimony	63	7440-36-0											
	NR	Flux Cored solder "44"	Rosin	<3	8050-09-7	S	96.0	80.0	6	OZ	365	R	1	4	F	
	3	Lens cleaner M 6015	IPA		67-63-0	M,L	6.0	4.0	2	OZ	365	N	1	4	F	
			Acetic Acid													
			Acetone		67-64-1											
	9	Loctitte 382 Instant Adhesive	Ethyl Cyano acrylate	85-90	7085-85-0	M,L	4.2	3.0	0.7	OZ	365	N	1	4	F	
			Poly methyl methacrylate	10-15	9011-14-7											
			silica amorphous, fumed	1-3	112945-52-5											
			Phtalic anhydride	0.1-1	85-44-9											
	9	Scotch-Weld Epoxy Adhesive	Amine Terminated Polyn	40-70		S	2.0	2.0	1	G	365	F	1	4	I	
			Kaolin	30-60												
			Carbon Black	.01-.08												
	3-PG II	Depend(R) Activator 7075	Acetone	85-90	67-64-1	L	4.5	4.5	4.5	OZ	365	F	1	4	I	
			Butanal-aniline condensa	15-20	9003-37-6											
	9	SpeedBonder (TM) 325 Adhesive	Polyurethane methacryla	55-60	Proprietary	L	1.7	1.7	1.7	OZ	365	N	1	4	I,D	
			Polyglycol dimethacrylat	25-30	109-16-0											
			Hydroxyalkyl methacryla	5-10	27813-02-1											
			Acrylic Acid	3-5	79-10-7											
			tert-Butyl Peroxybenzoat	1-3	614-45-9											
			Cumene Hydroperoxide	1-3	80-15-9											
			Saccharin	.1-1	81-07-2											
			Substituted Silane	.1-1	2530-85-0											
	9	Circalok 6037	Epoxy resin	30	Proprietary	L	1.0	1.0	1	QT	365	F	1	4	D	
			N-Butyl glycidyl ether	2	08/06/2426											
			Carbon black	1	1333-86-4											

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Fai. iaging:Non-Waste Hazardous Materials Inventory Statement
1801 I chy Boulevard, Milpitas, CA 95035

STORAGE FACILITY ID:	DOT HAZARD CLASS	COMMON / TRADE NAME	CHEMICAL NAME COMPONENTS AND CONCENTRATION	%	CAS#	PHYS STATE	QUANTITY ON HAND MAX	QUANTITY ON HAND AVG	QUANTITY ON HAND LARGEST CONTAINER	UNITS	DAYS ON SITE	STORAGE CODE TYPE	STORAGE CODE PRES	STORAGE CODE TEMP	SARA CLASS	OFFICIAL USE ONLY
14 (Camera)	8-PG III	Circalok 6252	Polyoxypropylenediamir	45	9046-10-0	L	2.0	2.0	2	OZ	365	M	1	4	D	
			Amine compound	45	Proprietary											
			Triethanolamine	10	102-71-6											
			Piperazine	3	110-85-0											
			Amine curing agent	2	31326-29-1											
			Bisphenol A	2	80-05-7											
	9	Sylgard 170 Silicone Elastomer, A	Quartz	46	14808607	L	2.0	2.0	1	LB	365	R	1	4	N	
	9	Slygard 170 Silicone Elastomer, B	Quartz	47	14808607											
			Dimethyl Methylhydrogen Polysiloxane Copolymer	6	68037592	L	2.0	2.0	1	LB	365	R	1	4	N	
	9	CV-2946 Part A	Boron Nitride	65	10043-11-5	S	7.0	7.0	7	GM	365	R	1	4	N	
	9	XV-2946 Part B	Silicone	100		L	94.0	94.0	94	GM	365	M	1	4	N	
	9	3145 RTV Mil-A-46146	Methyltrimethoxysilane	7	1185553	S	10.0	10.0	10	OZ	365	R	1	4	I	
			Trimethylated silica	24	68909206											
	9	Loctite 222 MS	Polyglycol dimethacrylat	50-55	25852-47-5	S	1.7	1.7	1.69	OZ	365	N	1	4	I	
			Polyglycol oleate	35-40	9004-96-0											
			Saccharin	3-5	81-07-2											
			Cumene Hydroperoxide	1-3	80-15-9											
			Propylene glycol	1-3	57-55-6											
			Silica, amorphous, fumed	1-3	112945-52-5											
			N,N-Dialkyltouidines	.1-1	613-48-9											
			Titanium dioxide	.1-.5	13463-67-7											
	9	Dow Corning RTV Sealant 739	Methlytrimethoxysilane	2	1185553	S	10.0	10.0	10	OZ	365	R	1	4	N	
			Carbon Black	1	1333864											
			Silica, Amorpous	4	7631869											
			Calcium Carbonate, treated with Strearic Acid	53	NA-000795											

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Fan . .aging:Non-Waste Hazardous Materials Inventory Statement
1801 .thy Boulevard, Milpitas, CA 95035

STORAGE FACILITY ID:	DOT HAZARD CLASS	COMMON / TRADE NAME	CHEMICAL NAME COMPONENTS AND CONCENTRATION	%	CAS#	PHYS STATE	QUANTITY ON HAND MAX	QUANTITY ON HAND AVG	QUANTITY ON HAND LARGEST CONTAINER	UNITS	DAYS ON SITE	STORAGE CODE TYPE	STORAGE CODE PRES	STORAGE CODE TEMP	SARA CLASS	OFFICIAL USE ONLY
14 (Camera)	2.2	Liquid Nitrogen	Nitrogen	100	7727-37-0	P,L	230.0	230.0	230	Liters	365	L	2	7	P	
	2.2	Helium	Helium	100	7440-59-7	P,G	218.0	218.0	218	CF	365	P,G	2	4	P	

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Fairchild Imaging, Inc.
1801 McCarthy Boulevard, Milpitas, CA 95035

STORAGE FACILITY ID:	DOT HAZARD CLASS	COMMON / TRADE NAME	CHEMICAL NAME COMPONENTS AND CONCENTRATION	%	CAS#	PHYS STATE	QUANTITY ON HAND MAX	QUANTITY ON HAND AVG	QUANTITY ON HAND LARGEST CONTAINER	UNITS	DAYS ON SITE	STORAGE CODE TYPE	STORAGE CODE PRES	STORAGE CODE TEMP	SARA CLASS	OFFICIAL USE ONLY
15 (2K)	2.2	Carbon Dioxide	Carbon Dioxide	100	124-38-9	P,G	456.0	440.0	228	CF	365	L	2	4	P	
	2.2, PG II	Helium	Helium	100	7440-59-7	P,G	218.0	218.0	218	CF	365	L	2	4	P	
	3-PG II	Isopropyl Alcohol	Isopropanol	100	67-63-0	P,L	3.0	2.0	1	GA	365	N	1	4	F	
	3-PG I	Methyl Alcohol	Methanol	100	67-56-1	P,L	3.0	2.0	1	GA	365	N	1	4	F	
	3	Acetone	Acetone	100	67-64-1	P,L	3.0	2.0	1	GA	365	N	1	4	F	

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15b GEMS Room																
	NR	Apiezon grease	Petroleum Product	100	68335-36-4	M,L	200.0	100.0	100	GR	365	R	1	4	N	
	3-PG II	Isopropyl Alcohol	Isopropanol	100	67-63-0	P,L	2.0	1.0	1	GA	365	N	1	4	F	
	3-PG I	Methyl Alcohol	Methanol	100	67-56-1	P,L	4.0	2.0	1	GA	365	N	1	4	F	
	3	Acetone	Acetone	100	67-64-1	P.L	4.0	2.0	1	GA	365	F	1	4	F	
	2	Oxygen	Oxygen	100	7782-44-7	P,G	250.0	250.0	250	CF	365	L	2	4	F	

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Fairchild ?:Non-Waste Hazardous Materials Inventory Statement
18(Carthy Boulevard, Milpitas, CA 95035

STORAGE FACILITY ID:	DOT HAZARD CLASS	COMMON / TRADE NAME	CHEMICAL NAME COMPONENTS AND CONCENTRATION	%	CAS#	PHYS STATE	QUANTITY ON HAND MAX	QUANTITY ON HAND AVG	QUANTITY ON HAND LARGEST CONTAINER	UNITS	DAYS ON SITE	STORAGE CODE TYPE	STORAGE CODE PRES	STORAGE CODE TEMP	SARA CLASS	OFFICIAL USE ONLY
16		This page intentionally left blank														

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LOCKHEEL :nild Systems:Non-Waste Hazardous Materials Inventory Statement
1801 McCarthy ...ard, Milpitas, CA 95035

STORAGE FACILITY ID:	DOT HAZARD CLASS	COMMON / TRADE NAME	CHEMICAL NAME COMPONENTS AND CONCENTRATION	%	CAS#	PHYS STATE	QUANTITY ON HAND MAX	AVG	LARGEST CONTAINER	UNITS	DAYS ON SITE	STORAGE CODE TYPE	PRES	TEMP	SARA CLASS	OFFICIAL USE ONLY
17																
LINE MAINT.	NR	Fomblin Oil	Perfluorinated Polyethers	N/A	69991-67-9	M,L	60.0	60.0	2	EO	365	N	1	4	N	
SHOP	3-PGI	Difloil-20	Refined Petroleum Oil	N/A	64741-88-4	M,L	5.0	5.0	1	GL	365	N	1	4	F	
	NR	Apiezon L Grease	N/A	N/A	N/A	M,L	8.0	8.0	8	OZ	365	R	1	4	N	
	NR	TFE Paste	Isopropyl Alcohol Butyl Oxitol	10-15 13-18	67630 111-76-2	M,L	30.0	30.0	30	ML	365	R	1	4	N	
	NR	Dow Corning 705(R) Diffusion Pump Fluid	Silicone Compound	N/A	N/A	M,L	2.0	2.0	1	QT	365	R	1	4	N	
	NR	Dow Corning (R) High Vacuum Grease	Silica, Amorphous	9	007631869	M,L	16.0	16.0	8	OZ	365	M	1	4	N	
	NR	Solder Sn63X38B	Lead Tin	37 63	7439-92-1 7440-31-5	M,S	3.0	3.0	1	LBS	365	F	1	4	N	
	NR	Cooling System Cleaner 2131N, #7	Sodium Carbonate Oxalic Acid Dihydrate Sodium Naphtalenesulfonate	N/A N/A N/A	497-19-8 6153-56-6 9008-63-3	M,L	10.0	10.0	10	OZ	365	N	1	4	I	
	NR	Comet Liquid Gel Bleach & Cleaner	Sodium Hypochlorite Sodium Hydroxide	1 0.9	7681-52-9 1310-73-2	M,L	21.0	21.0	21	OZ	365	N	1	4	LD	
	NR	PRESTONE Heavy Duty Cooling Syst. Cleaner	Oxalic Acid Magnesium Aluminum Silicate	90-98 1-5	144-62-7 8031-18-3	M,S	9.0	9.0	9	OZ	365	N	1	4	N	
	NR	Ethylene Glycol	Ethylene Glycol	100	107-21-1	P,L	2.0	2.0	1	GA	365	N	1	4	N	
	NR	Dylos Leak Detector	Biocide	<0.1	4719-04-4	M,L	4.0	4.0	4	OZ	365	N	1	4	N	
	NR	PRESTONE Antifreeze/ Coolant	Ethylene Glycol Diethylene Glycol	80-95 0-8	107-21-1 111-46-6	M,L	1.0	1.0	1	GA	365	N	1	4	N	
	NR	EPK 660 Part A Varian-Torrseal	Quartz Epoxy Resin	0.6 30-60	14808-60-7 25068-38-6	M,L	8.0	8.0	8	OZ	365	R	1	4	N	
	NR	EPK 660 Part B Varian-Torrseal	Crystalline Silica Diethylenetriamine Epoxy Resin	15.6 10-30 10-30	14808-60-7 111-40-0 25068-38-6	M,L	8.0	8.0	8	OZ	365	R	1	4	N	
	NR	Santovac 5 Vacuum Pump Fluid	Polyphenyl ether (Trade secret)	N/A	N/A	M,L	1.0	1.0	1	L	365	N	1	4	N	

(MSDS) shall be readily available on the premises for hazardous materials listed above.

***DO NOT STORE ANY CHEMICALS THAT ARE NOT LISTED ABOVE.**

***ITS ILLEGAL TO STORE MORE THAN MAXIMUM QUANTITIES FOR THIS LOCATION (Highlighted Area)**
If you have to store any additional quanties please call x2660

Fairchild Imaging:Non-Waste Hazardous Materials Inventory Statement
301 McCarthy Boulevard, Milpitas, CA 95035

STORAGE FACILITY ID:	DOT HAZARD CLASS	COMMON / TRADE NAME	CHEMICAL NAME COMPONENTS AND CONCENTRATION	%	CAS#	PHYS STATE	QUANTITY ON HAND MAX	AVG	LARGEST CONTAINER	UNITS	DAYS ON SITE	STORAGE CODE TYPE	PRES	TEMP	SARA CLASS	OFFICIAL USE ONLY
17																
Line Maint. Shop	n/a	Flomblin Oil	Perfluorinated Polyethers		69991-67-9	M,L	**60.0**	60.0	2	KG	365	N	1	4	N	
	3-PGI	Diffoil 20	Refined Petroleum Oil		64741-88-4	M,L	**5.0**	5.0	1	GA	365	N	1	4	F	
		Ethylene Glycol	Ethylene Glycol	4-9	107-21-1	P,L	**2.0**	2.0	1	GA	365	N	1	4	D	
	NR	Amax solvent Cleaner and Degreaser					**14.0**	7.0	14	OZ	365	N	1	4		
	NR	Apiezon L Grease				M,L	**4.0**	3.0	4	oz	365	N	1	4	N	
		HE 200 Fluid	Non Hazardous (OHCS),Refined Petrleum oil 100%	100		M,L	**30.0**	20.0	30	oz	365	N	1	4	N	
	3	Isopropanol	Isopropanol	100	67-63-0	P,L	**2.0**	1.5	2	GAL	365	N	1	4	F	
	n/a	Krytox Preformnce Lubricants	Perfluorinated Polyethers		69991-67-9		**10.0**	7.0	10	oz	365	N	1	4	N	
	NR	Preston Antifreeze Coolant	Ethylene Glycol Diethylne Glycol	80-95 0-8	107-21-1 111-46-6	M,L	**2.0**	1.0	2	GAL	365	N	1	4	N	
	NR	Santovac 5 Vacum Pump Fluid	Polyphenyl ether			L	**500.0**	300.0	500	ML	365	N	1	4	N	
	NR	Snoop Liquid Leak Detector				M,L	**120.0**	100.0	120	oz	365	N	1	4	N	
	NR	Contact Cleaner and Lube				M,L	**16.0**	10.0	16	oz	365	N	1	4	N	
	NR	Spra Clean				M,L	**11.0**	8.0	11	oz	365	N	1	4	N	
	NR	Liquid Wrench				M,L	**11.0**	8.0	11	oz	365	N	1	4	N	

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***ITS ILLEGAL TO STORE MORE THAN MAXIMUM QUANTITIES FOR THIS LOCATION (MAX Column)**
If you have to store any additional quantities please call x2660

STORAGE FACILITY ID:	DOT HAZARD CLASS	COMMON / TRADE NAME	CHEMICAL NAME COMPONENTS AND CONCENTRATION	%	CAS#	PHYS STATE	QUANTITY ON HAND MAX	QUANTITY ON HAND AVG	QUANTITY ON HAND LARGEST CONTAINER	UNITS	DAYS ON SITE	STORAGE CODE TYPE	STORAGE CODE PRES	STORAGE CODE TEMP	SARA CLASS	OFFICIAL USE ONLY
19 Janitor CAB		Stainless Steel Cleaner Polish	Petroleum Hydrocarbon Mixture	>100%	8030306		16.0	16.0	1	OZ	365	R				
		Stainless Steel Polish & Conditioner	Spray				12.0	12.0	1	OZ	365	R				
		Floor Care														
		415-786-4567														
		Cleaner	Sodium Dodcyl Benzene Sulfate	<5	68081-81-2											
		Ajax Oxygen Bleach Cleanser	Ground Calcite	84	000471-34-1		10.0	10.0	1	LB	365	R				
		Lemon Oil Polish-Plastic	Petroleum Hydrocarbon Mixture	>100%	8030306		1.0	1.0	1	GA	365	R				
		Lemon Oil Polish-Spray					12.0	12.0	1	OZ	365	R				
		Restore Floor Restorer	Water Non-Ionic Surfactant	90-100	7732-18-8 9036-10-6		16.0	16.0	2	OZ	365	R				
		Non-Acid Bowl Cleaner					32.0	32.0	1	OZ	365	R				
		3M Quat Disinfectant Cleaner Concentrate	Water, Alkyl, Dimethyl Benzyl Ammonium Chloride				1.0	1.0	1	GA	365	R				
		Glass Cleaner Concentrate 3M	Water, Surfactant, Acetic Acid				1.0	1.0	1	GA	365	R				
		Neutral Cleaner - 3M	Water, Hydroxyalkyl, Amine Oxides				1.0	1.0	1	GA	365	R				
		Shells Shine Polish & Surface Preservative	Perchloroethylene	18-20	127-18-4		1.0	1.0	1	GA	365	F	1	4		
		Windo glass Cleaner	Water Pigments, Catalyst, Slovents	85 15			2.0	2.0	1	GA	365	N	1	4		

(MSDS) shall be readily available on the premises for hazardous materials listed above.

***DO NOT STORE ANY CHEMICALS THAT ARE NOT LISTED ABOVE.**

***ITS ILLEGAL TO STORE MORE THAN MAXIMUM QUANTITIES FOR THIS LOCATION (Highlighted Area)**
If you have to store any additional quanties please call **x2650**

STORAGE FACILITY ID:	DOT HAZARD CLASS	COMMON / TRADE NAME	CHEMICAL NAME COMPONENTS AND CONCENTRATION	%	CAS#	PHYS STATE	QUANTITY ON HAND MAX	QUANTITY ON HAND AVG	QUANTITY ON HAND LARGEST CONTAINER	UNITS	DAYS ON SITE	STORAGE CODE TYPE	STORAGE CODE PRES	STORAGE CODE TEMP	SARA CLASS	OFFICIAL USE ONLY
20A Shipping & Receiving	Misc. (Irritant)	Epoxy resins (Freezer Storage)				M,S	4.0	2.0	<1	LB	365	R	1	6	1	
Cold Storage	Misc. (Irritant)	Epoxy Resins (Refrigerator Storage)				M,S	20.0	10.0	<1	LB	365	R	1	6	1	

(MSDS) shall be readily available on the premises for hazardous materials listed above.

***DO NOT STORE ANY CHEMICALS THAT ARE NOT LISTED ABOVE.**

***ITS ILLEGAL TO STORE MORE THAN MAXIMUM QUANTITIES FOR THIS LOCATION (Highlighted Area)**
If you have to store any additional quantities please call **x2660**

STORAGE FACILITY ID:	DOT HAZARD CLASS	COMMON / TRADE NAME	CHEMICAL NAME COMPONENTS AND CONCENTRATION	%	CAS#	PHYS STATE	QUANTITY ON HAND MAX	QUANTITY ON HAND AVG	QUANTITY ON HAND LARGEST CONTAINER	UNITS	DAYS ON SITE	STORAGE CODE TYPE	STORAGE CODE PRES	STORAGE CODE TEMP	SARA CLASS	OFFICIAL USE ONLY
20B Shipping & Receiving	Corrosive	Araldite 2020	Epoxy Resin Isophorone Diamine			M,L	8.0	8.0	1.1	LB	365	R	1	4	I,D	
	Flammable	Loctite 7075	Acetone Isobutane		67-64-1 75-28-5	M,L	9.0	9.0	4.5	OZ	365	F	2	4	I,D	
	Misc. (Irritant)	Epoxy Resins and Silicone Materials				M,L	30.0	30.0	<5	LB	365	R	1	4	I,D	

(MSDS) shall be readily available on the premises for hazardous materials listed above.

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***ITS ILLEGAL TO STORE MORE THAN MAXIMUM QUANTITIES FOR THIS LOCATION (Highlighted Area)**
If you have to store any additional quantities please call **x2660**

STORAGE FACILITY ID:	DOT HAZARD CLASS	COMMON / TRADE NAME	CHEMICAL NAME COMPONENTS AND CONCENTRATION	%	CAS#	PHYS STATE	QUANTITY ON HAND MAX	QUANTITY ON HAND AVG	QUANTITY ON HAND LARGEST CONTAINER	UNITS	DAYS ON SITE	STORAGE CODE TYPE	STORAGE CODE PRES	STORAGE CODE TEMP	SARA CLASS	OFFICIAL USE ONLY
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(MSDS) shall be readily available on the premises for hazardous materials listed above.

***DO NOT STORE ANY CHEMICALS THAT ARE NOT LISTED ABOVE.**

***ITS ILL[illegible]AL TO STORE MORE THAN MAXIMUM QUANTITIES FOR THIS LOCATION (Highlighted Area)**
If you [illegible]o store any additional quantities please call **x2660**

Fairchild Imaging: Non-Waste Hazardous Materials Inventory Statement
1801 McCarthy Boulevard, Milpitas, CA 95035

STORAGE FACILITY ID:	DOT HAZARD CLASS	COMMON / TRADE NAME	CHEMICAL NAME COMPONENTS AND CONCENTRATION	%	CAS#	PHYS STATE	QUANTITY ON HAND MAX	QUANTITY ON HAND AVG	QUANTITY ON HAND LARGEST CONTAINER	UNITS	DAYS ON SITE	STORAGE CODE TYPE	STORAGE CODE PRES	STORAGE CODE TEMP	SARA CLASS	OFFICIAL USE ONLY
21	2.2	Liquid Nitrogen	Nitrogen	100	7727-37-0	P,L	460.0	460.0	230	Liters	365	L	2	7	P	

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If you have to store any additional quantities please call **x2660**

LOCKHEED :child Systems:Non-Waste Hazardous Materials Inventory Statement
1801 McCarth, ..levard, Milpitas, CA 95035

STORAGE FACILITY ID:	DOT HAZARD CLASS	COMMON / TRADE NAME	CHEMICAL NAME COMPONENTS AND CONCENTRATION	%	CAS#	PHYS STATE	QUANTITY ON HAND MAX	AVG	LARGEST CONTAINER	UNITS	DAYS ON SITE	STORAGE CODE TYPE	PRES	TEMP	SARA CLASS	OFFICIAL USE ONLY
23 CHAISE																
	8-PG II	Microposit 354 Developer	Sodium Hyddroxide Water	3 92	1310-73-2 7732-18-5	M,L	5.0	5.0	5	GA	365	L	1	4	R,I	
	8-PGII	Microposit (R) MF-319 Developer	Tetramethyl Ammonium water		75-59-2	M, L	5.0	5.0	5	GA	365	N	1	4	R,D	
	8PG-II	Microposite Developer (R) 327	Tetromethy Ammonium Hydroxide	97	75-59-2	M,L	5.0	5.0	5	GA	365	N	1	4	R	
		Microposit Thinner Type A	2-Echoxyethylacetate			M,L	20.0	20.0	5	GA	365	L	2	4	I,R	
	3-PG II	Hexamethyldisilazane	Hexamethyldisilazane	100	999-97-3	P, L	1.0	1.0	1	GA	365	L	2	4	F, I	
	8-PGII	Microposit (R) MF-319 Developer	Tetramethyl Ammonium water		75-59-2	M, L	1.0	1.0	1	GA	365	L	2	4	R,D	
	8-PGII	Microposit (R) MF-319 Developer	Tetramethyl Ammonium water		75-59-2	M, L	10.0	10.0	5	GA	365	L	2	4	R,D	

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If you have to store any additional quanties please call x2660

child Imaging:Non-Waste Hazardous Materials Inventory Statement
McCarthy Boulevard, Milpitas, CA 95035

STORAGE FACILITY ID:	DOT HAZARD CLASS	COMMON / TRADE NAME	CHEMICAL NAME COMPONENTS AND CONCENTRATION	%	CAS#	PHYS STATE	QUANTITY ON HAND MAX	AVG	LARGEST CONTAINER	UNITS	DAYS ON SITE	STORAGE CODE TYPE	PRES	TEMP	SARA CLASS	OFFICIAL USE ONLY
24																
IR Lab	NR	T-gon 415-22P, Part A Silicone Adhesive	Polydimethylsiloxane	70-90	68083-19-2	M,L	**40.0**	20.0	16	OZ	365	N	1	4	N	
	NR	T-gon 415-22P, PartB	Polydiemethylsiloxane	30-60	68083-19-2	M,L	**8.0**	4.0	4	OZ	365	N	1	4	N	
			Polydiemthylhydrogensiloxane	30-60	68988-57-9											
	3-PGI	Methanol		100	67-56-1	P,L	**250.0**	200.0	200	ML	365	N	1	4	F	
	3-PGII	Isopropyl Alcohol		100	67-63-0	P,L	**250.0**	200.0	200	ML	365	N	1	4	F	
	3-PGII	Acetone		100	67-64-1	P,L	**250.0**	200.0	200	ML	365	N	1	4	F	
		Fe- 55	100 micro curie source			P,S	**2**	2	1	each	365	R	1	4	D	
		Cd-109	100 micro curie source			P,S	**2**	2	1	each	365	R	1	4	D	
	2.2	Liquid Nitrogen	Nitrogen	100	7727-37-0	P,L	**1.0**	1.0	1	Liters	365	L	2	7	P	

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Fairchild Imaging Non-Waste
1801 McCarthy Boulevard, Milpitas, CA 95035

STORAGE FACILITY ID:	DOT HAZARD CLASS	COMMON / TRADE NAME	CHEMICAL NAME COMPONENTS AND CONCENTRATION	%	CAS#	PHYS STATE	QUANTITY ON HAND MAX	QUANTITY ON HAND AVG	QUANTITY ON HAND LARGEST CONTAINER	UNITS	DAYS ON SITE	STORAGE CODE TYPE	STORAGE CODE PRES	STORAGE CODE TEMP	SARA CLASS	OFFICIAL USE ONLY
25 Adjacent to MDA	2.2	Nitrogen	Nitrogen	100	7227-37-9	P,G	**228.0**	228	228	CF	365	L	2	4	P	

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If you have to store any additional quantities please call **x2660**

Fairchild Imaging Non Waste HazMat Inventory

1801 McCarthy Boulevard, Milpitas, CA 95035

STORAGE FACILITY ID:	DOT HAZARD CLASS	COMMON / TRADE NAME	CHEMICAL NAME COMPONENTS AND CONCENTRATION	%	CAS#	PHYS STATE	QUANTITY ON HAND MAX	QUANTITY ON HAND AVG	QUANTITY ON HAND LARGEST CONTAINER	UNITS	DAYS ON SITE	STORAGE CODE TYPE	STORAGE CODE PRES	STORAGE CODE TEMP	SARA CLASS	OFFICIAL USE ONLY
26 Postal	3	Misc Flammable Liquids				L	**20.0**	20.0	1	GA	365	R	1	4	F	

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If you have to store any additional quantities please call **x2660**

Fairchild Imaging, Inc.
1801 McCarthy Boulevard, Milpitas, CA 95035

STORAGE FACILITY ID:	DOT HAZARD CLASS	COMMON / TRADE NAME	CHEMICAL NAME COMPONENTS AND CONCENTRATION	%	CAS#	PHYS STATE	QUANTITY ON HAND MAX	AVG	LARGEST CONTAINER	UNITS	DAYS ON SITE	STORAGE CODE TYPE	PRES	TEMP	SARA CLASS	OFFICIAL USE ONLY
27 Buffing Room	9-PG III	Solvent Contaminated Debris (Note: Thru-put included in totals on page 25)	Lab Equipment Acetone IPA	99-100 0-1 0-1	N/A 67-64-1 67-63-0	M,S	110.0	55.0	55	GA	365	D	1	4	I,D	

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Fairchild Imaging, Inc.
1801 McCarthy Boulevard, Milpitas, CA 95035

STORAGE FACILITY ID:	DOT HAZARD CLASS	CHEMICAL NAME COMMON / TRADE NAME	COMPONENTS AND CONCENTRATION	%	CAS#	PHYS STATE	QUANTITY ON HAND MAX	AVG	LARGEST CONTAINER	UNITS	DAYS ON SITE	STORAGE CODE TYPE	PRES	TEMP	SARA CLASS	OFFICIAL USE ONLY
28 Engineering Cleanroom	2.2 This room can store this	Liquid Nitrogen	Nitrogen	100	7727-37-0	P,L	230.0	230.0	230	Liters	365	L	2	7	P	

SECTION IIA: FAB'S SINKS AND EQUIPMENT

SINKS & EQUIPMENT

Date: July 08, 1996

		LENGTH	WIDTH	DEPTH	ALLOWED CAP.	MAX. Cap
SINK-10	(Solv. Station # 2)					
	Acetone Filter Bath-IPA	10	10	14	2.8	6
	(Solv. Station # 5)					
SINK-11	IPA, Acetone,	8	8	14	2.2	3.85
	SMS-2070-C	8	7.5	13	1.9	3.35
	SMS-2070-C	8	7.5	13	1.9	3.35
	(Solv. Station # 1)					
SINK-16	ST-22	11	8	12	2.26	4.53
	ST-22	11	8	12	2.26	4.53
	GRIND					
	(Solv. Station # 4)					
SINK-30	ISO Dryer (Isopropyl Alcohol)	11.5	10.5	22	7.32	11.4
	ASSEMBLY					
SINK-A11	Solv. Station # 3					
	IPA, Acetone, or Methanol	11.25	8.5	16	4	6.56
	TOTAL				**21.84**	**37.57**
EQUIPMENT, USING ORGANIC CHEMS						
Positive Photoresist Applicator						
	MASKING					**MAX CAP**
	GCA Tracks 1(SPR 2 FX, 812 system, 40 APX)					2.5
	GCA Tracks 2(Polyimite)					0.06
	GCA Tracks 3(812 system, Polyimite, 40 APX)					1.56
	GCA Tracks 4(Ethyl Lactate)					0.5
	All tracks(EBR)					3
	SVG Track 5(SPE 2, System 812, HMDS)					3
	SVG Track 5(EBR)					5
Positive Developer Applicator						
	GCA Tracks 1(319 Developer)					1
	GCA Tracks 2(319 Developer)					1
	SVG Track 3(354 developer)					5
	GCA Tracks 4(319 Developer)					5
	SVG Track 5(319 and 327 developer)					10
	DIFFUSION					
	Bank 40 (TCA)					1
	Bank 40 (TCA)					0.5
	Bank 20(Phosphorusoxychloride)					1
	LAM 690 (Chloroform)					0.5
	TOTAL					**40.62**

	WET STATIONS						
	SINK	MASKING	LENGTH INCHES	WIDTH INCHES	DEPTH INCHES	MAX. CAP. GAL	
	SINK-12	BOE 6:1 Filter Bath	18	9	11	7.65	
		BOE 6:1 Filter Bath	18	9	11	7.65	
	SINK-13	SP Quench # 1 (Sulf. Acid)	11	7.5	8	2.8	
		SP Quench # 1 (Sulf. Acid)	11	7.5	8	2.8	
	SINK-14	Nitride Etch (Phosp. Acid)	11	7.5	8	2.8	
		KOH Quench # 1	11	7.5	8	2.8	
		KOH Quench # 2	11	7.5	8	2.8	
	SINK-15	PVX-Etch (Amm. Fluoride)	11	9.5	8	3.59	
		ENG (Hyd. Peroxide/ Sulf. Acid)	11	7.5	8	2.8	
	SINK-16	Metal Etch (Nitric Acid/ Phosp. Acid)	11	7.5	8	2.8	
		DIFFUSION					
	SINK-31	HF	8	6.5	7	1.56	
		HF	8	6.5	7	1.56	
	SINK-18	HF 10:1	11.5	9.5	7	3.28	
	SINK-19	Amm. Hydroxide/ Hyd. Peroxide	13.5	8	9	4.17	
		BOE 6:1	13.5	8	10	4.64	
		HCl/ Hydrogen Peroxide	13.5	8	9	4.17	
	CLEAN-3	Ammonium Hydroxide	17	14	10	10.21	
	CLEAN-2	Phosphoric Acid				4	
		HCl				4	
		Sulfuric Acid				4	
		Ammonium Hydroxide				4	
	SINK-20	Bottle Wash	N/A	N/A	N/A	0	
	SINK-21	Quartz Clean	N/A	N/A	N/A	0	
	SINK-22	Quartz Clean	N/A	N/A	N/A	0	
	CLEAN-4	Tube Wash	N/A	N/A	N/A	0	
		METAL					
	SINK-25	Amm. Hydroxide/ Hyd. Peroxide	7.5	7.5	7	1.69	
		HCl/ Hydrogen Peroxide	7.5	7.5	7	1.69	
		BOE Filter Bath (BOE 50:1)	18	9	11	7.65	
	SINK-24	Platinum Etch (HCl)	7.5	7.5	10	2.41	
	SINK-26	BOE Filter Bath (BOE 50:1)	14	9.5	10	5.71	
		ASSEMBLY					
	SINK-A12	Acid Sink (STAT-15)	10.5	11.5	8	4.15	
		- Hyd. Peroxide/ Sulf Acid					
		- Hyd. Peroxide/ Sulf Acid					
		- Hyd. Peroxide/ Sulf Acid					
		- Hyd. Peroxide/ Sulf Acid					
		GRIND					
	SINK-30	HF 10:1	10	10	1	0.43	
		TOTAL				107.81	

	EQUIPMENT, USING INORGANIC CHEMS						
	SEMI-TOOL						
		HF/Sulfuric Acid				5.8	
		HCL/Amm. Hydroxide				1	
		Hydrogen Peroxide				2.5	
		TOTAL				9.3	

SEPARATION of MATERIALS and MONITORING PROGRAM

This form when completed may meet the requirements of Section V. Separation of Materials and Monitoring Program.

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Attached is a Monitoring Inspection Log to be used as part of your routine inspection of each storage area. You may use a copy of this, or create your own, provided it contains the same information.

Above Ground Separation and Monitoring

Storage Facility ID: 1A, 1B, 2A, 2B, 2D, 3A, 3, 4A, 4B, 4C, 4D, 4E

Put a check "✓" on the line that best describes the following:

1. The storage location and security:

   Y Inside Building ___ Outside Building ___ Secured? Yes: X No: ___

2. How non-compatible materials are separated:

   Y All Materials Compatible
   ___ Separated by 20 Feet
   ___ Other. Describe: _____
   ___ One Hour Separation Wall/Partition
   ___ Approved Cabinets

3. The secondary containment:

   X Approved Cabinets
   X Tray
   ___ Vaulted Tank
   ___ Other Describe: _____
   ___ Secondary Drums
   Y Bermed, Coated Floor
   ___ Double Walled Tank

4. How each area is monitored for an unauthorized release:

   Y Visual Inspection
   ___ Mechanical Devices. Describe: _____

5. Your frequency of monitoring:

   ___ Daily X Weekly ___ Other Describe: _____

6. Your frequency for equipment calibration and maintenance:

   _____ Monthly _____ Semiannually _____ Annually

7. Provide the name of the person responsible for monitoring and keeping records for this area:

   RICK TATA
   ~~MARCIA BETTENCOURT~~ ENV. SAFETY & HEALTH ENGINEER (408) 433-2660
   Print Name Title Phone Number

8. Provide the location of records: ES&H Office

SEPARATION of MATERIALS and MONITORING PROGRAM

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Attached is a Monitoring Inspection Log to be used as part of your routine inspection of each storage area. You may use a copy of this, or create your own, provided it contains the same information.

Above Ground Separation and Monitoring Storage Facility ID: 5, 88, 8D

Put a check "√" on the line that best describes the following:

1. The storage location and security:

___ Inside Building X Outside Building X Secured? Yes: X No: ___

2. How non-compatible materials are separated:

X All Materials Compatible X One Hour Separation Wall/Partition
___ Separated by 20 Feet ___ Approved Cabinets
___ Other, Describe: _____

3. The secondary containment:

___ Approved Cabinets X Secondary Drums
___ Tray ___ Bermed, Coated Floor
___ Vaulted Tank ___ Double Walled Tank
X Other Describe: Lower trench sump or grate

4. How each area is monitored for an unauthorized release:

X Visual Inspection
___ Mechanical Devices, Describe: _____

5. Your frequency of monitoring:

___ Daily X Weekly ___ Other Describe: _____

6. Your frequency for equipment calibration and maintenance:

___ Monthly ___ Semiannually ___ Annually

7. Provide the name of the person responsible for monitoring and keeping records for this area:

RICK TATA
~~MARCIA BETTENCOURT~~ ENV. SAFETY & HEALTH ENGINEER (408) 433-2660
Print Name Title Phone Number

8. Provide the location of records: ES&H Office

SEPARATION of MATERIALS and MONITORING PROGRAM

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Above Ground Separation and Monitoring Storage Facility ID: 6A

Put a check "✓" on the line that best describes the following:

1. The storage location and security:

___ Inside Building X Outside Building ___ Secured? Yes: X No: ___

2. How non-compatible materials are separated:

X All Materials Compatible
___ Separated by 20 Feet
___ Other. Describe: _____
X One Hour Separation Wall/Partition
___ Approved Cabinets

3. The secondary containment:

___ Approved Cabinets
___ Tray
___ Vaulted Tank
X Other Describe: Lowered trench sump or grate
___ Secondary Drums
___ Bermed. Coated Floor
___ Double Walled Tank

4. How each area is monitored for an unauthorized release:

X Visual Inspection
___ Mechanical Devices. Describe: _____

5. Your frequency of monitoring:

___ Daily X Weekly ___ Other Describe: _____

6. Your frequency for equipment calibration and maintenance:

___ Monthly ___ Semiannually ___ Annually

7. Provide the name of the person responsible for monitoring and keeping records for this area:

RICK TATA ~~MARCIA BETTENCOURT~~	ENV. SAFETY & HEALTH ENGINEER	(408) 433-2660
Print Name	Title	Phone Number

8. Provide the location of records: ES&H Office

SEPARATION of MATERIALS and MONITORING PROGRAM

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Attached is a Monitoring Inspection Log to be used as part of your routine inspection of each storage area. You may use a copy of this, or create your own, provided it contains the same information.

Above Ground Separation and Monitoring Storage Facility ID: 7, 8A

Put a check "✓" on the line that best describes the following:

1. The storage location and security:

   ___ Inside Building X Outside Building X Secured? Yes: X No: ___

2. How non-compatible materials are separated:

   X All Materials Compatible
   ___ Separated by 20 Feet
   ___ Other. Describe: _____
   ___ One Hour Separation Wall/Partition
   ___ Approved Cabinets

3. The secondary containment:

   ___ Approved Cabinets
   ___ Tray
   ___ Vaulted Tank
   ___ Other Describe: _____
   X Secondary Drums
   X Bermed, Coated Floor
   ___ Double Walled Tank

4. How each area is monitored for an unauthorized release:

   Y Visual Inspecuon
   Y Mechanical Devices. Describe: Level Sensor

5. Your frequency of monitoring:

   ___ Daily X Weekly ___ Other Describe: _____

6. Your frequency for equipment calibration and maintenance:

   _____ Monthly _____ Semiannually _____ Annually

7. Provide the name of the person responsible for monitoring and keeping records for this area:

   RICK TATA (~~MARCIA BETTENCOURT~~) | ENV. SAFETY & HEALTH Engineer | (408) 433-2660
   Print Name | Title | Phone Number

8. Provide the location of records: ES&H Office

SEPARATION of MATERIALS and MONITORING PROGRAM

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Directions: Complete the above ground or underground pages of this section depending upon the location of your storage. Place the Storage Facility ID on the line provided below that corresponds to the area being reported. Each storage facility that is monitored differently requires completion of a separate Separation of Materials and Monitoring Program form. For multiple areas which are monitored the same, list all of the Storage Facility ID's on the line provided.

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Above Ground Separation and Monitoring Storage Facility ID: 9

Put a check "✓" on the line that best describes the following:

1. The storage location and security:

___ Inside Building X Outside Building X Secured? Yes: X No: ___

2. How non-compatible materials are separated:

X All Materials Compatible ___ One Hour Separation Wall/Partition
___ Separated by 20 Feet ___ Approved Cabinets
X Other. Describe: The Hydrogen is in a separate fenced and locked area.

3. The secondary containment:

___ Approved Cabinets ___ Secondary Drums
___ Tray ___ Bermed, Coated Floor
___ Vaulted Tank ___ Double Walled Tank
___ Other Describe: _____

4. How each area is monitored for an unauthorized release:

Y Visual Inspection
___ Mechanical Devices. Describe: _____

5. Your frequency of monitoring:

___ Daily X Weekly ___ Other Describe: _____

6. Your frequency for equipment calibration and maintenance:

X Monthly ___ Semiannually ___ Annually

7. Provide the name of the person responsible for monitoring and keeping records for this area:

RICK TATA ~~MARCIA BETTENCOURT~~	ENV. SAFETY & HEALTH ENGINEER	(408) 433-2660
Print Name	Title	Phone Number

8. Provide the location of records: ES&H Office

SEPARATION of MATERIALS and MONITORING PROGRAM

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Above Ground Separation and Monitoring

Storage Facility ID: 10A, 10B, 10C, 10D, 10E, 10F, 106, 23

Put a check "√" on the line that best describes the following:

1. The storage location and security:

___ Inside Building ___ Outside Building X Secured? Yes: X No: ___

2. How non-compatible materials are separated:

Y All Materials Compatible
___ Separated by 20 Feet
___ Other, Describe: _____
X One Hour Separation Wall/Partition
___ Approved Cabinets

3. The secondary containment:

___ Approved Cabinets
___ Tray
___ Vaulted Tank
Y Other Describe: Gas Cabinet
___ Secondary Drums
___ Bermed, Coated Floor
___ Double Walled Tank

4. How each area is monitored for an unauthorized release:

X Visual Inspection
Y Mechanical Devices. Describe: VMA Gas Monitoring Systems

5. Your frequency of monitoring:

___ Daily ___ Weekly X Other Describe: Continuous

6. Your frequency for equipment calibration and maintenance:

___ Monthly X Semiannually X Annually

7. Provide the name of the person responsible for monitoring and keeping records for this area:

RICK TATA — ENV. SAFETY & HEALTH ENGINEER — (408) 433-2660
~~SIMEON EGUEN~~ — ~~Line Maintenance Supervisor~~ — ~~2517~~

Print Name | Title | Phone Number

8. Provide the location of records: ES&H Office

SEPARATION of MATERIALS and M ITORING PROGRAM

This form when completed may meet the requirements of Section V. Separation of Materials and Monitoring Program.

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Attached is a Monitoring Inspection Log to be used as part of your routine inspection of each storage area. You may use a copy of this, or create your own, provided it contains the same information.

Above Ground Separation and Monitoring Storage Facility ID: 12,14,15, 16,17,18,19, 20A-20B, 3

Put a check "✓" on the line that best describes the following:

1. The storage location and security:

   X ___ Inside Building ___ Outside Building X ___ Secured? Yes: X ___ No: ___

2. How non-compatible materials are separated:

   X ___ All Materials Compatible ___ One Hour Separation Wall/Partition
   ___ X ___ Separated by 20 Feet ___ Approved Cabinets
   ___ Other. Describe: _____

3. The secondary containment:

   X ___ Approved Cabinets ___ Secondary Drums
   ___ Tray ___ Bermed, Coated Floor
   ___ Vaulted Tank ___ Double Walled Tank
   X Other Describe: SHELVES

4. How each area is monitored for an unauthorized release:

   ___ Visual Inspection
   ___ Mechanical Devices. Describe: _____

5. Your frequency of monitoring:

   ___ Daily X ___ Weekly ___ Other Describe: _____

6. Your frequency for equipment calibration and maintenance:

   _____ Monthly _____ Semiannually _____ Annually

7. Provide the name of the person responsible for monitoring and keeping records for this area:

   RICK TATA ~~MARCIA BETTENCOURT~~ ENV. SAFETY & HEALTH ENGINEER (408) 433-2660
   Print Name Title Phone Number

8. Provide the location of records: ES&H Office

MILPITAS FIRE DEPARTMENT
HAZARDOUS MATERIALS & ENVIRONMENTAL SERVICES UNIT
HAZARDOUS MATERIALS INSPECTION REPORT
CALIFORNIA FIRE CODE, 2001
MILPITAS MUNICIPAL CODE, TITLE V, CHAPTER 300

Fire Department Number
88-0204

Inspection Date 01/31/07

FAIRCHILD IMAGING, INC.
01801 Mc Carthy Blvd
Milpitas, Ca 95035

Rick Tata (408) 433 - 2660 ext.
Contact Phone Number

Permitted Activities:

AA	HM								UR	

MRI	KX	EL	FA	HS	HD	OS	SS
		EL	FA	HS	HD	OS	SS

The Milpitas Fire Department conducted a Hazardous Materials inspection at the above address. This notice identifies code violations and the minimum requirements necessary to comply. Items marked with an "X" below will require your attention to come into compliance. Additional information may be written on this notice by the Inspector to provide you with direction for compliance.

		Date Abated
☐	1. Storage cabinets for flammable or combustible liquids shall have well fitted, self closing doors with a latching device; labeled "FLAMMABLE-KEEP FIRE AWAY"; bottom 2 inches liquid tight. [CFC 7902.5.9.3]	
☐	2. All flammable and combustible liquids in excess of maintenance and work station amounts (10 gallons) shall be located in an approved storage cabinet. Volumes stored shall not exceed those permitted by the Fire Code. [CFC 7902.5.8]	
☐	3. Empty tanks and containers previously used for flammable and combustible liquids unless free from explosive vapors, shall be stored as full with cover or plugs in place. [CFC 7902.5.3]	
☐	4. Storage of class I, II, or IIIA liquids shall not be near exit doorways, stairways or a location which may impede egress. [CFC 7902.5.5]	
☐	5. Dispensing of class I liquids is only allowed from approved safety cans or original containers. [CFC 7903.1.3.5]	
☐	6. Class IA flammable liquids shall not be dispensed by gravity from tanks. [CFC 7903.1.3.5]	
☐	7. When a flammable mixture is transferred from one container to another one shall be grounded. Piping systems shall be permanently grounded. [CFC 7903.2.1.3]	
☐	8. Storage cabinets for hazardous materials liquids shall have well fitted, self closing doors equipped with a self latching device; bottom 2 inches liquid tight and labeled "HAZARDOUS-KEEP FIRE AWAY". [CFC 8001.10.6.2]	
☐	9. Secondary containment is required for areas where hazardous materials are stored. [CFC 8001.11.11 as amended by MMC V-300-2.81]	
☐	10. Individual storage areas shall have dedicated drainage to prevent mixing of incompatible materials. [CFC 8003.1.3.3]	
☐	11. Containers previously containing a regulated material shall not be used to store a different material unless container is cleaned in an approved manner and properly labeled for new contents. [CFC 8001.4.6]	
☐	12. All containers in storage shall be arranged in an approved manner, non-compatibles separated (flammables, corrosives, oxidizers, etc.). [CFC 8001.11.8]	
☐	13. Signs prohibiting smoking shall be provided in storage areas and within 25 feet of outdoor storage areas. [CFC 8001.8; 8003.1.2]	
☒	14. Gas cylinders shall be properly identified, located, and secured. [CFC 7401.5.1; 7401.6.4]	1/31/2007
☐	15. Empty containers and tanks previously used for the storage of hazardous materials shall be free from residual materials and vapor as defined by DOT, RCRA or other regulating authority or maintained as specified for the storage of hazardous materials. [CFC 8001.4.6]	
☐	16. Open flames & high-temperature devices shall not be used in a manner which creates a hazardous condition. [CFC 8001.9]	

Fire Department Number 88-0204

ADDITIONAL VIOLATIONS

	Date Abated
Monitor toxic gas valve manifold boxes. (VMB in T chase)	1/31/2007
Determine liquid source under sinks 14 and 16.	1/31/2007
Discontinue practice of "Daisy chaining" power strips (Fan in Shipping and Receiving).	1/31/2007

Valerian Catunao

From: TGO Solutions [harish@tgosolutions.com]
Sent: Tuesday, January 16, 2007 11:11 PM
To: Valerian Catunao
Cc: Fairchild, Richard J Tata
Subject: Fairchild Imaging: Correction to Cl2 Monitoring Violation at VMB in T Chase
spamcatcherd: 1/14/2007 11:55:00 PM

Val,

In order to correct the violation noted in your inspection report (see attached), a Cl2 monitoring point is added on Jan 13, 2007 to monitor gas valve manifold box (VMB) in T Chase.

TGO Solutions installed a new line between VMB in T Chase and MDA System 16, Point 1C3. The set points are:

Warning 0.5 ppm
Alarm 1 ppm

At alarm level all gas sources shutdown and horn/strobes are activated and remote monitoring station receives a toxic gas alarm signal.

Hope this fulfills the requirement and corrects the noted violation.

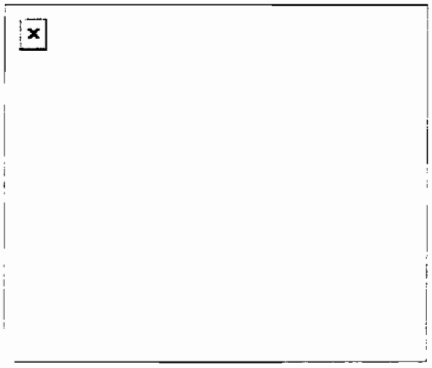
Regards,

Harish Goyal

TGO Solutions

Toxic Gas Systems Design, Installation, Calibration, 3-rd Party Functional
Testing/Certification, Permitting (Fire/ Building Dept. and BAAQMD), and HazMat Compliance

Phone/Fax: (510) 438-0732
E-mail: harish@tgosolutions.com
Visit us @ http://www.tgosolutions.com



APPENDIX I

SCREENING LEVEL CHEMICAL RISK APPRAISAL

TOXICHEM
Management
Systems, Inc.
Environmental & Occupational Health Services
1461 Newport Avenue
San Jose, California 95125
(408) 292-3266 / Fax (408) 298-6591

Exposure Assessment/Estimation
Quantitative Risk Assessments
Industrial Hygiene
Regulatory Compliance Programs
Real Property Environmental Assessments
Compliance Audits
Air Pollution Dispersion Modeling
Hazardous Waste Management
Air Sampling and Analysis

RECEIVED
APR 09 2007
DAVID J. POWERS & ASSOCIATES, INC.

April 5, 2007

Demetri Loukas
David J. Powers and Associates
1885 The Alameda, Suite 204
San Jose, CA 95126

Re: Screening Level Chemical Risk Appraisal
Landmark Tower, 600 Barber Lane, Milpitas, CA.

Dear Mr. Loukas:

At your request, Toxichem Management Systems, Inc., has reviewed the chemical inventories provided by Ms. Belinda Blackie, P.E., for selected facilities in the vicinity of the proposed project site (Project). The purpose of our review was to identify chemicals that may have offsite consequences if released or spilled, and to provide a conservative assessment of potential impacts to the Project. As we understand, the Project may involve the conversion of light industrial/commercial property to residential use.

Potential Chemicals of Concern

From a risk assessment perspective, the primary concern is to identify chemicals that are likely to have offsite consequences if catastrophically released. Generally, chemicals that exist in a form that allows offsite transport (after release), used/stored in sufficient quantities, and are acutely toxic or physically hazardous, are assumed to represent chemicals of potential concern for risk assessment purposes. The primary chemicals of concern identified in the Hazardous Materials Business Plans (HMBPs) provided for this project are summarized below.

Milpitas Gas Terminal

This facility is located approximately 0.36 miles northwest of the project site. Although this facility reports numerous chemicals (hydrocarbon mixtures) the primary chemicals of concern include 3,000-gallon storage tank of "pipeline liquids". Pipeline liquids were described to approximately consist of 85% aliphatic hydrocarbons. Pipeline liquids are generally hydrocarbon compounds that are separated from the natural gas by high-pressure gas-liquid separators. The pipeline liquids storage tank is constructed of steel, painted for corrosion protection, and secondarily contained.

In addition to the above ground storage of pipeline liquids, this facility distributes natural gas to pipelines serving the San Francisco Peninsula and South and East San Francisco Bay Areas.

Watkins Johnson

Approximately 0.73 miles south-southwest of the Project, this facility reported a 2% Arsine gas mixture in a 260 cubic feet (ft^3) container, and 775 gallons of liquid hydrogen.

Silicon Microstructures

Located approximately 1.1 miles south of the property, this facility reported waste hydrofluoric acid (500 gallons), anhydrous ammonia (681ft^3), and phosphine/silane gas mixtures (up to 25% phosphine) in 330 ft^3 containers. In a previous version of their HMBP, Silicon Microstructures reported chlorine in their inventory at 540 ft^3.

Fairchild Imaging

Located approximately 1.2 miles south of the Project site, this facility reported a voluminous chemical inventory. The primary chemicals of concern (largest container sizes) include liquid hydrogen (1,500 gallons), hydrogen chloride (60 pounds), boron trichloride (40 pounds), and 55-gallon quantities of waste solvents.

All other HMBPs provided for review were for CISCO facilities located in the vicinity of the proposed Project. A review of these HMBPs did not reveal any significant chemicals of potential concern.

Risk Appraisal

The Aerial Locations of Hazardous Atmospheres (ALOHA) program was used to conduct a screening level evaluation of potential impacts to the Project. To estimate potential risks, conservative worst-case hypothetical chemical releases, judged to be representative of the operations conducted nearby, were input into ALOHA to estimate potential exterior impacts at the Project. A worst-case release generally assumes loss of entire container content over a 10-minute period.

All releases were modeled using conservative (stable) conditions. During stable meteorological conditions and low wind speeds, the vertical and horizontal dispersivity of a release is minimized. Thus the conditions assumed for the hazard assessment results in higher predicted downwind concentrations.

For a screening level evaluation, worst-cases releases were initially examined with ALOHA to evaluate if the release could produce a chemical concentration of concern at the Project's exterior. The Bay Area Air Quality Management District (BAAQMD) recommends the use of Emergency Response Planning Guidelines exposure level 2 (ERPG-2) as criteria for evaluating significant impact. The ERPG exposure level 2 is defined as the maximum airborne concentration, which is believed that nearly all individuals could be exposed to for up to 1 hour without experiencing or developing irreversible or other serious side effects or symptoms that could impair an individual's ability to take protective action. In the absence of ERPG guidelines, the U.S. EPA has

recommended 1/10 of the Immediately Dangerous to Life and Health (IDLH) concentrations for planning purposes.

Seven release scenarios were chosen for the nearby facility assessment. The scenarios are deemed improbable but could be considered possible. Releases were assumed to occur outside and were modeled assuming urban dispersion coefficients, wind speed of 1.5 meters per second, atmospheric stability class F (stable conditions), and an outside temperature of 70 degrees F. In addition, the scenarios selected were also deemed representative of the potential risks posed by facility chemicals not included. As an example, the priority chemical compound identified for Fairchild (55-gallon waste solvent) was not modeled since the 3,000-gallon solvent release from the Milpitas Gas Terminal adequately approximates solvent category releases at larger quantities and at closer distances than those reported at Fairchild.

The nearby facility release scenarios are described below. Attached Table 1 summarizes the results of the release scenarios, and Attachment A presents screening level modeling output.

Milpitas Gas Terminal

One worst-case release scenario involving this facility was examined for potential Project impact. This release included:

1. Pipeline Liquids Release. This release assumes that 3,000 gallons of hydrocarbon compounds are spilled into secondary containment forming an evaporating pool. The release was modeled in ALOHA assuming an evaporating pool area of 1,000 square feet and an ALOHA limited duration of one hour. This release was conservatively simulated assuming the physio-chemical properties and IDLH concentrations equivalent to that of n-pentane. This type of release can be assumed to be a conservative representation of the potential impacts posed by solvent compounds.

Watkins Johnson

Two worst-case release scenarios involving this facility's chemicals were examined for potential Project impacts. These releases include:

1. Arsine Release. This release assumes that 260 ft^3 of 2% arsine gas is released over a 10-minute period.

2. Liquid Hydrogen Release. This release assumes 775 gallons of liquid hydrogen is released over a 10-minute period. The distance to a one-pound per square inch over pressure resulting from a vapor cloud explosion is computed by ALOHA.

Silicon Microstructures

Two worst-case release scenarios involving Silicon Microstructure chemicals were examined for potential Project impacts. These releases include:

1. Waste Hydrofluoric Acid. This release assumes 500 gallons of 49% waste hydrofluoric acid solution is released into secondary containment (500 ft^2) forming an evaporating pool.

2. Phosphine Release. This release assumes that 330 ft^3 of 25% phosphine gas is released over a 10-minute period.

Fairchild Imaging

Finally, for the Fairchild facility, two worst-case releases were also examined for potential Project impacts. These releases include:

1. Hydrogen Chloride. For a worst-case simulation, hydrogen chloride gas (60 pounds) is released over a 10-minute period.

2. Liquid Hydrogen. This release assumes 1,500 gallons of liquid hydrogen is released over a 10-minute period. The distance to a one-pound per square inch over pressure resulting from a vapor cloud explosion is computed by ALOHA.

Results

For the chemical releases examined under assumed conditions, the results of this screening level evaluation indicate that worst-case releases from the selected facilities are not likely to have potentially significant impacts at the Project exterior.

Uncertainty

The primary uncertainties associated with this assessment included the selection of chemicals for evaluation, the size of each release, assumptions concerning release location, vapor pressures of released liquids, assumed areas of liquid spills and atmospheric conditions during the release.

With respect to chemical selection, chemicals were selected based on volumes, recognized toxicity and/or flammability, and were judged to be representative of the potential release risks posed by each facility.

Other sources of uncertainty include assumptions concerning the areas of various spilled liquids and the use of surrogates to simulate chemicals spilled. In general, the greater the area of an evaporating pool the greater the emission rate of the substance and the greater the distance of offsite impact. As an example, the 1,000 square-foot spill of pipeline liquids (as heptane), under the temperature conditions assumed, evaporates at a rate of 99.5 pound per minute. In contrast, a 100 square-foot area of this material evaporates at a rate of 0.5 pounds per minute under the same conditions considered. This assessment included conservative (health protective) release assumptions.

A natural gas release from the Milpitas Gas Terminal was not considered in this appraisal primarily due to the fact that these pipes are below ground and since size, location, and pressures of the underground gas transmission line were not provided in the HMBP. In addition, based on discussion with PG&E, construction activities in the vicinity of these lines are carefully monitored. Further, loss of pressure (indicating leakage) in these lines would initiate a computer controlled shut down of the pipeline.

Finally, atmospheric conditions considered assumed worst-case conditions. The conditions modeled generally represent nighttime or dark cloudy conditions during periods of calm during which the vertical and horizontal dispersion of the contaminant plume is minimized. These

conditions generally occur at a low percentage of the time over any yearly time period. In addition, all releases assumed that the Project was located plume centerline, down wind, at the time of the release. Wind speed and wind direction vary over time.

Please call me at (408) 292-3266 with questions concerning this report.

Sincerely,

Toxichem Management Systems, Inc.

Daniel W Hernandez MPH, CIH
President

Attachments:
Table 1. Screening Level Evaluation Results
Attachment A: Screening Level Model Output

Table 1. Screening Level Evaluation Results

Concentrations Release Location	Maximum Threat Zone	Maximum Project Outdoor Concentration[a]	Emergency Planning Guidelines
Milpitas Gas Terminal. (0.36 miles from Project)			
1. Solvent Release (3,000 gallons of pipeline liquids into 1,000 ft^2 containment as pentane) a. Distance to LOC b. Flammable Area of Vapor Cloud	 0.18 miles (1/10 IDLH) 0.02 miles (60% LEL)	 54 ppm	 IDLH = 1,500 ppm ERPGs = NE LEL = 13,000 ppm
Watkins Johnson (0.73 miles from Project)			
1. Arsine Gas Release (2% @ 260 ft^3)	0.2 miles (ERPG-2)	0.042 ppm	IDLH = 3 ERPG2 = 0.5 ERPG3 = 1.5
2. Liquid Hydrogen Release (775 gallons) Peak Overpressure from vapor cloud explosion	0.075 miles (1 psi)	NS	1 psi overpressure
Silicon Microstructures (1.1 miles from Project)			
1. Hydrofluoric Acid Release (500 gallon gallons of 49% solution into 500ft^2 containment)	0.064 miles (ERPG-2)	0.16 ppm	IDLH = 30 ERPG2 = 20 ERPG3 = 50
2. Phosphine 25% Gas Release (330 ft^3)	0.85 (ERPG-2)	0.31ppm	IDLH = 50 ERPG2 = 0.5 ERPG3 = 5
Fairchild Imaging (1.2 miles from Project)			
1. Hydrogen Chloride Gas Release (60-pounds)	0.33 miles (ERPG-2)	1.9 ppm	IDLH = 50 ERPG2 = 20 ERPG3 = 150
2. Liquid Hydrogen Release (1,500 gallons) Peak Overpressure from vapor cloud explosion	0.11miles (1 psi)	NS	1 psi overpressure

Table notes. All releases assume U.S. EPA Worst-Case conditions: loss of container contents over 10-minute period, Stability Class F and Wind Speed of 1.5 meters per second.

a. The maximum outdoor concentration is the concentration predicted at the Project exterior after the plume reaches the Project (ALOHA model). LEL = lower explosive limit. NS = not significant. NE = not established.

Attachment A. Screening Level Modeling Output

Pipeline liquids

SITE DATA:
Location: SAN JOSE, CALIFORNIA
Building Air Exchanges Per Hour: .5 (user specified)
Time: March 13, 2007 1614 hours PST (using computer's clock)

CHEMICAL DATA:
Chemical Name: N-PENTANE Molecular Weight: 72.15 g/mol
TEEL-1: 610 ppm TEEL-2: 610 ppm TEEL-3: 1500 ppm
IDLH: 1500 ppm LEL: 13000 ppm UEL: 80000 ppm
Ambient Boiling Point: 96.7° F
Vapor Pressure at Ambient Temperature: 0.58 atm
Ambient Saturation Concentration: 585,459 ppm or 58.5%

ATMOSPHERIC DATA: (MANUAL INPUT OF DATA)
Wind: 1.5 meters/second from 0° true at 3 meters
Ground Roughness: urban or forest Cloud Cover: 5 tenths
Air Temperature: 70° F
Stability Class: F (user override)
No Inversion Height Relative Humidity: 50%

SOURCE STRENGTH:
Evaporating Puddle (Note: chemical is flammable)
Puddle Area: 1000 square feet Puddle Volume: 3000 gallons
Ground Type: Concrete Ground Temperature: 70° F
Initial Puddle Temperature: Ground temperature
Release Duration: ALOHA limited the duration to 1 hour
Max Average Sustained Release Rate: 99.5 pounds/min
(averaged over a minute or more)
Total Amount Released: 3,950 pounds

THREAT ZONE:
Model Run: Heavy Gas
Red : 321 yards --- (150 ppm)

THREAT AT POINT:
Concentration Estimates at the point:
Downwind: .36 miles Off Centerline: 0 miles
Max Concentration:
Outdoor: 54 ppm
Indoor: 14.1 ppm

Concentration at Point

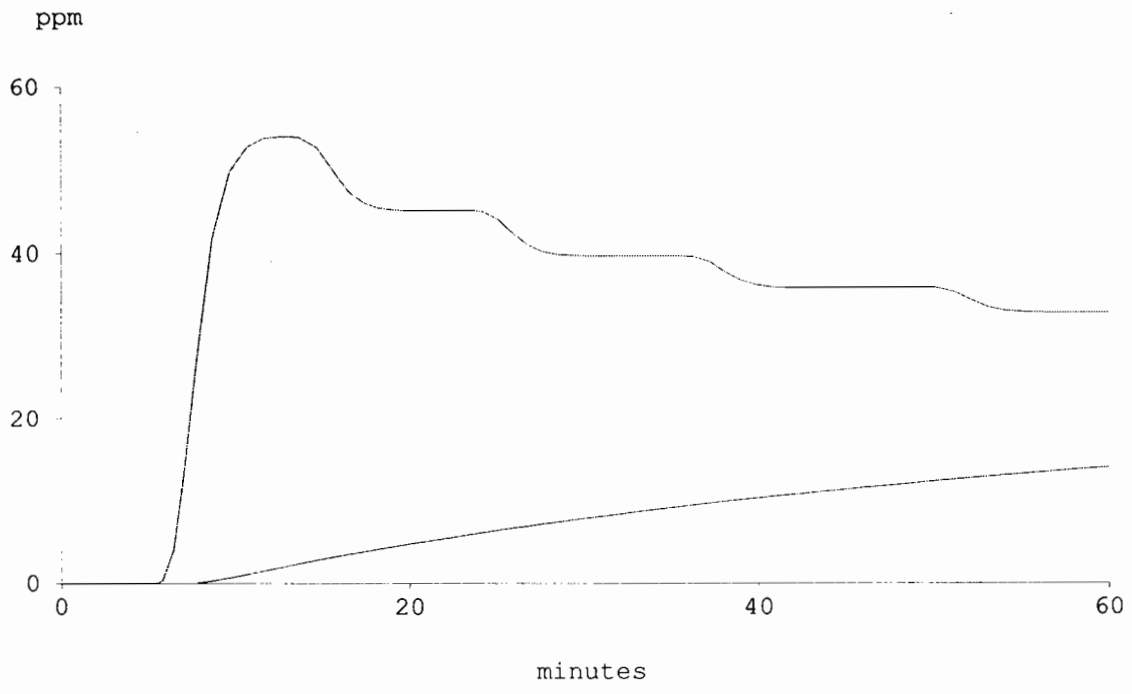
ALOHA® 5.4

Time: March 13, 2007 1614 hours PST (using computer's clock)

Chemical Name: N-PENTANE

Building Air Exchanges Per Hour: .5 (user specified)

THREAT AT POINT:
Model Run: Heavy Gas
Concentration Estimates at the point:
Downwind: .36 miles Off Centerline: 0 miles
Max Concentration:
Outdoor: 54 ppm
Indoor: 14.1 ppm



GASTERM Solvent

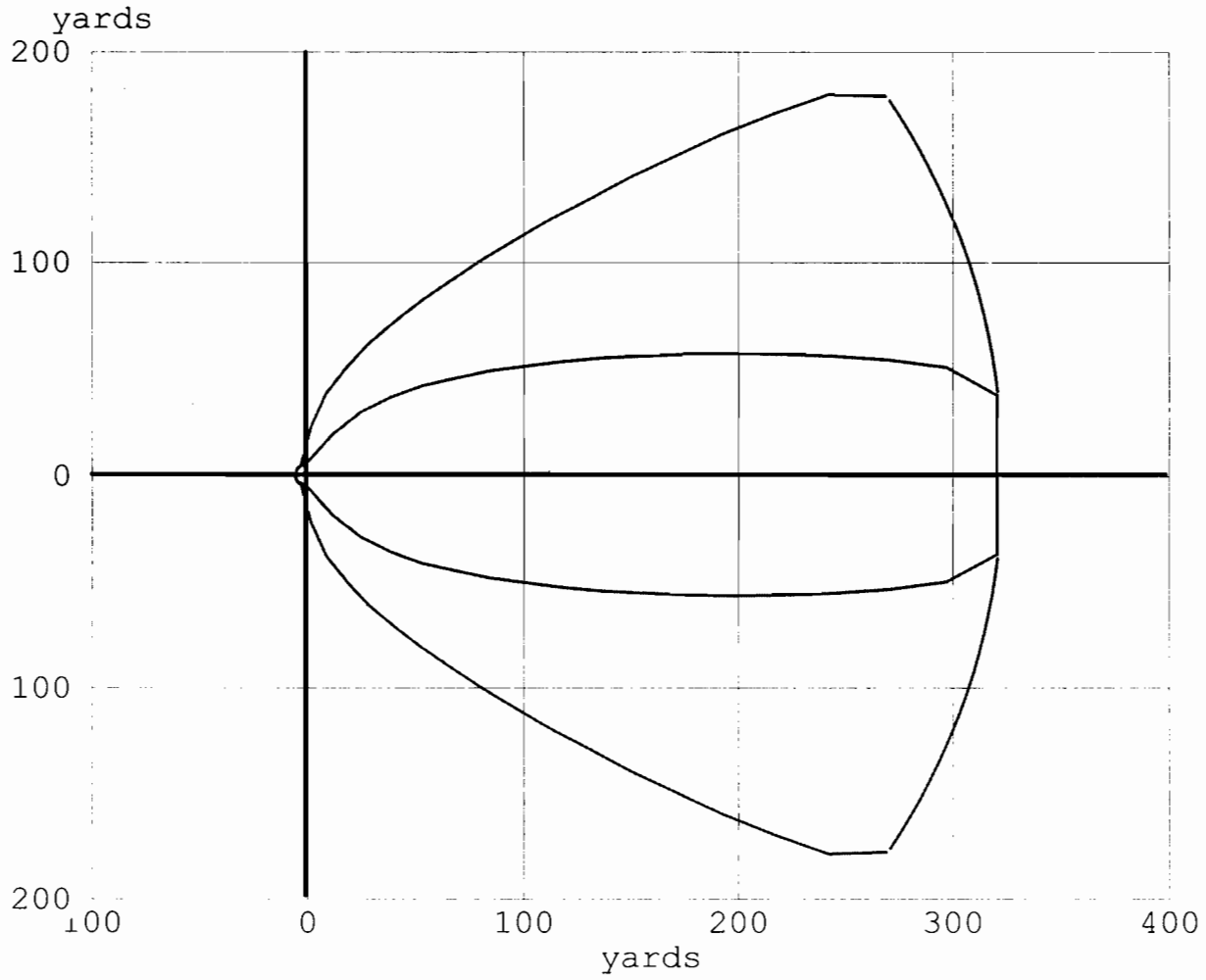
Toxic Threat Zone ALOHA® 5.4

Time: March 13, 2007 1614 hours PST (using computer's clock)

Chemical Name: N-PENTANE

Wind: 1.5 meters/second from 0° true at 3 meters

THREAT ZONE:
Model Run: Heavy Gas
Red : 321 yards --- (150 ppm)



>= 150 ppm
Confidence Lines

Flammable Threat Zone ALOHA® 5.4

Time: March 13, 2007 1614 hours PST (using computer's clock)

Chemical Name: N-PENTANE

Wind: 1.5 meters/second from 0° true at 3 meters

THREAT ZONE:
Threat Modeled: Flammable Area of Vapor Cloud
Model Run: Heavy Gas
Red : 35 yards --- (7,800 ppm = 60% LEL = Flame Pockets)
Note: Threat zone was not drawn because effects of near-field patchiness
make dispersion predictions less reliable for short distances.

Threat Modeled: Flammable Area of Vapor Cloud
Model Run: Heavy Gas
Red : 35 yards --- (7,800 ppm = 60% LEL = Flame Pockets)
Note: Threat zone was not drawn because effects of near-field patchin
make dispersion predictions less reliable for short distances.

Overpressure (Blast Force) Threat Zone ALOHA® 5.4

Time: March 13, 2007 1614 hours PST (using computer's clock)

Chemical Name: N-PENTANE

Wind: 1.5 meters/second from 0° true at 3 meters

THREAT ZONE:
Threat Modeled: Overpressure (blast force) from vapor cloud explosion
Type of Ignition: ignited by spark or flame
Level of Congestion: uncongested
Model Run: Heavy Gas
Red : LOC was never exceeded --- (1.0 psi = shatters glass)

Threat Modeled: Overpressure (blast force) from vapor cloud explosion
Type of Ignition: ignited by spark or flame
Level of Congestion: uncongested
Model Run: Heavy Gas
Red : LOC was never exceeded --- (1.0 psi = shatters glass)

Overpressure at Point

ALOHA® 5.4

Time: March 13, 2007 1614 hours PST (using computer's clock)

Chemical Name: N-PENTANE

Building Air Exchanges Per Hour: .5 (user specified)

THREAT AT POINT:
Model Run: Heavy Gas
Overpressure Estimate at the point:
Downwind: .36 miles Off Centerline: 0 miles
There is no significant overpressure at the point selected.

There is no significant overpressure at the point selected.

At Point: Downwind: .36 miles Off Centerline: 0 miles

SITE DATA:
Location: SAN JOSE, CALIFORNIA
Building Air Exchanges Per Hour: .5 (user specified)
Time: March 13, 2007 1614 hours PST (using computer's clock)

CHEMICAL DATA:
Chemical Name: N-PENTANE Molecular Weight: 72.15 g/mol
TEEL-1: 610 ppm TEEL-2: 610 ppm TEEL-3: 1500 ppm
IDLH: 1500 ppm LEL: 13000 ppm UEL: 80000 ppm
Ambient Boiling Point: 96.7° F
Vapor Pressure at Ambient Temperature: 0.58 atm
Ambient Saturation Concentration: 585,459 ppm or 58.5%

ATMOSPHERIC DATA: (MANUAL INPUT OF DATA)
Wind: 1.5 meters/second from 0° true at 3 meters
Ground Roughness: urban or forest Cloud Cover: 5 tenths
Air Temperature: 70° F
Stability Class: F (user override)
No Inversion Height Relative Humidity: 50%

SOURCE STRENGTH:
Evaporating Puddle (Note: chemical is flammable)
Puddle Area: 1000 square feet Puddle Volume: 3000 gallons
Ground Type: Concrete Ground Temperature: 70° F
Initial Puddle Temperature: Ground temperature
Release Duration: ALOHA limited the duration to 1 hour
Max Average Sustained Release Rate: 99.5 pounds/min
(averaged over a minute or more)
Total Amount Released: 3,950 pounds

THREAT ZONE:
Threat Modeled: Overpressure (blast force) from vapor cloud explosion
Type of Ignition: ignited by spark or flame
Level of Congestion: uncongested
Model Run: Heavy Gas
Red : LOC was never exceeded --- (1.0 psi = shatters glass)

THREAT AT POINT:
Overpressure Estimate at the point:
Downwind: .36 miles Off Centerline: 0 miles
There is no significant overpressure at the point selected.

WJ AsH3

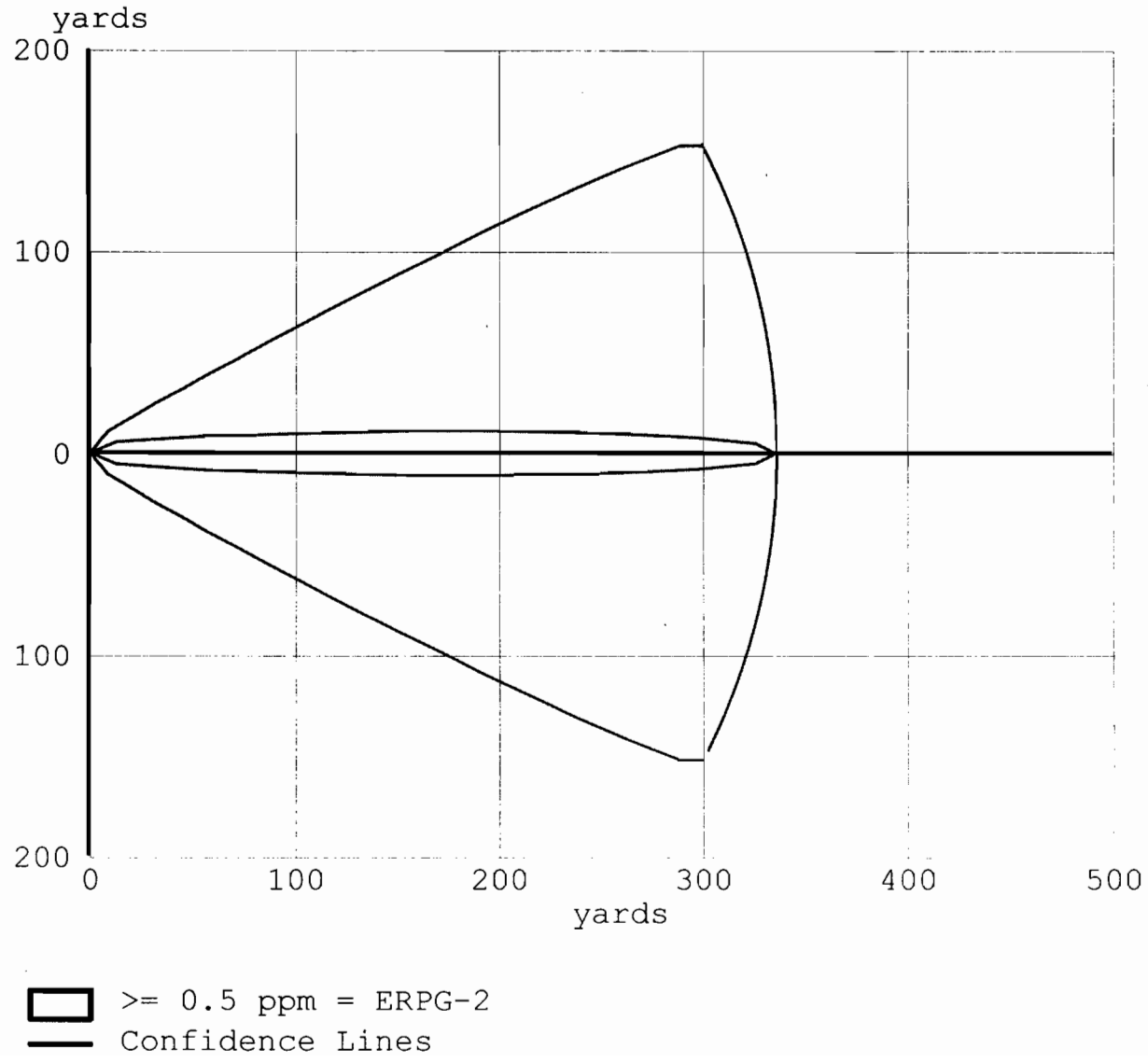
Toxic Threat Zone ALOHA® 5.4

Time: March 13, 2007 1614 hours PST (using computer's clock)

Chemical Name: ARSINE
Carcinogenic risk - see CAMEO

Wind: 1.5 meters/second from 0° true at 3 meters

THREAT ZONE:
Model Run: Heavy Gas
Red : 337 yards --- (0.5 ppm = ERPG-2)



Concentration at Point

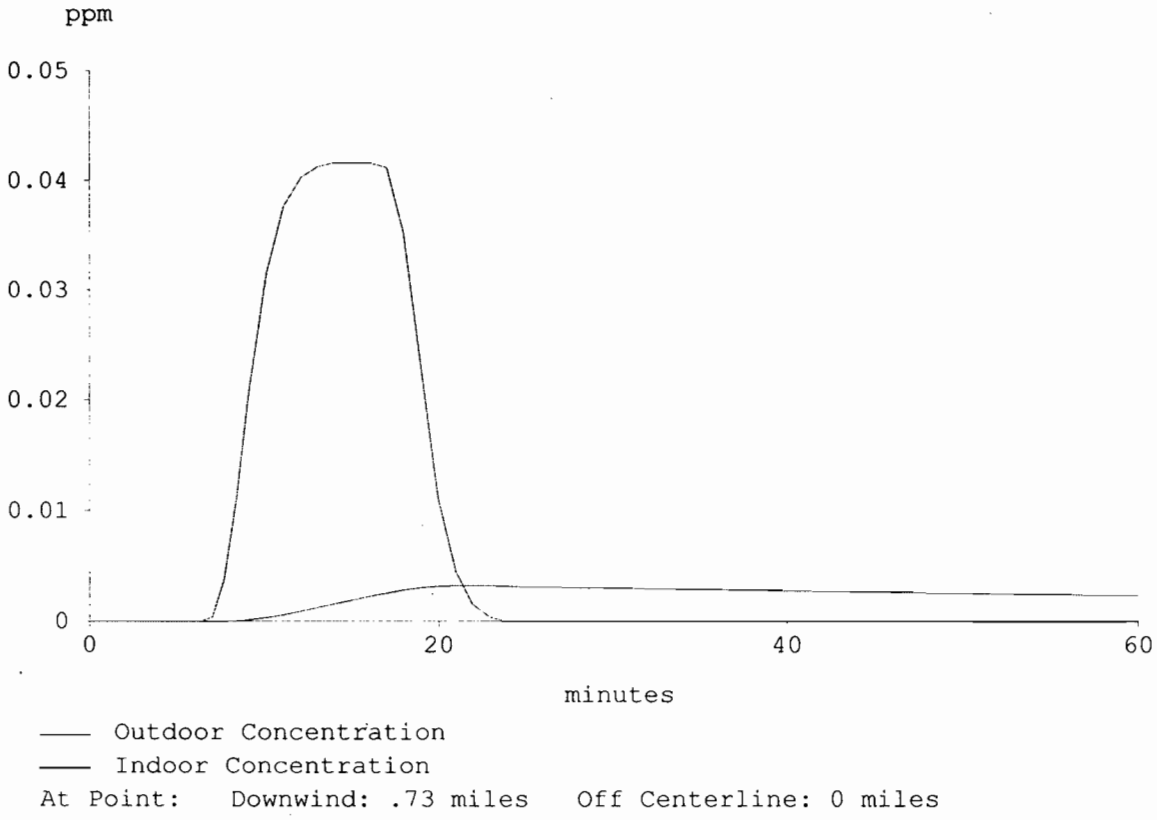
ALOHA® 5.4

Time: March 13, 2007 1614 hours PST (using computer's clock)

Chemical Name: ARSINE
Carcinogenic risk - see CAMEO

Building Air Exchanges Per Hour: .5 (user specified)

THREAT AT POINT:
Model Run: Heavy Gas
Concentration Estimates at the point:
Downwind: .73 miles Off Centerline: 0 miles
Max Concentration:
Outdoor: 0.0417 ppm
Indoor: 0.00325 ppm



SITE DATA:
Location: SAN JOSE, CALIFORNIA
Building Air Exchanges Per Hour: .5 (user specified)
Time: March 13, 2007 1614 hours PST (using computer's clock)

CHEMICAL DATA:
Chemical Name: ARSINE Molecular Weight: 77.95 g/mol
AEGL-2(60 min): 0.17 ppm AEGL-3(60 min): 0.5 ppm
IDLH: 3 ppm LEL: 510 ppm UEL: 7800 ppm
Carcinogenic risk - see CAMEO
Ambient Boiling Point: -80.5° F
Vapor Pressure at Ambient Temperature: greater than 1 atm
Ambient Saturation Concentration: 1,000,000 ppm or 100.0%

ATMOSPHERIC DATA: (MANUAL INPUT OF DATA)
Wind: 1.5 meters/second from 0° true at 3 meters
Ground Roughness: urban or forest Cloud Cover: 5 tenths
Air Temperature: 70° F
Stability Class: F (user override)
No Inversion Height Relative Humidity: 50%

SOURCE STRENGTH:
Direct Source: .52 cubic feet/min Source Height: 0
Source State: Gas
Source Temperature: equal to ambient
Source Pressure: equal to ambient
Release Duration: 10 minutes
Release Rate: 0.105 pounds/min
Total Amount Released: 1.05 pounds
Note: This chemical may flash boil and/or result in two phase flow.

THREAT ZONE:
Model Run: Heavy Gas
Red : 337 yards --- (0.5 ppm = ERPG-2)

THREAT AT POINT:
Concentration Estimates at the point:
Downwind: .73 miles Off Centerline: 0 miles
Max Concentration:
Outdoor: 0.0417 ppm
Indoor: 0.00325 ppm

WI H2

Text Summary ALOHA® 5.4

SITE DATA:
Location: SAN JOSE, CALIFORNIA
Building Air Exchanges Per Hour: .5 (user specified)
Time: March 13, 2007 1614 hours PST (using computer's clock)

CHEMICAL DATA:
Chemical Name: HYDROGEN Molecular Weight: 2.02 g/mol
TEEL-1: 41000 ppm TEEL-2: 41000 ppm TEEL-3: 41000 ppm
LEL: 40000 ppm UEL: 750000 ppm
Ambient Boiling Point: -423.0° F
Vapor Pressure at Ambient Temperature: greater than 1 atm
Ambient Saturation Concentration: 1,000,000 ppm or 100.0%

ATMOSPHERIC DATA: (MANUAL INPUT OF DATA)
Wind: 1.5 meters/second from 0° true at 3 meters
Ground Roughness: urban or forest Cloud Cover: 5 tenths
Air Temperature: 70° F
Stability Class: F (user override)
No Inversion Height Relative Humidity: 50%

SOURCE STRENGTH:
Direct Source: 77.5 gallons/min Source Height: 0
Source State: Liquid
Source Temperature: -424° F
Release Duration: 10 minutes
Release Rate: 46.1 pounds/min
Total Amount Released: 461 pounds
Note: This chemical may flash boil and/or result in two phase flow.
Use both dispersion modules to investigate its potential behavior.

THREAT ZONE:
Threat Modeled: Overpressure (blast force) from vapor cloud explosion
Type of Ignition: ignited by spark or flame
Level of Congestion: uncongested
Model Run: Gaussian
Red : 132 yards --- (1.0 psi = shatters glass)

Overpressure (Blast Force) Threat Zone

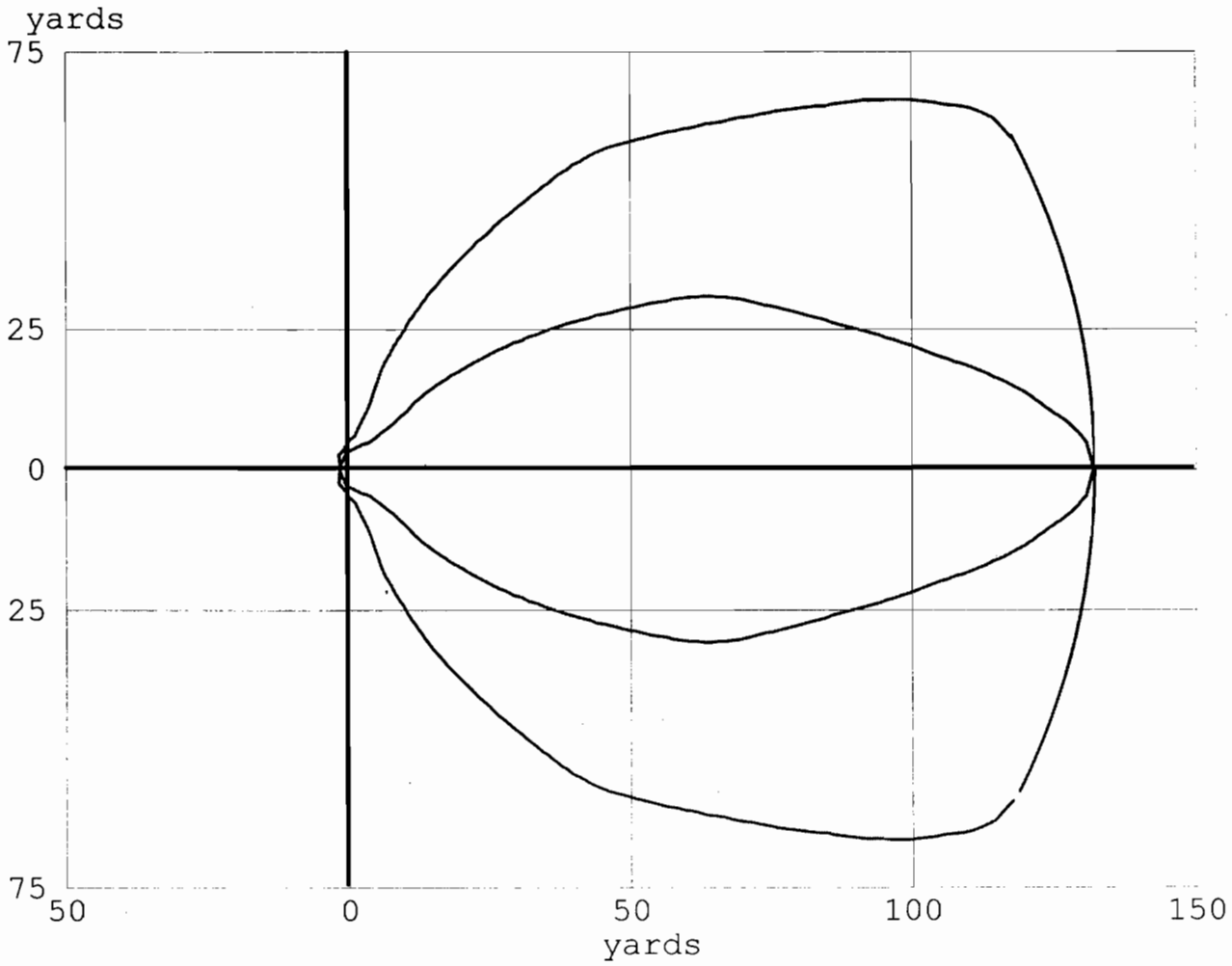
ALOHA® 5.4

Time: March 13, 2007 1614 hours PST (using computer's clock)

Chemical Name: HYDROGEN

Wind: 1.5 meters/second from 0° true at 3 meters

THREAT ZONE:
Threat Modeled: Overpressure (blast force) from vapor cloud explosion
Type of Ignition: ignited by spark or flame
Level of Congestion: uncongested
Model Run: Gaussian
Red : 132 yards --- (1.0 psi = shatters glass)



>= 1.0 psi = shatters glass
Confidence Lines

SJ11 HF

Text Summary ALOHA® 5.4

SITE DATA:
Location: SAN JOSE, CALIFORNIA
Building Air Exchanges Per Hour: .5 (user specified)
Time: March 13, 2007 1614 hours PST (using computer's clock)

CHEMICAL DATA:
Chemical Name: HYDROFLUORIC ACID
Solution Strength: 49% (by weight)
Ambient Boiling Point: 225.4° F
Partial Pressure at Ambient Temperature: 0.016 atm
Ambient Saturation Concentration: 15,571 ppm or 1.56%
Hazardous Component: HYDROGEN FLUORIDE
Molecular Weight: 20.01 g/mol
AEGL-1(60 min): 1 ppm AEGL-2(60 min): 24 ppm AEGL-3(60 min): 44 ppm
IDLH: 30 ppm

ATMOSPHERIC DATA: (MANUAL INPUT OF DATA)
Wind: 1.5 meters/second from 0° true at 3 meters
Ground Roughness: urban or forest Cloud Cover: 5 tenths
Air Temperature: 70° F
Stability Class: F (user override)
No Inversion Height Relative Humidity: 50%

SOURCE STRENGTH:
Evaporating Puddle
Puddle Area: 500 square feet Puddle Volume: 500 gallons
Ground Type: Concrete Ground Temperature: 70° F
Initial Puddle Temperature: Ground temperature
Release Duration: ALOHA limited the duration to 1 hour
Max Average Sustained Release Rate: 0.396 pounds/min
(averaged over a minute or more)
Total Amount Hazardous Component Released: 23.1 pounds

THREAT ZONE:
Model Run: Gaussian
Red : 112 yards --- (20 ppm = ERPG-2)

THREAT AT POINT:
Concentration Estimates at the point:
Downwind: 1.1 miles Off Centerline: 0 miles
Max Concentration:
Outdoor: 0.158 ppm

Toxic Threat Zone

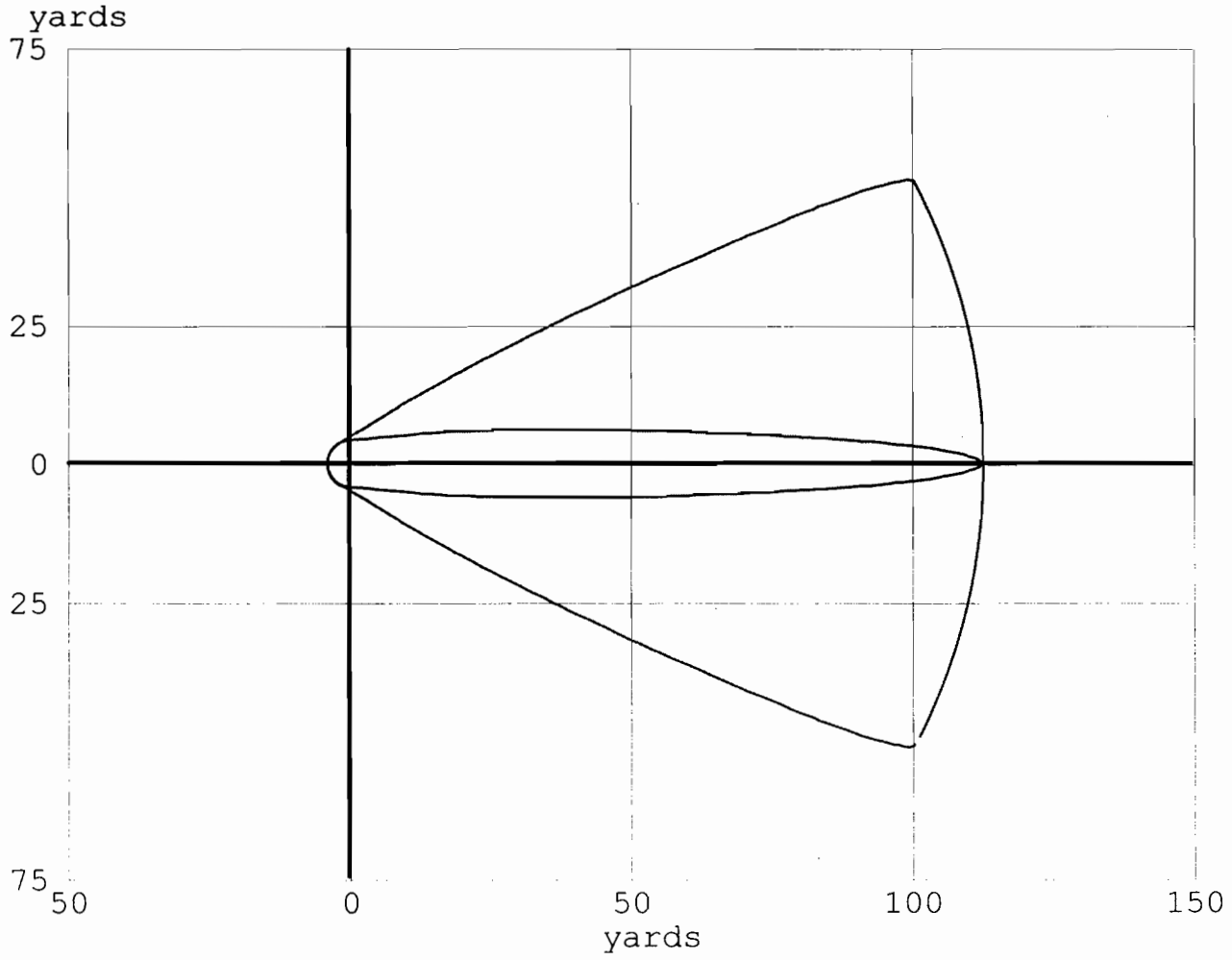
ALOHA® 5.4

Time: March 13, 2007 1614 hours PST (using computer's clock)

Chemical Name: HYDROFLUORIC ACID
Solution Strength: 49% (by weight)

Hazardous Component: HYDROGEN FLUORIDE
Wind: 1.5 meters/second from 0° true at 3 meters

THREAT ZONE:
Model Run: Gaussian
Red : 112 yards --- (20 ppm = ERPG-2)



>= 20 ppm = ERPG-2
Confidence Lines

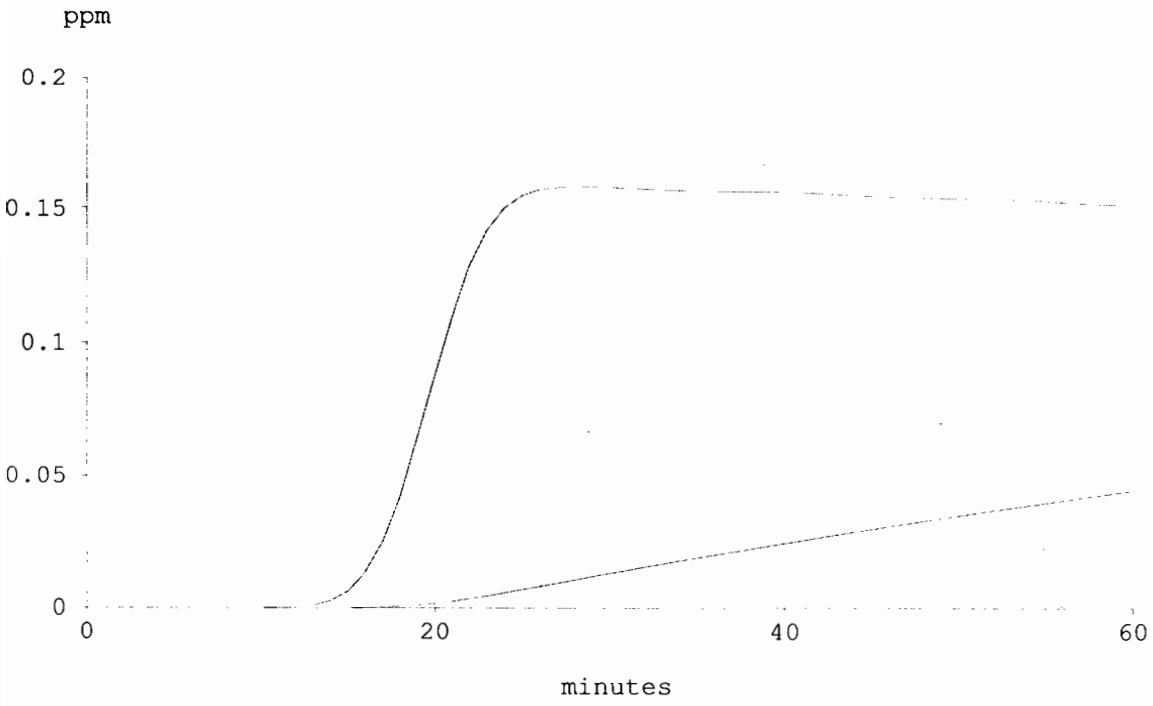
Concentration at Point ALOHA® 5.4

Time: March 13, 2007 1614 hours PST (using computer's clock)

Chemical Name: HYDROFLUORIC ACID
Solution Strength: 49% (by weight)

Hazardous Component: HYDROGEN FLUORIDE
Building Air Exchanges Per Hour: .5 (user specified)

THREAT AT POINT:
Model Run: Gaussian
Concentration Estimates at the point:
Downwind: 1.1 miles Off Centerline: 0 miles
Max Concentration:
Outdoor: 0.158 ppm



SM Phosphine

Text Summary ALOHA® 5.4

SITE DATA:
Location: SAN JOSE, CALIFORNIA
Building Air Exchanges Per Hour: .5 (user specified)
Time: March 13, 2007 1614 hours PST (using computer's clock)

CHEMICAL DATA:
Warning: PHOSPHINE can spontaneously ignite when exposed to air. ALOHA cannot accurately predict the air hazard if a reaction occurs.
Chemical Name: PHOSPHINE Molecular Weight: 34.00 g/mol
ERPG-2: 0.5 ppm ERPG-3: 5 ppm
IDLH: 50 ppm LEL: 10000 ppm
Ambient Boiling Point: -125.9° F
Vapor Pressure at Ambient Temperature: greater than 1 atm
Ambient Saturation Concentration: 1,000,000 ppm or 100.0%

ATMOSPHERIC DATA: (MANUAL INPUT OF DATA)
Wind: 1.5 meters/second from 0° true at 3 meters
Ground Roughness: urban or forest Cloud Cover: 5 tenths
Air Temperature: 70° F
Stability Class: F (user override)
No Inversion Height Relative Humidity: 50%

SOURCE STRENGTH:
Direct Source: 8.25 cubic feet/min Source Height: 0
Source State: Gas
Source Temperature: equal to ambient
Source Pressure: equal to ambient
Release Duration: 10 minutes
Release Rate: 0.727 pounds/min
Total Amount Released: 7.27 pounds
Note: This chemical may flash boil and/or result in two phase flow.

THREAT ZONE:
Model Run: Heavy Gas
Red : 1494 yards --- (0.5 ppm = ERPG-2)

THREAT AT POINT:
Concentration Estimates at the point:
Downwind: 1.1 miles Off Centerline: 0 miles
Max Concentration:
Outdoor: 0.307 ppm
Indoor: 0.0238 ppm

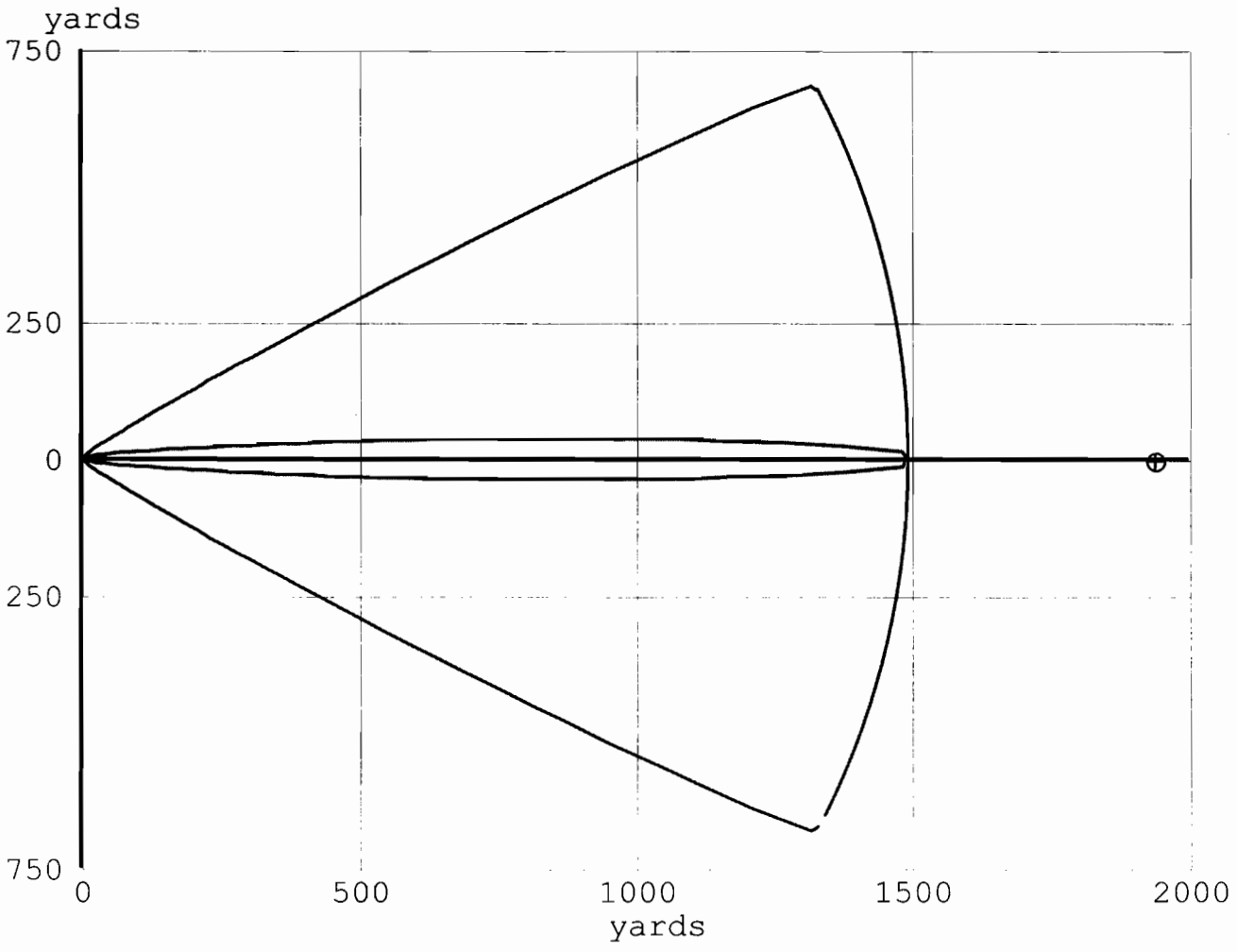
Toxic Threat Zone ALOHA® 5.4

Time: March 13, 2007 1614 hours PST (using computer's clock)

Chemical Name: PHOSPHINE
Warning: PHOSPHINE can spontaneously ignite when exposed to air. ALOHA cannot accurately predict the air hazard if a reaction occurs.

Wind: 1.5 meters/second from 0° true at 3 meters

THREAT ZONE:
Model Run: Heavy Gas
Red : 1494 yards --- (0.5 ppm = ERPG-2)

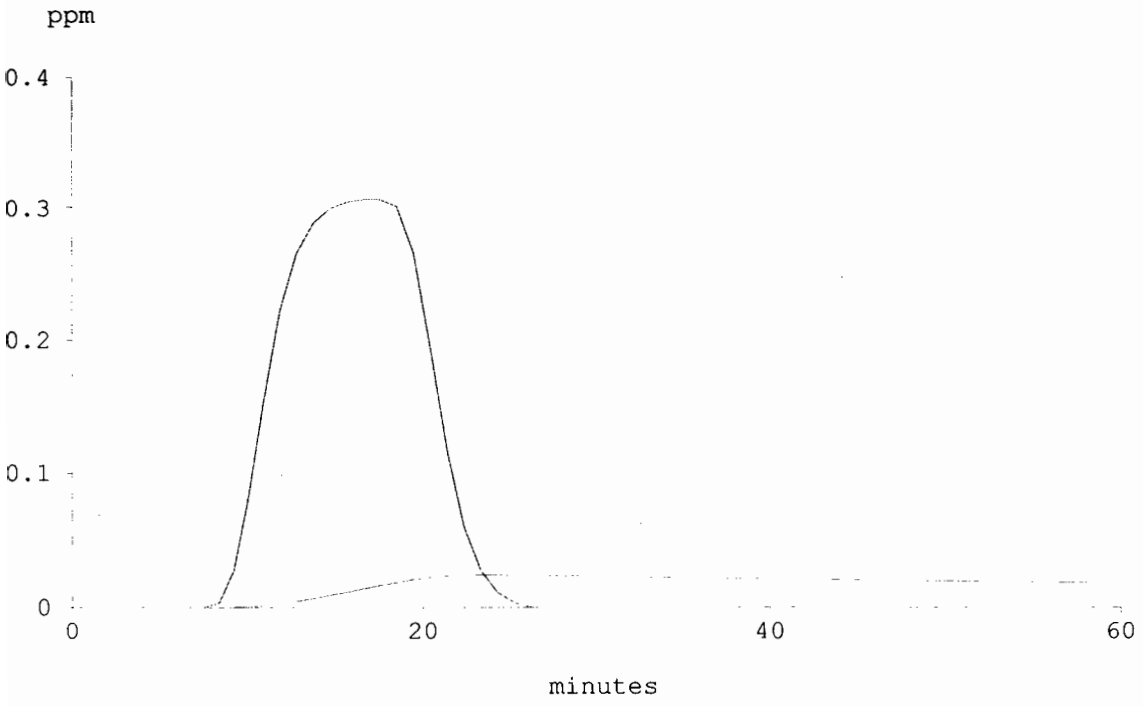


Time: March 13, 2007 1614 hours PST (using computer's clock)

Chemical Name: PHOSPHINE
Warning: PHOSPHINE can spontaneously ignite when exposed to air. ALOHA cannot accurately predict the air hazard if a reaction occurs.

Building Air Exchanges Per Hour: .5 (user specified)

THREAT AT POINT:
Model Run: Heavy Gas
Concentration Estimates at the point:
Downwind: 1.1 miles Off Centerline: 0 miles
Max Concentration:
Outdoor: 0.307 ppm
Indoor: 0.0238 ppm



Fairchild
HCL

SITE DATA:
Location: SAN JOSE, CALIFORNIA
Building Air Exchanges Per Hour: .5 (user specified)
Time: March 13, 2007 1614 hours PST (using computer's clock)

CHEMICAL DATA:
Warning: HYDROGEN CHLORIDE can react with water and/or water vapor. This can affect the evaporation rate and downwind dispersion. ALOHA cannot accurately predict the air hazard if this substance comes in contact with water.
Chemical Name: HYDROGEN CHLORIDE Molecular Weight: 36.46 g/mol
AEGL-1(60 min): 1.8 ppm AEGL-2(60 min): 22 ppm AEGL-3(60 min): 100 ppm
IDLH: 50 ppm
Ambient Boiling Point: -121.0° F
Vapor Pressure at Ambient Temperature: greater than 1 atm
Ambient Saturation Concentration: 1,000,000 ppm or 100.0%

ATMOSPHERIC DATA: (MANUAL INPUT OF DATA)
Wind: 1.5 meters/second from 0° true at 3 meters
Ground Roughness: urban or forest Cloud Cover: 5 tenths
Air Temperature: 70° F
Stability Class: F (user override)
No Inversion Height Relative Humidity: 50%

SOURCE STRENGTH:
Direct Source: 6 pounds/min Source Height: 0
Release Duration: 10 minutes
Release Rate: 6 pounds/min
Total Amount Released: 60.0 pounds
Note: This chemical may flash boil and/or result in two phase flow.

THREAT ZONE:
Model Run: Heavy Gas
Red : 581 yards --- (20 ppm = ERPG-2)

THREAT AT POINT:
Concentration Estimates at the point:
Downwind: 1.2 miles Off Centerline: 0 miles
Max Concentration:
Outdoor: 1.93 ppm
Indoor: 0.15 ppm

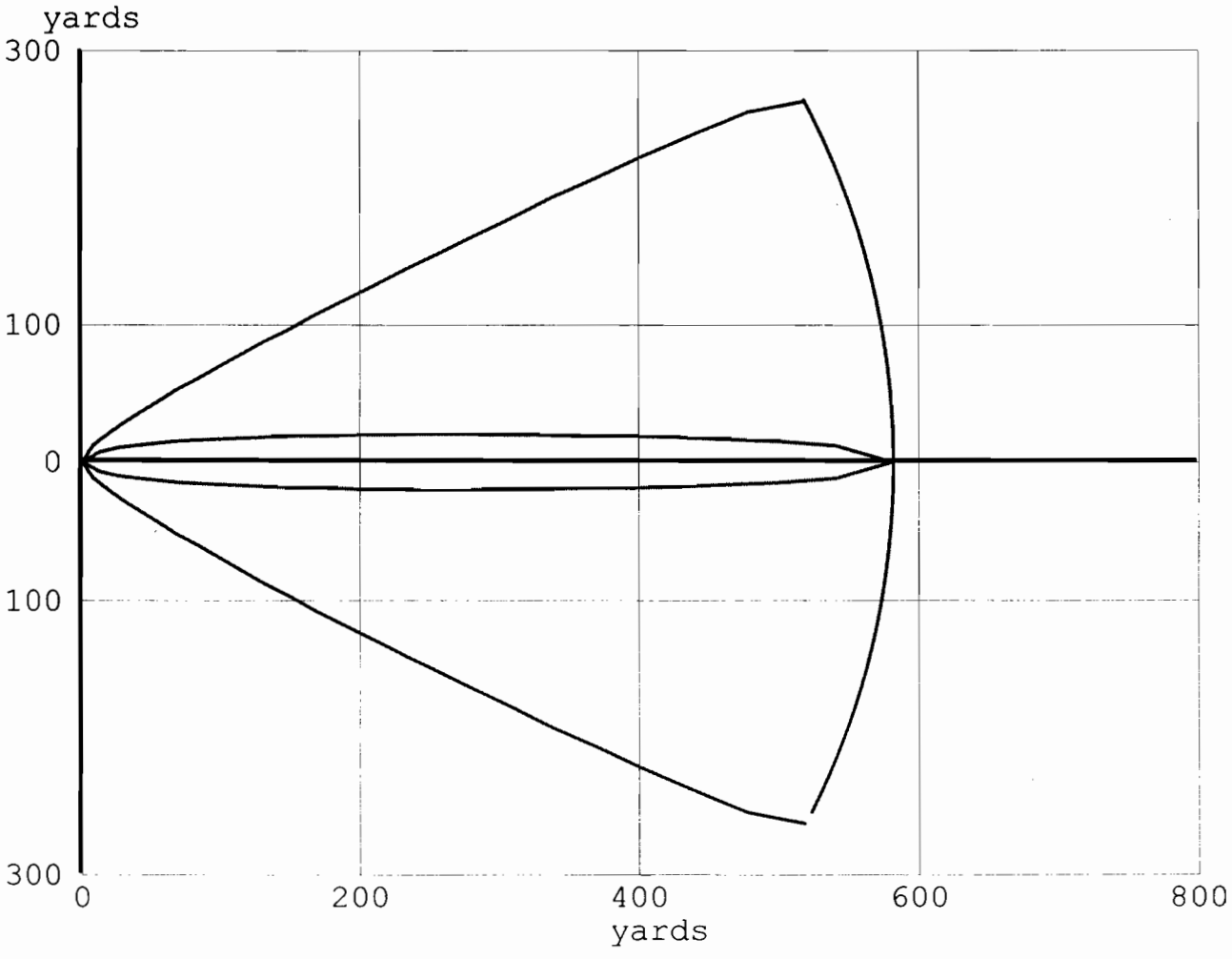
Toxic Threat Zone ALOHA® 5.4

Time: March 13, 2007 1614 hours PST (using computer's clock)

Chemical Name: HYDROGEN CHLORIDE
Warning: HYDROGEN CHLORIDE can react with water and/or water vapor. This can affect the evaporation rate and downwind dispersion. ALOHA cannot accurately predict the air hazard if this substance comes in contact with water.

Wind: 1.5 meters/second from 0° true at 3 meters

THREAT ZONE:
Model Run: Heavy Gas
Red : 581 yards --- (20 ppm = ERPG-2)



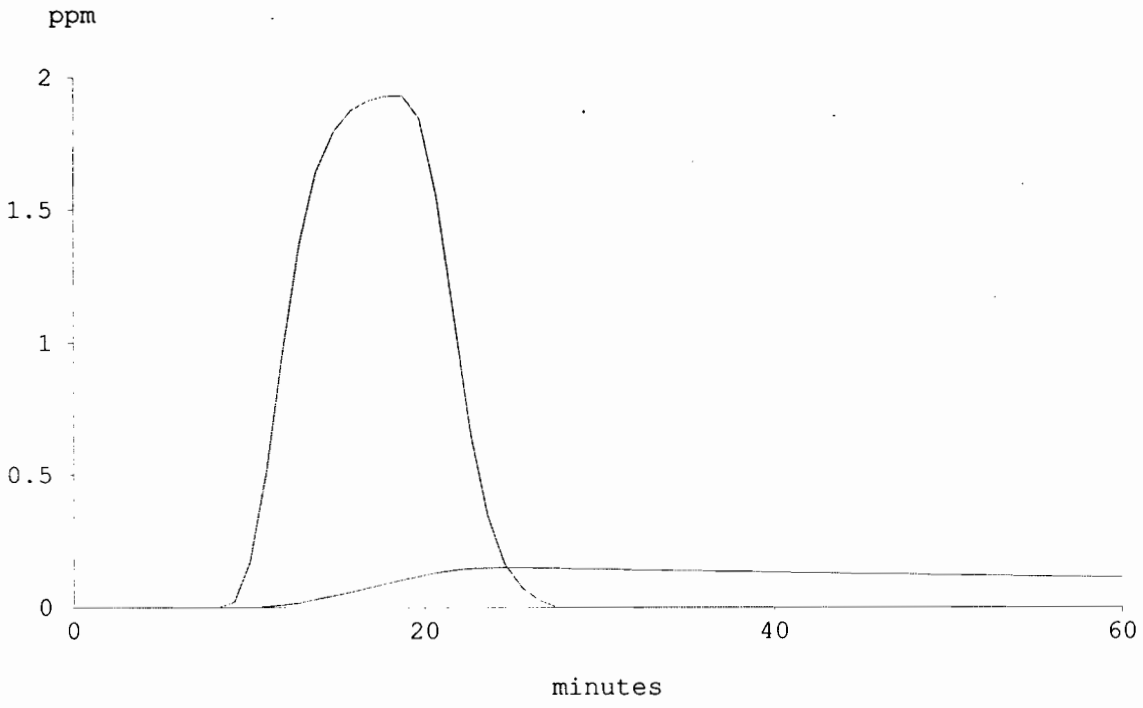
>= 20 ppm = ERPG-2
Confidence Lines

Time: March 13, 2007 1614 hours PST (using computer's clock)

Chemical Name: HYDROGEN CHLORIDE
Warning: HYDROGEN CHLORIDE can react with water and/or water vapor. This can affect the evaporation rate and downwind dispersion. ALOHA cannot accurately predict the air hazard if this substance comes in contact with water.

Building Air Exchanges Per Hour: .5 (user specified)

THREAT AT POINT:
Model Run: Heavy Gas
Concentration Estimates at the point:
Downwind: 1.2 miles Off Centerline: 0 miles
Max Concentration:
Outdoor: 1.93 ppm
Indoor: 0.15 ppm



SITE DATA:
Location: SAN JOSE, CALIFORNIA
Building Air Exchanges Per Hour: .5 (user specified)
Time: March 13, 2007 1614 hours PST (using computer's clock)

CHEMICAL DATA:
Chemical Name: HYDROGEN Molecular Weight: 2.02 g/mol
TEEL-1: 41000 ppm TEEL-2: 41000 ppm TEEL-3: 41000 ppm
LEL: 40000 ppm UEL: 750000 ppm
Ambient Boiling Point: -423.0° F
Vapor Pressure at Ambient Temperature: greater than 1 atm
Ambient Saturation Concentration: 1,000,000 ppm or 100.0%

ATMOSPHERIC DATA: (MANUAL INPUT OF DATA)
Wind: 1.5 meters/second from 0° true at 3 meters
Ground Roughness: urban or forest Cloud Cover: 5 tenths
Air Temperature: 70° F
Stability Class: F (user override)
No Inversion Height Relative Humidity: 50%

SOURCE STRENGTH:
Direct Source: 150 gallons/min Source Height: 0
Source State: Liquid
Source Temperature: -424° F
Release Duration: 10 minutes
Release Rate: 89.2 pounds/min
Total Amount Released: 892 pounds
Note: This chemical may flash boil and/or result in two phase flow.
Use both dispersion modules to investigate its potential behavior.

THREAT ZONE:
Threat Modeled: Overpressure (blast force) from vapor cloud explosion
Type of Ignition: ignited by spark or flame
Level of Congestion: uncongested
Model Run: Gaussian
Red : 186 yards --- (1.0 psi = shatters glass)

THREAT AT POINT:
Overpressure Estimate at the point:
Downwind: 1.2 miles Off Centerline: 0 miles
There is no significant overpressure at the point selected.

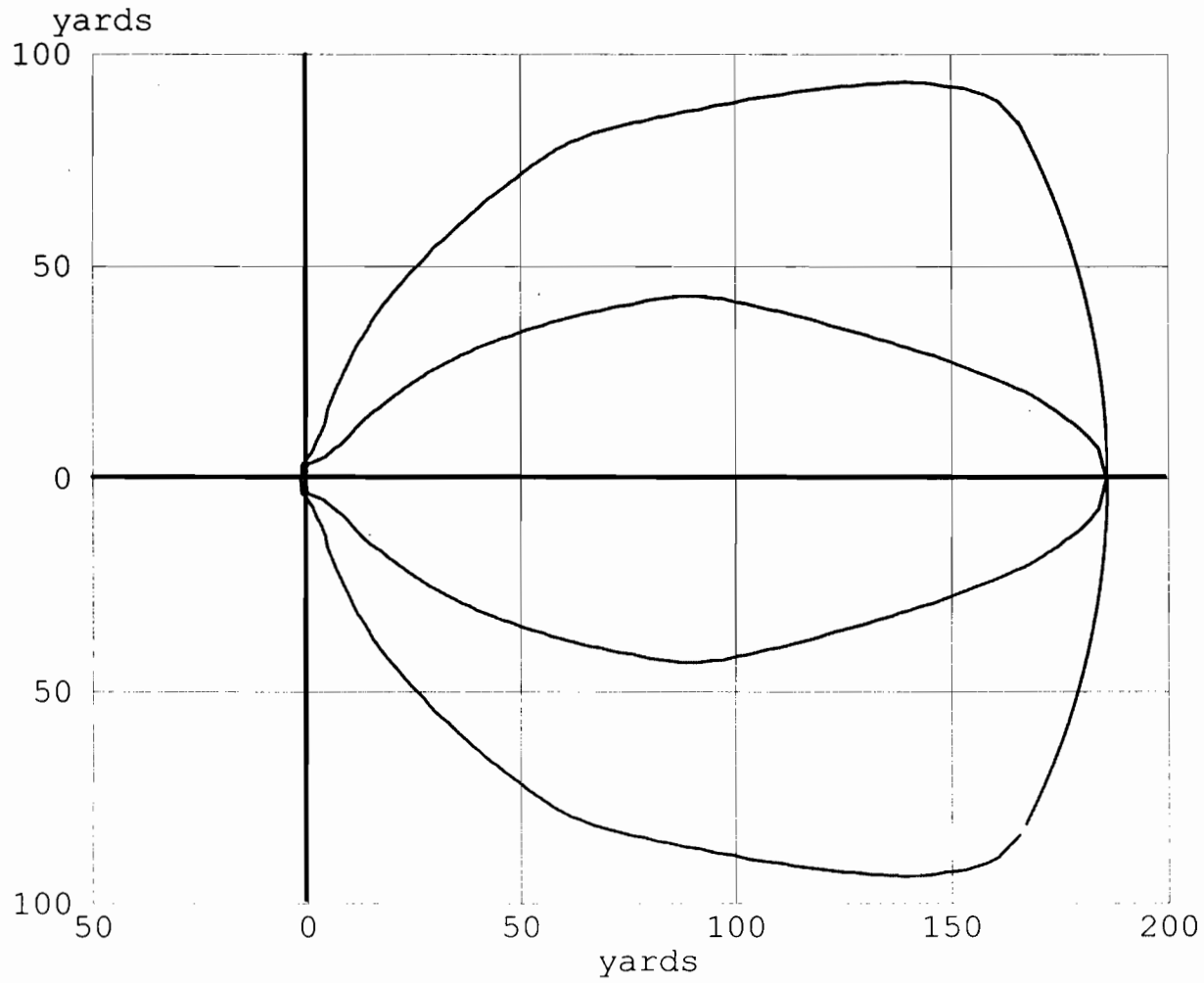
Overpressure (Blast Force) Threat Zone ALOHA® 5.4

Time: March 13, 2007 1614 hours PST (using computer's clock)

Chemical Name: HYDROGEN

Wind: 1.5 meters/second from 0° true at 3 meters

THREAT ZONE:
Threat Modeled: Overpressure (blast force) from vapor cloud explosion
Type of Ignition: ignited by spark or flame
Level of Congestion: uncongested
Model Run: Gaussian
Red : 186 yards --- (1.0 psi = shatters glass)



>= 1.0 psi = shatters glass
Confidence Lines

Overpressure at Point ALOHA® 5.4

Time: March 13, 2007 1614 hours PST (using computer's clock)

Chemical Name: HYDROGEN

Building Air Exchanges Per Hour: .5 (user specified)

THREAT AT POINT:
Model Run: Gaussian
Overpressure Estimate at the point:
Downwind: 1.2 miles Off Centerline: 0 miles
There is no significant overpressure at the point selected.

There is no significant overpressure at the point selected.

At Point: Downwind: 1.2 miles Off Centerline: 0 miles

APPENDIX J

RESPONSES TO NOP

DEPARTMENT OF TRANSPORTATION
111 GRAND AVENUE
P. O. BOX 23660
OAKLAND, CA 94623-0660
PHONE (510) 286-5505
FAX (510) 286-5559
TTY (800) 735-2929

Flex your power!
Be energy efficient!

June 20, 2007

SCL-880-7.87
SCL880228
SCH2007062074

Mr. Geoff Bradley
City of Milpitas
455 E. Calaveras Boulevard
Milpitas, CA 95035

Dear Mr. Bradley:

Landmark Tower Mixed Use Development – Notice of Preparation (NOP)

Thank you for including the California Department of Transportation (Department) in the early stages of the environmental review process for the proposed project. The following comments are based on our review of the proposed project NOP. As lead agency, the City of Milpitas is responsible for all project mitigation, including any needed improvements to state highways. The project's fair share contribution, financing, scheduling, implementation responsibilities and lead agency monitoring should be fully discussed for all proposed mitigation measures. The project's traffic mitigation fees should be specifically identified in the Draft Environmental Impact Report (DEIR). Any required roadway improvements should be completed prior to issuance of project occupancy permits. While an encroachment permit is only required when the project involves work in the State Right of Way (ROW), the Department will not issue an encroachment permit until our concerns are adequately addressed. Therefore we strongly recommend that the lead agency ensure resolution of the Department's California Environmental Quality Act (CEQA) concerns prior to submittal of the encroachment permit application. Further comments will be provided during the encroachment permit process if required; see the end of this letter for more information regarding the encroachment permit process.

While the City of Milpitas conducts its traffic studies in accordance with guidelines, which conform to the local Congestion Management Program managed by the Santa Clara County Valley Transportation Authority, the Department's thresholds are primarily concerned with potential impacts to the State Highway System. We encourage the City of Milpitas to coordinate preparation of the study with our office to help sharpen the focus of your scope of work and answer any questions you may have. Please see the Caltrans' *"Guide for the*

Preparation of Traffic Impact Studies" at the following website for more information: http://www.dot.ca.gov/hq/traffops/developserv/operationalsystems/reports/tisguide.pdf

Specifically, a detailed Traffic Impact Analysis (TIA) should identify impacts to I-880 and State Route (SR) 237 with and without the proposed project. The TIA should include, but not be limited to the following:

1. Information on the project's traffic impacts in terms of trip generation, distribution, and assignment. The assumptions and methodologies used in compiling this information should be addressed.

2. Average Daily Traffic (ADT) and AM and PM peak hour volumes on all significantly affected streets and highways, including crossroads and controlling intersections.

3. Schematic illustration of the traffic conditions for: 1) existing, 2) existing plus project, and 3) cumulative for the intersections in the project area.

4. Calculation of cumulative traffic volumes should consider all traffic-generating developments, both existing and future, that would affect the State Highway facilities being evaluated.

5. Mitigation measures should consider highway and non-highway improvements and services. Special attention should be given to the development of alternate solutions to circulation problems that do not rely on increased highway construction.

6. All mitigation measures proposed should be fully discussed, including financing, scheduling, implementation responsibilities, and lead agency monitoring.

We look forward to reviewing the TIA, including Technical Appendices and the Draft Environmental Impact Report (DEIR) for this project. Please send two copies to:

José L. Olveda
Office of Transit and Community Planning
Department of Transportation, District 4
P.O. Box 23660
Oakland, CA 94623-0660

Encroachment Permit

Work that encroaches onto the State ROW requires an encroachment permit that is issued by the Department. To apply, a completed encroachment permit application, environmental documentation, and five (5) sets of plans clearly indicating State ROW must be submitted to the address below. Traffic-related mitigation measures should be incorporated into the construction plans during the encroachment permit process.

See the website link below for more information.
http://www.dot.ca.gov/hq/traffops/developserv/permits/

Office of Permits
California DOT, District 4
P.O. Box 23660
Oakland, CA 94623-0660

Should you have any questions regarding this letter, please call José L. Olveda of my staff at (510) 286-5535.

Sincerely,

TIMOTHY C. SABLE
District Branch Chief
IGR/CEQA

c: Scott Morgan (State Clearinghouse)

County of Santa Clara
Roads and Airports Department

101 Skyport Drive
San Jose, California 95110-1302
(408) 573-2400

July 6, 2007

City of Milpitas
Planning Division
455 East Calaveras Blvd.
Milpitas, CA 95035

Subject: GP2007-6, ZC2007-3, MA2007-1
SZ2007-2 and EA2007-1
Notice of Preparation of an Environmental Impact Report
Landmark Tower Mixed-Use Development

Attn: Geoff Bradley

Dear Geoff:

This is in response to your Notice of Preparation of an Environmental Impact Report – request for comment for a proposed Landmark Tower Mixed-Use Development.

The review is complete and we have the following comments:

Traffic Operations

1. Include Montague Expressway in the transportation evaluation and Traffic Impact Analysis.
2. Forward EIR for our review and comment.

If you have any questions concerning the above, please contact me at (408) 573-2463.

Sincerely,

William K. Y. Yeung

William Yeung
Associate Civil Engineer
Land Development and Permits
Cc: File

Board of Supervisors: Donald F. Gage, Blanca Alvarado, Pete McHugh, Ken Yeager, Liz Kniss
County Executive: Peter Kutras, Jr.

Linda S. Adams
Secretary for
Environmental
Protection

Department of Toxic Substances Control

Maureen Gorsen, Director
700 Heinz Avenue, Suite 200
Berkeley, California 94710-2721

Arnold Schwarzenegger
Governor

July 6, 2007

Mr. Geoff Bradley
City of Milpitas
Planning Division
455 E Calaveras Blvd
Milpitas, California 95035

Dear Mr. Bradley:

Thank you for the opportunity to comment on the Notice of Preparation (NOP) for the Environmental Impact Report (EIR) for the Landmark Tower Mixed-Use Development project (SCH #2007062074). As you may be aware, pursuant to the California Health and Safety Code, Division 20, Chapter 6.8, the California Department of Toxic Substances Control (DTSC) oversees cleanup of sites where hazardous substances have been released. As a potential Resource Agency, DTSC is submitting comments to help ensure environmental documentation prepared for this project under California Environmental Quality Act (CEQA) adequately addresses any remediation activities pertaining to releases of hazardous substances.

According to the NOP for the draft EIR, the project consists of redevelopment of a 3-acre sits most recently used by a car dealer. The NOP states that existing hazards or hazardous materials will be addressed based on a Phase I Hazardous Material Investigation and inventory and analysis of hazardous material uses in the vicinity of the project site.

The NOP does not mention the need to thoroughly investigate all historical uses of the property. Without this information, DTSC will be unable to determine whether hazardous substances may have been released at the Site. We strongly suggest that the City of Milpitas ensure that the Phase I investigation thoroughly assesses all historical activities at the property. Based on that information, samples should be collected to determine whether additional issues need to be addressed in the CEQA compliance document. If hazardous substances have been released to the soil, ground water, or surface water at the Site, this contamination will need to be addressed as part of the project.

For example, if the proposed project includes soil excavation and remediation, the CEQA document should include: (1) an assessment of air impacts and health impacts associated with soil excavation activities; (2) identification of applicable local standards, which may be exceeded by the excavation activities, including dust levels and noise; (3) transportation impacts from the removal or remedial activities; and (4) risk of upset if an

accident occurs at the Site.

DTSC and the Regional Board signed a Memorandum of Agreement (MOA), March 1, 2005 aimed at preventing duplication of efforts among the agencies in the regulatory oversight of investigation and cleanup activities at brownfield sites. Under the MOA, anyone requesting oversight from DTSC or the Regional Board must submit an application to initiate the process to assign the appropriate oversight agency. The completed application and site information may be submitted to either DTSC or Regional Board office in your geographic area.

Please contact Amy E. DeMasi at (510) 540-3812 if you have any questions or would like to schedule a meeting. Thank you in advance for your cooperation in this matter.

Sincerely,

Ryan Miya for

Denise M. Tsuji, Unit Chief
Northern California - Coastal Cleanup Operations Branch

cc: Governor's Office of Planning and Research
State Clearinghouse
PO Box 3044
Sacramento, California 95812-3044

Guenther Moskat
CEQA Tracking Center
Department of Toxic Substances Control
PO Box 806
Sacramento, California 95812-0806