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Sludge, Soil and Water Quality Evaluation and Asbestos Survey

Milpitas Main Sewage Pump Station
Milpitas, California

This report has been prepared for:

City of Milpitas
455 East Calaveras Boulevard, Milpitas, California 95305

August 4, 2004
Project No. 869-4A

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SLUDGE, SOIL AND WATER QUALITY EVALUATION

AND ASBESTOS SURVEY

MILPITAS MAIN SEWAGE PUMP STATION

MILPITAS, CALIFORNIA

1.0 INTRODUCTION

1.1 Purpose

In this report, we present the results of the sludge, soil and water quality evaluation performed at the former Milpitas Main Sewage Pump Station, located at 1425 North McCarthy Boulevard in Milpitas, California (Figure 1). In addition, we present the results of on-site lead and asbestos survey work conducted at the site. This work was performed for the City of Milpitas who is considering developing the parcel into a corporation yard. Surface improvements at the Main Sewer Pump Station will include removal of the existing operations/control building, sedimentation basin, digester, settling basin, sludge basin, chlorine contact basin, chlorine building, trailer and shed structures (see Figure 2). Fill material and other miscellaneous stockpiled soil at the site also were evaluated to help establish disposal or reuse options.

1.2 Site Background

The site is located along North McCarthy Boulevard in an agricultural and commerical area of the City of Milpitas. The parcel is bound to the north by Dixon Landing, to the east by McCarthy Boulevard and Highway 880, to the south by agricultural land and to the west by Coyote Creek.

According to the 1999 Phase I Environmental Site Assessment (ESA) performed by others (MFG, Inc, 1999), the sewage treatment facility was constructed in 1954, and included a digester, trickling filter, settling basin, operation building and a sludge lagoon. In 1964 the treatment plant was expanded to include several buildings and basins, and by 1970 had a total of five lagoons (MFG, Inc, 1999). In 1972, the City of Milpitas decommissioned the treatment plant because it had not been operating to design expectations. In 1974, the lift station on the south end of the property became operational and began pumping all sewage to the City of San Jose (MFG, Inc, 1999). Since then, the decommissioned portion of the property has been used mainly for City storage. The adjacent Coyote Creek levee was realigned in the late 1980s.

In 1986, the Santa Clara Valley Water District (SCVWD) excavated and removed the sludge contained in the five lagoons at the site. The sludge was disposed of at both Class III and Class II waste sites. As reported by MFG, available records regarding this sludge removal work are limited.

Approximately 2,000 cubic yards of mounded soils exist along the west side of the concrete treatment basins. According to a report by others (MFG, 2000), the origin of the material is likely from a channel improvement project in 1990 to 1991. Undocumented mounded fill soils also exist along the northern portion of the property. The source of the northern fill material is unknown.

1.3 Scope of Work

The scope of work for this study was outlined in our agreement dated April 20, 2004 and included the following tasks:

- Review of historic aerial photographs and previously prepared environmental reports for the site.
- Sampling and testing of documented and undocumented fill material around the site.
- Sampling and testing sludge and water contained in the various structures for characterization purposes.
- Drilling three borings and sampling soil and ground water.
- Estimating quantities of the various materials contained in structures on site.
- Evaluating disposal/re-use options for the site materials.
- A building material survey for lead paint and asbestos.
- Preparation of this report.

2.0 SLUDGE, SOIL AND WATER QUALITY EVALUATION

2.1 Sample Collection

2.1.1 Stockpiled Soil

On May 20, 2004 Staff Geologist, Gwen Erickson directed a subsurface exploration program that included the excavation of six backhoe pits (EB-1 through EB-6) to the approximate depths of 4.5 to 7 feet. The goal of this work was to obtain current information regarding the quality of soil within the on-site stockpiles so that disposal and/or reuse options could be evaluated.

Backhoe pits EB-1 and EB-2 were excavated on the documented fill mound adjacent to the settling and sludge basins. This soil was reportedly generated during a channel improvement project in 1990 to 1991. These test pits were excavated to confirm and supplement previous sampling data that was collected from this stockpile within the past few years.

Backhoe pits EB-3 though EB-6 were excavated on the undocumented fill materials on the northern portion of the parcel. Test pit locations are shown on Figure 3.

Four point composite soil samples were collected from each backhoe excavation. Sampling protocols are outlined in Appendix A. Soil samples were sent to a state-certified laboratory under chain of custody protocol and analyzed for:

- Total Petroleum Hydrocarbons as gasoline (TPHg) by EPA Test Method 8260
- Benzene, Toluene, Ethylbenzene, Xylenes (BTEX) and MTBE by EPA Test Method 8260
- TPH as Diesel (TPHd) and motor oil (TPHmo) by EPA Test Method 8015M
- Organochlorine Pesticides by EPA Test Method 8081
- California Assessment Manual (CAM) 17 metals by EPA Test Method 6010B

In addition, soil samples from backhoe pits EB-3 through EB-6 were analyzed for:

- Halogenated Volatile Organic Compounds (HVOCs) by EPA Test Method 8260B
- Polychlorinated Byphenyls (PCBs) by EPA Test Method 8082
- Semi VOCs by EPA Test Method 8270
- pH by EPA Test Method 9045C

2.1.2 Water and Sludge Sampling

From May 20 to June 8, 2004, sludge and water samples were collected from the on-site structures that are planned for demolition. Sludge and water samples were collected from these basins for chemical characterization and disposal evaluation. We attempted to collect sludge and water samples that appeared representative of each structure. Sample locations are shown on Figure 3.

Two sludge and two water samples (BLD-3A and BLD-3B) were collected from the sedimentation basin.

A total of seven sludge and seven water samples were collected from the settling, sludge and chlorine contact basins: two sludge and two water samples from the settling basin (BLD-8A and BLD-8B); three sludge and three water samples from the sludge basin (BLD-9A, BLD-9B and BLD-9C); and two sludge and two water samples from the chlorine contact basin (BLD-10A and BLD-10B).

A water sample was collected from within the digester (BLD-6), which was accessed from the top of the stairs. A gap between the “floating” roof of the structure and the sidewall allowed access to the water. However, a sludge sample could not be collected from this location. An access hatch is present near the center of the roof of the structure; however, gaining access to this hatch would require walking on the roof. The roof appeared unstable and in poor condition, thus, for safety reasons, no sample of the sludge within the digester was collected. City maintenance/operation staff at the pump station also suggested that walking on the roof should be avoided.

All sludge and water samples were submitted to a state-certified laboratory under chain of custody protocol and analyzed for:

- TPHg, BTEX and MTBE by EPA Test Method 8260
- TPHd and TPHmo by EPA Test Method 8015M
- Organochlorine Pesticides by EPA Test Method 8081
- California Assessment Manual (CAM) 17 metals by EPA Test Method 6010B
- VOCs by EPA Test Method 8260B
- PCBs by EPA Test Method 8082
- Semi VOCs by EPA Test Method 8270
- pH by EPA Test Method 9045C

Selected sludge samples were additionally analyzed for soluble metals using the federal Toxicity Characteristic Leaching Procedure (TCLP) and/or California Soluble Threshold Limit Concentration (STLC) extraction techniques. These analyses were performed to help evaluate waste disposal classification. If a soluble metal concentration in a waste exceeds the STLC, the waste is considered a California hazardous waste per Title 22 of the California Code of Regulations; if it exceeds the federal TCLP threshold, the waste is considered a federal RCRA (Resource Conservation and Recovery Act) waste per the Code of Federal Regulations. These waste designations affect landfill disposal options and costs.

Sludge samples BLD-3B, BLD-8A, BLD-8B, BLD-9B, BLD-9C and BLD-10A were analyzed for:

- TCLP Lead per EPA test Method 6010B

Sludge samples BLD-9B and BLD-9C were analyzed for:

- STLC lead per EPA test Method 6010B

The sludge sample BLD-10 was analyzed for:

- TLCP Cadmium, Chromium and Mercury per EPA test Method 6010B

The sludge sample BLD-8B was analyzed for:

- TLCP Cadmium per EPA test Method 6010B

2.1.3 Native Soil and Ground Water Evaluation

On May 26 and 27, 2004, Staff Environmental Geologist Gwen Erickson collected three soil and two ground water samples from borings B-4, B-5 and B-6 to evaluate baseline soil and groundwater quality, and to evaluate potential impacts from the former settling ponds/sewage lagoons at the site. These borings were advanced using a hollow stem rotary auger drill rig. Boring locations are presented on Figure 3. A native soil sample was collected at a depth of approximately 13 to 13.5 feet from borings B-4, B-5 and B-6; grab ground water samples were collected from borings B-4 and B-5.

Soil samples were submitted to a state-certified laboratory under chain of custody protocol and analyzed for:

- TPHg, BTEX and MTBE by EPA Test Method 8260
- TPHd and TPHmo by EPA Test Method 8015M
- Organochlorine Pesticides by EPA Test Method 8081
- LUFT CAM 17 metals by EPA Test Method 6010B
- VOCs by EPA Test Method 8260B
- PCBs by EPA Test Method 8082
- Semi VOCs by EPA Test Method 8270

Ground water samples were submitted to a state-certified laboratory under chain of custody protocol and analyzed for:

- TPHg by EPA Test Method 8260
- TPHd and TPHmo by EPA Test Method 8015M
- LUFT CAM 17 metals by EPA Test Method 6010B
- VOCs by EPA Test Method 8260B
- Semi VOCs by EPA Test Method 8270

2.2 Sample Analyses

Laboratory analyses for TPH, BTEX, MTBE, pH, PCBs, HVOCs and VOCs in sludge and soil are summarized in Table 1. Table 2 summarizes analytical results for pesticides in sludge and soil. Tables 3 and 4 present laboratory results for Semi-VOCs and Metals, respectively, in sludge and soil. Table 5 presents laboratory results for soluble metals.

Tables 6 presents laboratory results for dissolved TPH, BTEX, MTBE, VOCs, pH and PCBs in water and/or ground water. Table 7 presents analytical results for pesticides and Table 8 presents analytical results for total CAM 17 metal concentrations in water and ground water.

Copies of the analytical reports and chain of custody documentation are presented in Appendix A.

The Environmental Screening Levels (ESLs) presented in the Tables are risk-based concentrations developed by the San Francisco Bay Regional Water Quality Control Board (RWQCB). The ESLs were developed to protect human health and also address potential ecological concerns and beneficial uses of ground water.

As stated by the RWQCB, the ESLs are considered conservative. The presence of a chemical at a concentration above an ESL does not necessarily indicate that adverse impacts to human health or the environment are occurring; exceeding ESLs indicates that the potential for impacts may exist and that additional evaluation may be needed.

The total threshold limit concentrations (TTLCs) listed in Table 4 are the levels above which a solid waste is considered hazardous per Title 22 of the California Code of Regulations.

3.0 ASBESTOS AND LEAD PAINT SURVEY

An asbestos and lead paint survey of the structures to be demolished was performed at the site on May 17, 2004 by RGA Environmental, Inc. The report is presented in Appendix B. An addendum letter dated July 28, 2004 also is attached. Several of the building materials were found to contain asbestos. Most painted surfaces across the site were found to contain lead. The asbestos and lead results are discussed in detail in the attached reports.

To evaluate appropriate disposal methods for the painted concrete structures, concrete core samples were collected from three locations including the digester (C1), the settling basin (C2), and the sedimentation basin (C3). These 2-inch diameter concrete core samples were collected from representative locations where the lead containing paint was observed to be intact. The core samples were submitted to a state-certified laboratory and analyzed for total and soluble (STLC) lead. To obtain results that were representative of the entire mass of the sample, the samples were crushed and homogenized prior to analysis. Laboratory results of total lead and STLC lead analyses are presented below.

Sample ID	Date	Total Lead	STLC Lead
C1	7/22/04	2.7	ND<0.5
C2	7/22/04	4.2	ND<0.5
C3	7/22/04	5.5	ND<0.5
TTLC and STLC		1,000	5.0

Note: Results are in parts per million
TTLC - Total Threshold Limit Concentrations (Title 22 California Code of Regulations)
STLC - Soluble Threshold Limit Concentrations (Title 22 California Code of Regulations)

4.0 SLUDGE AND WATER VOLUMES ESTIMATES

To estimate the quantity of sludge and water contained in structures to be demolished across the site, we observed each structure and collected field measurements. Because the shape and depth of some of the structures was not clearly discernible in the field, we also reviewed cross-sections provided by the City of Milpitas, and West Yost and Associates.

Volumes are based on site conditions at the time field data was collected, approximately May 20, 2004 to June 2, 2004, and subsequently adjusted based on observations made during a recent visit to the site in July 2004, during which we observed a decrease in water levels in bays of the sludge, chlorine and settling basins. The total volume of water contained in the basins during this study is

estimated to be approximately 287,000 gallons. The observed decrease in water volume is likely caused by evaporation, which will likely continue through the dry summer months. Significant increases in water volumes should be anticipated during wet weather conditions. The estimated sludge volume is approximately 530 cubic yards.

Table 9 summarizes the sludge and water volume estimates in each structure to be demolished. Note that these are only rough estimates. The non-uniform shapes of the structures, sloping surfaces, the presence of underwater sludge sumps, and variations in sludge thicknesses across the multiple structure sections resulted in the need to make generalizations when preparing the volume estimates.

5.0 CONCLUSIONS AND RECOMMENDATIONS

5.1 Soil Stockpiles

Laboratory analysis of composite soil samples collected from the exploratory backhoe pits detected low levels of diesel and oil range petroleum hydrocarbons. The detected concentrations do not exceed RWQCB industrial ESLs. The highest detected TPHmo concentration (510 ppm) only slightly exceeds the residential ESL of 500 ppm. Gasoline range petroleum hydrocarbons, BTEX, MTBE, VOCs and Semi-VOCs were not detected in the soil stockpile samples. PCBs were detected at a low concentrations (0.053 ppm) in one sample.

The detected metal concentrations in the stockpile soil samples are typical of natural background concentrations; they do not exceed the RWQCB residential or industrial ESLs.

Low levels of pesticides also were detected. Most concentrations do not exceed the RWQCB residential or industrial ESLs. The ESLs for dieldrin and endrin were exceeded slightly in a single sample. However, the ESLs for both of these analytes are controlled by their leaching potential due to their toxicity to aquatic life, if the soil were to be used in an aquatic environment. The ESLs associated with potential human health concerns under both residential and commercial site use scenarios are much higher, and were not exceeded.

A previous investigation (MFG, 1999) of the documented fill mound reported a similar detectable dieldrin concentration. It was the conclusion of the Regional Water Quality Control Board (RWQCB) in letters dated February 29, 2000 and May 19, 2000 (Appendix C) that the stockpiled soil did not pose a significant health or water quality threat; and that the stockpiled soil may be re-used on-site. We agree with this conclusion.

From an environmental standpoint, the stockpiled soil appears suitable for on-site reuse or use at another off-site residential or commercial construction site. If taken to another property, written approval from that property owner should be obtained. The soil could also be taken to a Class II or, possibly a Class III landfill. Prior to acceptance, the Class III landfills will likely require some additional soluble metals

analyses. The total metals concentrations detected are typical of natural background levels, but the Class III landfills, due to their stringent operating permit requirements, will additionally require these solubility tests based on the total metal concentrations that were detected. If landfill disposal is planned, the desired landfill should be identified and these additional analyses should be run per the selected landfills acceptance criteria. The soil would likely be acceptable for disposal at a Class II landfill without any further solubility tests.

As discussed in our geotechnical report, due to the amount of debris and organic material in the smaller undocumented mounds of soil on the northern portion of the site, we recommend that these mounds of soil be disposed off-site. The larger stockpile of soil west of the settling/sludge basins appears suitable for on-site fill. We refer you to our geotechnical report for further details.

5.2 Sludge Quality

Approximately 530 cubic yards of sludge were estimated to be present at the site. As shown in the attached tables, generally low levels of pesticides, PCBs, and semi-VOCs were detected in several sludge samples. Low to moderate concentrations (up to 10,000 ppm) of mainly diesel and oil range petroleum hydrocarbons also were detected. In several samples, the detected concentrations of these compounds exceed the RWQCB residential and industrial ESLs.

The main contaminants of concern in the sludge appear to be metals, specifically, lead. Lead was detected in about half of the samples at concentrations that exceed the State hazardous waste threshold (Total Threshold Limit Concentration - TTLC of 1,000 ppm [Title 22 of the California Code of Regulations]). In four of the samples, total lead concentrations ranged from 1,300 to 1,500 ppm. These samples were collected from the sedimentation basin, the settling basin, and the chlorine contact basin. To evaluate whether the sludge from these structures exceeds federal standards for soluble lead, laboratory analyses using the federal Toxicity Characteristic Leaching Procedure (TCLP) were performed; the TCLP analyses did not detect soluble lead. Thus, the sludge appears to be a non-RCRA, California-hazardous waste and would need to be disposed at a Class I landfill. The term non-RCRA indicates that the waste does not exceed limits outlined in the federal Resource Conservation and Recovery Act.

In the samples from the sludge basin, total lead was detected at up to 110 ppm; although this total level is below the state TTLC, soluble lead testing was performed to evaluate if the sludge exceeds the state's soluble threshold limit concentration (STLC) of 5.0 mg/l. Laboratory results indicate soluble (STLC) lead concentrations in the sludge of 2.5 and 2.8 mg/l, which are below the state STLC of 5.0 mg/l. Thus, disposal at a Class II landfill would appear appropriate.

Dewatering of the sludge by drying or mechanical means (or other solidification methods) will need to be performed prior to landfill disposal to meet the selected landfills disposal criteria.

Because the sludge within the digester could not be sampled due to safety concerns and lack of access, this sludge should be sampled and analyzed prior to disposal so that an appropriate landfill can be selected. This sludge should be handled as if it is a hazardous waste (based on knowledge of sludge characteristics within the other structures) until shown otherwise through laboratory testing.

5.3 Water Quality

Analyses of the water contained in the various structures detected mainly low to moderate levels of diesel and oil range petroleum hydrocarbons (up to 4,800 ppb). Elevated metals concentrations also were detected. Pesticides, BTEX compounds, MTBE, PCBs, VOCs and Semi-VOCs were typically not detected or found only at low levels. The Laboratory results are summarized in the attached tables. Approximately 300,000 gallons of water were measured in the structures at the time of our study.

If allowed, the most cost effective disposal alternative for the water would be to pump the water to the City of San Jose wastewater treatment plant. Based on discussions with Mr. Joe Denk of the City of San Jose Environmental Services Department, the City of Milpitas (or contractor disposing of the water on behalf of the City) will need to complete a discharge application and provide the sampling data for their review and approval. Mr. Denk indicated that for water to be discharged from the basins into the City of San Jose sewer system a temporary discharge permit application and application fee ($560.00) will be required.

Based on discussions with Mr. Denk and his preliminary review of the data, it appears that the City of San Jose may accept a portion of the water. Two samples, BLD-9A and BLD-9C, exceed either lead and/or zinc discharge limits listed in the document attached in Appendix D, which was referenced by Mr. Denk. Though the document was written for the City of Santa Clara, Mr. Denk indicated that Milpitas and San Jose use it as well. Since both of these samples are from the sludge basin, the remaining water would appear acceptable without any pre-treatment (submittal of a discharge application/fees and official review and approval by the City of San Jose would still be required prior to discharge). The water within the sludge basin appears to require pre-treatment to meet the requirements described in the above referenced document.

If the metals do exceed levels that are acceptable to the City of San Jose, it is likely that a significant reduction in concentrations can be achieved by on-site pre-treatment. We would suggest that the water be placed for settling into temporary storage tanks and filtered, as needed, through particulate filters to reduce suspended solids concentrations that are the likely cause of the elevated metal concentrations. Other metals reduction methods may also be needed.

5.4 Native Soil and Groundwater Evaluation

Based on the laboratory analyses of native soil and ground water at the site (B-4, B-5, and B-6), past site uses do not appear to have significantly impacted soil or ground water quality. These soil and ground water samples were collected from areas previously occupied by settling ponds.

5.5 Asbestos and Lead Survey

Several building materials at the operations building, chlorine building, sedimentation basin, and digester were found to contain asbestos. The asbestos results are discussed in detail in the attached report. The identified asbestos containing materials must be removed prior to building demolition.

Additionally, most painted surfaces were found to contain lead. If lead-containing paint is still bonded to the building materials, its removal is not required prior to demolition. It will be necessary, however, to follow the requirements outlined by Cal/OSHA Lead in Construction Standard, Title 8, California Code of Regulations (CCR) during demolition activities; these requirements include employee training, employee air monitoring, and dust control. If lead containing paint is peeling, flaking or blistered, it should be removed prior to demolition. It is assumed that such paint will become separated from the building components during demolition activities; thus, it must be managed and disposed as a separate waste steam. Most lead concentrations detected in the paint exceed the state TTLC of 1,000 ppm; thus, removed paint will be classified as a hazardous waste and require disposal at a Class I landfill.

The attached survey report is not intended to be used for bidding purposes or as abatement specifications. We recommend that appropriate abatement specifications be prepared.

We understand that consideration is being given to crushing the removed concrete structures for recycling. Based on the total and soluble lead data obtained from the concrete core samples, when the total mass of the concrete structure is considered, only low levels of total lead (up to 5.5 ppm) were detected and no soluble lead was detected. Thus, the material would not appear to pose a significant threat to human health or the environment.

5.6 Other Observations

During our site work, we observed what appeared to be a ground water monitoring well to the north of the chlorine building. This well was constructed of 2-inch diameter PVC casing. We recommend that the Santa Clara Valley Water District Well Department be contacted to evaluate if well construction records are on file and to establish if there are any other wells on-site. Any unneeded wells should be appropriately destroyed following Santa Clara Valley Water District guidelines prior to site redevelopment activities.

In addition, two silver metal switches/boxes were observed leaning against a concrete structure associated with the force main located to the north of the digester. This equipment is reportedly not connected. Labeling on the devices indicates that each contains several pounds of mercury. These mercury-containing devices should be taken to an appropriate recycling facility that is permitted to handle mercury containing wastes.

6.0 LIMITATIONS

This report was prepared for the sole use of City of Milpitas in evaluating sludge, water, soil and ground water quality at the Milpitas Sewage at the time of this study. 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. The chemical and other data presented in this report can change over time and are applicable only to the time this study was performed. We are not responsible for the data presented by others.

The accuracy and reliability of geo- or hydrochemical studies are a reflection of the number and type of samples taken and extent of the analyses conducted, and are thus inherently limited and dependent upon the resources expended. Chemical analyses were performed for specific parameters during this investigation, as detailed in the scope of services. Please note that additional constituents not analyzed for during this evaluation may be present. Our sampling and analytical plan was designed using accepted environmental principles and our judgment for the performance of an environmental evaluation and was based on the approved degree of investigation. It is possible to obtain a greater degree of certainty, if desired, by implementing a more rigorous sampling program or evaluating the risk posed by the contaminants detected, if any.

7.0 REFERENCES

7.1 Aerial Photographs

Date	Flyer	Scale	Type
1939	Fairchild	1”=555’	black & white
1956	Aero	1”=555’	black & white
1965	Cartwright	1”=333’	black & white
1982	WSA	1”=690’	black & white
1993	USGS	1”=666’	black & white

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Table 1: Laboratory Results for Selected Analytes in Soil and Sludge
City of Milpitas
Milpitas Main Sewer Pump Station
Lowney Job No.: 869-4A

Sample ID	Depth (feet)	Date	TPHg	TPHd	TPHmo	BTEX	MTBE	pH	PCBs	VOC's
Stockpiled Soil										
EB-1	Comp.	5/20/04	ND<1.0	6.3	ND<50	ND<0.005	ND<0.005	---	---	---
EB-2	Comp.	5/20/04	ND<1.0	5.8	ND<50	ND<0.005	ND<0.005	---	---	---
EB-3	Comp.	5/20/04	ND<1.0	28	510	ND<0.005	ND<0.005	7.5	ND<0.05	ND<0.005-0.01[c]
EB-4	Comp.	5/20/04	ND<1.0	25	380	ND<0.005	ND<0.005	7.7	ND<0.05	ND<0.005-0.01[c]
EB-5	Comp.	5/20/04	ND<1.0	22	250	ND<0.005	ND<0.005	7.9	0.053[a]	ND<0.005-0.01[c]
EB-6	Comp.	5/20/04	ND<1.0	46	220	ND<0.005	ND<0.005	8.6	ND<0.05	ND<0.005-0.01[c]
Sludge Samples										
BLD-3A	Sludge	5/21/04	ND<1.0	13	55	ND<0.005	ND<0.005	7.2	0.22[a]	Methylene chloride=0.012 others ND<0.005-0.050
BLD-3B	Sludge	5/21/04	ND<1.0	40	150	ND<0.005	ND<0.005	8.3	0.13[a]	Acetone=0.15 others ND<0.005-0.050
BLD-8A	Sludge	5/24/04	**25**	**1,700**	**4,400**	T=0.03 X=0.19 others ND	ND<0.025	8.1	0.37[a]	See below[1] others ND<0.021-0.210
BLD-8B	Sludge	5/24/04	ND<1.0	**720**	920	ND<0.005	ND<0.005	6.7	0.25[a]	Acetone=**0.25** others ND<0.005-0.050
BLD-9A	Sludge	5/24/04	ND<1.0	98	510	ND<0.005	ND<0.005	7.1	0.20[a]	Acetone=0.18, 1,2,4-Trimethyl-benzene=0.0082 others ND<0.018-0.180
BLD-9B	Sludge	5/24/04	ND<1.0	28	100	ND<0.005	ND<0.005	7.8	**0.59[a] / 0.88[b]**	ND<0.005-0.050
BLD-9C	Sludge	5/24/04	---	**840**	**1,100**	---	---	7.5	0.066[a] / 0.12[b]	Acetone=0.11, 1,2,4-Trimethyl-benzene=0.045, 1,3,5-Trimethyl-benzene=0.019, others ND<0.005-0.050
BLD-10A[d]	Sludge	5/24/04	ND<1.0	**1,700**	**10,000**	X=0.015 others ND<0.005	ND<0.005	7.1	**2.1[a] / 3.1[b]**	Acetone=0.002, 2Butanone(MEK)=0.054, Methylene chloride=0.072, others ND<0.005-0.050

Table 1: Laboratory Results for Selected Analytes in Soil and Sludge
City of Milpitas
Milpitas Main Sewer Pump Station
Lowney Job No.: 869-4A

Sample ID	Depth (feet)	Date	TPHg	TPHd	TPHmo	BTEX	MTBE	pH	PCBs	VOC's
BLD-10B	Sludge	5/24/04	ND<3.3	**1,400**	**4,900**	X=0.022 others ND<0.017	ND<0.017	7.8	ND<0.5	Acetone=0.24 others ND<0.005-0.050
Soil Borings										
B-4	13-13.5	5/27/04	ND<1.0	ND<1.0	ND<50	ND<0.005	ND<0.005	---	ND<0.05	Acetone=0.083, Carbon disulfide=0.011, others ND<0.005-0.050
B-5	13-13.5	5/27/04	ND<1.0	ND<1.0	ND<50	ND<0.005	ND<0.005	---	ND<0.05	ND<0.005-0.050
B-6	13-13.5	5/27/04	ND<1.0	4.2	ND<50	ND<0.005	ND<0.005	---	ND<0.05	ND<0.005-0.050
Residential ESLs			100	100	500	B=0.044 T=2.9 E=3.3 X=1.5	0.023	NE	0.22	Acetone=0.24 Methylene chloride=0.077 MEK=3.9
Industrial ESLs			100	100	1,000	B=0.044 T=2.9 E=3.3 X=1.6	0.023	NE	0.74	Acetone=0.24 Methylene chloride=0.077 MEK=3.9

Bold Indicates that the compound was detected at a concentrations exceeding the Industrial ESL

< Indicates that the compound was not detected at or above the stated laboratory detection limit

ND Not Detected

TPHg =Total Petroleum Hydrocarbons as Gasoline; TPHd=Total Petroleum Hydrocarbons as Diesel; TPHmo=Total Petroleum Hydrocarbons as Motor Oil

BTEX=Benzene, Toluene, Ethylbenzene, and Xylenes; MTBE=Methyl tertiary-butyl ether, PCBs=Poly-chlorinated biphenyls; VOCs=Volatile Organic Compounds

Note: All results reported in ppm.

* Environmental Screening Levels. California Regional Water Quality Control Board. July 2003.

[1] Acetone=0.17; n-Butylbenzene=0.01;p-Isopropyltoluene=0.0096; Naphthalene=0.022; 1,2,4-Trimethylbenzene=0.022; 1,3,5-Trimethylbenzene=0.0099; and Total Xylenes=0.021.

[a] Aroclor 1260

[b] Aroclor 1254

[c] Halogenated VOCs

[d] A duplicate sample was collected 6-8-04. Highest detected concentrations are shown.

Table 2: Laboratory Results for Selected Pesticides in Soil and Sludge
City of Milpitas
Milpitas Main Sewer Pump Station
Lowney Job No.: 869-4A

Sample ID	Depth (feet)	Date	Dieldrin	Endrin aldehyde	Endrin	4,4'-DDT	4,4'-DDE	4,4'-DDD	alpha-Chlordane	gamma-Chlordane
Stockpiled Soil										
EB-1	Comp	5/20/04	ND<0.002	ND<0.002	ND<0.002	0.011	0.021	ND<0.002	0.0021	ND<0.002
EB-2	Comp	5/20/04	**0.0033**	ND<0.002	**0.0029**	0.017	0.032	0.0034	0.0032	0.0039
EB-3	Comp	5/20/04	ND<0.010	ND<0.010	ND<0.010	0.026	0.038	ND<0.010	ND<0.010	ND<0.010
EB-4	Comp	5/20/04	ND<0.010	ND<0.010	ND<0.010	0.014	0.015	ND<0.010	ND<0.010	ND<0.010
EB-5	Comp	5/20/04	ND<0.010	ND<0.010	ND<0.010	0.03	0.028	ND<0.010	ND<0.010	0.01
EB-6	Comp	5/20/04	ND<0.010	ND<0.010	ND<0.010	ND<0.010	0.03	ND<0.010	ND<0.010	ND<0.010
Sludge Samples										
BLD-3A	Sludge	5/21/04	ND<0.010	ND<0.010	**0.02**	0.046	ND<0.010	0.011	0.012	0.014
BLD-3B	Sludge	5/21/04	ND<0.020	ND<0.020	ND<0.020	ND<0.020	ND<0.020	ND<0.020	ND<0.020	ND<0.020
BLD-8A	Sludge	5/24/04	ND<0.010	ND<0.010	ND<0.010	0.039	ND<0.010	ND<0.010	ND<0.010	ND<0.010
BLD-8B	Sludge	5/24/04	ND<0.010	ND<0.010	**0.021**	0.032	ND<0.010	ND<0.010	ND<0.010	ND<0.010
BLD-9A	Sludge	5/24/04	ND<0.010	ND<0.010	ND<0.010	ND<0.010	ND<0.010	ND<0.010	ND<0.010	ND<0.010
BLD-9B	Sludge	5/24/04	ND<0.010	ND<0.010	**0.038**	0.082	ND<0.010	ND<0.010	ND<0.010	0.024
BLD-9C	Sludge	5/24/04	ND<0.010	ND<0.010	ND<0.010	ND<0.010	ND<0.010	ND<0.010	ND<0.010	ND<0.010
BLD-10A	Sludge	5/24/04[b]	ND<0.010	0.011	**0.037**	0.14	0.026	0.024	0.03	ND<0.010
BLD-10B	Sludge	5/24/04	ND<0.010	ND<0.010	ND<0.010	ND<0.010	ND<0.010	ND<0.010	ND<0.010	ND<0.010
Soil Borings										
B-4	13-13.5	5/27/04	ND<0.020	ND<0.020	ND<0.020	ND<0.020	ND<0.020	ND<0.020	ND<0.020	ND<0.020
B-5	13-13.5	5/27/04	ND<0.020	ND<0.020	ND<0.020	ND<0.020	ND<0.020	ND<0.020	ND<0.020	ND<0.020
B-6	13-13.5	5/27/04	ND<0.020	ND<0.020	ND<0.020	ND<0.020	ND<0.020	ND<0.020	ND<0.020	ND<0.020
Residential ESLs*			0.0023	NE	0.00065 (3.7)[a]	1.7	1.7	2.4	0.44	0.44
Industrial ESLs*			0.0023	NE	0.00065 (3.7)[a]	4.0	4.0	10	1.7	1.7

Bold Indicates that the compound was detected at a concentrations exceeding the Industrial ESL

< Indicates that the compound was not detected at or above the stated laboratory detection limit

ND Not Detected

Note: All results reported in ppm. Organochlorine pesticides not listed were not detected.

* Environmental Screening Levels. California Regional Water Quality Control Board. July 2003.

a The low ESL for endrin is driven by the potential for leaching in an aquatic environment and may not be applicable for most scenarios. The endrin ESL for human health (direct exposure) is 3.7 ppm

b A duplicate sample was collected 6-8-04. Highest detected concentrations are shown.

Table 3: Laboratory Results for Selected Semi VOCs in Soil and Sludge Samples
City of Milpitas
Milpitas Main Sewer Pump Station
Lowney Job No.: 869-4A

Sample ID	Depth (feet)	Napth-alene	4-Chlor-aniline	Acenaph-thene	Dibenzo-furan	Flourene	Phenan-threne	Anthra-cene	Flour-anthene	Pyrene	Benzo(a)-anthracene	bis(2-Ethyl-hexyl) phthalate	Chrysene	Benzo(b) flour-anthene	Benzo(k) flour-anthene	Benzo(a)pyr ene	Indeno (1,2,3 c,d) pyrene	Dibenzo (a,h)anth-racene	Benzo (g,h,i) perylene
Stockpiled Soil																			
EB-3	Comp	<0.67	<3.3	<0.67	<0.67	<0.67	<0.67	<0.67	<0.67	<0.67	<0.67	<3.3	<0.067	<0.067	<0.067	<0.067	<0.067	<0.067	<0.067
EB-4	Comp	<1.7	<8.3	<1.7	<1.7	<1.7	<1.7	<1.7	<1.7	<1.7	<1.7	<8.3	<1.7	<1.7	<1.7	<1.7	<1.7	<1.7	<1.7
EB-5	Comp	<0.67	<3.3	<0.67	<0.67	<0.67	<0.67	<0.67	<0.67	<0.67	<0.67	<3.3	<0.067	<0.067	<0.067	<0.067	<0.067	<0.067	<0.067
EB-6	Comp	<0.67	<3.3	<0.67	<0.67	<0.67	<0.67	<0.67	<0.67	<0.67	<0.67	<3.3	<0.067	<0.067	<0.067	<0.067	<0.067	<0.067	<0.067
Sludge Samples																			
BLD-3A	Sludge	<0.34	<1.7	<0.34	<0.34	<0.34	<0.34	<0.34	<0.34	<0.34	<0.34	2.2	<0.34	<0.34	<0.34	<0.34	<0.34	<0.34	<0.34
BLD-3B	Sludge	<0.67	<3.3	<0.67	<0.67	<0.67	<0.67	<0.67	0.86	0.68	<0.67	<3.3	<0.67	<0.67	<0.67	<0.67	<0.67	<0.67	<0.67
BLD-8A	Sludge	<0.67	<3.3	<0.67	<0.67	<0.67	0.96	<0.67	0.87	<0.67	<0.67	13	<0.67	<0.67	<0.67	<0.67	<0.67	<0.67	<0.67
BLD-8B	Sludge	<0.13	<0.66	0.32	0.3	0.57	3.8	0.84	4.8	3.2	**2.0**	<0.66	1.4	**2.7**	<0.13	**1.2**	0.76	0.29	0.98
BLD-9A	Sludge	0.13	<0.33	0.09	0.17	0.12	1.6	<0.067	1.8	1.1	<0.067	<0.33	0.48	0.30	0.33	**0.32**	0.23	<0.067	0.27
BLD-9B	Sludge	<1.7	<8.3	<1.7	<1.7	<1.7	<1.7	<1.7	2.1	<1.7	<1.7	<8.3	<1.7	**2.6**	<1.7	<1.7	<1.7	<1.7	<1.7
BLD-9C	Sludge	<2.7	<13	<2.7	<2.7	<2.7	**27**	<2.7	**49**	32	**14**	<13	11	**7.7**	**7.1**	**6.4**	**2.9**	<2.7	4.2
BLD-10A	Sludge	<0.34	**5.0**	<0.34	<0.34	<0.34	0.68	<0.34	<0.34	<0.34	<0.34	4	<0.34	<0.34	<0.34	<0.34	<0.34	<0.34	<0.34
BLD-10B	Sludge	<0.067	<0.33	<0.067	<0.067	<0.067	<0.067	<0.067	0.07	<0.067	<0.067	0.5	<0.067	<0.067	<0.067	<0.067	<0.067	<0.067	<0.067
Soil Borings																			
B-4	13-13.5	<0.067	<0.33	<0.067	<0.067	<0.067	<0.067	<0.067	<0.067	<0.067	<0.067	<0.33	<0.067	<0.067	<0.067	<0.067	<0.067	<0.067	<0.067
B-5	13-13.5	<0.067	<0.33	<0.067	<0.067	<0.067	<0.067	<0.067	<0.067	<0.067	<0.067	<0.33	<0.067	<0.067	<0.067	<0.067	<0.067	<0.067	<0.067
B-6	13-13.5	<0.067	<0.33	<0.067	<0.067	<0.067	<0.067	<0.067	<0.067	<0.067	<0.067	<0.33	<0.067	<0.067	<0.067	<0.067	<0.067	<0.067	<0.067
Residential ESLs*		4.2	0.053	16	NE	8.9	11	2.8	40	85	0.38	160	3.8	0.38	0.38	0.038	0.38	0.11	27
Industrial ESLs*		4.2	0.053	16	NE	8.9	11	2.8	40	85	1.3	570	13	1.3	1.3	0.13	1.3	0.38	27

Bold indicates that the compound was detected at a concentrations exceeding the Industrial ESL

* Environmental Screening Levels. California Regional Water Quality Control Board. July 2003.

< Indicates that the compound was not detected at or above the stated laboratory detection limit

ND Not Detected

Note: All results reported in ppm.

Table 4: Laboratory Results for Selected CAM 17 Metals in Soil and Sludge
City of Milpitas
Milpitas Main Sewer Pump Station
Lowney Job No.: 869-4A

Sample ID	Depth (feet)	Antimony	Arsenic	Barium	Beryllium	Cadmium	Chromium	Cobalt	Copper	Lead	Molybdenum	Nickel	Silver	Vanadium	Zinc	Mercury
Stockpiled Soil																
EB-1	Comp	ND<2	4.8	150	ND<0.5	ND<0.5	39	9.7	24	11	ND<1	62	ND<1	25	51	0.067
EB-2	Comp	ND<2	5.1	150	ND<0.5	ND<0.5	53	10	25	21	ND<1	67	ND<1	23	54	0.092
EB-3	Comp	ND<2	3.2	190	ND<0.5	ND<0.5	46	10	23	18	ND<1	69	ND<1	26	47	0.071
EB-4	Comp	ND<2	4.6	140	ND<0.5	ND<0.5	37	8.9	27	27	ND<1	57	ND<1	25	61	0.16
EB-5	Comp	ND<2	2.5	220	ND<0.5	ND<0.5	47	9.6	19	9.4	ND<1	71	ND<1	23	39	0.2
EB-6	Comp	ND<2	4.9	210	ND<0.5	ND<0.5	48	10	27	36	ND<1	73	ND<1	26	96	0.14
Sludge Samples																
BLD-3A	Sludge	4.1	**9.7**	150	0.64	2.1	**81**	11	83	180	2.6	92	ND<1	27	530	0.22
BLD-3B	Sludge	16	**15**	98	ND<0.5	3.1	**58**	10	**650**	**1,300**	15	55	1.1	15	**940**	0.75
BLD-8A	Sludge	**42**	**11**	170	ND<0.5	4.4	39	3.8	**380**	**1,300**	4.1	38	3.9	6.3	**720**	2.6
BLD-8B	Sludge	22	**13**	230	ND<0.5	**360**	**72**	4	**310**	**1,400**	17	60	7.7	12	**1,600**	3.9
BLD-9A	Sludge	ND<2	5.1	100	ND<0.5	1.3	55	8.3	47	52	ND<1	61	1.1	24	290	0.29
BLD-9B	Sludge	3.0	4.2	82	ND<0.5	4.0	40	3	73	99	1.1	38	ND<1	7.7	**1,700**	0.43
BLD-9C	Sludge	ND<2	**6.4**	120	ND<0.5	1.0	**69**	11	56	110	1.4	68	ND<1	21	**640**	0.41
BLD-10A	Sludge	ND<20	**13**	1,400	ND<5	**20**	**340**	ND<10	**620**	**1,500**	14	150	**43**	33	**2,600**	**11**
BLD-10B	Sludge	ND<2	4	130	ND<0.5	1.6	47	5.2	59	140	1.9	38	3.6	17	290	0.9
Soil Borings																
B-4	13-13.5	ND<2	**5.5**	78	ND<0.5	ND<0.5	38	9.5	27	5.3	ND<1	56	ND<1	27	44	0.054
B-5	13-13.5	ND<2	3.6	110	ND<0.5	ND<0.5	37	8.5	19	5.3	ND<1	51	ND<1	24	35	ND<0.05
B-6	13-13.5	ND<2	**14**	52	ND<0.5	ND<0.5	34	15	31	5.1	6.6	56	ND<1	31	42	0.063
TTLC		500	500	10,000	75	100	2,500	8,000	2,500	1,000	3,500	2,000	500	2,400	5,000	20
Residential ESLs		6.3	5.5	750	4.0	1.7	58	40	230	200	40	150	20	110	600	2.5
Industrial ESLs		40	5.5	1,500	8.0	7.4	58	80	230	750	40	150	40	200	600	10

Bold Indicates that the compound was detected at a concentrations exceeding the Industrial ESL and/or the TTLC

< Indicates that the compound was not detected at or above the stated laboratory detection limit

ND Not Detected

Note: All results reported in ppm. CAM 17 Metals not listed were not detected.

* Environmental Screening Levels. California Regional Water Quality Control Board. July 2003.

TTLC Total Threshold Limit Concentration (State threshold for classification of a solid waste as hazardous - Title 22 California Code of Regulations)

Table 5: Laboratory Results for Soluble Metals in Sludge
City of Milpitas
Milpitas Main Sewer Pump Station
Lowney Job No.: 869-4A

Sample ID	Depth (feet)	TCLP Lead	STLC Lead	TCLP Cadmium	TCLP Chromium	TCLP Mercury
Sludge Samples						
BLD-3B	Sludge	ND<0.5	---	---	---	---
BLD-8A	Sludge	ND<0.5	---	---	---	---
BLD-8B	Sludge	ND<0.5	---	0.18	---	---
BLD-9B	Sludge	ND<0.5	2.5	---	---	---
BLD-9C	Sludge	ND<0.5	2.8	---	---	---
BLD-10A	Sludge	ND<0.5	---	ND<0.1	ND<0.5	ND<0.01
STLC or TCLP limit		5	5	1	5	0.2

Note: All results reported in ppm.

STLC Soluble Threshold Limit Concentration (State threshold for classification of a solid waste as hazardous - Title 22 California Code of Regulations)

TCLP Toxicity Characteristic Leaching Procedure (Federal threshold for classification of a solid waste as hazardous - Code of Federal Regulations)

Table 6: Laboratory Results for Selected Analytes in Water Samples
City of Milpitas
Milpitas Main Sewer Pump Station
Lowney Job No.: 869-4A

Sample ID	Date	TPHg (ppb)	TPHd (ppb)	TPHmo (ppb)	BTEX (ppb)	MTBE (ppb)	Semi VOCs (ppb)	pH	PCBs (ppb)	VOCs (ppb)
BLD-3A	5/21/2004	ND<50	390	640	ND<0.5-1.0	ND<0.5	ND<6.3-32	8.1	ND<0.6	ND<2.0-200
BLD-3B	5/21/2004	ND<50	4,800	1,100	ND<0.5-1.0	ND<0.5	ND<17-86	7.5	ND<6.3	ND<2.0-200
BLD-6	5/26/2004	ND<50	400	ND<500	ND<0.5	ND<0.5	ND<2-10	7.3	ND<0.5	ND<0.5-50
BLD-8A	5/21/2004	ND<50	110	ND<500	ND<0.5-1.0	ND<0.5	ND<2.8-14	7.4	ND<0.5	ND<2.0-200
BLD-8B	5/21/2004	ND<50	120	ND<500	Toluene=0.83 Others ND<0.5-1.0	ND<0.5	ND<3-15	6.7	ND<0.5	ND<2.0-200
BLD-9A	5/21/2004	83	280	690	Toluene=0.56 Others ND<0.5-1.0		ND<7.4-37	6.6	ND<0.63	1,2,4-Trimethyl-Benzene=4.0 Xylenes=5.6 Others ND<2.5-250
BLD-9B	5/24/2004	ND<250	530	650	ND<2.5-5.0	ND<2.5	ND<3.1-16	7.9	ND<0.5	ND<2.5-250
BLD-9C	5/24/2004 & 6/8/2004	ND<50	200	ND<500	ND<0.5-1.0	ND<0.5	ND<3.6-18	6.8	ND<0.5	ND<2.5-250
BLD-10A	5/24/2004 & 6/8/2004	ND<250	770	890	ND<2.5-5.0	ND<2.5	ND<3.0-15	8.3	1.1[a] / 0.74[b]	ND<2.5-250
BLD-10B	5/24/2004	ND<250	470	ND<500	ND<2.5-5.0	ND<2.5	ND<2.9-15	7.6	ND<0.5	ND<2.5-250
B-4* 15'	5/27/2004	ND<50	160	ND<500	---	---	ND<2.0-10	---	---	ND<0.5-50
B-5* 15'	5/27/2004	ND<50	86	ND<500	---	---	ND<2.0-10	---	---	ND<0.5-50

ND Not Detected
< Indicates that the compound was not detected at or above the stated laboratory detection limit
[a] Aroclor 1254
[b] Aroclor 1260
* Ground water samples
TPHg =Total Petroleum Hydrocarbons as Gasoline; TPHd=Total Petroleum Hydrocarbons as Diesel; TPHmo=Total Petroleum Hydrocarbons as Motor Oil
BTEX=Benzene, Toluene, Ethylbenzene, and Xylenes; MTBE=Methyl tertiary-butyl ether, PCBs=Poly-chlorinated biphenyls; VOCs=Volatile Organic Compounds

Table 7: Laboratory Results for Selected Pesticides in Water Samples
City of Milpitas
Milpitas Main Sewer Pump Station
Lowney Job No.: 869-4A

Sample ID	Date	Dieldrin	Endrin	4,4'-DDT	4,4'-DDE	4,4'-DDD	alpha-Chlordane	gamma-Chlordane
BLD-3A	5/21/2004	ND<0.36	ND<0.36	ND<0.36	ND<0.36	ND<0.36	ND<0.36	ND<0.36
BLD-3B	5/21/2004	ND<0.75	ND<0.75	ND<0.75	ND<0.75	ND<0.75	ND<0.75	ND<0.75
BLD-6	5/26/2004	ND<0.06	ND<0.06	ND<0.06	ND<0.06	ND<0.06	ND<0.06	ND<0.06
BLD-8A	5/21/2004	ND<0.30	ND<0.30	ND<0.30	ND<0.30	ND<0.30	ND<0.30	ND<0.30
BLD-8B	5/21/2004	ND<0.30	ND<0.30	ND<0.30	ND<0.30	ND<0.30	ND<0.30	ND<0.30
BLD-9A	5/21/2004	ND<0.38	ND<0.38	ND<0.38	ND<0.38	ND<0.38	ND<0.38	ND<0.38
BLD-9B	5/24/2004	ND<0.06	ND<0.06	ND<0.06	ND<0.06	ND<0.06	ND<0.06	ND<0.06
BLD-9C	6/8/2004	ND<0.06	ND<0.06	ND<0.06	ND<0.06	ND<0.06	ND<0.06	ND<0.06
BLD-10A	6/8/2004	ND<0.06	ND<0.06	ND<0.06	ND<0.06	ND<0.06	ND<0.06	ND<0.06
BLD-10B	5/24/2004	ND<0.06	ND<0.06	ND<0.06	ND<0.06	ND<0.06	ND<0.06	ND<0.06

< Indicates that the compound was not detected at or above the stated laboratory detection limit

ND Not Detected

Note: All results reported in ppb. Only those organochlorine pesticides detected in sludge samples are listed.
No other pesticides were detected.

Table 8: Laboratory Results for Selected CAM 17 Metals in Water Samples
City of Milpitas
Milpitas Main Sewer Pump Station
Lowney Job No.: 869-4A

Sample ID	Date	Antimony	Arsenic	Barium	Cadmium	Chromium	Cobalt	Copper	Lead	Molyb-denum	Nickel	Silver	Vanadium	Zinc	Mercury
BLD-3A	5/21/04	7.7	22	66	<2.0	9.2	<5.0	6.2	9.4	<5.0	31	<5.0	6.6	370	0.27
BLD-3B	5/21/04	16	44	100	2.4	18	<5.0	22	27	<5.0	28	<5.0	12	320	0.84
BLD-6	5/26/04	<5.0	<5.0	130	<2.0	8.1	<5.0	14	47	<5.0	130	<5.0	<5.0	42	<0.20
BLD-8A	5/21/04	<5.0	6.3	190	3.1	<5.0	<5.0	24	35	<5.0	18	<5.0	<5.0	440	<0.20
BLD-8B	5/21/04	<5.0	<5.0	130	62	6.8	5.1	28	52	7	43	<5.0	5.8	1,200	<0.20
BLD-9A	5/21/04	14	62	1,500	62	400	53	490	570	33	650	5.3	280	20,000	0.81
BLD-9B	5/24/04	38	17	170	2.5	17	<5.0	29	75	150	60	<5.0	10	1,200	<0.20
BLD-9C	5/24/04	5.6	21	620	19	82	13	240	200	12	150	<5.0	69	12,000	0.35
BLD-10A	5/24/04	13	11	130	<2.0	16	<5.0	42	70	76	65	<5.0	7.9	530	<0.20
BLD-10B	5/24/04	<5.0	6.5	140	<2.0	<5.0	<5.0	<5.0	<5.0	<5.0	12	<5.0	<5.0	27	<0.20
B-4	5/27/04	<5.0	16	700	<2.0	<5.0	5.7	6.9	<5.0	<5.0	15	<5.0	8.1	<5.0	<0.20
B-5	5/27/04	<5.0	8.8	1,200	<2.0	<5.0	12	5.1	<5.0	13	40	<5.0	14	<5.0	<0.20

< Indicates that the compound was not detected at or above the stated laboratory detection limit

ND Not Detected

Note: All results reported in ppb. CAM 17 metals not listed, were not detected in any of the samples

Table 9: Sludge and Water Volume Estimates
City of Milpitas
Milpitas Main Sewer Pump Station
Lowney Job No.: 869-4A

Water and sludge volume estimates

Sedimentation Basin

Existing water:	38,000	gallons (gal)
Existing sludge:	10	cy

Digester

Existing water:	107,000	gal
Existing sludge:	300	cy

Settling Basins

Existing water:	41,000	gal
Existing sludge:	10	cy

Sludge Basins

Existing water:	98,000	gal
Existing sludge:	200	cy

Chlorine Contact Basins

Existing water:	3,000	gal
Existing sludge:	10	cy

Total estimated volume of water existing in basins: 287,000 gal

Total estimated volume of sludge existing in basins: 530 cy

© 2004 Thomas Bros. Maps

6/04*EB

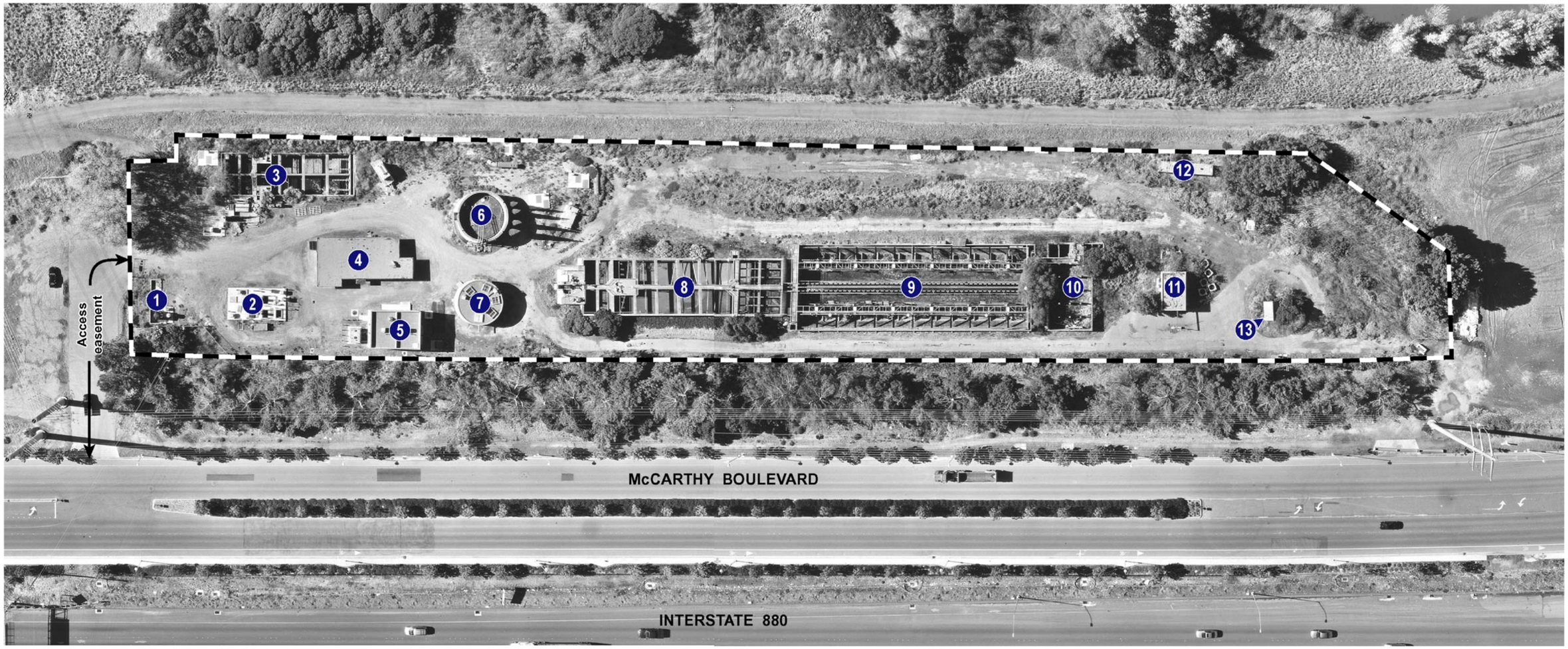
VICINITY MAP

MAIN SEWER PUMP STATION
Milpitas, California

LOWNEY ASSOCIATES
Environmental/Geotechnical/Engineering Services

FIGURE 1
869-4A

1 Inflow Structure
2 Grinder Structure
3 Sedimentation Basins
4 Operations Building
5 Electrical Building
6 Digester
7 Pump Station
8 Settling Basins
9 Sludge Basin
10 Chlorine Contact Basin
11 Chlorine Building
12 Trailer
13 Shed



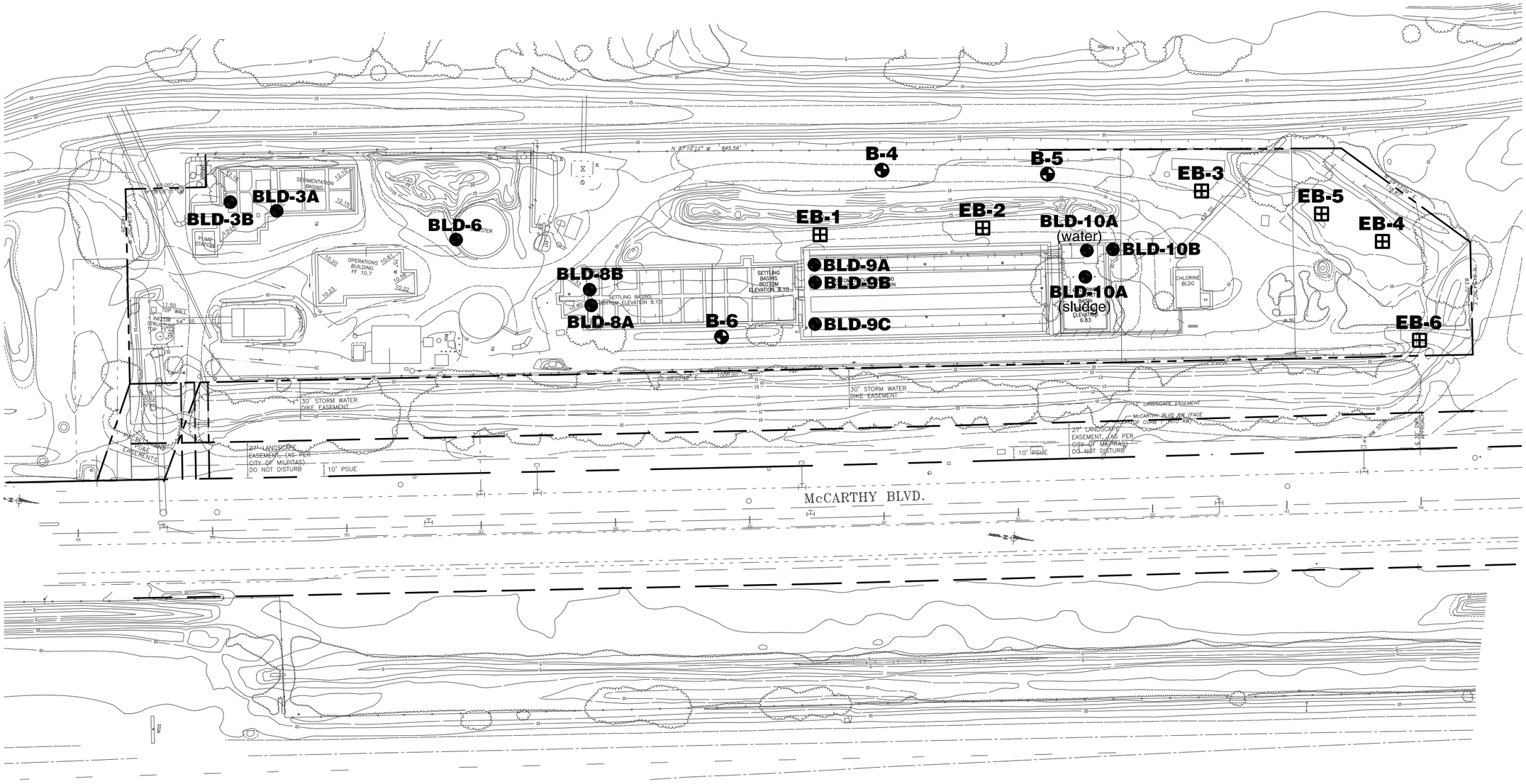
Source: Harris & Associates (2003)

AERIAL PHOTO
MAIN SEWER PUMP STATION
Milpitas, California

LOWNEY ASSOCIATES
Environmental/Geotechnical/Engineering Services

FIGURE 2
869-4A

6/04*EB



0 80 ft.

Scale: 1" = 80'

LEGEND

- ● - Approximate location of sludge/water sample
- ⊕ - Approximate location of exploratory boring
- ⊞ - Approximate location of test pit

Base by West Yost & Associates, undated.

SITE PLAN

MAIN SEWER PUMP STATION
Milpitas, California

LOWNEY ASSOCIATES
Environmental/Geotechnical/Engineering Services

FIGURE 3

869-4A

6/04*EB

APPENDIX A

ANALYTICAL RESULTS

SEVERN TRENT STL

Submission#: 2004-05-0762

Lowney & Associates Mountain View

May 31, 2004

405 Clyde Ave
Mountain View, CA 94043-2209
Attn.: Stason Foster

Project#: P13449
Project: Milpitas Sewage

Dear Mr. Foster,

Attached is our report for your samples received on 05/20/2004 15:46
This report has been reviewed and approved for release. Reproduction of this report is permitted only in its entirety.

Please note that any unused portion of the samples will be discarded after 07/04/2004 unless you have requested otherwise.
We appreciate the opportunity to be of service to you. If you have any questions, please call me at (925) 484-1919.
You can also contact me via email. My email address is: asalimpour@stl-inc.com

Sincerely,

Afsaneh Salimpour
Project Manager

SEVERN TRENT STL

Submission #: 2004-05-0762

pH

Lowney & Associates Mountain View
Attn.: Stason Foster

405 Clyde Ave
Mountain View, CA 94043-2209
Phone: (650) 967-2365 Fax: (650) 967-2785

Project: P13449
Milpitas Sewage

Received: 05/20/2004 15:46

Samples Reported

Sample Name	Date Sampled	Matrix	Lab #
EB-3 COMP	05/20/2004	Soil	3
EB-4 COMP	05/20/2004	Soil	4
EB-5 COMP	05/20/2004	Soil	5
EB-6 COMP	05/20/2004	Soil	6

pH

Lowney & Associates Mountain View
Attn.: Stason Foster

405 Clyde Ave
Mountain View, CA 94043-2209
Phone: (650) 967-2365 Fax: (650) 967-2785

Project: P13449
Milpitas Sewage

Received: 05/20/2004 15:46

Prep(s):	9045C	Test(s):	9045C
Sample ID:	**EB-3 COMP**	Lab ID:	2004-05-0762 - 3
Sampled:	05/20/2004	Extracted:	5/25/2004 09:24
Matrix:	Soil	QC Batch#:	2004/05/25-01.22

Compound	Conc.	RL	Unit	Dilution	Analyzed	Flag
pH	7.5	0.49	SU	1.00	05/25/2004 09:24	

pH

Lowney & Associates Mountain View
Attn.: Stason Foster

405 Clyde Ave
Mountain View, CA 94043-2209
Phone: (650) 967-2365 Fax: (650) 967-2785

Project: P13449
Milpitas Sewage

Received: 05/20/2004 15:46

Prep(s):	9045C	Test(s):	9045C
Sample ID:	**EB-4 COMP**	Lab ID:	2004-05-0762 - 4
Sampled:	05/20/2004	Extracted:	5/25/2004 09:24
Matrix:	Soil	QC Batch#:	2004/05/25-01.22

Compound	Conc.	RL	Unit	Dilution	Analyzed	Flag
pH	7.7	0.1	SU	1.00	05/25/2004 09:24	

SEVERN TRENT STL

Submission #: 2004-05-0762

pH

Lowney & Associates Mountain View
Attn.: Stason Foster

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Mountain View, CA 94043-2209
Phone: (650) 967-2365 Fax: (650) 967-2785

Project: P13449
Milpitas Sewage

Received: 05/20/2004 15:46

Prep(s):	9045C	Test(s):	9045C
Sample ID:	**EB-5 COMP**	Lab ID:	2004-05-0762 - 5
Sampled:	05/20/2004	Extracted:	5/25/2004 09:24
Matrix:	Soil	QC Batch#:	2004/05/25-01.22

Compound	Conc.	RL	Unit	Dilution	Analyzed	Flag
pH	7.9	0.1	SU	1.00	05/25/2004 09:24	

SEVERN TRENT STL

Submission #: 2004-05-0762

pH

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Mountain View, CA 94043-2209
Phone: (650) 967-2365 Fax: (650) 967-2785

Project: P13449
Milpitas Sewage

Received: 05/20/2004 15:46

Prep(s):	9045C	Test(s):	9045C
Sample ID:	**EB-6 COMP**	Lab ID:	2004-05-0762 - 6
Sampled:	05/20/2004	Extracted:	5/25/2004 09:24
Matrix:	Soil	QC Batch#:	2004/05/25-01.22

Compound	Conc.	RL	Unit	Dilution	Analyzed	Flag
pH	8.6	0.1	SU	1.00	05/25/2004 09:24	

pH

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Project: P13449
Milpitas Sewage

Received: 05/20/2004 15:46

Batch QC Report

Prep(s): 9045C
Method Blank
MB: 2004/05/25-01.22-001

Soil

Test(s): 9045C
QC Batch # 2004/05/25-01.22
Date Extracted: 05/25/2004

Compound	Conc.	RL	Unit	Analyzed	Flag
pH	7.08	0.1	SU	05/25/2004	

Fuel Oxygenates by 8260B

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Mountain View, CA 94043-2209
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Project: P13449
Milpitas Sewage

Received: 05/20/2004 15:46

Samples Reported

Sample Name	Date Sampled	Matrix	Lab #
EB-1 COMP	05/20/2004	Soil	1
EB-2 COMP	05/20/2004	Soil	2
EB-3 COMP	05/20/2004	Soil	3
EB-4 COMP	05/20/2004	Soil	4
EB-5 COMP	05/20/2004	Soil	5
EB-6 COMP	05/20/2004	Soil	6

SEVERN TRENT STL

Submission #: 2004-05-0762

Fuel Oxygenates by 8260B

Lowney & Associates Mountain View
Attn.: Stason Foster

405 Clyde Ave
Mountain View, CA 94043-2209
Phone: (650) 967-2365 Fax: (650) 967-2785

Project: P13449
Milpitas Sewage

Received: 05/20/2004 15:46

Prep(s): 5030B
Test(s): 8260B
Sample ID: **EB-1 COMP**
Lab ID: 2004-05-0762 - 1
Sampled: 05/20/2004
Extracted: 5/25/2004 20:04
Matrix: Soil
QC Batch#: 2004/05/25-02.69

Compound	Conc.	RL	Unit	Dilution	Analyzed	Flag
Gasoline	ND	1000	ug/Kg	1.00	05/25/2004 20:04	
Methyl tert-butyl ether (MTBE)	ND	5.0	ug/Kg	1.00	05/25/2004 20:04	
Benzene	ND	5.0	ug/Kg	1.00	05/25/2004 20:04	
Toluene	ND	5.0	ug/Kg	1.00	05/25/2004 20:04	
Ethyl benzene	ND	5.0	ug/Kg	1.00	05/25/2004 20:04	
Total xylenes	ND	5.0	ug/Kg	1.00	05/25/2004 20:04	
Surrogate(s)						
1,2-Dichloroethane-d4	101.4	72-124	%	1.00	05/25/2004 20:04	
Toluene-d8	97.9	75-116	%	1.00	05/25/2004 20:04	

SEVERN TRENT STL

Submission #: 2004-05-0762

Fuel Oxygenates by 8260B

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Project: P13449
Milpitas Sewage

Received: 05/20/2004 15:46

Prep(s): 5030B
Test(s): 8260B
Sample ID: **EB-2 COMP**
Lab ID: 2004-05-0762 - 2
Sampled: 05/20/2004
Extracted: 5/25/2004 20:59
Matrix: Soil
QC Batch#: 2004/05/25-02.69

Compound	Conc.	RL	Unit	Dilution	Analyzed	Flag
Gasoline	ND	1000	ug/Kg	1.00	05/25/2004 20:59	
Methyl tert-butyl ether (MTBE)	ND	5.0	ug/Kg	1.00	05/25/2004 20:59	
Benzene	ND	5.0	ug/Kg	1.00	05/25/2004 20:59	
Toluene	ND	5.0	ug/Kg	1.00	05/25/2004 20:59	
Ethyl benzene	ND	5.0	ug/Kg	1.00	05/25/2004 20:59	
Total xylenes	ND	5.0	ug/Kg	1.00	05/25/2004 20:59	
Surrogate(s)						
1,2-Dichloroethane-d4	108.8	72-124	%	1.00	05/25/2004 20:59	
Toluene-d8	92.6	75-116	%	1.00	05/25/2004 20:59	

Fuel Oxygenates by 8260B

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Project: P13449
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Received: 05/20/2004 15:46

Prep(s): 5030B
Test(s): 8260B
Sample ID: **EB-3 COMP**
Lab ID: 2004-05-0762 - 3
Sampled: 05/20/2004
Extracted: 5/25/2004 21:17
Matrix: Soil
QC Batch#: 2004/05/25-02.69

Compound	Conc.	RL	Unit	Dilution	Analyzed	Flag
Gasoline	ND	1000	ug/Kg	1.00	05/25/2004 21:17	
Methyl tert-butyl ether (MTBE)	ND	5.0	ug/Kg	1.00	05/25/2004 21:17	
Benzene	ND	5.0	ug/Kg	1.00	05/25/2004 21:17	
Toluene	ND	5.0	ug/Kg	1.00	05/25/2004 21:17	
Ethyl benzene	ND	5.0	ug/Kg	1.00	05/25/2004 21:17	
Total xylenes	ND	5.0	ug/Kg	1.00	05/25/2004 21:17	
Surrogate(s)						
1,2-Dichloroethane-d4	101.8	72-124	%	1.00	05/25/2004 21:17	
Toluene-d8	96.1	75-116	%	1.00	05/25/2004 21:17	

SEVERN TRENT STL

Submission #: 2004-05-0762

Fuel Oxygenates by 8260B

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Project: P13449
Milpitas Sewage

Received: 05/20/2004 15:46

Prep(s): 5030B
Test(s): 8260B
Sample ID: **EB-4 COMP**
Lab ID: 2004-05-0762 - 4
Sampled: 05/20/2004
Extracted: 5/25/2004 21:35
Matrix: Soil
QC Batch#: 2004/05/25-02.69

Compound	Conc.	RL	Unit	Dilution	Analyzed	Flag
Gasoline	ND	1000	ug/Kg	1.00	05/25/2004 21:35	
Methyl tert-butyl ether (MTBE)	ND	5.0	ug/Kg	1.00	05/25/2004 21:35	
Benzene	ND	5.0	ug/Kg	1.00	05/25/2004 21:35	
Toluene	ND	5.0	ug/Kg	1.00	05/25/2004 21:35	
Ethyl benzene	ND	5.0	ug/Kg	1.00	05/25/2004 21:35	
Total xylenes	ND	5.0	ug/Kg	1.00	05/25/2004 21:35	
Surrogate(s)						
1,2-Dichloroethane-d4	101.6	72-124	%	1.00	05/25/2004 21:35	
Toluene-d8	102.7	75-116	%	1.00	05/25/2004 21:35	

Fuel Oxygenates by 8260B

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Project: P13449
Milpitas Sewage

Received: 05/20/2004 15:46

Prep(s):	5030B	Test(s):	8260B
Sample ID:	**EB-5 COMP**	Lab ID:	2004-05-0762 - 5
Sampled:	05/20/2004	Extracted:	5/25/2004 21:52
Matrix:	Soil	QC Batch#:	2004/05/25-02.69

Compound	Conc.	RL	Unit	Dilution	Analyzed	Flag
Gasoline	ND	1000	ug/Kg	1.00	05/25/2004 21:52	
Methyl tert-butyl ether (MTBE)	ND	5.0	ug/Kg	1.00	05/25/2004 21:52	
Benzene	ND	5.0	ug/Kg	1.00	05/25/2004 21:52	
Toluene	ND	5.0	ug/Kg	1.00	05/25/2004 21:52	
Ethyl benzene	ND	5.0	ug/Kg	1.00	05/25/2004 21:52	
Total xylenes	ND	5.0	ug/Kg	1.00	05/25/2004 21:52	
Surrogate(s)						
1,2-Dichloroethane-d4	102.0	72-124	%	1.00	05/25/2004 21:52	
Toluene-d8	96.3	75-116	%	1.00	05/25/2004 21:52	

Fuel Oxygenates by 8260B

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Project: P13449
Milpitas Sewage

Received: 05/20/2004 15:46

Prep(s):	5030B	Test(s):	8260B
Sample ID:	**EB-6 COMP**	Lab ID:	2004-05-0762 - 6
Sampled:	05/20/2004	Extracted:	5/25/2004 22:10
Matrix:	Soil	QC Batch#:	2004/05/25-02.69

Compound	Conc.	RL	Unit	Dilution	Analyzed	Flag
Gasoline	ND	1000	ug/Kg	1.00	05/25/2004 22:10	
Methyl tert-butyl ether (MTBE)	ND	5.0	ug/Kg	1.00	05/25/2004 22:10	
Benzene	ND	5.0	ug/Kg	1.00	05/25/2004 22:10	
Toluene	ND	5.0	ug/Kg	1.00	05/25/2004 22:10	
Ethyl benzene	ND	5.0	ug/Kg	1.00	05/25/2004 22:10	
Total xylenes	ND	5.0	ug/Kg	1.00	05/25/2004 22:10	
Surrogate(s)						
1,2-Dichloroethane-d4	99.8	72-124	%	1.00	05/25/2004 22:10	
Toluene-d8	95.6	75-116	%	1.00	05/25/2004 22:10	

Fuel Oxygenates by 8260B

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Project: P13449
Milpitas Sewage

Received: 05/20/2004 15:46

Batch QC Report

Prep(s): 5030B

Test(s): 8260B

Method Blank **Soil** **QC Batch # 2004/05/25-02.69**

MB: 2004/05/25-02.69-028

Date Extracted: 05/25/2004 17:28

Compound	Conc.	RL	Unit	Analyzed	Flag
Gasoline	ND	1000	ug/Kg	05/25/2004 17:28	
Methyl tert-butyl ether (MTBE)	ND	5.0	ug/Kg	05/25/2004 17:28	
Benzene	ND	5.0	ug/Kg	05/25/2004 17:28	
Toluene	ND	5.0	ug/Kg	05/25/2004 17:28	
Ethyl benzene	ND	5.0	ug/Kg	05/25/2004 17:28	
Total xylenes	ND	5.0	ug/Kg	05/25/2004 17:28	
Surrogates(s)					
1,2-Dichloroethane-d4	100.8	72-124	%	05/25/2004 17:28	
Toluene-d8	95.8	75-116	%	05/25/2004 17:28	

Fuel Oxygenates by 8260B

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Project: P13449
Milpitas Sewage

Received: 05/20/2004 15:46

Batch QC Report

Prep(s): 5030B

Test(s): 8260B

Laboratory Control Spike **Soil** **QC Batch # 2004/05/25-02.69**

LCS 2004/05/25-02.69-052 Extracted: 05/25/2004 Analyzed: 05/25/2004 17:59

LCSD 2004/05/25-02.69-010 Extracted: 05/25/2004 Analyzed: 05/25/2004 18:16

Compound	Conc. ug/Kg		Exp.Conc.	Recovery %		RPD	Ctrl.Limits %		Flags	
	LCS	LCSD		LCS	LCSD	%	Rec.	RPD	LCS	LCSD
Methyl tert-butyl ether (MTBE)	63.2	60.1	50.0	126.4	120.2	5.0	65-165	20		
Benzene	54.3	51.9	50.0	108.6	103.8	4.5	69-129	20		
Toluene	59.0	57.3	50.0	118.0	114.6	2.9	70-130	20		
Surrogates(s)										
1,2-Dichloroethane-d4	459	456	500	91.8	91.2		72-124			
Toluene-d8	490	497	500	98.0	99.4		75-116			

Fuel Oxygenates by 8260B

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Project: P13449
Milpitas Sewage

Received: 05/20/2004 15:46

Batch QC Report

Prep(s): 5030B

Test(s): 8260B

Matrix Spike (MS / MSD) **Soil** **QC Batch # 2004/05/25-02.69**

EB-1 COMP >> MS

Lab ID: 2004-05-0762 - 001

MS: 2004/05/25-02.69-022 Extracted: 05/25/2004 Analyzed: 05/25/2004 20:22
Dilution: 1.00

MSD: 2004/05/25-02.69-040 Extracted: 05/25/2004 Analyzed: 05/25/2004 20:40
Dilution: 1.00

Compound	Conc. ug/Kg			Spk.Level	Recovery %			Limits %		Flags	
	MS	MSD	Sample	ug/Kg	MS	MSD	RPD	Rec.	RPD	MS	MSD
Methyl tert-butyl ether	34.7	43.9	ND	48.1	72.1	100.9	33.3	65-165	20		rpd
Benzene	27.9	25.1	ND	48.1	58.0	57.7	0.5	69-129	20	mso	mso
Toluene	29.5	28.5	ND	48.1	61.3	65.5	6.6	70-130	20	mso	mso
Surrogate(s)											
1,2-Dichloroethane-d4	483	540		500	96.6	108.0		72-124			
Toluene-d8	473	501		500	94.6	100.2		75-116			

SEVERN TRENT STL

Submission #: 2004-05-0762

Fuel Oxygenates by 8260B

Lowney & Associates Mountain View
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Phone: (650) 967-2365 Fax: (650) 967-2785

Project: P13449
Milpitas Sewage

Received: 05/20/2004 15:46

Legend and Notes

Result Flag

.

mso

MS/MSD spike recoveries were out of QC limits due to matrix interference.
Precision and Accuracy were verified by LCS/LCSD.

rpd

Analyte RPD was out of QC limits due to sample heterogeneity.

PCBs

Lowney & Associates Mountain View
Attn.: Stason Foster

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Mountain View, CA 94043-2209
Phone: (650) 967-2365 Fax: (650) 967-2785

Project: P13449
Milpitas Sewage

Received: 05/20/2004 15:46

Samples Reported

Sample Name	Date Sampled	Matrix	Lab #
EB-3 COMP	05/20/2004	Soil	3
EB-4 COMP	05/20/2004	Soil	4
EB-5 COMP	05/20/2004	Soil	5
EB-6 COMP	05/20/2004	Soil	6

PCBs

Lowney & Associates Mountain View
Attn.: Stason Foster

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Mountain View, CA 94043-2209
Phone: (650) 967-2365 Fax: (650) 967-2785

Project: P13449
Milpitas Sewage

Received: 05/20/2004 15:46

Prep(s):	3550/8082	Test(s):	8082
Sample ID:	**EB-3 COMP**	Lab ID:	2004-05-0762 - 3
Sampled:	05/20/2004	Extracted:	5/24/2004 15:08
Matrix:	Soil	QC Batch#:	2004/05/24-02.14

Compound	Conc.	RL	Unit	Dilution	Analyzed	Flag
Aroclor 1016	ND	50	ug/Kg	1.00	05/25/2004 12:13	
Aroclor 1221	ND	50	ug/Kg	1.00	05/25/2004 12:13	
Aroclor 1232	ND	50	ug/Kg	1.00	05/25/2004 12:13	
Aroclor 1242	ND	50	ug/Kg	1.00	05/25/2004 12:13	
Aroclor 1248	ND	50	ug/Kg	1.00	05/25/2004 12:13	
Aroclor 1254	ND	50	ug/Kg	1.00	05/25/2004 12:13	
Aroclor 1260	ND	50	ug/Kg	1.00	05/25/2004 12:13	
Surrogate(s)						
2,4,5,6-Tetrachloro-m-xylene	88.6	50-125	%	1.00	05/25/2004 12:13	
Decachlorobiphenyl (PCB/8082)	83.9	46-142	%	1.00	05/25/2004 12:13	

PCBs

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Milpitas Sewage

Received: 05/20/2004 15:46

Prep(s): 3550/8082 Test(s): 8082
Sample ID: **EB-4 COMP** Lab ID: 2004-05-0762 - 4
Sampled: 05/20/2004 Extracted: 5/24/2004 15:08
Matrix: Soil QC Batch#: 2004/05/24-02.14

Compound	Conc.	RL	Unit	Dilution	Analyzed	Flag
Aroclor 1016	ND	50	ug/Kg	1.00	05/25/2004 12:33	
Aroclor 1221	ND	50	ug/Kg	1.00	05/25/2004 12:33	
Aroclor 1232	ND	50	ug/Kg	1.00	05/25/2004 12:33	
Aroclor 1242	ND	50	ug/Kg	1.00	05/25/2004 12:33	
Aroclor 1248	ND	50	ug/Kg	1.00	05/25/2004 12:33	
Aroclor 1254	ND	50	ug/Kg	1.00	05/25/2004 12:33	
Aroclor 1260	ND	50	ug/Kg	1.00	05/25/2004 12:33	
Surrogate(s)						
2,4,5,6-Tetrachloro-m-xylene	84.1	50-125	%	1.00	05/25/2004 12:33	
Decachlorobiphenyl (PCB/8082)	74.0	46-142	%	1.00	05/25/2004 12:33	

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Prep(s): 3550/8082 Test(s): 8082
Sample ID: **EB-5 COMP** Lab ID: 2004-05-0762 - 5
Sampled: 05/20/2004 Extracted: 5/24/2004 15:08
Matrix: Soil QC Batch#: 2004/05/24-02.14

Compound	Conc.	RL	Unit	Dilution	Analyzed	Flag
Aroclor 1016	ND	50	ug/Kg	1.00	05/25/2004 12:52	
Aroclor 1221	ND	50	ug/Kg	1.00	05/25/2004 12:52	
Aroclor 1232	ND	50	ug/Kg	1.00	05/25/2004 12:52	
Aroclor 1242	ND	50	ug/Kg	1.00	05/25/2004 12:52	
Aroclor 1248	ND	50	ug/Kg	1.00	05/25/2004 12:52	
Aroclor 1254	ND	50	ug/Kg	1.00	05/25/2004 12:52	
Aroclor 1260	53	50	ug/Kg	1.00	05/25/2004 12:52	
Surrogate(s)						
2,4,5,6-Tetrachloro-m-xylene	86.8	50-125	%	1.00	05/25/2004 12:52	
Decachlorobiphenyl (PCB/8082)	82.7	46-142	%	1.00	05/25/2004 12:52	

PCBs

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Prep(s): 3550/8082 Test(s): 8082
Sample ID: **EB-6 COMP** Lab ID: 2004-05-0762 - 6
Sampled: 05/20/2004 Extracted: 5/24/2004 15:08
Matrix: Soil QC Batch#: 2004/05/24-02.14

Compound	Conc.	RL	Unit	Dilution	Analyzed	Flag
Aroclor 1016	ND	50	ug/Kg	1.00	05/25/2004 13:12	
Aroclor 1221	ND	50	ug/Kg	1.00	05/25/2004 13:12	
Aroclor 1232	ND	50	ug/Kg	1.00	05/25/2004 13:12	
Aroclor 1242	ND	50	ug/Kg	1.00	05/25/2004 13:12	
Aroclor 1248	ND	50	ug/Kg	1.00	05/25/2004 13:12	
Aroclor 1254	ND	50	ug/Kg	1.00	05/25/2004 13:12	
Aroclor 1260	ND	50	ug/Kg	1.00	05/25/2004 13:12	
Surrogate(s)						
2,4,5,6-Tetrachloro-m-xylene	87.3	50-125	%	1.00	05/25/2004 13:12	
Decachlorobiphenyl (PCB/8082)	82.6	46-142	%	1.00	05/25/2004 13:12	

PCBs

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Milpitas Sewage

Received: 05/20/2004 15:46

Batch QC Report

Prep(s): 3550/8082 Test(s): 8082
Method Blank **Soil** **QC Batch # 2004/05/24-02.14**
MB: 2004/05/24-02.14-001 Date Extracted: 05/24/2004 15:08

Compound	Conc.	RL	Unit	Analyzed	Flag
Aroclor 1016	ND	50	ug/Kg	05/25/2004 10:35	
Aroclor 1221	ND	50	ug/Kg	05/25/2004 10:35	
Aroclor 1232	ND	50	ug/Kg	05/25/2004 10:35	
Aroclor 1242	ND	50	ug/Kg	05/25/2004 10:35	
Aroclor 1248	ND	50	ug/Kg	05/25/2004 10:35	
Aroclor 1254	ND	50	ug/Kg	05/25/2004 10:35	
Aroclor 1260	ND	50	ug/Kg	05/25/2004 10:35	
Surrogates(s)					
2,4,5,6-Tetrachloro-m-xylene	81.1	50-125	%	05/25/2004 10:35	
Decachlorobiphenyl (PCB/8082)	87.6	46-142	%	05/25/2004 10:35	

PCBs

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Batch QC Report

Prep(s): 3550/8082

Test(s): 8082

Laboratory Control Spike **Soil** **QC Batch # 2004/05/24-02.14**

LCS 2004/05/24-02.14-002 Extracted: 05/24/2004 Analyzed: 05/25/2004 10:55

LCSD 2004/05/24-02.14-003 Extracted: 05/24/2004 Analyzed: 05/25/2004 11:14

Compound	Conc. ug/Kg		Exp.Conc.	Recovery %		RPD	Ctrl.Limits %		Flags	
	LCS	LCSD		LCS	LCSD	%	Rec.	RPD	LCS	LCSD
Aroclor 1016	53.4	52.4	66.1	80.8	78.9	2.4	65-135	30		
Aroclor 1260	58.0	58.5	66.1	87.7	88.1	0.5	65-135	30		
Surrogates(s)										
2,4,5,6-Tetrachloro-m-xylene	41.9	39.6	50	83.8	79.2		50-125	0		
Decachlorobiphenyl	44.2	44.4	50	88.5	88.7		46-142	0		

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Samples Reported

Sample Name	Date Sampled	Matrix	Lab #
EB-1 COMP	05/20/2004	Soil	1
EB-2 COMP	05/20/2004	Soil	2
EB-3 COMP	05/20/2004	Soil	3
EB-4 COMP	05/20/2004	Soil	4
EB-5 COMP	05/20/2004	Soil	5
EB-6 COMP	05/20/2004	Soil	6

SEVERN TRENT STL

Submission #: 2004-05-0762

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Received: 05/20/2004 15:46

Prep(s): 3550/8081 Test(s): 8081
Sample ID: **EB-1 COMP** Lab ID: 2004-05-0762 - 1
Sampled: 05/20/2004 Extracted: 5/24/2004 15:03
Matrix: Soil QC Batch#: 2004/05/24-01.13

Compound	Conc.	RL	Unit	Dilution	Analyzed	Flag
Aldrin	ND	2.0	ug/Kg	1.00	05/25/2004 16:02	
Dieldrin	ND	2.0	ug/Kg	1.00	05/25/2004 16:02	
Endrin aldehyde	ND	2.0	ug/Kg	1.00	05/25/2004 16:02	
Endrin	ND	2.0	ug/Kg	1.00	05/25/2004 16:02	
Endrin ketone	ND	2.0	ug/Kg	1.00	05/25/2004 16:02	
Heptachlor	ND	2.0	ug/Kg	1.00	05/25/2004 16:02	
Heptachlor epoxide	ND	2.0	ug/Kg	1.00	05/25/2004 16:02	
4,4`-DDT	11	2.0	ug/Kg	1.00	05/25/2004 16:02	
4,4`-DDE	21	2.0	ug/Kg	1.00	05/25/2004 16:02	
4,4`-DDD	ND	2.0	ug/Kg	1.00	05/25/2004 16:02	
Endosulfan I	ND	2.0	ug/Kg	1.00	05/25/2004 16:02	
Endosulfan II	ND	2.0	ug/Kg	1.00	05/25/2004 16:02	
alpha-BHC	ND	2.0	ug/Kg	1.00	05/25/2004 16:02	
beta-BHC	ND	2.0	ug/Kg	1.00	05/25/2004 16:02	
gamma-BHC (Lindane)	ND	2.0	ug/Kg	1.00	05/25/2004 16:02	
delta-BHC	ND	2.0	ug/Kg	1.00	05/25/2004 16:02	
Endosulfan sulfate	ND	2.0	ug/Kg	1.00	05/25/2004 16:02	
4,4`-Methoxychlor	ND	2.0	ug/Kg	1.00	05/25/2004 16:02	
Toxaphene	ND	100	ug/Kg	1.00	05/25/2004 16:02	
Chlordane (Technical)	ND	50	ug/Kg	1.00	05/25/2004 16:02	
alpha-Chlordane	2.1	2.0	ug/Kg	1.00	05/25/2004 16:02	
gamma-Chlordane	ND	2.0	ug/Kg	1.00	05/25/2004 16:02	
Surrogate(s)						
2,4,5,6-Tetrachloro-m-xylene	100.1	50-125	%	1.00	05/25/2004 16:02	
Decachlorobiphenyl (Pest/8081)	90.3	46-142	%	1.00	05/25/2004 16:02	

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Prep(s): 3550/8081 Test(s): 8081
Sample ID: **EB-2 COMP** Lab ID: 2004-05-0762 - 2
Sampled: 05/20/2004 Extracted: 5/24/2004 15:03
Matrix: Soil QC Batch#: 2004/05/24-01.13

Compound	Conc.	RL	Unit	Dilution	Analyzed	Flag
Aldrin	ND	2.0	ug/Kg	1.00	05/25/2004 16:27	
Dieldrin	3.3	2.0	ug/Kg	1.00	05/25/2004 16:27	
Endrin aldehyde	ND	2.0	ug/Kg	1.00	05/25/2004 16:27	
Endrin	2.9	2.0	ug/Kg	1.00	05/25/2004 16:27	
Endrin ketone	ND	2.0	ug/Kg	1.00	05/25/2004 16:27	
Heptachlor	ND	2.0	ug/Kg	1.00	05/25/2004 16:27	
Heptachlor epoxide	ND	2.0	ug/Kg	1.00	05/25/2004 16:27	
4,4`-DDT	17	2.0	ug/Kg	1.00	05/25/2004 16:27	
4,4`-DDE	32	2.0	ug/Kg	1.00	05/25/2004 16:27	
4,4`-DDD	3.4	2.0	ug/Kg	1.00	05/25/2004 16:27	
Endosulfan I	ND	2.0	ug/Kg	1.00	05/25/2004 16:27	
Endosulfan II	ND	2.0	ug/Kg	1.00	05/25/2004 16:27	
alpha-BHC	ND	2.0	ug/Kg	1.00	05/25/2004 16:27	
beta-BHC	ND	2.0	ug/Kg	1.00	05/25/2004 16:27	
gamma-BHC (Lindane)	ND	2.0	ug/Kg	1.00	05/25/2004 16:27	
delta-BHC	ND	2.0	ug/Kg	1.00	05/25/2004 16:27	
Endosulfan sulfate	ND	2.0	ug/Kg	1.00	05/25/2004 16:27	
4,4`-Methoxychlor	ND	2.0	ug/Kg	1.00	05/25/2004 16:27	
Toxaphene	ND	100	ug/Kg	1.00	05/25/2004 16:27	
Chlordane (Technical)	ND	50	ug/Kg	1.00	05/25/2004 16:27	
alpha-Chlordane	3.2	2.0	ug/Kg	1.00	05/25/2004 16:27	
gamma-Chlordane	3.9	2.0	ug/Kg	1.00	05/25/2004 16:27	
Surrogate(s)						
2,4,5,6-Tetrachloro-m-xylene	89.0	50-125	%	1.00	05/25/2004 16:27	
Decachlorobiphenyl (Pest/8081)	81.4	46-142	%	1.00	05/25/2004 16:27	

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Submission #: 2004-05-0762

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Prep(s):	3550/8081	Test(s):	8081
Sample ID:	**EB-3 COMP**	Lab ID:	2004-05-0762 - 3
Sampled:	05/20/2004	Extracted:	5/24/2004 15:03
Matrix:	Soil	QC Batch#:	2004/05/24-01.13

Compound	Conc.	RL	Unit	Dilution	Analyzed	Flag
Aldrin	ND	10	ug/Kg	5.00	05/25/2004 16:51	
Dieldrin	ND	10	ug/Kg	5.00	05/25/2004 16:51	
Endrin aldehyde	ND	10	ug/Kg	5.00	05/25/2004 16:51	
Endrin	ND	10	ug/Kg	5.00	05/25/2004 16:51	
Endrin ketone	ND	10	ug/Kg	5.00	05/25/2004 16:51	
Heptachlor	ND	10	ug/Kg	5.00	05/25/2004 16:51	
Heptachlor epoxide	ND	10	ug/Kg	5.00	05/25/2004 16:51	
4,4`-DDT	26	10	ug/Kg	5.00	05/25/2004 16:51	
4,4`-DDE	38	10	ug/Kg	5.00	05/25/2004 16:51	
4,4`-DDD	ND	10	ug/Kg	5.00	05/25/2004 16:51	
Endosulfan I	ND	10	ug/Kg	5.00	05/25/2004 16:51	
Endosulfan II	ND	10	ug/Kg	5.00	05/25/2004 16:51	
alpha-BHC	ND	10	ug/Kg	5.00	05/25/2004 16:51	
beta-BHC	ND	10	ug/Kg	5.00	05/25/2004 16:51	
gamma-BHC (Lindane)	ND	10	ug/Kg	5.00	05/25/2004 16:51	
delta-BHC	ND	10	ug/Kg	5.00	05/25/2004 16:51	
Endosulfan sulfate	ND	10	ug/Kg	5.00	05/25/2004 16:51	
4,4`-Methoxychlor	ND	10	ug/Kg	5.00	05/25/2004 16:51	
Toxaphene	ND	500	ug/Kg	5.00	05/25/2004 16:51	
Chlordane (Technical)	ND	250	ug/Kg	5.00	05/25/2004 16:51	
alpha-Chlordane	ND	10	ug/Kg	5.00	05/25/2004 16:51	
gamma-Chlordane	ND	10	ug/Kg	5.00	05/25/2004 16:51	
Surrogate(s)						
2,4,5,6-Tetrachloro-m-xylene	113.2	50-125	%	5.00	05/25/2004 16:51	
Decachlorobiphenyl (Pest/8081)	96.8	46-142	%	5.00	05/25/2004 16:51	

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Prep(s):	3550/8081	Test(s):	8081
Sample ID:	**EB-4 COMP**	Lab ID:	2004-05-0762 - 4
Sampled:	05/20/2004	Extracted:	5/24/2004 15:03
Matrix:	Soil	QC Batch#:	2004/05/24-01.13

Compound	Conc.	RL	Unit	Dilution	Analyzed	Flag
Aldrin	ND	10	ug/Kg	5.00	05/25/2004 17:16	
Dieldrin	ND	10	ug/Kg	5.00	05/25/2004 17:16	
Endrin aldehyde	ND	10	ug/Kg	5.00	05/25/2004 17:16	
Endrin	ND	10	ug/Kg	5.00	05/25/2004 17:16	
Endrin ketone	ND	10	ug/Kg	5.00	05/25/2004 17:16	
Heptachlor	ND	10	ug/Kg	5.00	05/25/2004 17:16	
Heptachlor epoxide	ND	10	ug/Kg	5.00	05/25/2004 17:16	
4,4`-DDT	14	10	ug/Kg	5.00	05/25/2004 17:16	
4,4`-DDE	15	10	ug/Kg	5.00	05/25/2004 17:16	
4,4`-DDD	ND	10	ug/Kg	5.00	05/25/2004 17:16	
Endosulfan I	ND	10	ug/Kg	5.00	05/25/2004 17:16	
Endosulfan II	ND	10	ug/Kg	5.00	05/25/2004 17:16	
alpha-BHC	ND	10	ug/Kg	5.00	05/25/2004 17:16	
beta-BHC	ND	10	ug/Kg	5.00	05/25/2004 17:16	
gamma-BHC (Lindane)	ND	10	ug/Kg	5.00	05/25/2004 17:16	
delta-BHC	ND	10	ug/Kg	5.00	05/25/2004 17:16	
Endosulfan sulfate	ND	10	ug/Kg	5.00	05/25/2004 17:16	
4,4`-Methoxychlor	ND	10	ug/Kg	5.00	05/25/2004 17:16	
Toxaphene	ND	500	ug/Kg	5.00	05/25/2004 17:16	
Chlordane (Technical)	ND	250	ug/Kg	5.00	05/25/2004 17:16	
alpha-Chlordane	ND	10	ug/Kg	5.00	05/25/2004 17:16	
gamma-Chlordane	ND	10	ug/Kg	5.00	05/25/2004 17:16	
Surrogate(s)						
2,4,5,6-Tetrachloro-m-xylene	104.6	50-125	%	5.00	05/25/2004 17:16	
Decachlorobiphenyl (Pest/8081)	77.6	46-142	%	5.00	05/25/2004 17:16	

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Prep(s): 3550/8081 Test(s): 8081
Sample ID: **EB-5 COMP** Lab ID: 2004-05-0762 - 5
Sampled: 05/20/2004 Extracted: 5/24/2004 15:03
Matrix: Soil QC Batch#: 2004/05/24-01.13

Compound	Conc.	RL	Unit	Dilution	Analyzed	Flag
Aldrin	ND	10	ug/Kg	5.00	05/25/2004 17:40	
Dieldrin	ND	10	ug/Kg	5.00	05/25/2004 17:40	
Endrin aldehyde	ND	10	ug/Kg	5.00	05/25/2004 17:40	
Endrin	ND	10	ug/Kg	5.00	05/25/2004 17:40	
Endrin ketone	ND	10	ug/Kg	5.00	05/25/2004 17:40	
Heptachlor	ND	10	ug/Kg	5.00	05/25/2004 17:40	
Heptachlor epoxide	ND	10	ug/Kg	5.00	05/25/2004 17:40	
4,4`-DDT	30	10	ug/Kg	5.00	05/25/2004 17:40	
4,4`-DDE	28	10	ug/Kg	5.00	05/25/2004 17:40	
4,4`-DDD	ND	10	ug/Kg	5.00	05/25/2004 17:40	
Endosulfan I	ND	10	ug/Kg	5.00	05/25/2004 17:40	
Endosulfan II	ND	10	ug/Kg	5.00	05/25/2004 17:40	
alpha-BHC	ND	10	ug/Kg	5.00	05/25/2004 17:40	
beta-BHC	ND	10	ug/Kg	5.00	05/25/2004 17:40	
gamma-BHC (Lindane)	ND	10	ug/Kg	5.00	05/25/2004 17:40	
delta-BHC	ND	10	ug/Kg	5.00	05/25/2004 17:40	
Endosulfan sulfate	ND	10	ug/Kg	5.00	05/25/2004 17:40	
4,4`-Methoxychlor	ND	10	ug/Kg	5.00	05/25/2004 17:40	
Toxaphene	ND	500	ug/Kg	5.00	05/25/2004 17:40	
Chlordane (Technical)	ND	250	ug/Kg	5.00	05/25/2004 17:40	
alpha-Chlordane	ND	10	ug/Kg	5.00	05/25/2004 17:40	
gamma-Chlordane	10	10	ug/Kg	5.00	05/25/2004 17:40	
Surrogate(s)						
2,4,5,6-Tetrachloro-m-xylene	106.8	50-125	%	5.00	05/25/2004 17:40	
Decachlorobiphenyl (Pest/8081)	98.0	46-142	%	5.00	05/25/2004 17:40	

SEVERN TRENT STL

Submission #: 2004-05-0762

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Received: 05/20/2004 15:46

Prep(s): 3550/8081 Test(s): 8081
Sample ID: **EB-6 COMP** Lab ID: 2004-05-0762 - 6
Sampled: 05/20/2004 Extracted: 5/24/2004 15:03
Matrix: Soil QC Batch#: 2004/05/24-01.13

Compound	Conc.	RL	Unit	Dilution	Analyzed	Flag
Aldrin	ND	10	ug/Kg	5.00	05/25/2004 18:05	
Dieldrin	ND	10	ug/Kg	5.00	05/25/2004 18:05	
Endrin aldehyde	ND	10	ug/Kg	5.00	05/25/2004 18:05	
Endrin	ND	10	ug/Kg	5.00	05/25/2004 18:05	
Endrin ketone	ND	10	ug/Kg	5.00	05/25/2004 18:05	
Heptachlor	ND	10	ug/Kg	5.00	05/25/2004 18:05	
Heptachlor epoxide	ND	10	ug/Kg	5.00	05/25/2004 18:05	
4,4`-DDT	ND	10	ug/Kg	5.00	05/25/2004 18:05	
4,4`-DDE	30	10	ug/Kg	5.00	05/25/2004 18:05	
4,4`-DDD	ND	10	ug/Kg	5.00	05/25/2004 18:05	
Endosulfan I	ND	10	ug/Kg	5.00	05/25/2004 18:05	
Endosulfan II	ND	10	ug/Kg	5.00	05/25/2004 18:05	
alpha-BHC	ND	10	ug/Kg	5.00	05/25/2004 18:05	
beta-BHC	ND	10	ug/Kg	5.00	05/25/2004 18:05	
gamma-BHC (Lindane)	ND	10	ug/Kg	5.00	05/25/2004 18:05	
delta-BHC	ND	10	ug/Kg	5.00	05/25/2004 18:05	
Endosulfan sulfate	ND	10	ug/Kg	5.00	05/25/2004 18:05	
4,4`-Methoxychlor	ND	10	ug/Kg	5.00	05/25/2004 18:05	
Toxaphene	ND	500	ug/Kg	5.00	05/25/2004 18:05	
Chlordane (Technical)	ND	250	ug/Kg	5.00	05/25/2004 18:05	
alpha-Chlordane	ND	10	ug/Kg	5.00	05/25/2004 18:05	
gamma-Chlordane	ND	10	ug/Kg	5.00	05/25/2004 18:05	
Surrogate(s)						
2,4,5,6-Tetrachloro-m-xylene	113.2	50-125	%	5.00	05/25/2004 18:05	
Decachlorobiphenyl (Pest/8081)	114.0	46-142	%	5.00	05/25/2004 18:05	

Organochlorine Pesticides Analysis

Lowney & Associates Mountain View
Attn.: Stason Foster

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Project: P13449
Milpitas Sewage

Received: 05/20/2004 15:46

Batch QC Report

Prep(s): 3550/8081 Test(s): 8081

Method Blank **Soil** **QC Batch # 2004/05/24-01.13**

MB: 2004/05/24-01.13-001 Date Extracted: 05/24/2004 15:03

Compound	Conc.	RL	Unit	Analyzed	Flag
Aldrin	ND	2.0	ug/Kg	05/25/2004 13:34	
Dieldrin	ND	2.0	ug/Kg	05/25/2004 13:34	
Endrin aldehyde	ND	2.0	ug/Kg	05/25/2004 13:34	
Endrin	ND	2.0	ug/Kg	05/25/2004 13:34	
Endrin ketone	ND	2.0	ug/Kg	05/25/2004 13:34	
Heptachlor	ND	2.0	ug/Kg	05/25/2004 13:34	
Heptachlor epoxide	ND	2.0	ug/Kg	05/25/2004 13:34	
4,4`-DDT	ND	2.0	ug/Kg	05/25/2004 13:34	
4,4`-DDE	ND	2.0	ug/Kg	05/25/2004 13:34	
4,4`-DDD	ND	2.0	ug/Kg	05/25/2004 13:34	
Endosulfan I	ND	2.0	ug/Kg	05/25/2004 13:34	
Endosulfan II	ND	2.0	ug/Kg	05/25/2004 13:34	
alpha-BHC	ND	2.0	ug/Kg	05/25/2004 13:34	
beta-BHC	ND	2.0	ug/Kg	05/25/2004 13:34	
gamma-BHC (Lindane)	ND	2.0	ug/Kg	05/25/2004 13:34	
delta-BHC	ND	2.0	ug/Kg	05/25/2004 13:34	
Endosulfan sulfate	ND	2.0	ug/Kg	05/25/2004 13:34	
4,4`-Methoxychlor	ND	2.0	ug/Kg	05/25/2004 13:34	
Toxaphene	ND	100	ug/Kg	05/25/2004 13:34	
Chlordane (Technical)	ND	50	ug/Kg	05/25/2004 13:34	
alpha-Chlordane	ND	2.0	ug/Kg	05/25/2004 13:34	
gamma-Chlordane	ND	2.0	ug/Kg	05/25/2004 13:34	
Surrogates(s)					
2,4,5,6-Tetrachloro-m-xylene	100.4	50-125	%	05/25/2004 13:34	
Decachlorobiphenyl (Pest/8081)	106.0	46-142	%	05/25/2004 13:34	

Organochlorine Pesticides Analysis

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Project: P13449
Milpitas Sewage

Received: 05/20/2004 15:46

Batch QC Report

Prep(s): 3550/8081 Test(s): 8081

Laboratory Control Spike **Soil** **QC Batch # 2004/05/24-01.13**

LCS 2004/05/24-01.13-002 Extracted: 05/24/2004 Analyzed: 05/26/2004 12:12

LCSD 2004/05/24-01.13-003 Extracted: 05/24/2004 Analyzed: 05/26/2004 12:36

Compound	Conc.	ug/Kg	Exp.Conc.	Recovery %		RPD	Ctrl.Limits %		Flags	
	LCS	LCSD		LCS	LCSD	%	Rec.	RPD	LCS	LCSD
Aldrin	15.5	15.3	16.6	93.4	92.2	1.3	37-136	35		
Dieldrin	16.3	16.2	16.6	98.2	97.6	0.6	58-135	35		
Endrin	16.6	16.6	16.6	100.0	100.0	0.0	58-134	35		
Heptachlor	16.4	15.9	16.6	98.8	95.8	3.1	40-136	35		
4,4`-DDT	18.4	20.7	16.6	110.8	124.7	11.8	55-132	35		
gamma-BHC (Lindane)	15.6	15.5	16.6	94.0	93.4	0.6	37-137	35		
Surrogates(s)										
2,4,5,6-Tetrachloro-m-xylene	45.1	47.0	50	90.3	94.0		50-125	0		
Decachlorobiphenyl	47.3	48.6	50	94.6	97.3		46-142	0		

SEVERN TRENT STL

Submission #: 2004-05-0762

CAM 17 Metals

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Milpitas Sewage

Received: 05/20/2004 15:46

Samples Reported

Sample Name	Date Sampled	Matrix	Lab #
EB-1 COMP	05/20/2004	Soil	1
EB-2 COMP	05/20/2004	Soil	2
EB-3 COMP	05/20/2004	Soil	3
EB-4 COMP	05/20/2004	Soil	4
EB-5 COMP	05/20/2004	Soil	5
EB-6 COMP	05/20/2004	Soil	6

SEVERN TRENT STL

Submission #: 2004-05-0762

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Prep(s):	3050B 7471A	Test(s):	6010B 7471A
Sample ID:	**EB-1 COMP**	Lab ID:	2004-05-0762 - 1
Sampled:	05/20/2004	Extracted:	5/21/2004 11:05 5/21/2004 12:57
Matrix:	Soil	QC Batch#:	2004/05/21-02.16 2004/05/21-03.15

Compound	Conc.	RL	Unit	Dilution	Analyzed	Flag
Antimony	ND	2.0	mg/Kg	1.00	05/24/2004 08:50	
Arsenic	4.8	1.0	mg/Kg	1.00	05/24/2004 08:50	
Barium	150	1.0	mg/Kg	1.00	05/24/2004 08:50	
Beryllium	ND	0.50	mg/Kg	1.00	05/24/2004 08:50	
Cadmium	ND	0.50	mg/Kg	1.00	05/24/2004 08:50	
Chromium	39	1.0	mg/Kg	1.00	05/24/2004 08:50	
Cobalt	9.7	1.0	mg/Kg	1.00	05/24/2004 08:50	
Copper	24	1.0	mg/Kg	1.00	05/24/2004 08:50	
Lead	11	1.0	mg/Kg	1.00	05/24/2004 08:50	
Molybdenum	ND	1.0	mg/Kg	1.00	05/24/2004 08:50	
Nickel	62	1.0	mg/Kg	1.00	05/24/2004 08:50	
Selenium	ND	2.0	mg/Kg	1.00	05/24/2004 08:50	
Silver	ND	1.0	mg/Kg	1.00	05/24/2004 08:50	
Thallium	ND	1.0	mg/Kg	1.00	05/24/2004 08:50	
Vanadium	25	1.0	mg/Kg	1.00	05/24/2004 08:50	
Zinc	51	1.0	mg/Kg	1.00	05/24/2004 08:50	
Mercury	0.067	0.050	mg/Kg	1.00	05/25/2004 07:57	

SEVERN TRENT STL

Submission #: 2004-05-0762

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Received: 05/20/2004 15:46

Prep(s):	3050B 7471A	Test(s):	6010B 7471A
Sample ID:	**EB-2 COMP**	Lab ID:	2004-05-0762 - 2
Sampled:	05/20/2004	Extracted:	5/21/2004 11:05 5/21/2004 12:57
Matrix:	Soil	QC Batch#:	2004/05/21-02.16 2004/05/21-03.15

Compound	Conc.	RL	Unit	Dilution	Analyzed	Flag
Antimony	ND	2.0	mg/Kg	1.00	05/24/2004 08:53	
Arsenic	5.1	1.0	mg/Kg	1.00	05/24/2004 08:53	
Barium	150	1.0	mg/Kg	1.00	05/24/2004 08:53	
Beryllium	ND	0.50	mg/Kg	1.00	05/24/2004 08:53	
Cadmium	ND	0.50	mg/Kg	1.00	05/24/2004 08:53	
Chromium	53	1.0	mg/Kg	1.00	05/24/2004 08:53	
Cobalt	10	1.0	mg/Kg	1.00	05/24/2004 08:53	
Copper	25	1.0	mg/Kg	1.00	05/24/2004 08:53	
Lead	21	1.0	mg/Kg	1.00	05/24/2004 08:53	
Molybdenum	ND	1.0	mg/Kg	1.00	05/24/2004 08:53	
Nickel	67	1.0	mg/Kg	1.00	05/24/2004 08:53	
Selenium	ND	2.0	mg/Kg	1.00	05/24/2004 08:53	
Silver	ND	1.0	mg/Kg	1.00	05/24/2004 08:53	
Thallium	ND	1.0	mg/Kg	1.00	05/24/2004 08:53	
Vanadium	23	1.0	mg/Kg	1.00	05/24/2004 08:53	
Zinc	54	1.0	mg/Kg	1.00	05/24/2004 08:53	
Mercury	0.092	0.050	mg/Kg	1.00	05/25/2004 07:59	

SEVERN TRENT STL

Submission #: 2004-05-0762

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Received: 05/20/2004 15:46

Prep(s):	3050B 7471A	Test(s):	6010B 7471A
Sample ID:	**EB-3 COMP**	Lab ID:	2004-05-0762 - 3
Sampled:	05/20/2004	Extracted:	5/21/2004 11:05 5/21/2004 12:57
Matrix:	Soil	QC Batch#:	2004/05/21-02.16 2004/05/21-03.15

Compound	Conc.	RL	Unit	Dilution	Analyzed	Flag
Antimony	ND	2.0	mg/Kg	1.00	05/24/2004 08:57	
Arsenic	3.2	1.0	mg/Kg	1.00	05/24/2004 08:57	
Barium	190	1.0	mg/Kg	1.00	05/24/2004 08:57	
Beryllium	ND	0.50	mg/Kg	1.00	05/24/2004 08:57	
Cadmium	ND	0.50	mg/Kg	1.00	05/24/2004 08:57	
Chromium	46	1.0	mg/Kg	1.00	05/24/2004 08:57	
Cobalt	10	1.0	mg/Kg	1.00	05/24/2004 08:57	
Copper	23	1.0	mg/Kg	1.00	05/24/2004 08:57	
Lead	18	1.0	mg/Kg	1.00	05/24/2004 08:57	
Molybdenum	ND	1.0	mg/Kg	1.00	05/24/2004 08:57	
Nickel	69	1.0	mg/Kg	1.00	05/24/2004 08:57	
Selenium	ND	2.0	mg/Kg	1.00	05/24/2004 08:57	
Silver	ND	1.0	mg/Kg	1.00	05/24/2004 08:57	
Thallium	ND	1.0	mg/Kg	1.00	05/24/2004 08:57	
Vanadium	26	1.0	mg/Kg	1.00	05/24/2004 08:57	
Zinc	47	1.0	mg/Kg	1.00	05/24/2004 08:57	
Mercury	0.071	0.050	mg/Kg	1.00	05/25/2004 08:00	

SEVERN TRENT STL

Submission #: 2004-05-0762

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Project: P13449
Milpitas Sewage

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Prep(s):	3050B 7471A	Test(s):	6010B 7471A
Sample ID:	**EB-4 COMP**	Lab ID:	2004-05-0762 - 4
Sampled:	05/20/2004	Extracted:	5/21/2004 11:05 5/21/2004 12:57
Matrix:	Soil	QC Batch#:	2004/05/21-02.16 2004/05/21-03.15

Compound	Conc.	RL	Unit	Dilution	Analyzed	Flag
Antimony	ND	2.0	mg/Kg	1.00	05/24/2004 09:00	
Arsenic	4.6	1.0	mg/Kg	1.00	05/24/2004 09:00	
Barium	140	1.0	mg/Kg	1.00	05/24/2004 09:00	
Beryllium	ND	0.50	mg/Kg	1.00	05/24/2004 09:00	
Cadmium	ND	0.50	mg/Kg	1.00	05/24/2004 09:00	
Chromium	37	1.0	mg/Kg	1.00	05/24/2004 09:00	
Cobalt	8.9	1.0	mg/Kg	1.00	05/24/2004 09:00	
Copper	27	1.0	mg/Kg	1.00	05/24/2004 09:00	
Lead	27	1.0	mg/Kg	1.00	05/24/2004 09:00	
Molybdenum	ND	1.0	mg/Kg	1.00	05/24/2004 09:00	
Nickel	57	1.0	mg/Kg	1.00	05/24/2004 09:00	
Selenium	ND	2.0	mg/Kg	1.00	05/24/2004 09:00	
Silver	ND	1.0	mg/Kg	1.00	05/24/2004 09:00	
Thallium	ND	1.0	mg/Kg	1.00	05/24/2004 09:00	
Vanadium	25	1.0	mg/Kg	1.00	05/24/2004 09:00	
Zinc	61	1.0	mg/Kg	1.00	05/24/2004 09:00	
Mercury	0.16	0.050	mg/Kg	1.00	05/25/2004 08:01	

SEVERN TRENT STL

Submission #: 2004-05-0762

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Received: 05/20/2004 15:46

Prep(s):	3050B 7471A	Test(s):	6010B 7471A
Sample ID:	**EB-5 COMP**	Lab ID:	2004-05-0762 - 5
Sampled:	05/20/2004	Extracted:	5/21/2004 11:05 5/21/2004 12:57
Matrix:	Soil	QC Batch#:	2004/05/21-02.16 2004/05/21-03.15

Compound	Conc.	RL	Unit	Dilution	Analyzed	Flag
Antimony	ND	2.0	mg/Kg	1.00	05/24/2004 09:03	
Arsenic	2.5	1.0	mg/Kg	1.00	05/24/2004 09:03	
Barium	220	1.0	mg/Kg	1.00	05/24/2004 09:03	
Beryllium	ND	0.50	mg/Kg	1.00	05/24/2004 09:03	
Cadmium	ND	0.50	mg/Kg	1.00	05/24/2004 09:03	
Chromium	47	1.0	mg/Kg	1.00	05/24/2004 09:03	
Cobalt	9.6	1.0	mg/Kg	1.00	05/24/2004 09:03	
Copper	19	1.0	mg/Kg	1.00	05/24/2004 09:03	
Lead	9.4	1.0	mg/Kg	1.00	05/24/2004 09:03	
Molybdenum	ND	1.0	mg/Kg	1.00	05/24/2004 09:03	
Nickel	71	1.0	mg/Kg	1.00	05/24/2004 09:03	
Selenium	ND	2.0	mg/Kg	1.00	05/24/2004 09:03	
Silver	ND	1.0	mg/Kg	1.00	05/24/2004 09:03	
Thallium	ND	1.0	mg/Kg	1.00	05/24/2004 09:03	
Vanadium	23	1.0	mg/Kg	1.00	05/24/2004 09:03	
Zinc	39	1.0	mg/Kg	1.00	05/24/2004 09:03	
Mercury	0.20	0.050	mg/Kg	1.00	05/25/2004 08:02	

CAM 17 Metals

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Milpitas Sewage

Received: 05/20/2004 15:46

Prep(s):	3050B 7471A	Test(s):	6010B 7471A
Sample ID:	**EB-6 COMP**	Lab ID:	2004-05-0762 - 6
Sampled:	05/20/2004	Extracted:	5/21/2004 11:05 5/21/2004 12:57
Matrix:	Soil	QC Batch#:	2004/05/21-02.16 2004/05/21-03.15

Compound	Conc.	RL	Unit	Dilution	Analyzed	Flag
Antimony	ND	2.0	mg/Kg	1.00	05/24/2004 09:07	
Arsenic	4.9	1.0	mg/Kg	1.00	05/24/2004 09:07	
Barium	210	1.0	mg/Kg	1.00	05/24/2004 09:07	
Beryllium	ND	0.50	mg/Kg	1.00	05/24/2004 09:07	
Cadmium	ND	0.50	mg/Kg	1.00	05/24/2004 09:07	
Chromium	48	1.0	mg/Kg	1.00	05/24/2004 09:07	
Cobalt	10	1.0	mg/Kg	1.00	05/24/2004 09:07	
Copper	27	1.0	mg/Kg	1.00	05/24/2004 09:07	
Lead	36	1.0	mg/Kg	1.00	05/24/2004 09:07	
Molybdenum	ND	1.0	mg/Kg	1.00	05/24/2004 09:07	
Nickel	73	1.0	mg/Kg	1.00	05/24/2004 09:07	
Selenium	ND	2.0	mg/Kg	1.00	05/24/2004 09:07	
Silver	ND	1.0	mg/Kg	1.00	05/24/2004 09:07	
Thallium	ND	1.0	mg/Kg	1.00	05/24/2004 09:07	
Vanadium	26	1.0	mg/Kg	1.00	05/24/2004 09:07	
Zinc	96	1.0	mg/Kg	1.00	05/24/2004 09:07	
Mercury	0.14	0.050	mg/Kg	1.00	05/25/2004 08:04	

CAM 17 Metals

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Project: P13449
Milpitas Sewage

Received: 05/20/2004 15:46

Batch QC Report

Prep(s): 7471A — Test(s): 7471A

Method Blank — **Soil** — **QC Batch # 2004/05/21-02.16**

MB: 2004/05/21-02.16-040 — Date Extracted: 05/21/2004 11:05

Compound	Conc.	RL	Unit	Analyzed	Flag
Mercury	ND	0.050	mg/Kg	05/25/2004 07:29	

CAM 17 Metals

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Milpitas Sewage

Received: 05/20/2004 15:46

Batch QC Report

Prep(s): 3050B
Method Blank Soil
Test(s): 6010B
QC Batch # 2004/05/21-03.15
MB: 2004/05/21-03.15-011
Date Extracted: 05/21/2004 12:57

Compound	Conc.	RL	Unit	Analyzed	Flag
Antimony	ND	2.0	mg/Kg	05/24/2004 07:40	
Arsenic	ND	1.0	mg/Kg	05/24/2004 07:40	
Barium	ND	1.0	mg/Kg	05/24/2004 07:40	
Beryllium	ND	0.50	mg/Kg	05/24/2004 07:40	
Cadmium	ND	0.50	mg/Kg	05/24/2004 07:40	
Chromium	ND	1.0	mg/Kg	05/24/2004 07:40	
Cobalt	ND	1.0	mg/Kg	05/24/2004 07:40	
Copper	ND	1.0	mg/Kg	05/24/2004 07:40	
Lead	ND	1.0	mg/Kg	05/24/2004 07:40	
Molybdenum	ND	1.0	mg/Kg	05/24/2004 07:40	
Nickel	ND	1.0	mg/Kg	05/24/2004 07:40	
Selenium	ND	2.0	mg/Kg	05/24/2004 07:40	
Silver	ND	1.0	mg/Kg	05/24/2004 07:40	
Thallium	ND	1.0	mg/Kg	05/24/2004 07:40	
Vanadium	ND	1.0	mg/Kg	05/24/2004 07:40	
Zinc	ND	1.0	mg/Kg	05/24/2004 07:40	

CAM 17 Metals

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Batch QC Report

Prep(s): 7471A
Test(s): 7471A

Laboratory Control Spike Soil
QC Batch # 2004/05/21-02.16

LCS 2004/05/21-02.16-041 Extracted: 05/21/2004 Analyzed: 05/25/2004 07:31
LCSD 2004/05/21-02.16-042 Extracted: 05/21/2004 Analyzed: 05/25/2004 07:32

Compound	Conc. mg/Kg		Exp.Conc.	Recovery %		RPD	Ctrl.Limits %		Flags	
	LCS	LCSD		LCS	LCSD	%	Rec.	RPD	LCS	LCSD
Mercury	0.461	0.454	0.500	92.2	90.8	1.5	85-115	20		

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Project: P13449
Milpitas Sewage

Received: 05/20/2004 15:46

Batch QC Report

Prep(s): 3050B

Test(s): 6010B

Laboratory Control Spike **Soil** **QC Batch # 2004/05/21-03.15**

LCS 2004/05/21-03.15-012 Extracted: 05/21/2004 Analyzed: 05/24/2004 07:45

LCSD 2004/05/21-03.15-013 Extracted: 05/21/2004 Analyzed: 05/24/2004 07:49

Compound	Conc. mg/Kg		Exp.Conc.	Recovery %		RPD	Ctrl.Limits %		Flags	
	LCS	LCSD		LCS	LCSD	%	Rec.	RPD	LCS	LCSD
Antimony	96.6	95.7	100.0	96.6	95.7	0.9	80-120	20		
Arsenic	100	99.5	100.0	100.0	99.5	0.5	80-120	20		
Barium	98.8	98.6	100.0	98.8	98.6	0.2	80-120	20		
Beryllium	95.4	90.4	100.0	95.4	90.4	5.4	80-120	20		
Cadmium	94.9	95.0	100.0	94.9	95.0	0.1	80-120	20		
Chromium	96.7	96.6	100.0	96.7	96.6	0.1	80-120	20		
Cobalt	97.2	97.1	100.0	97.2	97.1	0.1	80-120	20		
Copper	100	99.3	100.0	100.0	99.3	0.7	80-120	20		
Lead	91.0	90.6	100.0	91.0	90.6	0.4	80-120	20		
Molybdenum	93.3	93.1	100.0	93.3	93.1	0.2	80-120	20		
Nickel	94.4	94.3	100.0	94.4	94.3	0.1	80-120	20		
Selenium	85.7	85.3	100.0	85.7	85.3	0.5	80-120	20		
Silver	95.7	95.3	100.0	95.7	95.3	0.4	80-120	20		
Thallium	95.8	95.4	100.0	95.8	95.4	0.4	80-120	20		
Vanadium	98.4	98.1	100.0	98.4	98.1	0.3	80-120	20		
Zinc	90.5	90.6	100.0	90.5	90.6	0.1	80-120	20		

Halogenated Volatile Organic Compounds by 8021B/8260B

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Milpitas Sewage

Received: 05/20/2004 15:46

Samples Reported

Sample Name	Date Sampled	Matrix	Lab #
EB-3 COMP	05/20/2004	Soil	3
EB-4 COMP	05/20/2004	Soil	4
EB-5 COMP	05/20/2004	Soil	5
EB-6 COMP	05/20/2004	Soil	6

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Milpitas Sewage

Received: 05/20/2004 15:46

Prep(s): 5030B/5035 Test(s): 8260B
Sample ID: **EB-3 COMP** Lab ID: 2004-05-0762 - 3
Sampled: 05/20/2004 Extracted: 5/26/2004 15:08
Matrix: Soil QC Batch#: 2004/05/26-1A.09

Compound	Conc.	RL	Unit	Dilution	Analyzed	Flag
Dichlorodifluoromethane	ND	10	ug/Kg	1.00	05/26/2004 15:08	
Vinyl chloride	ND	5.0	ug/Kg	1.00	05/26/2004 15:08	
Chloroethane	ND	5.0	ug/Kg	1.00	05/26/2004 15:08	
Trichlorofluoromethane	ND	5.0	ug/Kg	1.00	05/26/2004 15:08	
1,1-Dichloroethene	ND	5.0	ug/Kg	1.00	05/26/2004 15:08	
Methylene chloride	ND	10	ug/Kg	1.00	05/26/2004 15:08	
trans-1,2-Dichloroethene	ND	5.0	ug/Kg	1.00	05/26/2004 15:08	
cis-1,2-Dichloroethene	ND	5.0	ug/Kg	1.00	05/26/2004 15:08	
1,1-Dichloroethane	ND	5.0	ug/Kg	1.00	05/26/2004 15:08	
Chloroform	ND	5.0	ug/Kg	1.00	05/26/2004 15:08	
1,1,1-Trichloroethane	ND	5.0	ug/Kg	1.00	05/26/2004 15:08	
Carbon tetrachloride	ND	5.0	ug/Kg	1.00	05/26/2004 15:08	
1,2-Dichloroethane	ND	5.0	ug/Kg	1.00	05/26/2004 15:08	
Trichloroethene	ND	5.0	ug/Kg	1.00	05/26/2004 15:08	
1,2-Dichloropropane	ND	5.0	ug/Kg	1.00	05/26/2004 15:08	
Bromodichloromethane	ND	5.0	ug/Kg	1.00	05/26/2004 15:08	
2-Chloroethylvinyl ether	ND	5.0	ug/Kg	1.00	05/26/2004 15:08	
trans-1,3-Dichloropropene	ND	5.0	ug/Kg	1.00	05/26/2004 15:08	
cis-1,3-Dichloropropene	ND	5.0	ug/Kg	1.00	05/26/2004 15:08	
1,1,2-Trichloroethane	ND	5.0	ug/Kg	1.00	05/26/2004 15:08	
Tetrachloroethene	ND	5.0	ug/Kg	1.00	05/26/2004 15:08	
Dibromochloromethane	ND	5.0	ug/Kg	1.00	05/26/2004 15:08	
Chlorobenzene	ND	5.0	ug/Kg	1.00	05/26/2004 15:08	
Bromoform	ND	5.0	ug/Kg	1.00	05/26/2004 15:08	
1,1,2,2-Tetrachloroethane	ND	5.0	ug/Kg	1.00	05/26/2004 15:08	
1,3-Dichlorobenzene	ND	5.0	ug/Kg	1.00	05/26/2004 15:08	
1,4-Dichlorobenzene	ND	5.0	ug/Kg	1.00	05/26/2004 15:08	
1,2-Dichlorobenzene	ND	5.0	ug/Kg	1.00	05/26/2004 15:08	
Trichlorotrifluoroethane	ND	5.0	ug/Kg	1.00	05/26/2004 15:08	
Chloromethane	ND	5.0	ug/Kg	1.00	05/26/2004 15:08	

Halogenated Volatile Organic Compounds by 8021B/8260B

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Milpitas Sewage

Received: 05/20/2004 15:46

Prep(s): 5030B/5035 Test(s): 8260B
Sample ID: **EB-3 COMP** Lab ID: 2004-05-0762 - 3
Sampled: 05/20/2004 Extracted: 5/26/2004 15:08
Matrix: Soil QC Batch#: 2004/05/26-1A.09

Compound	Conc.	RL	Unit	Dilution	Analyzed	Flag
Bromomethane	ND	5.0	ug/Kg	1.00	05/26/2004 15:08	
Surrogate(s)						
4-Bromofluorobenzene	95.8	74-121	%	1.00	05/26/2004 15:08	
1,2-Dichloroethane-d4	99.1	70-121	%	1.00	05/26/2004 15:08	
Toluene-d8	97.5	81-117	%	1.00	05/26/2004 15:08	

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Received: 05/20/2004 15:46

Prep(s):	5030B/5035	Test(s):	8260B
Sample ID:	**EB-4 COMP**	Lab ID:	2004-05-0762 - 4
Sampled:	05/20/2004	Extracted:	5/26/2004 16:27
Matrix:	Soil	QC Batch#:	2004/05/26-1A.09

Compound	Conc.	RL	Unit	Dilution	Analyzed	Flag
Dichlorodifluoromethane	ND	10	ug/Kg	1.00	05/26/2004 16:27	
Vinyl chloride	ND	5.0	ug/Kg	1.00	05/26/2004 16:27	
Chloroethane	ND	5.0	ug/Kg	1.00	05/26/2004 16:27	
Trichlorofluoromethane	ND	5.0	ug/Kg	1.00	05/26/2004 16:27	
1,1-Dichloroethene	ND	5.0	ug/Kg	1.00	05/26/2004 16:27	
Methylene chloride	ND	10	ug/Kg	1.00	05/26/2004 16:27	
trans-1,2-Dichloroethene	ND	5.0	ug/Kg	1.00	05/26/2004 16:27	
cis-1,2-Dichloroethene	ND	5.0	ug/Kg	1.00	05/26/2004 16:27	
1,1-Dichloroethane	ND	5.0	ug/Kg	1.00	05/26/2004 16:27	
Chloroform	ND	5.0	ug/Kg	1.00	05/26/2004 16:27	
1,1,1-Trichloroethane	ND	5.0	ug/Kg	1.00	05/26/2004 16:27	
Carbon tetrachloride	ND	5.0	ug/Kg	1.00	05/26/2004 16:27	
1,2-Dichloroethane	ND	5.0	ug/Kg	1.00	05/26/2004 16:27	
Trichloroethene	ND	5.0	ug/Kg	1.00	05/26/2004 16:27	
1,2-Dichloropropane	ND	5.0	ug/Kg	1.00	05/26/2004 16:27	
Bromodichloromethane	ND	5.0	ug/Kg	1.00	05/26/2004 16:27	
2-Chloroethylvinyl ether	ND	5.0	ug/Kg	1.00	05/26/2004 16:27	
trans-1,3-Dichloropropene	ND	5.0	ug/Kg	1.00	05/26/2004 16:27	
cis-1,3-Dichloropropene	ND	5.0	ug/Kg	1.00	05/26/2004 16:27	
1,1,2-Trichloroethane	ND	5.0	ug/Kg	1.00	05/26/2004 16:27	
Tetrachloroethene	ND	5.0	ug/Kg	1.00	05/26/2004 16:27	
Dibromochloromethane	ND	5.0	ug/Kg	1.00	05/26/2004 16:27	
Chlorobenzene	ND	5.0	ug/Kg	1.00	05/26/2004 16:27	
Bromoform	ND	5.0	ug/Kg	1.00	05/26/2004 16:27	
1,1,2,2-Tetrachloroethane	ND	5.0	ug/Kg	1.00	05/26/2004 16:27	
1,3-Dichlorobenzene	ND	5.0	ug/Kg	1.00	05/26/2004 16:27	
1,4-Dichlorobenzene	ND	5.0	ug/Kg	1.00	05/26/2004 16:27	
1,2-Dichlorobenzene	ND	5.0	ug/Kg	1.00	05/26/2004 16:27	
Trichlorotrifluoroethane	ND	5.0	ug/Kg	1.00	05/26/2004 16:27	
Chloromethane	ND	5.0	ug/Kg	1.00	05/26/2004 16:27	

Halogenated Volatile Organic Compounds by 8021B/8260B

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Prep(s):	5030B/5035	Test(s):	8260B
Sample ID:	**EB-4 COMP**	Lab ID:	2004-05-0762 - 4
Sampled:	05/20/2004	Extracted:	5/26/2004 16:27
Matrix:	Soil	QC Batch#:	2004/05/26-1A.09

Compound	Conc.	RL	Unit	Dilution	Analyzed	Flag
Bromomethane	ND	5.0	ug/Kg	1.00	05/26/2004 16:27	
Surrogate(s)						
4-Bromofluorobenzene	97.8	74-121	%	1.00	05/26/2004 16:27	
1,2-Dichloroethane-d4	102.8	70-121	%	1.00	05/26/2004 16:27	
Toluene-d8	98.4	81-117	%	1.00	05/26/2004 16:27	

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Prep(s):	5030B/5035	Test(s):	8260B
Sample ID:	**EB-5 COMP**	Lab ID:	2004-05-0762 - 5
Sampled:	05/20/2004	Extracted:	5/26/2004 16:54
Matrix:	Soil	QC Batch#:	2004/05/26-1A.09

Compound	Conc.	RL	Unit	Dilution	Analyzed	Flag
Dichlorodifluoromethane	ND	10	ug/Kg	1.00	05/26/2004 16:54	
Vinyl chloride	ND	5.0	ug/Kg	1.00	05/26/2004 16:54	
Chloroethane	ND	5.0	ug/Kg	1.00	05/26/2004 16:54	
Trichlorofluoromethane	ND	5.0	ug/Kg	1.00	05/26/2004 16:54	
1,1-Dichloroethene	ND	5.0	ug/Kg	1.00	05/26/2004 16:54	
Methylene chloride	ND	10	ug/Kg	1.00	05/26/2004 16:54	
trans-1,2-Dichloroethene	ND	5.0	ug/Kg	1.00	05/26/2004 16:54	
cis-1,2-Dichloroethene	ND	5.0	ug/Kg	1.00	05/26/2004 16:54	
1,1-Dichloroethane	ND	5.0	ug/Kg	1.00	05/26/2004 16:54	
Chloroform	ND	5.0	ug/Kg	1.00	05/26/2004 16:54	
1,1,1-Trichloroethane	ND	5.0	ug/Kg	1.00	05/26/2004 16:54	
Carbon tetrachloride	ND	5.0	ug/Kg	1.00	05/26/2004 16:54	
1,2-Dichloroethane	ND	5.0	ug/Kg	1.00	05/26/2004 16:54	
Trichloroethene	ND	5.0	ug/Kg	1.00	05/26/2004 16:54	
1,2-Dichloropropane	ND	5.0	ug/Kg	1.00	05/26/2004 16:54	
Bromodichloromethane	ND	5.0	ug/Kg	1.00	05/26/2004 16:54	
2-Chloroethylvinyl ether	ND	5.0	ug/Kg	1.00	05/26/2004 16:54	
trans-1,3-Dichloropropene	ND	5.0	ug/Kg	1.00	05/26/2004 16:54	
cis-1,3-Dichloropropene	ND	5.0	ug/Kg	1.00	05/26/2004 16:54	
1,1,2-Trichloroethane	ND	5.0	ug/Kg	1.00	05/26/2004 16:54	
Tetrachloroethene	ND	5.0	ug/Kg	1.00	05/26/2004 16:54	
Dibromochloromethane	ND	5.0	ug/Kg	1.00	05/26/2004 16:54	
Chlorobenzene	ND	5.0	ug/Kg	1.00	05/26/2004 16:54	
Bromoform	ND	5.0	ug/Kg	1.00	05/26/2004 16:54	
1,1,2,2-Tetrachloroethane	ND	5.0	ug/Kg	1.00	05/26/2004 16:54	
1,3-Dichlorobenzene	ND	5.0	ug/Kg	1.00	05/26/2004 16:54	
1,4-Dichlorobenzene	ND	5.0	ug/Kg	1.00	05/26/2004 16:54	
1,2-Dichlorobenzene	ND	5.0	ug/Kg	1.00	05/26/2004 16:54	
Trichlorotrifluoroethane	ND	5.0	ug/Kg	1.00	05/26/2004 16:54	
Chloromethane	ND	5.0	ug/Kg	1.00	05/26/2004 16:54	

Halogenated Volatile Organic Compounds by 8021B/8260B

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Prep(s):	5030B/5035	Test(s):	8260B
Sample ID:	**EB-5 COMP**	Lab ID:	2004-05-0762 - 5
Sampled:	05/20/2004	Extracted:	5/26/2004 16:54
Matrix:	Soil	QC Batch#:	2004/05/26-1A.09

Compound	Conc.	RL	Unit	Dilution	Analyzed	Flag
Bromomethane	ND	5.0	ug/Kg	1.00	05/26/2004 16:54	
Surrogate(s)						
4-Bromofluorobenzene	96.5	74-121	%	1.00	05/26/2004 16:54	
1,2-Dichloroethane-d4	111.7	70-121	%	1.00	05/26/2004 16:54	
Toluene-d8	100.4	81-117	%	1.00	05/26/2004 16:54	

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Prep(s):	5030B/5035	Test(s):	8260B
Sample ID:	**EB-6 COMP**	Lab ID:	2004-05-0762 - 6
Sampled:	05/20/2004	Extracted:	5/26/2004 17:20
Matrix:	Soil	QC Batch#:	2004/05/26-1A.09

Compound	Conc.	RL	Unit	Dilution	Analyzed	Flag
Dichlorodifluoromethane	ND	10	ug/Kg	1.00	05/26/2004 17:20	
Vinyl chloride	ND	5.0	ug/Kg	1.00	05/26/2004 17:20	
Chloroethane	ND	5.0	ug/Kg	1.00	05/26/2004 17:20	
Trichlorofluoromethane	ND	5.0	ug/Kg	1.00	05/26/2004 17:20	
1,1-Dichloroethene	ND	5.0	ug/Kg	1.00	05/26/2004 17:20	
Methylene chloride	ND	10	ug/Kg	1.00	05/26/2004 17:20	
trans-1,2-Dichloroethene	ND	5.0	ug/Kg	1.00	05/26/2004 17:20	
cis-1,2-Dichloroethene	ND	5.0	ug/Kg	1.00	05/26/2004 17:20	
1,1-Dichloroethane	ND	5.0	ug/Kg	1.00	05/26/2004 17:20	
Chloroform	ND	5.0	ug/Kg	1.00	05/26/2004 17:20	
1,1,1-Trichloroethane	ND	5.0	ug/Kg	1.00	05/26/2004 17:20	
Carbon tetrachloride	ND	5.0	ug/Kg	1.00	05/26/2004 17:20	
1,2-Dichloroethane	ND	5.0	ug/Kg	1.00	05/26/2004 17:20	
Trichloroethene	ND	5.0	ug/Kg	1.00	05/26/2004 17:20	
1,2-Dichloropropane	ND	5.0	ug/Kg	1.00	05/26/2004 17:20	
Bromodichloromethane	ND	5.0	ug/Kg	1.00	05/26/2004 17:20	
2-Chloroethylvinyl ether	ND	5.0	ug/Kg	1.00	05/26/2004 17:20	
trans-1,3-Dichloropropene	ND	5.0	ug/Kg	1.00	05/26/2004 17:20	
cis-1,3-Dichloropropene	ND	5.0	ug/Kg	1.00	05/26/2004 17:20	
1,1,2-Trichloroethane	ND	5.0	ug/Kg	1.00	05/26/2004 17:20	
Tetrachloroethene	ND	5.0	ug/Kg	1.00	05/26/2004 17:20	
Dibromochloromethane	ND	5.0	ug/Kg	1.00	05/26/2004 17:20	
Chlorobenzene	ND	5.0	ug/Kg	1.00	05/26/2004 17:20	
Bromoform	ND	5.0	ug/Kg	1.00	05/26/2004 17:20	
1,1,2,2-Tetrachloroethane	ND	5.0	ug/Kg	1.00	05/26/2004 17:20	
1,3-Dichlorobenzene	ND	5.0	ug/Kg	1.00	05/26/2004 17:20	
1,4-Dichlorobenzene	ND	5.0	ug/Kg	1.00	05/26/2004 17:20	
1,2-Dichlorobenzene	ND	5.0	ug/Kg	1.00	05/26/2004 17:20	
Trichlorotrifluoroethane	ND	5.0	ug/Kg	1.00	05/26/2004 17:20	
Chloromethane	ND	5.0	ug/Kg	1.00	05/26/2004 17:20	

Halogenated Volatile Organic Compounds by 8021B/8260B

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Received: 05/20/2004 15:46

Prep(s):	5030B/5035	Test(s):	8260B
Sample ID:	**EB-6 COMP**	Lab ID:	2004-05-0762 - 6
Sampled:	05/20/2004	Extracted:	5/26/2004 17:20
Matrix:	Soil	QC Batch#:	2004/05/26-1A.09

Compound	Conc.	RL	Unit	Dilution	Analyzed	Flag
Bromomethane	ND	5.0	ug/Kg	1.00	05/26/2004 17:20	
Surrogate(s)						
4-Bromofluorobenzene	96.4	74-121	%	1.00	05/26/2004 17:20	
1,2-Dichloroethane-d4	104.6	70-121	%	1.00	05/26/2004 17:20	
Toluene-d8	100.5	81-117	%	1.00	05/26/2004 17:20	

Halogenated Volatile Organic Compounds by 8021B/8260B

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Received: 05/20/2004 15:46

Batch QC Report

Prep(s): 5030B/5035 — Test(s): 8260B

Method Blank — **Soil** — **QC Batch # 2004/05/26-1A.09**

MB: 2004/05/26-1A.09-017 — Date Extracted: 05/26/2004 13:22

Compound	Conc.	RL	Unit	Analyzed	Flag
Dichlorodifluoromethane	ND	10.0	ug/Kg	05/26/2004 13:22	
Vinyl chloride	ND	5.0	ug/Kg	05/26/2004 13:22	
Chloroethane	ND	5.0	ug/Kg	05/26/2004 13:22	
Trichlorofluoromethane	ND	5.0	ug/Kg	05/26/2004 13:22	
1,1-Dichloroethene	ND	5.0	ug/Kg	05/26/2004 13:22	
Methylene chloride	ND	10.0	ug/Kg	05/26/2004 13:22	
trans-1,2-Dichloroethene	ND	5.0	ug/Kg	05/26/2004 13:22	
cis-1,2-Dichloroethene	ND	5.0	ug/Kg	05/26/2004 13:22	
1,1-Dichloroethane	ND	5.0	ug/Kg	05/26/2004 13:22	
Chloroform	ND	5.0	ug/Kg	05/26/2004 13:22	
1,1,1-Trichloroethane	ND	5.0	ug/Kg	05/26/2004 13:22	
Carbon tetrachloride	ND	5.0	ug/Kg	05/26/2004 13:22	
1,2-Dichloroethane	ND	5.0	ug/Kg	05/26/2004 13:22	
Trichloroethene	ND	5.0	ug/Kg	05/26/2004 13:22	
1,2-Dichloropropane	ND	5.0	ug/Kg	05/26/2004 13:22	
Bromodichloromethane	ND	5.0	ug/Kg	05/26/2004 13:22	
2-Chloroethylvinyl ether	ND	5.0	ug/Kg	05/26/2004 13:22	
trans-1,3-Dichloropropene	ND	5.0	ug/Kg	05/26/2004 13:22	
cis-1,3-Dichloropropene	ND	5.0	ug/Kg	05/26/2004 13:22	
1,1,2-Trichloroethane	ND	5.0	ug/Kg	05/26/2004 13:22	
Tetrachloroethene	ND	5.0	ug/Kg	05/26/2004 13:22	
Dibromochloromethane	ND	5.0	ug/Kg	05/26/2004 13:22	
Chlorobenzene	ND	5.0	ug/Kg	05/26/2004 13:22	
Bromoform	ND	5.0	ug/Kg	05/26/2004 13:22	
1,1,2,2-Tetrachloroethane	ND	5.0	ug/Kg	05/26/2004 13:22	
1,3-Dichlorobenzene	ND	5.0	ug/Kg	05/26/2004 13:22	
1,4-Dichlorobenzene	ND	5.0	ug/Kg	05/26/2004 13:22	
1,2-Dichlorobenzene	ND	5.0	ug/Kg	05/26/2004 13:22	
Trichlorotrifluoroethane	ND	5.0	ug/Kg	05/26/2004 13:22	
Chloromethane	ND	5.0	ug/Kg	05/26/2004 13:22	

Halogenated Volatile Organic Compounds by 8021B/8260B

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Project: P13449
Milpitas Sewage

Received: 05/20/2004 15:46

Batch QC Report

Prep(s): 5030B/5035 — Test(s): 8260B

Method Blank — **Soil** — **QC Batch # 2004/05/26-1A.09**

MB: 2004/05/26-1A.09-017 — Date Extracted: 05/26/2004 13:22

Compound	Conc.	RL	Unit	Analyzed	Flag
Bromomethane	ND	5.0	ug/Kg	05/26/2004 13:22	
4-Bromofluorobenzene	99.6	74-121	%	05/26/2004 13:22	
1,2-Dichloroethane-d4	102.6	70-121	%	05/26/2004 13:22	
Toluene-d8	102.0	81-117	%	05/26/2004 13:22	

Halogenated Volatile Organic Compounds by 8021B/8260B

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Milpitas Sewage

Received: 05/20/2004 15:46

Batch QC Report

Prep(s): 5030B/5035 Test(s): 8260B

Laboratory Control Spike **Soil** **QC Batch # 2004/05/26-1A.09**

LCS 2004/05/26-1A.09-002 Extracted: 05/26/2004 Analyzed: 05/26/2004 09:00
LCSD 2004/05/26-1A.09-003 Extracted: 05/26/2004 Analyzed: 05/26/2004 09:38

Compound	Conc. ug/Kg		Exp.Conc.	Recovery %		RPD	Ctrl.Limits %		Flags	
	LCS	LCSD		LCS	LCSD	%	Rec.	RPD	LCS	LCSD
Chlorobenzene	101	102	100	101.0	102.0	1.0	61-121	20		
1,1-Dichloroethene	68.8	66.1	100	68.8	66.1	4.0	65-125	20		
Trichloroethene	88.6	96.1	100	88.6	96.1	8.1	74-134	20		
Surrogates(s)										
4-Bromofluorobenzene	484	496	500	96.8	99.2		74-121			
1,2-Dichloroethane-d4	441	470	500	88.2	94.0		70-121			
Toluene-d8	503	516	500	100.6	103.2		81-117			

SEVERN TRENT STL

Submission #: 2004-05-0762

Halogenated Volatile Organic Compounds by 8021B/8260B

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Project: P13449
Milpitas Sewage

Received: 05/20/2004 15:46

Batch QC Report

Prep(s): 5030B/5035 Test(s): 8260B

Matrix Spike (MS / MSD) **Soil** **QC Batch # 2004/05/26-1A.09**

EB-3 COMP >> MS Lab ID: 2004-05-0762 - 003

MS: 2004/05/26-1A.09-015 Extracted: 05/26/2004 Analyzed: 05/26/2004 15:35
Dilution: 1.00

MSD: 2004/05/26-1A.09-016 Extracted: 05/26/2004 Analyzed: 05/26/2004 16:01
Dilution: 1.00

Compound	Conc. ug/Kg			Spk.Level	Recovery %			Limits %		Flags	
	MS	MSD	Sample	ug/Kg	MS	MSD	RPD	Rec.	RPD	MS	MSD
1,1-Dichloroethene	62.9	61.4	ND	95.9693	65.5	66.3	1.2	65-125	20		
Trichloroethene	81.8	81.6	ND	95.9693	85.2	88.1	3.3	74-134	20		
Chlorobenzene	87.4	92.2	ND	95.9693	91.0	99.6	9.0	61-121	20		
Surrogate(s)											
4-Bromofluorobenzene	469	483		500	93.8	96.7		74-121			
1,2-Dichloroethane-d4	525	492		500	105.1	98.5		70-121			
Toluene-d8	490	492		500	98.0	98.4		81-117			

SEVERN TRENT STL

Submission #: 2004-05-0762

Total Extractable Petroleum Hydrocarbons (TEPH)

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Project: P13449
Milpitas Sewage

Received: 05/20/2004 15:46

Samples Reported

Sample Name	Date Sampled	Matrix	Lab #
EB-1 COMP	05/20/2004	Soil	1
EB-2 COMP	05/20/2004	Soil	2
EB-3 COMP	05/20/2004	Soil	3
EB-4 COMP	05/20/2004	Soil	4
EB-5 COMP	05/20/2004	Soil	5
EB-6 COMP	05/20/2004	Soil	6

SEVERN TRENT STL

Submission #: 2004-05-0762

Total Extractable Petroleum Hydrocarbons (TEPH)

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Project: P13449
Milpitas Sewage

Received: 05/20/2004 15:46

Prep(s):	3550/8015M	Test(s):	8015M
Sample ID:	**EB-1 COMP**	Lab ID:	2004-05-0762 - 1
Sampled:	05/20/2004	Extracted:	5/25/2004 19:56
Matrix:	Soil	QC Batch#:	2004/05/25-10.10

Compound	Conc.	RL	Unit	Dilution	Analyzed	Flag
Diesel	6.3	1.0	mg/Kg	1.00	05/26/2004 21:36	ldr
Motor Oil	ND	50	mg/Kg	1.00	05/26/2004 21:36	
Surrogate(s)						
o-Terphenyl	74.9	60-130	%	1.00	05/26/2004 21:36	

SEVERN TRENT STL

Submission #: 2004-05-0762

Total Extractable Petroleum Hydrocarbons (TEPH)

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Project: P13449
Milpitas Sewage

Received: 05/20/2004 15:46

Prep(s):	3550/8015M	Test(s):	8015M
Sample ID:	**EB-2 COMP**	Lab ID:	2004-05-0762 - 2
Sampled:	05/20/2004	Extracted:	5/25/2004 19:56
Matrix:	Soil	QC Batch#:	2004/05/25-10.10

Compound	Conc.	RL	Unit	Dilution	Analyzed	Flag
Diesel	5.8	1.0	mg/Kg	1.00	05/26/2004 23:19	Idr
Motor Oil	ND	50	mg/Kg	1.00	05/26/2004 23:19	
Surrogate(s)						
o-Terphenyl	88.4	60-130	%	1.00	05/26/2004 23:19	

SEVERN TRENT STL

Submission #: 2004-05-0762

Total Extractable Petroleum Hydrocarbons (TEPH)

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Prep(s):	3550/8015M	Test(s):	8015M
Sample ID:	**EB-3 COMP**	Lab ID:	2004-05-0762 - 3
Sampled:	05/20/2004	Extracted:	5/25/2004 19:56
Matrix:	Soil	QC Batch#:	2004/05/25-10.10

Compound	Conc.	RL	Unit	Dilution	Analyzed	Flag
Diesel	28	2.0	mg/Kg	2.00	05/27/2004 14:38	Idr
Motor Oil	510	100	mg/Kg	2.00	05/27/2004 14:38	
Surrogate(s)						
o-Terphenyl	71.6	60-130	%	2.00	05/27/2004 14:38	

SEVERN TRENT STL

Submission #: 2004-05-0762

Total Extractable Petroleum Hydrocarbons (TEPH)

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Project: P13449
Milpitas Sewage

Received: 05/20/2004 15:46

Prep(s): 3550/8015M
Test(s): 8015M
Sample ID: **EB-4 COMP**
Lab ID: 2004-05-0762 - 4
Sampled: 05/20/2004
Extracted: 5/25/2004 19:56
Matrix: Soil
QC Batch#: 2004/05/25-10.10

Compound	Conc.	RL	Unit	Dilution	Analyzed	Flag
Diesel	25	2.0	mg/Kg	2.00	05/27/2004 13:23	Idr
Motor Oil	380	100	mg/Kg	2.00	05/27/2004 13:23	
Surrogate(s)						
o-Terphenyl	91.6	60-130	%	2.00	05/27/2004 13:23	

SEVERN TRENT STL

Submission #: 2004-05-0762

Total Extractable Petroleum Hydrocarbons (TEPH)

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Project: P13449
Milpitas Sewage

Received: 05/20/2004 15:46

Prep(s): 3550/8015M
Test(s): 8015M
Sample ID: **EB-5 COMP**
Lab ID: 2004-05-0762 - 5
Sampled: 05/20/2004
Extracted: 5/25/2004 19:56
Matrix: Soil
QC Batch#: 2004/05/25-10.10

Compound	Conc.	RL	Unit	Dilution	Analyzed	Flag
Diesel	22	1.0	mg/Kg	1.00	05/27/2004 13:50	Idr
Motor Oil	250	50	mg/Kg	1.00	05/27/2004 13:50	
Surrogate(s)						
o-Terphenyl	92.4	60-130	%	1.00	05/27/2004 13:50	

Total Extractable Petroleum Hydrocarbons (TEPH)

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Project: P13449
Milpitas Sewage

Received: 05/20/2004 15:46

Prep(s):	3550/8015M	Test(s):	8015M
Sample ID:	**EB-6 COMP**	Lab ID:	2004-05-0762 - 6
Sampled:	05/20/2004	Extracted:	5/25/2004 19:56
Matrix:	Soil	QC Batch#:	2004/05/25-10.10

Compound	Conc.	RL	Unit	Dilution	Analyzed	Flag
Diesel	46	2.0	mg/Kg	2.00	05/27/2004 16:34	Idr
Motor Oil	220	100	mg/Kg	2.00	05/27/2004 16:34	
Surrogate(s)						
o-Terphenyl	86.6	60-130	%	2.00	05/27/2004 16:34	

Total Extractable Petroleum Hydrocarbons (TEPH)

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Project: P13449
Milpitas Sewage

Received: 05/20/2004 15:46

Batch QC Report

Prep(s): 3550/8015M — Test(s): 8015M

Method Blank — **Soil** — **QC Batch # 2004/05/25-10.10**

MB: 2004/05/25-10.10-001 — Date Extracted: 05/25/2004 19:56

Compound	Conc.	RL	Unit	Analyzed	Flag
Diesel	ND	1	mg/Kg	05/26/2004 18:01	
Motor Oil	ND	50	mg/Kg	05/26/2004 18:01	
Surrogates(s)					
o-Terphenyl	81.9	60-130	%	05/26/2004 18:01	

Total Extractable Petroleum Hydrocarbons (TEPH)

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Project: P13449
Milpitas Sewage

Received: 05/20/2004 15:46

Batch QC Report

Prep(s): 3550/8015M

Test(s): 8015M

Laboratory Control Spike **Soil** **QC Batch # 2004/05/25-10.10**

LCS 2004/05/25-10.10-002 Extracted: 05/25/2004 Analyzed: 05/26/2004 18:31
LCSD 2004/05/25-10.10-003 Extracted: 05/25/2004 Analyzed: 05/26/2004 19:02

Compound	Conc. mg/Kg		Exp.Conc.	Recovery %		RPD	Ctrl.Limits %		Flags	
	LCS	LCSD		LCS	LCSD	%	Rec.	RPD	LCS	LCSD
Diesel	35.4	35.6	41.6	85.1	85.6	0.6	60-130	25		
Surrogates(s)										
o-Terphenyl	16.6	17.0	20.0	83.2	85.1		60-130	0		

Total Extractable Petroleum Hydrocarbons (TEPH)

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Project: P13449
Milpitas Sewage

Received: 05/20/2004 15:46

Legend and Notes

Result Flag

ldr

Hydrocarbon reported is in the late Diesel range, and does not match our Diesel standard

Semi-volatile analysis by GC/MS - EPA8270C

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Project: P13449
Milpitas Sewage

Received: 05/20/2004 15:46

Samples Reported

Sample Name	Date Sampled	Matrix	Lab #
EB-3 COMP	05/20/2004	Soil	3
EB-4 COMP	05/20/2004	Soil	4
EB-5 COMP	05/20/2004	Soil	5
EB-6 COMP	05/20/2004	Soil	6

Semi-volatile analysis by GC/MS - EPA8270C

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Project: P13449
Milpitas Sewage

Received: 05/20/2004 15:46

Prep(s): 3550B/8270C
Test(s): 8270C
Sample ID: **EB-3 COMP**
Lab ID: 2004-05-0762 - 3
Sampled: 05/20/2004
Extracted: 5/26/2004 10:00
Matrix: Soil
QC Batch#: 2004/05/26-02.11
Analysis Flag: sdo,lrn (See Legend and Note Section)

Compound	Conc.	RL	Unit	Dilution	Analyzed	Flag
Phenol	ND	0.67	mg/Kg	10.00	05/28/2004 21:36	
Bis(2-chloroethyl)ether	ND	0.67	mg/Kg	10.00	05/28/2004 21:36	
2-Chlorophenol	ND	0.67	mg/Kg	10.00	05/28/2004 21:36	
1,3-Dichlorobenzene	ND	0.67	mg/Kg	10.00	05/28/2004 21:36	
1,4-Dichlorobenzene	ND	0.67	mg/Kg	10.00	05/28/2004 21:36	
Benzyl alcohol	ND	1.7	mg/Kg	10.00	05/28/2004 21:36	
1,2-Dichlorobenzene	ND	0.67	mg/Kg	10.00	05/28/2004 21:36	
2-Methylphenol	ND	0.67	mg/Kg	10.00	05/28/2004 21:36	
Bis(2-chloroisopropyl) ether	ND	0.67	mg/Kg	10.00	05/28/2004 21:36	
4-Methylphenol	ND	0.67	mg/Kg	10.00	05/28/2004 21:36	
N-Nitroso-di-n-propylamine	ND	0.67	mg/Kg	10.00	05/28/2004 21:36	
Hexachloroethane	ND	0.67	mg/Kg	10.00	05/28/2004 21:36	
Nitrobenzene	ND	0.67	mg/Kg	10.00	05/28/2004 21:36	
Isophorone	ND	0.67	mg/Kg	10.00	05/28/2004 21:36	
2-Nitrophenol	ND	0.67	mg/Kg	10.00	05/28/2004 21:36	
2,4-Dimethylphenol	ND	0.67	mg/Kg	10.00	05/28/2004 21:36	
Bis(2-chloroethoxy) methane	ND	1.7	mg/Kg	10.00	05/28/2004 21:36	
2,4-Dichlorophenol	ND	0.67	mg/Kg	10.00	05/28/2004 21:36	
1,2,4-Trichlorobenzene	ND	0.67	mg/Kg	10.00	05/28/2004 21:36	
Naphthalene	ND	0.67	mg/Kg	10.00	05/28/2004 21:36	
4-Chloroaniline	ND	3.3	mg/Kg	10.00	05/28/2004 21:36	
Hexachlorobutadiene	ND	0.67	mg/Kg	10.00	05/28/2004 21:36	
4-Chloro-3-methylphenol	ND	1.7	mg/Kg	10.00	05/28/2004 21:36	
2-Methylnaphthalene	ND	0.67	mg/Kg	10.00	05/28/2004 21:36	
Hexachlorocyclopentadiene	ND	1.7	mg/Kg	10.00	05/28/2004 21:36	
2,4,6-Trichlorophenol	ND	0.67	mg/Kg	10.00	05/28/2004 21:36	
2,4,5-Trichlorophenol	ND	0.67	mg/Kg	10.00	05/28/2004 21:36	
2-Chloronaphthalene	ND	0.67	mg/Kg	10.00	05/28/2004 21:36	
2-Nitroaniline	ND	3.3	mg/Kg	10.00	05/28/2004 21:36	

Semi-volatile analysis by GC/MS - EPA8270C

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Project: P13449
Milpitas Sewage

Received: 05/20/2004 15:46

Prep(s): 3550B/8270C
Test(s): 8270C
Sample ID: **EB-3 COMP**
Lab ID: 2004-05-0762 - 3
Sampled: 05/20/2004
Extracted: 5/26/2004 10:00
Matrix: Soil
QC Batch#: 2004/05/26-02.11
Analysis Flag: sdo,lrn (See Legend and Note Section)

Compound	Conc.	RL	Unit	Dilution	Analyzed	Flag
Dimethyl phthalate	ND	1.7	mg/Kg	10.00	05/28/2004 21:36	
Acenaphthylene	ND	0.67	mg/Kg	10.00	05/28/2004 21:36	
3-Nitroaniline	ND	0.67	mg/Kg	10.00	05/28/2004 21:36	
Acenaphthene	ND	0.67	mg/Kg	10.00	05/28/2004 21:36	
2,4-Dinitrophenol	ND	3.3	mg/Kg	10.00	05/28/2004 21:36	
4-Nitrophenol	ND	3.3	mg/Kg	10.00	05/28/2004 21:36	
Dibenzofuran	ND	0.67	mg/Kg	10.00	05/28/2004 21:36	
2,4-Dinitrotoluene	ND	0.67	mg/Kg	10.00	05/28/2004 21:36	
2,6-Dinitrotoluene	ND	0.67	mg/Kg	10.00	05/28/2004 21:36	
Diethyl phthalate	ND	1.7	mg/Kg	10.00	05/28/2004 21:36	
4-Chlorophenyl phenyl ether	ND	1.7	mg/Kg	10.00	05/28/2004 21:36	
Fluorene	ND	0.67	mg/Kg	10.00	05/28/2004 21:36	
4-Nitroaniline	ND	3.3	mg/Kg	10.00	05/28/2004 21:36	
2-Methyl-4,6-dinitrophenol	ND	3.3	mg/Kg	10.00	05/28/2004 21:36	
N-Nitrosodiphenylamine	ND	0.67	mg/Kg	10.00	05/28/2004 21:36	
4-Bromophenyl phenyl ether	ND	1.7	mg/Kg	10.00	05/28/2004 21:36	
Hexachlorobenzene	ND	0.67	mg/Kg	10.00	05/28/2004 21:36	
Pentachlorophenol	ND	3.3	mg/Kg	10.00	05/28/2004 21:36	
Phenanthrene	ND	0.67	mg/Kg	10.00	05/28/2004 21:36	
Anthracene	ND	0.67	mg/Kg	10.00	05/28/2004 21:36	
Di-n-butyl phthalate	ND	1.7	mg/Kg	10.00	05/28/2004 21:36	
Fluoranthene	ND	0.67	mg/Kg	10.00	05/28/2004 21:36	
Pyrene	ND	0.67	mg/Kg	10.00	05/28/2004 21:36	
Butyl benzyl phthalate	ND	1.7	mg/Kg	10.00	05/28/2004 21:36	
3,3-Dichlorobenzidine	ND	1.7	mg/Kg	10.00	05/28/2004 21:36	
Benzo(a)anthracene	ND	0.67	mg/Kg	10.00	05/28/2004 21:36	
bis(2-Ethylhexyl) phthalate	ND	3.3	mg/Kg	10.00	05/28/2004 21:36	
Chrysene	ND	0.67	mg/Kg	10.00	05/28/2004 21:36	
Di-n-octyl phthalate	ND	1.7	mg/Kg	10.00	05/28/2004 21:36	

SEVERN TRENT STL

Submission #: 2004-05-0762

Semi-volatile analysis by GC/MS - EPA8270C

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Project: P13449
Milpitas Sewage

Received: 05/20/2004 15:46

Prep(s): 3550B/8270C
Test(s): 8270C
Sample ID: **EB-3 COMP**
Lab ID: 2004-05-0762 - 3
Sampled: 05/20/2004
Extracted: 5/26/2004 10:00
Matrix: Soil
QC Batch#: 2004/05/26-02.11
Analysis Flag: sdo,lrn (See Legend and Note Section)

Compound	Conc.	RL	Unit	Dilution	Analyzed	Flag
Benzo(b)fluoranthene	ND	0.67	mg/Kg	10.00	05/28/2004 21:36	
Benzo(k)fluoranthene	ND	0.67	mg/Kg	10.00	05/28/2004 21:36	
Benzo(a)pyrene	ND	0.67	mg/Kg	10.00	05/28/2004 21:36	
Indeno(1,2,3-c,d)pyrene	ND	0.67	mg/Kg	10.00	05/28/2004 21:36	
Dibenzo(a,h)anthracene	ND	0.67	mg/Kg	10.00	05/28/2004 21:36	
Benzo(g,h,i)perylene	ND	0.67	mg/Kg	10.00	05/28/2004 21:36	
Benzoic acid	ND	3.3	mg/Kg	10.00	05/28/2004 21:36	
Surrogate(s)						
Nitrobenzene-d5	NA	23-120	%	10.00	05/28/2004 21:36	
2-Fluorobiphenyl	NA	30-115	%	10.00	05/28/2004 21:36	
p-Terphenyl-d14	NA	18-137	%	10.00	05/28/2004 21:36	
2-Fluorophenol	NA	25-121	%	10.00	05/28/2004 21:36	
Phenol-d5	NA	24-113	%	10.00	05/28/2004 21:36	
2,4,6-Tribromophenol	NA	19-122	%	10.00	05/28/2004 21:36	

Semi-volatile analysis by GC/MS - EPA8270C

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Project: P13449
Milpitas Sewage

Received: 05/20/2004 15:46

Prep(s): 3550B/8270C
Test(s): 8270C
Sample ID: **EB-4 COMP**
Lab ID: 2004-05-0762 - 4
Sampled: 05/20/2004
Extracted: 5/26/2004 10:00
Matrix: Soil
QC Batch#: 2004/05/26-02.11
Analysis Flag: sdo,lrn (See Legend and Note Section)

Compound	Conc.	RL	Unit	Dilution	Analyzed	Flag
Phenol	ND	1.7	mg/Kg	25.00	05/28/2004 22:05	
Bis(2-chloroethyl)ether	ND	1.7	mg/Kg	25.00	05/28/2004 22:05	
2-Chlorophenol	ND	1.7	mg/Kg	25.00	05/28/2004 22:05	
1,3-Dichlorobenzene	ND	1.7	mg/Kg	25.00	05/28/2004 22:05	
1,4-Dichlorobenzene	ND	1.7	mg/Kg	25.00	05/28/2004 22:05	
Benzyl alcohol	ND	4.3	mg/Kg	25.00	05/28/2004 22:05	
1,2-Dichlorobenzene	ND	1.7	mg/Kg	25.00	05/28/2004 22:05	
2-Methylphenol	ND	1.7	mg/Kg	25.00	05/28/2004 22:05	
Bis(2-chloroisopropyl) ether	ND	1.7	mg/Kg	25.00	05/28/2004 22:05	
4-Methylphenol	ND	1.7	mg/Kg	25.00	05/28/2004 22:05	
N-Nitroso-di-n-propylamine	ND	1.7	mg/Kg	25.00	05/28/2004 22:05	
Hexachloroethane	ND	1.7	mg/Kg	25.00	05/28/2004 22:05	
Nitrobenzene	ND	1.7	mg/Kg	25.00	05/28/2004 22:05	
Isophorone	ND	1.7	mg/Kg	25.00	05/28/2004 22:05	
2-Nitrophenol	ND	1.7	mg/Kg	25.00	05/28/2004 22:05	
2,4-Dimethylphenol	ND	1.7	mg/Kg	25.00	05/28/2004 22:05	
Bis(2-chloroethoxy) methane	ND	4.3	mg/Kg	25.00	05/28/2004 22:05	
2,4-Dichlorophenol	ND	1.7	mg/Kg	25.00	05/28/2004 22:05	
1,2,4-Trichlorobenzene	ND	1.7	mg/Kg	25.00	05/28/2004 22:05	
Naphthalene	ND	1.7	mg/Kg	25.00	05/28/2004 22:05	
4-Chloroaniline	ND	8.3	mg/Kg	25.00	05/28/2004 22:05	
Hexachlorobutadiene	ND	1.7	mg/Kg	25.00	05/28/2004 22:05	
4-Chloro-3-methylphenol	ND	4.3	mg/Kg	25.00	05/28/2004 22:05	
2-Methylnaphthalene	ND	1.7	mg/Kg	25.00	05/28/2004 22:05	
Hexachlorocyclopentadiene	ND	4.3	mg/Kg	25.00	05/28/2004 22:05	
2,4,6-Trichlorophenol	ND	1.7	mg/Kg	25.00	05/28/2004 22:05	
2,4,5-Trichlorophenol	ND	1.7	mg/Kg	25.00	05/28/2004 22:05	
2-Chloronaphthalene	ND	1.7	mg/Kg	25.00	05/28/2004 22:05	
2-Nitroaniline	ND	8.3	mg/Kg	25.00	05/28/2004 22:05	

Semi-volatile analysis by GC/MS - EPA8270C

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Project: P13449
Milpitas Sewage

Received: 05/20/2004 15:46

Prep(s): 3550B/8270C
Test(s): 8270C
Sample ID: **EB-4 COMP**
Lab ID: 2004-05-0762 - 4
Sampled: 05/20/2004
Extracted: 5/26/2004 10:00
Matrix: Soil
QC Batch#: 2004/05/26-02.11
Analysis Flag: sdo,lrn (See Legend and Note Section)

Compound	Conc.	RL	Unit	Dilution	Analyzed	Flag
Dimethyl phthalate	ND	4.3	mg/Kg	25.00	05/28/2004 22:05	
Acenaphthylene	ND	1.7	mg/Kg	25.00	05/28/2004 22:05	
3-Nitroaniline	ND	1.7	mg/Kg	25.00	05/28/2004 22:05	
Acenaphthene	ND	1.7	mg/Kg	25.00	05/28/2004 22:05	
2,4-Dinitrophenol	ND	8.3	mg/Kg	25.00	05/28/2004 22:05	
4-Nitrophenol	ND	8.3	mg/Kg	25.00	05/28/2004 22:05	
Dibenzofuran	ND	1.7	mg/Kg	25.00	05/28/2004 22:05	
2,4-Dinitrotoluene	ND	1.7	mg/Kg	25.00	05/28/2004 22:05	
2,6-Dinitrotoluene	ND	1.7	mg/Kg	25.00	05/28/2004 22:05	
Diethyl phthalate	ND	4.3	mg/Kg	25.00	05/28/2004 22:05	
4-Chlorophenyl phenyl ether	ND	4.3	mg/Kg	25.00	05/28/2004 22:05	
Fluorene	ND	1.7	mg/Kg	25.00	05/28/2004 22:05	
4-Nitroaniline	ND	8.3	mg/Kg	25.00	05/28/2004 22:05	
2-Methyl-4,6-dinitrophenol	ND	8.3	mg/Kg	25.00	05/28/2004 22:05	
N-Nitrosodiphenylamine	ND	1.7	mg/Kg	25.00	05/28/2004 22:05	
4-Bromophenyl phenyl ether	ND	4.3	mg/Kg	25.00	05/28/2004 22:05	
Hexachlorobenzene	ND	1.7	mg/Kg	25.00	05/28/2004 22:05	
Pentachlorophenol	ND	8.3	mg/Kg	25.00	05/28/2004 22:05	
Phenanthrene	ND	1.7	mg/Kg	25.00	05/28/2004 22:05	
Anthracene	ND	1.7	mg/Kg	25.00	05/28/2004 22:05	
Di-n-butyl phthalate	ND	4.3	mg/Kg	25.00	05/28/2004 22:05	
Fluoranthene	ND	1.7	mg/Kg	25.00	05/28/2004 22:05	
Pyrene	ND	1.7	mg/Kg	25.00	05/28/2004 22:05	
Butyl benzyl phthalate	ND	4.3	mg/Kg	25.00	05/28/2004 22:05	
3,3-Dichlorobenzidine	ND	4.3	mg/Kg	25.00	05/28/2004 22:05	
Benzo(a)anthracene	ND	1.7	mg/Kg	25.00	05/28/2004 22:05	
bis(2-Ethylhexyl) phthalate	ND	8.3	mg/Kg	25.00	05/28/2004 22:05	
Chrysene	ND	1.7	mg/Kg	25.00	05/28/2004 22:05	
Di-n-octyl phthalate	ND	4.3	mg/Kg	25.00	05/28/2004 22:05	

Semi-volatile analysis by GC/MS - EPA8270C

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Milpitas Sewage

Received: 05/20/2004 15:46

Prep(s): 3550B/8270C
Test(s): 8270C
Sample ID: **EB-4 COMP**
Lab ID: 2004-05-0762 - 4
Sampled: 05/20/2004
Extracted: 5/26/2004 10:00
Matrix: Soil
QC Batch#: 2004/05/26-02.11
Analysis Flag: sdo,lrn (See Legend and Note Section)

Compound	Conc.	RL	Unit	Dilution	Analyzed	Flag
Benzo(b)fluoranthene	ND	1.7	mg/Kg	25.00	05/28/2004 22:05	
Benzo(k)fluoranthene	ND	1.7	mg/Kg	25.00	05/28/2004 22:05	
Benzo(a)pyrene	ND	1.7	mg/Kg	25.00	05/28/2004 22:05	
Indeno(1,2,3-c,d)pyrene	ND	1.7	mg/Kg	25.00	05/28/2004 22:05	
Dibenzo(a,h)anthracene	ND	1.7	mg/Kg	25.00	05/28/2004 22:05	
Benzo(g,h,i)perylene	ND	1.7	mg/Kg	25.00	05/28/2004 22:05	
Benzoic acid	ND	8.3	mg/Kg	25.00	05/28/2004 22:05	
Surrogate(s)						
Nitrobenzene-d5	NA	23-120	%	25.00	05/28/2004 22:05	
2-Fluorobiphenyl	NA	30-115	%	25.00	05/28/2004 22:05	
p-Terphenyl-d14	NA	18-137	%	25.00	05/28/2004 22:05	
2-Fluorophenol	NA	25-121	%	25.00	05/28/2004 22:05	
Phenol-d5	NA	24-113	%	25.00	05/28/2004 22:05	
2,4,6-Tribromophenol	NA	19-122	%	25.00	05/28/2004 22:05	

Semi-volatile analysis by GC/MS - EPA8270C

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Project: P13449
Milpitas Sewage

Received: 05/20/2004 15:46

Prep(s): 3550B/8270C
Test(s): 8270C
Sample ID: **EB-5 COMP**
Lab ID: 2004-05-0762 - 5
Sampled: 05/20/2004
Extracted: 5/26/2004 10:00
Matrix: Soil
QC Batch#: 2004/05/26-02.11
Analysis Flag: sdo,lrn (See Legend and Note Section)

Compound	Conc.	RL	Unit	Dilution	Analyzed	Flag
Phenol	ND	0.67	mg/Kg	10.00	05/28/2004 22:33	
Bis(2-chloroethyl)ether	ND	0.67	mg/Kg	10.00	05/28/2004 22:33	
2-Chlorophenol	ND	0.67	mg/Kg	10.00	05/28/2004 22:33	
1,3-Dichlorobenzene	ND	0.67	mg/Kg	10.00	05/28/2004 22:33	
1,4-Dichlorobenzene	ND	0.67	mg/Kg	10.00	05/28/2004 22:33	
Benzyl alcohol	ND	1.7	mg/Kg	10.00	05/28/2004 22:33	
1,2-Dichlorobenzene	ND	0.67	mg/Kg	10.00	05/28/2004 22:33	
2-Methylphenol	ND	0.67	mg/Kg	10.00	05/28/2004 22:33	
Bis(2-chloroisopropyl) ether	ND	0.67	mg/Kg	10.00	05/28/2004 22:33	
4-Methylphenol	ND	0.67	mg/Kg	10.00	05/28/2004 22:33	
N-Nitroso-di-n-propylamine	ND	0.67	mg/Kg	10.00	05/28/2004 22:33	
Hexachloroethane	ND	0.67	mg/Kg	10.00	05/28/2004 22:33	
Nitrobenzene	ND	0.67	mg/Kg	10.00	05/28/2004 22:33	
Isophorone	ND	0.67	mg/Kg	10.00	05/28/2004 22:33	
2-Nitrophenol	ND	0.67	mg/Kg	10.00	05/28/2004 22:33	
2,4-Dimethylphenol	ND	0.67	mg/Kg	10.00	05/28/2004 22:33	
Bis(2-chloroethoxy) methane	ND	1.7	mg/Kg	10.00	05/28/2004 22:33	
2,4-Dichlorophenol	ND	0.67	mg/Kg	10.00	05/28/2004 22:33	
1,2,4-Trichlorobenzene	ND	0.67	mg/Kg	10.00	05/28/2004 22:33	
Naphthalene	ND	0.67	mg/Kg	10.00	05/28/2004 22:33	
4-Chloroaniline	ND	3.3	mg/Kg	10.00	05/28/2004 22:33	
Hexachlorobutadiene	ND	0.67	mg/Kg	10.00	05/28/2004 22:33	
4-Chloro-3-methylphenol	ND	1.7	mg/Kg	10.00	05/28/2004 22:33	
2-Methylnaphthalene	ND	0.67	mg/Kg	10.00	05/28/2004 22:33	
Hexachlorocyclopentadiene	ND	1.7	mg/Kg	10.00	05/28/2004 22:33	
2,4,6-Trichlorophenol	ND	0.67	mg/Kg	10.00	05/28/2004 22:33	
2,4,5-Trichlorophenol	ND	0.67	mg/Kg	10.00	05/28/2004 22:33	
2-Chloronaphthalene	ND	0.67	mg/Kg	10.00	05/28/2004 22:33	
2-Nitroaniline	ND	3.3	mg/Kg	10.00	05/28/2004 22:33	

Semi-volatile analysis by GC/MS - EPA8270C

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Project: P13449
Milpitas Sewage

Received: 05/20/2004 15:46

Prep(s): 3550B/8270C
Test(s): 8270C
Sample ID: **EB-5 COMP**
Lab ID: 2004-05-0762 - 5
Sampled: 05/20/2004
Extracted: 5/26/2004 10:00
Matrix: Soil
QC Batch#: 2004/05/26-02.11
Analysis Flag: sdo,lm (See Legend and Note Section)

Compound	Conc.	RL	Unit	Dilution	Analyzed	Flag
Dimethyl phthalate	ND	1.7	mg/Kg	10.00	05/28/2004 22:33	
Acenaphthylene	ND	0.67	mg/Kg	10.00	05/28/2004 22:33	
3-Nitroaniline	ND	0.67	mg/Kg	10.00	05/28/2004 22:33	
Acenaphthene	ND	0.67	mg/Kg	10.00	05/28/2004 22:33	
2,4-Dinitrophenol	ND	3.3	mg/Kg	10.00	05/28/2004 22:33	
4-Nitrophenol	ND	3.3	mg/Kg	10.00	05/28/2004 22:33	
Dibenzofuran	ND	0.67	mg/Kg	10.00	05/28/2004 22:33	
2,4-Dinitrotoluene	ND	0.67	mg/Kg	10.00	05/28/2004 22:33	
2,6-Dinitrotoluene	ND	0.67	mg/Kg	10.00	05/28/2004 22:33	
Diethyl phthalate	ND	1.7	mg/Kg	10.00	05/28/2004 22:33	
4-Chlorophenyl phenyl ether	ND	1.7	mg/Kg	10.00	05/28/2004 22:33	
Fluorene	ND	0.67	mg/Kg	10.00	05/28/2004 22:33	
4-Nitroaniline	ND	3.3	mg/Kg	10.00	05/28/2004 22:33	
2-Methyl-4,6-dinitrophenol	ND	3.3	mg/Kg	10.00	05/28/2004 22:33	
N-Nitrosodiphenylamine	ND	0.67	mg/Kg	10.00	05/28/2004 22:33	
4-Bromophenyl phenyl ether	ND	1.7	mg/Kg	10.00	05/28/2004 22:33	
Hexachlorobenzene	ND	0.67	mg/Kg	10.00	05/28/2004 22:33	
Pentachlorophenol	ND	3.3	mg/Kg	10.00	05/28/2004 22:33	
Phenanthrene	ND	0.67	mg/Kg	10.00	05/28/2004 22:33	
Anthracene	ND	0.67	mg/Kg	10.00	05/28/2004 22:33	
Di-n-butyl phthalate	ND	1.7	mg/Kg	10.00	05/28/2004 22:33	
Fluoranthene	ND	0.67	mg/Kg	10.00	05/28/2004 22:33	
Pyrene	ND	0.67	mg/Kg	10.00	05/28/2004 22:33	
Butyl benzyl phthalate	ND	1.7	mg/Kg	10.00	05/28/2004 22:33	
3,3-Dichlorobenzidine	ND	1.7	mg/Kg	10.00	05/28/2004 22:33	
Benzo(a)anthracene	ND	0.67	mg/Kg	10.00	05/28/2004 22:33	
bis(2-Ethylhexyl) phthalate	ND	3.3	mg/Kg	10.00	05/28/2004 22:33	
Chrysene	ND	0.67	mg/Kg	10.00	05/28/2004 22:33	
Di-n-octyl phthalate	ND	1.7	mg/Kg	10.00	05/28/2004 22:33	

SEVERN TRENT STL

Submission #: 2004-05-0762

Semi-volatile analysis by GC/MS - EPA8270C

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Project: P13449
Milpitas Sewage

Received: 05/20/2004 15:46

Prep(s): 3550B/8270C
Test(s): 8270C
Sample ID: **EB-5 COMP**
Lab ID: 2004-05-0762 - 5
Sampled: 05/20/2004
Extracted: 5/26/2004 10:00
Matrix: Soil
QC Batch#: 2004/05/26-02.11
Analysis Flag: sdo,lm (See Legend and Note Section)

Compound	Conc.	RL	Unit	Dilution	Analyzed	Flag
Benzo(b)fluoranthene	ND	0.67	mg/Kg	10.00	05/28/2004 22:33	
Benzo(k)fluoranthene	ND	0.67	mg/Kg	10.00	05/28/2004 22:33	
Benzo(a)pyrene	ND	0.67	mg/Kg	10.00	05/28/2004 22:33	
Indeno(1,2,3-c,d)pyrene	ND	0.67	mg/Kg	10.00	05/28/2004 22:33	
Dibenzo(a,h)anthracene	ND	0.67	mg/Kg	10.00	05/28/2004 22:33	
Benzo(g,h,i)perylene	ND	0.67	mg/Kg	10.00	05/28/2004 22:33	
Benzoic acid	ND	3.3	mg/Kg	10.00	05/28/2004 22:33	
Surrogate(s)						
Nitrobenzene-d5	NA	23-120	%	10.00	05/28/2004 22:33	
2-Fluorobiphenyl	NA	30-115	%	10.00	05/28/2004 22:33	
p-Terphenyl-d14	NA	18-137	%	10.00	05/28/2004 22:33	
2-Fluorophenol	NA	25-121	%	10.00	05/28/2004 22:33	
Phenol-d5	NA	24-113	%	10.00	05/28/2004 22:33	
2,4,6-Tribromophenol	NA	19-122	%	10.00	05/28/2004 22:33	

Semi-volatile analysis by GC/MS - EPA8270C

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Project: P13449
Milpitas Sewage

Received: 05/20/2004 15:46

Prep(s): 3550B/8270C
Test(s): 8270C
Sample ID: **EB-6 COMP**
Lab ID: 2004-05-0762 - 6
Sampled: 05/20/2004
Extracted: 5/26/2004 10:00
Matrix: Soil
QC Batch#: 2004/05/26-02.11
Analysis Flag: sdo,lrn (See Legend and Note Section)

Compound	Conc.	RL	Unit	Dilution	Analyzed	Flag
Phenol	ND	0.67	mg/Kg	10.00	05/28/2004 23:03	
Bis(2-chloroethyl)ether	ND	0.67	mg/Kg	10.00	05/28/2004 23:03	
2-Chlorophenol	ND	0.67	mg/Kg	10.00	05/28/2004 23:03	
1,3-Dichlorobenzene	ND	0.67	mg/Kg	10.00	05/28/2004 23:03	
1,4-Dichlorobenzene	ND	0.67	mg/Kg	10.00	05/28/2004 23:03	
Benzyl alcohol	ND	1.7	mg/Kg	10.00	05/28/2004 23:03	
1,2-Dichlorobenzene	ND	0.67	mg/Kg	10.00	05/28/2004 23:03	
2-Methylphenol	ND	0.67	mg/Kg	10.00	05/28/2004 23:03	
Bis(2-chloroisopropyl) ether	ND	0.67	mg/Kg	10.00	05/28/2004 23:03	
4-Methylphenol	ND	0.67	mg/Kg	10.00	05/28/2004 23:03	
N-Nitroso-di-n-propylamine	ND	0.67	mg/Kg	10.00	05/28/2004 23:03	
Hexachloroethane	ND	0.67	mg/Kg	10.00	05/28/2004 23:03	
Nitrobenzene	ND	0.67	mg/Kg	10.00	05/28/2004 23:03	
Isophorone	ND	0.67	mg/Kg	10.00	05/28/2004 23:03	
2-Nitrophenol	ND	0.67	mg/Kg	10.00	05/28/2004 23:03	
2,4-Dimethylphenol	ND	0.67	mg/Kg	10.00	05/28/2004 23:03	
Bis(2-chloroethoxy) methane	ND	1.7	mg/Kg	10.00	05/28/2004 23:03	
2,4-Dichlorophenol	ND	0.67	mg/Kg	10.00	05/28/2004 23:03	
1,2,4-Trichlorobenzene	ND	0.67	mg/Kg	10.00	05/28/2004 23:03	
Naphthalene	ND	0.67	mg/Kg	10.00	05/28/2004 23:03	
4-Chloroaniline	ND	3.3	mg/Kg	10.00	05/28/2004 23:03	
Hexachlorobutadiene	ND	0.67	mg/Kg	10.00	05/28/2004 23:03	
4-Chloro-3-methylphenol	ND	1.7	mg/Kg	10.00	05/28/2004 23:03	
2-Methylnaphthalene	ND	0.67	mg/Kg	10.00	05/28/2004 23:03	
Hexachlorocyclopentadiene	ND	1.7	mg/Kg	10.00	05/28/2004 23:03	
2,4,6-Trichlorophenol	ND	0.67	mg/Kg	10.00	05/28/2004 23:03	
2,4,5-Trichlorophenol	ND	0.67	mg/Kg	10.00	05/28/2004 23:03	
2-Chloronaphthalene	ND	0.67	mg/Kg	10.00	05/28/2004 23:03	
2-Nitroaniline	ND	3.3	mg/Kg	10.00	05/28/2004 23:03	

Semi-volatile analysis by GC/MS - EPA8270C

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Project: P13449
Milpitas Sewage

Received: 05/20/2004 15:46

Prep(s): 3550B/8270C
Test(s): 8270C
Sample ID: **EB-6 COMP**
Lab ID: 2004-05-0762 - 6
Sampled: 05/20/2004
Extracted: 5/26/2004 10:00
Matrix: Soil
QC Batch#: 2004/05/26-02.11
Analysis Flag: sdo,lrn (See Legend and Note Section)

Compound	Conc.	RL	Unit	Dilution	Analyzed	Flag
Dimethyl phthalate	ND	1.7	mg/Kg	10.00	05/28/2004 23:03	
Acenaphthylene	ND	0.67	mg/Kg	10.00	05/28/2004 23:03	
3-Nitroaniline	ND	0.67	mg/Kg	10.00	05/28/2004 23:03	
Acenaphthene	ND	0.67	mg/Kg	10.00	05/28/2004 23:03	
2,4-Dinitrophenol	ND	3.3	mg/Kg	10.00	05/28/2004 23:03	
4-Nitrophenol	ND	3.3	mg/Kg	10.00	05/28/2004 23:03	
Dibenzofuran	ND	0.67	mg/Kg	10.00	05/28/2004 23:03	
2,4-Dinitrotoluene	ND	0.67	mg/Kg	10.00	05/28/2004 23:03	
2,6-Dinitrotoluene	ND	0.67	mg/Kg	10.00	05/28/2004 23:03	
Diethyl phthalate	ND	1.7	mg/Kg	10.00	05/28/2004 23:03	
4-Chlorophenyl phenyl ether	ND	1.7	mg/Kg	10.00	05/28/2004 23:03	
Fluorene	ND	0.67	mg/Kg	10.00	05/28/2004 23:03	
4-Nitroaniline	ND	3.3	mg/Kg	10.00	05/28/2004 23:03	
2-Methyl-4,6-dinitrophenol	ND	3.3	mg/Kg	10.00	05/28/2004 23:03	
N-Nitrosodiphenylamine	ND	0.67	mg/Kg	10.00	05/28/2004 23:03	
4-Bromophenyl phenyl ether	ND	1.7	mg/Kg	10.00	05/28/2004 23:03	
Hexachlorobenzene	ND	0.67	mg/Kg	10.00	05/28/2004 23:03	
Pentachlorophenol	ND	3.3	mg/Kg	10.00	05/28/2004 23:03	
Phenanthrene	ND	0.67	mg/Kg	10.00	05/28/2004 23:03	
Anthracene	ND	0.67	mg/Kg	10.00	05/28/2004 23:03	
Di-n-butyl phthalate	ND	1.7	mg/Kg	10.00	05/28/2004 23:03	
Fluoranthene	ND	0.67	mg/Kg	10.00	05/28/2004 23:03	
Pyrene	ND	0.67	mg/Kg	10.00	05/28/2004 23:03	
Butyl benzyl phthalate	ND	1.7	mg/Kg	10.00	05/28/2004 23:03	
3,3-Dichlorobenzidine	ND	1.7	mg/Kg	10.00	05/28/2004 23:03	
Benzo(a)anthracene	ND	0.67	mg/Kg	10.00	05/28/2004 23:03	
bis(2-Ethylhexyl) phthalate	ND	3.3	mg/Kg	10.00	05/28/2004 23:03	
Chrysene	ND	0.67	mg/Kg	10.00	05/28/2004 23:03	
Di-n-octyl phthalate	ND	1.7	mg/Kg	10.00	05/28/2004 23:03	

Semi-volatile analysis by GC/MS - EPA8270C

Lowney & Associates Mountain View
Attn.: Stason Foster

405 Clyde Ave
Mountain View, CA 94043-2209
Phone: (650) 967-2365 Fax: (650) 967-2785

Project: P13449
Milpitas Sewage

Received: 05/20/2004 15:46

Prep(s):	3550B/8270C	Test(s):	8270C
Sample ID:	**EB-6 COMP**	Lab ID:	2004-05-0762 - 6
Sampled:	05/20/2004	Extracted:	5/26/2004 10:00
Matrix:	Soil	QC Batch#:	2004/05/26-02.11

Analysis Flag: sdo,lrn (See Legend and Note Section)

Compound	Conc.	RL	Unit	Dilution	Analyzed	Flag
Benzo(b)fluoranthene	ND	0.67	mg/Kg	10.00	05/28/2004 23:03	
Benzo(k)fluoranthene	ND	0.67	mg/Kg	10.00	05/28/2004 23:03	
Benzo(a)pyrene	ND	0.67	mg/Kg	10.00	05/28/2004 23:03	
Indeno(1,2,3-c,d)pyrene	ND	0.67	mg/Kg	10.00	05/28/2004 23:03	
Dibenzo(a,h)anthracene	ND	0.67	mg/Kg	10.00	05/28/2004 23:03	
Benzo(g,h,i)perylene	ND	0.67	mg/Kg	10.00	05/28/2004 23:03	
Benzoic acid	ND	3.3	mg/Kg	10.00	05/28/2004 23:03	
Surrogate(s)						
Nitrobenzene-d5	NA	23-120	%	10.00	05/28/2004 23:03	
2-Fluorobiphenyl	NA	30-115	%	10.00	05/28/2004 23:03	
p-Terphenyl-d14	NA	18-137	%	10.00	05/28/2004 23:03	
2-Fluorophenol	NA	25-121	%	10.00	05/28/2004 23:03	
Phenol-d5	NA	24-113	%	10.00	05/28/2004 23:03	
2,4,6-Tribromophenol	NA	19-122	%	10.00	05/28/2004 23:03	

Semi-volatile analysis by GC/MS - EPA8270C

Lowney & Associates Mountain View
Attn.: Stason Foster

405 Clyde Ave
Mountain View, CA 94043-2209
Phone: (650) 967-2365 Fax: (650) 967-2785

Project: P13449
Milpitas Sewage

Received: 05/20/2004 15:46

Batch QC Report

Prep(s): 3550B/8270C — Test(s): 8270C

Method Blank — **Soil** — **QC Batch # 2004/05/26-02.11**

MB: 2004/05/26-02.11-001 — Date Extracted: 05/26/2004 10:00

Compound	Conc.	RL	Unit	Analyzed	Flag
Phenol	ND	0.067	mg/Kg	05/26/2004 17:37	
Bis(2-chloroethyl)ether	ND	0.067	mg/Kg	05/26/2004 17:37	
2-Chlorophenol	ND	0.067	mg/Kg	05/26/2004 17:37	
1,3-Dichlorobenzene	ND	0.067	mg/Kg	05/26/2004 17:37	
1,4-Dichlorobenzene	ND	0.067	mg/Kg	05/26/2004 17:37	
Benzyl alcohol	ND	0.17	mg/Kg	05/26/2004 17:37	
1,2-Dichlorobenzene	ND	0.067	mg/Kg	05/26/2004 17:37	
2-Methylphenol	ND	0.067	mg/Kg	05/26/2004 17:37	
Bis(2-chloroisopropyl) ether	ND	0.067	mg/Kg	05/26/2004 17:37	
4-Methylphenol	ND	0.067	mg/Kg	05/26/2004 17:37	
N-Nitroso-di-n-propylamine	ND	0.067	mg/Kg	05/26/2004 17:37	
Hexachloroethane	ND	0.067	mg/Kg	05/26/2004 17:37	
Nitrobenzene	ND	0.067	mg/Kg	05/26/2004 17:37	
Isophorone	ND	0.067	mg/Kg	05/26/2004 17:37	
2-Nitrophenol	ND	0.067	mg/Kg	05/26/2004 17:37	
2,4-Dimethylphenol	ND	0.067	mg/Kg	05/26/2004 17:37	
Bis(2-chloroethoxy) methane	ND	0.17	mg/Kg	05/26/2004 17:37	
2,4-Dichlorophenol	ND	0.067	mg/Kg	05/26/2004 17:37	
1,2,4-Trichlorobenzene	ND	0.067	mg/Kg	05/26/2004 17:37	
Naphthalene	ND	0.067	mg/Kg	05/26/2004 17:37	
4-Chloroaniline	ND	0.330	mg/Kg	05/26/2004 17:37	
Hexachlorobutadiene	ND	0.067	mg/Kg	05/26/2004 17:37	
4-Chloro-3-methylphenol	ND	0.17	mg/Kg	05/26/2004 17:37	
2-Methylnaphthalene	ND	0.067	mg/Kg	05/26/2004 17:37	
Hexachlorocyclopentadiene	ND	0.17	mg/Kg	05/26/2004 17:37	
2,4,6-Trichlorophenol	ND	0.067	mg/Kg	05/26/2004 17:37	
2,4,5-Trichlorophenol	ND	0.067	mg/Kg	05/26/2004 17:37	
2-Chloronaphthalene	ND	0.067	mg/Kg	05/26/2004 17:37	
2-Nitroaniline	ND	0.33	mg/Kg	05/26/2004 17:37	
Dimethyl phthalate	ND	0.17	mg/Kg	05/26/2004 17:37	

Semi-volatile analysis by GC/MS - EPA8270C

Lowney & Associates Mountain View
Attn.: Stason Foster

405 Clyde Ave
Mountain View, CA 94043-2209
Phone: (650) 967-2365 Fax: (650) 967-2785

Project: P13449
Milpitas Sewage

Received: 05/20/2004 15:46

Batch QC Report

Prep(s): 3550B/8270C
Method Blank **Soil**
MB: 2004/05/26-02.11-001

Test(s): 8270C
QC Batch # 2004/05/26-02.11
Date Extracted: 05/26/2004 10:00

Compound	Conc.	RL	Unit	Analyzed	Flag
Acenaphthylene	ND	0.067	mg/Kg	05/26/2004 17:37	
3-Nitroaniline	ND	0.067	mg/Kg	05/26/2004 17:37	
Acenaphthene	ND	0.067	mg/Kg	05/26/2004 17:37	
2,4-Dinitrophenol	ND	0.33	mg/Kg	05/26/2004 17:37	
4-Nitrophenol	ND	0.33	mg/Kg	05/26/2004 17:37	
Dibenzofuran	ND	0.067	mg/Kg	05/26/2004 17:37	
2,4-Dinitrotoluene	ND	0.067	mg/Kg	05/26/2004 17:37	
2,6-Dinitrotoluene	ND	0.067	mg/Kg	05/26/2004 17:37	
Diethyl phthalate	ND	0.17	mg/Kg	05/26/2004 17:37	
4-Chlorophenyl phenyl ether	ND	0.17	mg/Kg	05/26/2004 17:37	
Fluorene	ND	0.067	mg/Kg	05/26/2004 17:37	
4-Nitroaniline	ND	0.33	mg/Kg	05/26/2004 17:37	
2-Methyl-4,6-dinitrophenol	ND	0.33	mg/Kg	05/26/2004 17:37	
N-Nitrosodiphenylamine	ND	0.067	mg/Kg	05/26/2004 17:37	
4-Bromophenyl phenyl ether	ND	0.17	mg/Kg	05/26/2004 17:37	
Hexachlorobenzene	ND	0.067	mg/Kg	05/26/2004 17:37	
Pentachlorophenol	ND	0.33	mg/Kg	05/26/2004 17:37	
Phenanthrene	ND	0.067	mg/Kg	05/26/2004 17:37	
Anthracene	ND	0.067	mg/Kg	05/26/2004 17:37	
Di-n-butyl phthalate	ND	0.17	mg/Kg	05/26/2004 17:37	
Fluoranthene	ND	0.067	mg/Kg	05/26/2004 17:37	
Pyrene	ND	0.067	mg/Kg	05/26/2004 17:37	
Butyl benzyl phthalate	ND	0.17	mg/Kg	05/26/2004 17:37	
3,3-Dichlorobenzidine	ND	0.17	mg/Kg	05/26/2004 17:37	
Benzo(a)anthracene	ND	0.067	mg/Kg	05/26/2004 17:37	
bis(2-Ethylhexyl) phthalate	ND	0.33	mg/Kg	05/26/2004 17:37	
Chrysene	ND	0.067	mg/Kg	05/26/2004 17:37	
Di-n-octyl phthalate	ND	0.17	mg/Kg	05/26/2004 17:37	
Benzo(b)fluoranthene	ND	0.067	mg/Kg	05/26/2004 17:37	
Benzo(k)fluoranthene	ND	0.067	mg/Kg	05/26/2004 17:37	
Benzo(a)pyrene	ND	0.067	mg/Kg	05/26/2004 17:37	

SEVERN TRENT STL

Submission #: 2004-05-0762

Semi-volatile analysis by GC/MS - EPA8270C

Lowney & Associates Mountain View
Attn.: Stason Foster

405 Clyde Ave
Mountain View, CA 94043-2209
Phone: (650) 967-2365 Fax: (650) 967-2785

Project: P13449
Milpitas Sewage

Received: 05/20/2004 15:46

Batch QC Report

Prep(s): 3550B/8270C
Method Blank Soil
MB: 2004/05/26-02.11-001

Test(s): 8270C
QC Batch # 2004/05/26-02.11
Date Extracted: 05/26/2004 10:00

Compound	Conc.	RL	Unit	Analyzed	Flag
Indeno(1,2,3-c,d)pyrene	ND	0.067	mg/Kg	05/26/2004 17:37	
Dibenzo(a,h)anthracene	ND	0.067	mg/Kg	05/26/2004 17:37	
Benzo(g,h,i)perylene	ND	0.067	mg/Kg	05/26/2004 17:37	
Benzoic acid	ND	0.33	mg/Kg	05/26/2004 17:37	
Surrogates(s)					
Nitrobenzene-d5	68.0	23-120	%	05/26/2004 17:37	
2-Fluorobiphenyl	62.8	30-115	%	05/26/2004 17:37	
p-Terphenyl-d14	91.6	18-137	%	05/26/2004 17:37	
2-Fluorophenol	69.7	25-121	%	05/26/2004 17:37	
Phenol-d5	65.8	24-113	%	05/26/2004 17:37	
2,4,6-Tribromophenol	61.0	19-122	%	05/26/2004 17:37	

Semi-volatile analysis by GC/MS - EPA8270C

Lowney & Associates Mountain View
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Project: P13449
Milpitas Sewage

Received: 05/20/2004 15:46

Batch QC Report

Prep(s): 3550B/8270C

Test(s): 8270C

Laboratory Control Spike **Soil** **QC Batch # 2004/05/26-02.11**

LCS 2004/05/26-02.11-002 Extracted: 05/26/2004 Analyzed: 05/26/2004 18:06
LCSD 2004/05/26-02.11-003 Extracted: 05/26/2004 Analyzed: 05/26/2004 18:35

Compound	Conc. mg/Kg		Exp.Conc.	Recovery %		RPD	Ctrl.Limits %		Flags	
	LCS	LCSD		LCS	LCSD	%	Rec.	RPD	LCS	LCSD
Phenol	1.29	1.43	1.99	64.8	71.9	10.4	20-90	35		
2-Chlorophenol	1.46	1.57	1.99	73.4	78.9	7.2	27-123	35		
1,4-Dichlorobenzene	0.710	0.840	0.995	71.4	84.3	16.6	28-104	30		
N-Nitroso-di-n-propylamine	0.630	0.690	0.995	63.3	69.2	8.9	25-114	39		
1,2,4-Trichlorobenzene	0.700	0.790	0.995	70.4	79.2	11.8	38-107	35		
4-Chloro-3-methylphenol	1.41	1.56	1.99	70.9	78.4	10.0	26-103	33		
Acenaphthene	0.800	0.780	0.995	80.4	78.2	2.8	49-102	30		
4-Nitrophenol	1.26	1.38	1.99	63.3	69.3	9.0	17-109	35		
2,4-Dinitrotoluene	0.820	0.810	0.995	82.4	81.2	1.5	39-139	38		
Pentachlorophenol	1.40	1.45	1.99	70.4	72.9	3.5	11-114	35		
Pyrene	0.950	1.03	0.995	95.5	103.3	7.8	25-117	35		
Surrogates(s)										
Nitrobenzene-d5	15.9	17.5	25	63.6	70.0		23-120			
2-Fluorobiphenyl	16.4	15.9	25	65.6	63.6		30-115			
p-Terphenyl-d14	24.7	23.7	25	98.8	94.8		18-137			
2-Fluorophenol	30.0	33.5	50	60.0	67.0		25-121			
Phenol-d5	34.4	36.6	50	68.8	73.2		24-113			
2,4,6-Tribromophenol	38.5	38.1	50	77.0	76.2		19-122			

Semi-volatile analysis by GC/MS - EPA8270C

Lowney & Associates Mountain View
Attn.: Stason Foster

405 Clyde Ave
Mountain View, CA 94043-2209
Phone: (650) 967-2365 Fax: (650) 967-2785

Project: P13449
Milpitas Sewage

Received: 05/20/2004 15:46

Legend and Notes

Analysis Flag

lrn

Reporting limits raised due to high level of non-target analyte materials.

sdo

Surrogate(s) diluted out

LOWNEY ASSOCIATES
Environmental/Geotechnical/Engineering Services

Mountain View Office
405 Clyde Ave.
Mountain View 94043
Tel: 650.967.2365
Fax: 650.962.2365

☐ **Oakland Office**
167 Filbert St.
Oakland 94607
Tel: 510.267.1970
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☐ **Fullerton Office**
251 E. Imperial Hwy. #470
Fullerton 92835
Tel: 714.441.3098
Fax: 714.441.3091

☐ **San Ramon Office**
2258 Camino Ramon
San Ramon 94583
Tel: 925.275.2555
Fax: 925.275.2555

2004-05-0762

CHAIN OF CUSTODY RECORD

Project Name: Milpitas Sewage
Job No.: ~~[illegible]~~ P13449
Report To: Stason Foster
Sampler (print): Gwen Erikson
Sampler (signature): [signature]
Electronic Deliverable Format Required: ☐ YES ☐ NO
EDF LOGCODE: ☐ LAMV ☐ LAO ☐ LAF
Global ID # :

Turnaround Requirements
☒ 5 Working Days
☐ 48 Hours
☐ 24 Hours
☐ 2-3 Hours RUSH
☐ _____

QC Requirement:
☒ Level A (standard)

ANALYSES REQUESTED Ref: 86104

Sample I.D. (Field Point Name)	Date	Time	Lab I.D.	Sample Matrix	No. of Cont.	TPH as gas/BTEX/MTBE Method: DB015/8021 ☒ 8260	TPH as diesel (8015M) Cadd Oil Range ☒ Cadd Silica gel column	TRPH (418.1) with silica gel column	Halogenated VOCs (former 8010 list) Method: DB021 DB260 Cadd BTEX	Organochlorine Pesticides (8081)	Metals: DAs, Pb, Hg 17 CAM	Fuel Oxygenates (MTBE, ETBE, TAME, DIPE, TBA, 1,2-DCA, and EDB) by 8260	PAHs (8310)	PCBs (8082)				
EB-1 COMP	5/20/04	AM		G	1	1	1			1	1							
EB-2 COMP	↓	↓		↓	1	1	1			1	1							
EB-3 COMP					1	1	1			1	1							
EB-4 COMP					1	1	1			1	1							
EB-5 COMP					1	1	1			1	1							Remarks
EB-6 COMP	↓	↓		↓	1	1	1			1	1							

Relinquished By: [signature]	Date: 5/20/04	Time: 1132	Received By: [signature]	Date: 5/20/04	Time: 1421	PM Initial:
Relinquished By: [signature]	Date: 5/20/04	Time: 1546	Received By: LAB [signature]	Date: 5/20/04	Time: 1546	
Relinquished By:	Date:	Time:	Lab of Record: STL-ST			Temp: 2°C
			Received by Lab:	Date:	Time:	

SEVERN TRENT STL

Submission#: 2004-05-0900

Lowney & Associates Mountain View

June 08, 2004

405 Clyde Ave
Mountain View, CA 94043-2209
Attn.: Stason Foster

Project#: 869-4A
Project: Milpitas Sewage (Mil. Sewage)

Dear Mr. Foster,

Attached is our report for your samples received on 05/25/2004 17:53
This report has been reviewed and approved for release. Reproduction of this report is permitted only in its entirety.

Please note that any unused portion of the samples will be discarded after 07/09/2004 unless you have requested otherwise.
We appreciate the opportunity to be of service to you. If you have any questions, please call me at (925) 484-1919.
You can also contact me via email. My email address is: asalimpour@stl-inc.com

Sincerely,

Afsaneh Salimpour
Project Manager

SEVERN TRENT STL

Submission #: 2004-05-0900

pH

Lowney & Associates Mountain View
Attn.: Stason Foster

405 Clyde Ave
Mountain View, CA 94043-2209
Phone: (650) 967-2365 Fax: (650) 967-2785

Project: 869-4A
Milpitas Sewage (Mil. Sewage)

Received: 05/25/2004 17:53

Samples Reported

Sample Name	Date Sampled	Matrix	Lab #
BLD-3A	05/21/2004	Water	1
BLD-3A	05/21/2004	Soil	2
BLD-3B	05/21/2004	Water	3
BLD-3B	05/21/2004	Soil	4
BLD-8A	05/21/2004	Water	5
BLD-8B	05/21/2004	Water	6
BLD-9A	05/21/2004	Water	7
BLD-8A	05/24/2004	Soil	8
BLD-8B	05/24/2004	Soil	9
BLD-9B	05/24/2004	Water	10
BLD-9B	05/24/2004	Soil	11
BLD-9C	05/24/2004	Water	12
BLD-9C	05/24/2004	Soil	13
BLD-10A	05/24/2004	Water	14
BLD-10A	05/24/2004	Soil	15
BLD-10B	05/24/2004	Water	16
BLD-10B	05/24/2004	Soil	17
BLD-9A	05/24/2004 14:58	Soil	18

pH

Lowney & Associates Mountain View
Attn.: Stason Foster

405 Clyde Ave
Mountain View, CA 94043-2209
Phone: (650) 967-2365 Fax: (650) 967-2785

Project: 869-4A
Milpitas Sewage (Mil. Sewage)

Received: 05/25/2004 17:53

Prep(s):	9040B/150.1	Test(s):	9040B/150.1
Sample ID:	**BLD-3A**	Lab ID:	2004-05-0900 - 1
Sampled:	05/21/2004	Extracted:	5/25/2004 18:47
Matrix:	Water	QC Batch#:	2004/05/25-01.22

Analysis Flag: HT (See Legend and Note Section)

Compound	Conc.	RL	Unit	Dilution	Analyzed	Flag
pH	8.1	0.1	SU	1.00	05/25/2004 18:47	

pH

Lowney & Associates Mountain View
Attn.: Stason Foster

405 Clyde Ave
Mountain View, CA 94043-2209
Phone: (650) 967-2365 Fax: (650) 967-2785

Project: 869-4A
Milpitas Sewage (Mil. Sewage)

Received: 05/25/2004 17:53

Prep(s):	9045C	Test(s):	9045C
Sample ID:	**BLD-3A**	Lab ID:	2004-05-0900 - 2
Sampled:	05/21/2004	Extracted:	5/28/2004 10:43
Matrix:	Soil	QC Batch#:	2004/05/28-01.22

Compound	Conc.	RL	Unit	Dilution	Analyzed	Flag
pH	7.2	0.1	SU	1.00	05/28/2004 10:43	

pH

Lowney & Associates Mountain View
Attn.: Stason Foster

405 Clyde Ave
Mountain View, CA 94043-2209
Phone: (650) 967-2365 Fax: (650) 967-2785

Project: 869-4A
Milpitas Sewage (Mil. Sewage)

Received: 05/25/2004 17:53

Prep(s):	9040B/150.1	Test(s):	9040B/150.1
Sample ID:	**BLD-3B**	Lab ID:	2004-05-0900 - 3
Sampled:	05/21/2004	Extracted:	5/25/2004 18:56
Matrix:	Water	QC Batch#:	2004/05/25-01.22

Analysis Flag: HT (See Legend and Note Section)

Compound	Conc.	RL	Unit	Dilution	Analyzed	Flag
pH	7.5	0.1	SU	1.00	05/25/2004 18:56	

pH

Lowney & Associates Mountain View
Attn.: Stason Foster

405 Clyde Ave
Mountain View, CA 94043-2209
Phone: (650) 967-2365 Fax: (650) 967-2785

Project: 869-4A
Milpitas Sewage (Mil. Sewage)

Received: 05/25/2004 17:53

Prep(s):	9045C	Test(s):	9045C
Sample ID:	**BLD-3B**	Lab ID:	2004-05-0900 - 4
Sampled:	05/21/2004	Extracted:	5/28/2004 10:43
Matrix:	Soil	QC Batch#:	2004/05/28-01.22

Compound	Conc.	RL	Unit	Dilution	Analyzed	Flag
pH	8.3	0.1	SU	1.00	05/28/2004 10:43	

pH

Lowney & Associates Mountain View
Attn.: Stason Foster

405 Clyde Ave
Mountain View, CA 94043-2209
Phone: (650) 967-2365 Fax: (650) 967-2785

Project: 869-4A
Milpitas Sewage (Mil. Sewage)

Received: 05/25/2004 17:53

Prep(s): 9040B/150.1 Test(s): 9040B/150.1
Sample ID: **BLD-8A** Lab ID: 2004-05-0900 - 5
Sampled: 05/21/2004 Extracted: 5/25/2004 18:52
Matrix: Water QC Batch#: 2004/05/25-01.22
Analysis Flag: HT (See Legend and Note Section)

Compound	Conc.	RL	Unit	Dilution	Analyzed	Flag
pH	7.4	0.1	SU	1.00	05/25/2004 18:52	

pH

Lowney & Associates Mountain View
Attn.: Stason Foster

405 Clyde Ave
Mountain View, CA 94043-2209
Phone: (650) 967-2365 Fax: (650) 967-2785

Project: 869-4A
Milpitas Sewage (Mil. Sewage)

Received: 05/25/2004 17:53

Prep(s): 9040B/150.1 Test(s): 9040B/150.1
Sample ID: **BLD-8B** Lab ID: 2004-05-0900 - 6
Sampled: 05/21/2004 Extracted: 5/25/2004 19:00
Matrix: Water QC Batch#: 2004/05/25-02.22
Analysis Flag: HT (See Legend and Note Section)

Compound	Conc.	RL	Unit	Dilution	Analyzed	Flag
pH	6.7	0.1	SU	1.00	05/25/2004 19:00	

pH

Lowney & Associates Mountain View
Attn.: Stason Foster

405 Clyde Ave
Mountain View, CA 94043-2209
Phone: (650) 967-2365 Fax: (650) 967-2785

Project: 869-4A
Milpitas Sewage (Mil. Sewage)

Received: 05/25/2004 17:53

Prep(s):	9040B/150.1	Test(s):	9040B/150.1
Sample ID:	**BLD-9A**	Lab ID:	2004-05-0900 - 7
Sampled:	05/21/2004	Extracted:	5/25/2004 19:02
Matrix:	Water	QC Batch#:	2004/05/25-02.22

Analysis Flag: HT (See Legend and Note Section)

Compound	Conc.	RL	Unit	Dilution	Analyzed	Flag
pH	6.6	0.1	SU	1.00	05/25/2004 19:02	

pH

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Project: 869-4A
Milpitas Sewage (Mil. Sewage)

Received: 05/25/2004 17:53

Prep(s):	9045C	Test(s):	9045C
Sample ID:	**BLD-8A**	Lab ID:	2004-05-0900 - 8
Sampled:	05/24/2004	Extracted:	5/28/2004 10:43
Matrix:	Soil	QC Batch#:	2004/05/28-01.22

Compound	Conc.	RL	Unit	Dilution	Analyzed	Flag
pH	8.1	0.1	SU	1.00	05/28/2004 10:43	

pH

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Project: 869-4A
Milpitas Sewage (Mil. Sewage)

Received: 05/25/2004 17:53

Prep(s): 9045C
Test(s): 9045C
Sample ID: **BLD-8B**
Lab ID: 2004-05-0900 - 9
Sampled: 05/24/2004
Extracted: 5/28/2004 10:43
Matrix: Soil
QC Batch#: 2004/05/28-01.22

Compound	Conc.	RL	Unit	Dilution	Analyzed	Flag
pH	6.7	0.1	SU	1.00	05/28/2004 10:43	

pH

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Project: 869-4A
Milpitas Sewage (Mil. Sewage)

Received: 05/25/2004 17:53

Prep(s): 9040B/150.1
Test(s): 9040B/150.1
Sample ID: **BLD-9B**
Lab ID: 2004-05-0900 - 10
Sampled: 05/24/2004
Extracted: 5/25/2004 19:07
Matrix: Water
QC Batch#: 2004/05/25-02.22
Analysis Flag: HT (See Legend and Note Section)

Compound	Conc.	RL	Unit	Dilution	Analyzed	Flag
pH	7.9	0.1	SU	1.00	05/25/2004 19:07	

pH

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Project: 869-4A
Milpitas Sewage (Mil. Sewage)

Received: 05/25/2004 17:53

Prep(s): 9045C
Test(s): 9045C
Sample ID: **BLD-9B**
Lab ID: 2004-05-0900 - 11
Sampled: 05/24/2004
Extracted: 5/28/2004 10:43
Matrix: Soil
QC Batch#: 2004/05/28-01.22

Compound	Conc.	RL	Unit	Dilution	Analyzed	Flag
pH	7.8	0.1	SU	1.00	05/28/2004 10:43	

pH

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Project: 869-4A
Milpitas Sewage (Mil. Sewage)

Received: 05/25/2004 17:53

Prep(s): 9040B/150.1
Test(s): 9040B/150.1
Sample ID: **BLD-9C**
Lab ID: 2004-05-0900 - 12
Sampled: 05/24/2004
Extracted: 5/25/2004 18:54
Matrix: Water
QC Batch#: 2004/05/25-01.22
Analysis Flag: HT (See Legend and Note Section)

Compound	Conc.	RL	Unit	Dilution	Analyzed	Flag
pH	6.8	0.1	SU	1.00	05/25/2004 18:54	

pH

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Project: 869-4A
Milpitas Sewage (Mil. Sewage)

Received: 05/25/2004 17:53

Prep(s): 9045C
Test(s): 9045C
Sample ID: **BLD-9C**
Lab ID: 2004-05-0900 - 13
Sampled: 05/24/2004
Extracted: 5/28/2004 10:43
Matrix: Soil
QC Batch#: 2004/05/28-01.22

Compound	Conc.	RL	Unit	Dilution	Analyzed	Flag
pH	7.5	0.1	SU	1.00	05/28/2004 10:43	

pH

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Project: 869-4A
Milpitas Sewage (Mil. Sewage)

Received: 05/25/2004 17:53

Prep(s): 9040B/150.1
Test(s): 9040B/150.1
Sample ID: **BLD-10A**
Lab ID: 2004-05-0900 - 14
Sampled: 05/24/2004
Extracted: 5/25/2004 18:49
Matrix: Water
QC Batch#: 2004/05/25-01.22
Analysis Flag: HT (See Legend and Note Section)

Compound	Conc.	RL	Unit	Dilution	Analyzed	Flag
pH	8.3	0.1	SU	1.00	05/25/2004 18:49	

pH

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Project: 869-4A
Milpitas Sewage (Mil. Sewage)

Received: 05/25/2004 17:53

Prep(s):	9045C	Test(s):	9045C
Sample ID:	**BLD-10A**	Lab ID:	2004-05-0900 - 15
Sampled:	05/24/2004	Extracted:	5/28/2004 10:43
Matrix:	Soil	QC Batch#:	2004/05/28-01.22

Compound	Conc.	RL	Unit	Dilution	Analyzed	Flag
pH	7.1	0.1	SU	1.00	05/28/2004 10:43	

pH

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Project: 869-4A
Milpitas Sewage (Mil. Sewage)

Received: 05/25/2004 17:53

Prep(s):	9040B/150.1	Test(s):	9040B/150.1
Sample ID:	**BLD-10B**	Lab ID:	2004-05-0900 - 16
Sampled:	05/24/2004	Extracted:	5/25/2004 18:45
Matrix:	Water	QC Batch#:	2004/05/25-01.22

Analysis Flag: HT (See Legend and Note Section)

Compound	Conc.	RL	Unit	Dilution	Analyzed	Flag
pH	7.6	0.1	SU	1.00	05/25/2004 18:45	

pH

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Project: 869-4A
Milpitas Sewage (Mil. Sewage)

Received: 05/25/2004 17:53

Prep(s):	9045C	Test(s):	9045C
Sample ID:	**BLD-10B**	Lab ID:	2004-05-0900 - 17
Sampled:	05/24/2004	Extracted:	5/28/2004 10:43
Matrix:	Soil	QC Batch#:	2004/05/28-01.22

Compound	Conc.	RL	Unit	Dilution	Analyzed	Flag
pH	7.8	0.1	SU	1.00	05/28/2004 10:43	

pH

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Project: 869-4A
Milpitas Sewage (Mil. Sewage)

Received: 05/25/2004 17:53

Prep(s):	9045C	Test(s):	9045C
Sample ID:	**BLD-9A**	Lab ID:	2004-05-0900 - 18
Sampled:	05/24/2004 14:58	Extracted:	5/28/2004 10:43
Matrix:	Soil	QC Batch#:	2004/05/28-01.22

Compound	Conc.	RL	Unit	Dilution	Analyzed	Flag
pH	7.1	0.1	SU	1.00	05/28/2004 10:43	

pH

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Project: 869-4A
Milpitas Sewage (Mil. Sewage)

Received: 05/25/2004 17:53

Batch QC Report

Prep(s): 9045C — Test(s): 9045C

Method Blank — **Soil** — **QC Batch # 2004/05/25-01.22**

MB: 2004/05/25-01.22-001 — Date Extracted: 05/25/2004

Compound	Conc.	RL	Unit	Analyzed	Flag
pH	7.08	0.1	SU	05/25/2004	

pH

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Project: 869-4A
Milpitas Sewage (Mil. Sewage)

Received: 05/25/2004 17:53

Batch QC Report

Prep(s): 9040B/150.1 — Test(s): 9040B/150.1

Method Blank — **Water** — **QC Batch # 2004/05/25-02.22**

MB: 2004/05/25-02.22-001 — Date Extracted: 05/25/2004

Compound	Conc.	RL	Unit	Analyzed	Flag
pH	7.09	0.1	SU	05/25/2004	

pH

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Project: 869-4A
Milpitas Sewage (Mil. Sewage)

Received: 05/25/2004 17:53

Batch QC Report

Prep(s): 9045C
Method Blank
MB: 2004/05/28-01.22-001

Soil

Test(s): 9045C
QC Batch # 2004/05/28-01.22
Date Extracted: 05/28/2004

Compound	Conc.	RL	Unit	Analyzed	Flag
pH	7.04	0.1	SU	05/28/2004	

pH

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Project: 869-4A
Milpitas Sewage (Mil. Sewage)

Received: 05/25/2004 17:53

Legend and Notes

Analysis Flag

HT

Extracted out of holding time

Total Extractable Petroleum Hydrocarbons (TEPH)

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Project: 869-4A
Milpitas Sewage (Mil. Sewage)

Received: 05/25/2004 17:53

Samples Reported

Sample Name	Date Sampled	Matrix	Lab #
BLD-3A	05/21/2004	Water	1
BLD-3A	05/21/2004	Soil	2
BLD-3B	05/21/2004	Water	3
BLD-3B	05/21/2004	Soil	4
BLD-8A	05/21/2004	Water	5
BLD-8B	05/21/2004	Water	6
BLD-9A	05/21/2004	Water	7
BLD-8A	05/24/2004	Soil	8
BLD-8B	05/24/2004	Soil	9
BLD-9B	05/24/2004	Water	10
BLD-9B	05/24/2004	Soil	11
BLD-9C	05/24/2004	Water	12
BLD-9C	05/24/2004	Soil	13
BLD-10A	05/24/2004	Water	14
BLD-10A	05/24/2004	Soil	15
BLD-10B	05/24/2004	Water	16
BLD-10B	05/24/2004	Soil	17
BLD-9A	05/24/2004 14:58	Soil	18

Total Extractable Petroleum Hydrocarbons (TEPH)

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Project: 869-4A
Milpitas Sewage (Mil. Sewage)

Received: 05/25/2004 17:53

Prep(s):	3510/8015M	Test(s):	8015M
Sample ID:	**BLD-3A**	Lab ID:	2004-05-0900 - 1
Sampled:	05/21/2004	Extracted:	5/26/2004 11:22
Matrix:	Water	QC Batch#:	2004/05/26-01.10

Compound	Conc.	RL	Unit	Dilution	Analyzed	Flag
Diesel	390	50	ug/L	1.00	05/27/2004 13:50	ldr
Motor Oil	640	500	ug/L	1.00	05/27/2004 13:50	
Surrogate(s)						
o-Terphenyl	82.5	60-130	%	1.00	05/27/2004 13:50	

SEVERN TRENT STL

Submission #: 2004-05-0900

Total Extractable Petroleum Hydrocarbons (TEPH)

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Project: 869-4A
Milpitas Sewage (Mil. Sewage)

Received: 05/25/2004 17:53

Prep(s):	3550/8015M	Test(s):	8015M
Sample ID:	**BLD-3A**	Lab ID:	2004-05-0900 - 2
Sampled:	05/21/2004	Extracted:	6/1/2004 07:43
Matrix:	Soil	QC Batch#:	2004/06/01-03.10

Compound	Conc.	RL	Unit	Dilution	Analyzed	Flag
Diesel	13	1.0	mg/Kg	1.00	06/02/2004 10:32	ldr
Motor Oil	55	50	mg/Kg	1.00	06/02/2004 10:32	
Surrogate(s)						
o-Terphenyl	82.6	60-130	%	1.00	06/02/2004 10:32	

SEVERN TRENT STL

Submission #: 2004-05-0900

Total Extractable Petroleum Hydrocarbons (TEPH)

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Project: 869-4A
Milpitas Sewage (Mil. Sewage)

Received: 05/25/2004 17:53

Prep(s):	3510/8015M	Test(s):	8015M
Sample ID:	**BLD-3B**	Lab ID:	2004-05-0900 - 3
Sampled:	05/21/2004	Extracted:	5/26/2004 11:22
Matrix:	Water	QC Batch#:	2004/05/26-01.10

Compound	Conc.	RL	Unit	Dilution	Analyzed	Flag
Diesel	4800	50	ug/L	1.00	05/27/2004 17:01	ndp
Motor Oil	1100	500	ug/L	1.00	05/27/2004 17:01	
Surrogate(s)						
o-Terphenyl	77.1	60-130	%	1.00	05/27/2004 17:01	

Total Extractable Petroleum Hydrocarbons (TEPH)

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Project: 869-4A
Milpitas Sewage (Mil. Sewage)

Received: 05/25/2004 17:53

Prep(s):	3550/8015M	Test(s):	8015M
Sample ID:	**BLD-3B**	Lab ID:	2004-05-0900 - 4
Sampled:	05/21/2004	Extracted:	5/27/2004 17:30
Matrix:	Soil	QC Batch#:	2004/05/27-06.10

Compound	Conc.	RL	Unit	Dilution	Analyzed	Flag
Diesel	40	1.0	mg/Kg	1.00	05/28/2004 17:33	Idr
Motor Oil	150	50	mg/Kg	1.00	05/28/2004 17:33	
Surrogate(s)						
o-Terphenyl	73.9	60-130	%	1.00	05/28/2004 17:33	

Total Extractable Petroleum Hydrocarbons (TEPH)

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Project: 869-4A
Milpitas Sewage (Mil. Sewage)

Received: 05/25/2004 17:53

Prep(s):	3510/8015M	Test(s):	8015M
Sample ID:	**BLD-8A**	Lab ID:	2004-05-0900 - 5
Sampled:	05/21/2004	Extracted:	5/26/2004 11:22
Matrix:	Water	QC Batch#:	2004/05/26-01.10

Compound	Conc.	RL	Unit	Dilution	Analyzed	Flag
Diesel	110	50	ug/L	1.00	05/27/2004 13:58	Idr
Motor Oil	ND	500	ug/L	1.00	05/27/2004 13:58	
Surrogate(s)						
o-Terphenyl	69.6	60-130	%	1.00	05/27/2004 13:58	

Total Extractable Petroleum Hydrocarbons (TEPH)

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Project: 869-4A
Milpitas Sewage (Mil. Sewage)

Received: 05/25/2004 17:53

Prep(s):	3510/8015M	Test(s):	8015M
Sample ID:	**BLD-8B**	Lab ID:	2004-05-0900 - 6
Sampled:	05/21/2004	Extracted:	5/26/2004 11:22
Matrix:	Water	QC Batch#:	2004/05/26-01.10

Compound	Conc.	RL	Unit	Dilution	Analyzed	Flag
Diesel	120	50	ug/L	1.00	05/27/2004 14:29	Idr
Motor Oil	ND	500	ug/L	1.00	05/27/2004 14:29	
Surrogate(s)						
o-Terphenyl	70.2	60-130	%	1.00	05/27/2004 14:29	

Total Extractable Petroleum Hydrocarbons (TEPH)

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Project: 869-4A
Milpitas Sewage (Mil. Sewage)

Received: 05/25/2004 17:53

Prep(s):	3510/8015M	Test(s):	8015M
Sample ID:	**BLD-9A**	Lab ID:	2004-05-0900 - 7
Sampled:	05/21/2004	Extracted:	5/26/2004 11:22
Matrix:	Water	QC Batch#:	2004/05/26-01.10

Compound	Conc.	RL	Unit	Dilution	Analyzed	Flag
Diesel	280	50	ug/L	1.00	05/27/2004 17:29	Idr
Motor Oil	690	500	ug/L	1.00	05/27/2004 17:29	
Surrogate(s)						
o-Terphenyl	83.9	60-130	%	1.00	05/27/2004 17:29	

Total Extractable Petroleum Hydrocarbons (TEPH)

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Project: 869-4A
Milpitas Sewage (Mil. Sewage)

Received: 05/25/2004 17:53

Prep(s):	3550/8015M	Test(s):	8015M
Sample ID:	**BLD-8A**	Lab ID:	2004-05-0900 - 8
Sampled:	05/24/2004	Extracted:	5/27/2004 17:30
Matrix:	Soil	QC Batch#:	2004/05/27-06.10

Compound	Conc.	RL	Unit	Dilution	Analyzed	Flag
Diesel	1700	20	mg/Kg	20.00	05/28/2004 14:45	ldr
Motor Oil	4400	1000	mg/Kg	20.00	05/28/2004 14:45	
Surrogate(s)						
o-Terphenyl	NA	60-130	%	20.00	05/28/2004 14:45	sd

Total Extractable Petroleum Hydrocarbons (TEPH)

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Project: 869-4A
Milpitas Sewage (Mil. Sewage)

Received: 05/25/2004 17:53

Prep(s):	3550/8015M	Test(s):	8015M
Sample ID:	**BLD-8B**	Lab ID:	2004-05-0900 - 9
Sampled:	05/24/2004	Extracted:	5/27/2004 17:30
Matrix:	Soil	QC Batch#:	2004/05/27-06.10

Compound	Conc.	RL	Unit	Dilution	Analyzed	Flag
Diesel	720	5.0	mg/Kg	5.00	05/29/2004 14:08	ldr
Motor Oil	920	250	mg/Kg	5.00	05/29/2004 14:08	
Surrogate(s)						
o-Terphenyl	NA	60-130	%	5.00	05/29/2004 14:08	sd

Total Extractable Petroleum Hydrocarbons (TEPH)

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Project: 869-4A
Milpitas Sewage (Mil. Sewage)

Received: 05/25/2004 17:53

Prep(s):	3510/8015M	Test(s):	8015M
Sample ID:	**BLD-9B**	Lab ID:	2004-05-0900 - 10
Sampled:	05/24/2004	Extracted:	5/26/2004 11:22
Matrix:	Water	QC Batch#:	2004/05/26-01.10

Compound	Conc.	RL	Unit	Dilution	Analyzed	Flag
Diesel	530	50	ug/L	1.00	05/27/2004 14:59	Idr
Motor Oil	650	500	ug/L	1.00	05/27/2004 14:59	
Surrogate(s)						
o-Terphenyl	64.6	60-130	%	1.00	05/27/2004 14:59	

Total Extractable Petroleum Hydrocarbons (TEPH)

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Project: 869-4A
Milpitas Sewage (Mil. Sewage)

Received: 05/25/2004 17:53

Prep(s):	3550/8015M	Test(s):	8015M
Sample ID:	**BLD-9B**	Lab ID:	2004-05-0900 - 11
Sampled:	05/24/2004	Extracted:	5/27/2004 17:30
Matrix:	Soil	QC Batch#:	2004/05/27-06.10

Compound	Conc.	RL	Unit	Dilution	Analyzed	Flag
Diesel	28	1.0	mg/Kg	1.00	05/28/2004 15:17	Idr
Motor Oil	100	50	mg/Kg	1.00	05/28/2004 15:17	
Surrogate(s)						
o-Terphenyl	66.8	60-130	%	1.00	05/28/2004 15:17	

Total Extractable Petroleum Hydrocarbons (TEPH)

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Project: 869-4A
Milpitas Sewage (Mil. Sewage)

Received: 05/25/2004 17:53

Prep(s): 3510/8015M
Test(s): 8015M
Sample ID: **BLD-9C**
Lab ID: 2004-05-0900 - 12
Sampled: 05/24/2004
Extracted: 5/26/2004 11:22
Matrix: Water
QC Batch#: 2004/05/26-01.10

Compound	Conc.	RL	Unit	Dilution	Analyzed	Flag
Diesel	200	50	ug/L	1.00	05/27/2004 14:45	ldr
Motor Oil	ND	500	ug/L	1.00	05/27/2004 14:45	
Surrogate(s)						
o-Terphenyl	81.5	60-130	%	1.00	05/27/2004 14:45	

Total Extractable Petroleum Hydrocarbons (TEPH)

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Project: 869-4A
Milpitas Sewage (Mil. Sewage)

Received: 05/25/2004 17:53

Prep(s): 3550/8015M
Test(s): 8015M
Sample ID: **BLD-9C**
Lab ID: 2004-05-0900 - 13
Sampled: 05/24/2004
Extracted: 5/27/2004 17:30
Matrix: Soil
QC Batch#: 2004/05/27-06.10

Compound	Conc.	RL	Unit	Dilution	Analyzed	Flag
Diesel	840	5.0	mg/Kg	5.00	05/28/2004 14:45	ldr
Motor Oil	1100	250	mg/Kg	5.00	05/28/2004 14:45	
Surrogate(s)						
o-Terphenyl	NA	60-130	%	5.00	05/28/2004 14:45	sd

Total Extractable Petroleum Hydrocarbons (TEPH)

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Project: 869-4A
Milpitas Sewage (Mil. Sewage)

Received: 05/25/2004 17:53

Prep(s):	3510/8015M	Test(s):	8015M
Sample ID:	**BLD-10A**	Lab ID:	2004-05-0900 - 14
Sampled:	05/24/2004	Extracted:	5/26/2004 11:22
Matrix:	Water	QC Batch#:	2004/05/26-01.10

Compound	Conc.	RL	Unit	Dilution	Analyzed	Flag
Diesel	770	50	ug/L	1.00	05/27/2004 15:30	ldr
Motor Oil	890	500	ug/L	1.00	05/27/2004 15:30	
Surrogate(s)						
o-Terphenyl	67.1	60-130	%	1.00	05/27/2004 15:30	

Total Extractable Petroleum Hydrocarbons (TEPH)

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Project: 869-4A
Milpitas Sewage (Mil. Sewage)

Received: 05/25/2004 17:53

Prep(s):	3550/8015M	Test(s):	8015M
Sample ID:	**BLD-10A**	Lab ID:	2004-05-0900 - 15
Sampled:	05/24/2004	Extracted:	5/27/2004 17:30
Matrix:	Soil	QC Batch#:	2004/05/27-06.10

Compound	Conc.	RL	Unit	Dilution	Analyzed	Flag
Diesel	1700	25	mg/Kg	25.00	05/28/2004 12:53	ldr
Motor Oil	10000	1300	mg/Kg	25.00	05/28/2004 12:53	
Surrogate(s)						
o-Terphenyl	NA	60-130	%	25.00	05/28/2004 12:53	sd

Total Extractable Petroleum Hydrocarbons (TEPH)

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Project: 869-4A
Milpitas Sewage (Mil. Sewage)

Received: 05/25/2004 17:53

Prep(s): 3510/8015M
Sample ID: **BLD-10B**
Sampled: 05/24/2004
Matrix: Water

Test(s): 8015M
Lab ID: 2004-05-0900 - 16
Extracted: 5/26/2004 11:22
QC Batch#: 2004/05/26-01.10

Compound	Conc.	RL	Unit	Dilution	Analyzed	Flag
Diesel	470	50	ug/L	1.00	05/27/2004 12:26	ldr
Motor Oil	ND	500	ug/L	1.00	05/27/2004 12:26	
Surrogate(s)						
o-Terphenyl	70.8	60-130	%	1.00	05/27/2004 12:26	

Total Extractable Petroleum Hydrocarbons (TEPH)

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Project: 869-4A
Milpitas Sewage (Mil. Sewage)

Received: 05/25/2004 17:53

Prep(s): 3550/8015M
Sample ID: **BLD-10B**
Sampled: 05/24/2004
Matrix: Soil

Test(s): 8015M
Lab ID: 2004-05-0900 - 17
Extracted: 5/27/2004 17:30
QC Batch#: 2004/05/27-06.10

Analysis Flag: rl (See Legend and Note Section)

Compound	Conc.	RL	Unit	Dilution	Analyzed	Flag
Diesel	1400	44	mg/Kg	44.38	05/28/2004 15:08	ldr
Motor Oil	4900	2200	mg/Kg	44.38	05/28/2004 15:08	
Surrogate(s)						
o-Terphenyl	NA	60-130	%	44.38	05/28/2004 15:08	sd

Total Extractable Petroleum Hydrocarbons (TEPH)

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Project: 869-4A
Milpitas Sewage (Mil. Sewage)

Received: 05/25/2004 17:53

Prep(s): 3550/8015M
Test(s): 8015M
Sample ID: **BLD-9A**
Lab ID: 2004-05-0900 - 18
Sampled: 05/24/2004 14:58
Extracted: 5/27/2004 17:30
Matrix: Soil
QC Batch#: 2004/05/27-06.10

Compound	Conc.	RL	Unit	Dilution	Analyzed	Flag
Diesel	98	5.0	mg/Kg	5.00	05/28/2004 15:17	ldr
Motor Oil	510	250	mg/Kg	5.00	05/28/2004 15:17	
Surrogate(s)						
o-Terphenyl	NA	60-130	%	5.00	05/28/2004 15:17	sd

Total Extractable Petroleum Hydrocarbons (TEPH)

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Project: 869-4A
Milpitas Sewage (Mil. Sewage)

Received: 05/25/2004 17:53

Batch QC Report

Prep(s): 3510/8015M
Test(s): 8015M
Method Blank
Water
QC Batch # 2004/05/26-01.10
MB: 2004/05/26-01.10-001
Date Extracted: 05/26/2004 11:22

Compound	Conc.	RL	Unit	Analyzed	Flag
Diesel	ND	50	ug/L	05/26/2004 22:25	
Motor Oil	ND	500	ug/L	05/26/2004 22:25	
Surrogates(s)					
o-Terphenyl	80.0	60-130	%	05/26/2004 22:25	

Total Extractable Petroleum Hydrocarbons (TEPH)

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Project: 869-4A
Milpitas Sewage (Mil. Sewage)

Received: 05/25/2004 17:53

Batch QC Report

Prep(s): 3550/8015M — Test(s): 8015M

Method Blank — **Soil** — **QC Batch # 2004/05/27-06.10**

MB: 2004/05/27-06.10-001 — Date Extracted: 05/27/2004 17:30

Compound	Conc.	RL	Unit	Analyzed	Flag
Diesel	ND	1	mg/Kg	05/28/2004 11:10	
Motor Oil	ND	50	mg/Kg	05/28/2004 11:10	
Surrogates(s)					
o-Terphenyl	80.0	60-130	%	05/28/2004 11:10	

Total Extractable Petroleum Hydrocarbons (TEPH)

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Project: 869-4A
Milpitas Sewage (Mil. Sewage)

Received: 05/25/2004 17:53

Batch QC Report

Prep(s): 3550/8015M — Test(s): 8015M

Method Blank — **Soil** — **QC Batch # 2004/06/01-03.10**

MB: 2004/06/01-03.10-001 — Date Extracted: 06/01/2004 07:43

Compound	Conc.	RL	Unit	Analyzed	Flag
Diesel	ND	1	mg/Kg	06/01/2004 13:45	
Motor Oil	ND	50	mg/Kg	06/01/2004 13:45	
Surrogates(s)					
o-Terphenyl	99.6	60-130	%	06/01/2004 13:45	

Total Extractable Petroleum Hydrocarbons (TEPH)

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Project: 869-4A
Milpitas Sewage (Mil. Sewage)

Received: 05/25/2004 17:53

Batch QC Report

Prep(s): 3510/8015M

Test(s): 8015M

Laboratory Control Spike **Water** **QC Batch # 2004/05/26-01.10**

LCS 2004/05/26-01.10-002 Extracted: 05/26/2004 Analyzed: 05/26/2004 16:30
LCSD 2004/05/26-01.10-003 Extracted: 05/26/2004 Analyzed: 05/26/2004 16:58

Compound	Conc. ug/L		Exp.Conc.	Recovery %		RPD	Ctrl.Limits %		Flags	
	LCS	LCSD		LCS	LCSD	%	Rec.	RPD	LCS	LCSD
Diesel	842	798	1000	84.2	79.8	5.4	60-130	25		
Surrogates(s)										
o-Terphenyl	16.5	16.0	20.0	82.7	79.9		60-130	0		

Total Extractable Petroleum Hydrocarbons (TEPH)

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Project: 869-4A
Milpitas Sewage (Mil. Sewage)

Received: 05/25/2004 17:53

Batch QC Report

Prep(s): 3550/8015M

Test(s): 8015M

Laboratory Control Spike **Soil** **QC Batch # 2004/05/27-06.10**

LCS 2004/05/27-06.10-002 Extracted: 05/27/2004 Analyzed: 05/28/2004 11:41
LCSD 2004/05/27-06.10-003 Extracted: 05/27/2004 Analyzed: 05/28/2004 12:11

Compound	Conc. mg/Kg		Exp.Conc.	Recovery %		RPD	Ctrl.Limits %		Flags	
	LCS	LCSD		LCS	LCSD	%	Rec.	RPD	LCS	LCSD
Diesel	33.8	31.6	41.6	81.3	76.9	5.6	60-130	25		
Surrogates(s)										
o-Terphenyl	17.3	16.6	20.0	86.4	82.8		60-130	0		

Total Extractable Petroleum Hydrocarbons (TEPH)

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Project: 869-4A
Milpitas Sewage (Mil. Sewage)

Received: 05/25/2004 17:53

Batch QC Report

Prep(s): 3550/8015M

Test(s): 8015M

Laboratory Control Spike **Soil** **QC Batch # 2004/06/01-03.10**

LCS 2004/06/01-03.10-002 Extracted: 06/01/2004 Analyzed: 06/01/2004 14:40
LCSD 2004/06/01-03.10-003 Extracted: 06/01/2004 Analyzed: 06/01/2004 15:07

Compound	Conc. mg/Kg		Exp.Conc.	Recovery %		RPD	Ctrl.Limits %		Flags	
	LCS	LCSD		LCS	LCSD	%	Rec.	RPD	LCS	LCSD
Diesel	39.4	39.6	41.7	94.5	95.2	0.7	60-130	25		
Surrogates(s)										
o-Terphenyl	19.6	19.6	20.0	98.1	98.0		60-130	0		

Total Extractable Petroleum Hydrocarbons (TEPH)

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Project: 869-4A
Milpitas Sewage (Mil. Sewage)

Received: 05/25/2004 17:53

Legend and Notes

Analysis Flag

rl

Reporting limits raised due to reduced sample size.

Result Flag

ldr

Hydrocarbon reported is in the late Diesel range, and does not match our Diesel standard

ndp

Hydrocarbon reported does not match the pattern of our Diesel standard

sd

Surrogate recovery not reportable due to required dilution.

CAM 17 Metals

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Project: 869-4A
Milpitas Sewage (Mil. Sewage)

Received: 05/25/2004 17:53

Samples Reported

Sample Name	Date Sampled	Matrix	Lab #
BLD-3A	05/21/2004	Water	1
BLD-3A	05/21/2004	Soil	2
BLD-3B	05/21/2004	Water	3
BLD-3B	05/21/2004	Soil	4
BLD-8A	05/21/2004	Water	5
BLD-8B	05/21/2004	Water	6
BLD-9A	05/21/2004	Water	7
BLD-8A	05/24/2004	Soil	8
BLD-8B	05/24/2004	Soil	9
BLD-9B	05/24/2004	Water	10
BLD-9B	05/24/2004	Soil	11
BLD-9C	05/24/2004	Water	12
BLD-9C	05/24/2004	Soil	13
BLD-10A	05/24/2004	Water	14
BLD-10A	05/24/2004	Soil	15
BLD-10B	05/24/2004	Water	16
BLD-10B	05/24/2004	Soil	17
BLD-9A	05/24/2004 14:58	Soil	18

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Project: 869-4A
Milpitas Sewage (Mil. Sewage)

Received: 05/25/2004 17:53

Prep(s):	3010A 7470A	Test(s):	6010B 7470A
Sample ID:	**BLD-3A**	Lab ID:	2004-05-0900 - 1
Sampled:	05/21/2004	Extracted:	5/27/2004 10:48 5/27/2004 10:32
Matrix:	Water	QC Batch#:	2004/05/27-02.16 2004/05/27-03.15

Compound	Conc.	RL	Unit	Dilution	Analyzed	Flag
Antimony	0.0077	0.0050	mg/L	1.00	05/28/2004 12:05	
Arsenic	0.022	0.0050	mg/L	1.00	05/28/2004 12:05	
Barium	0.066	0.0050	mg/L	1.00	05/28/2004 12:05	
Beryllium	ND	0.0050	mg/L	1.00	05/28/2004 12:05	
Cadmium	ND	0.0020	mg/L	1.00	05/28/2004 12:05	
Chromium	0.0092	0.0050	mg/L	1.00	05/28/2004 12:05	
Cobalt	ND	0.0050	mg/L	1.00	05/28/2004 12:05	
Copper	0.0062	0.0050	mg/L	1.00	05/28/2004 12:05	
Lead	0.0094	0.0050	mg/L	1.00	05/28/2004 12:05	
Molybdenum	ND	0.0050	mg/L	1.00	05/28/2004 12:05	
Nickel	0.031	0.0050	mg/L	1.00	05/28/2004 12:05	
Selenium	ND	0.0050	mg/L	1.00	05/28/2004 12:05	
Silver	ND	0.0050	mg/L	1.00	05/28/2004 12:05	
Thallium	ND	0.0050	mg/L	1.00	05/28/2004 12:05	
Vanadium	0.0066	0.0050	mg/L	1.00	05/28/2004 12:05	
Zinc	0.37	0.010	mg/L	1.00	05/28/2004 12:05	
Mercury	0.00027	0.00020	mg/L	1.00	05/28/2004 08:29	

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Project: 869-4A
Milpitas Sewage (Mil. Sewage)

Received: 05/25/2004 17:53

Prep(s):	3050B 7471A	Test(s):	6010B 7471A
Sample ID:	**BLD-3A**	Lab ID:	2004-05-0900 - 2
Sampled:	05/21/2004	Extracted:	5/26/2004 18:02 5/27/2004 07:47
Matrix:	Soil	QC Batch#:	2004/05/26-05.15 2004/05/27-01.16

Compound	Conc.	RL	Unit	Dilution	Analyzed	Flag
Antimony	4.1	2.0	mg/Kg	1.00	05/27/2004 09:02	
Arsenic	9.7	1.0	mg/Kg	1.00	05/27/2004 09:02	
Barium	150	1.0	mg/Kg	1.00	05/27/2004 09:02	
Beryllium	0.64	0.50	mg/Kg	1.00	05/27/2004 09:02	
Cadmium	2.1	0.50	mg/Kg	1.00	05/27/2004 09:02	
Chromium	81	1.0	mg/Kg	1.00	05/27/2004 09:02	
Cobalt	11	1.0	mg/Kg	1.00	05/27/2004 09:02	
Copper	83	1.0	mg/Kg	1.00	05/27/2004 09:02	
Lead	180	1.0	mg/Kg	1.00	05/27/2004 09:02	
Molybdenum	2.6	1.0	mg/Kg	1.00	05/27/2004 09:02	
Nickel	92	1.0	mg/Kg	1.00	05/27/2004 09:02	
Selenium	ND	2.0	mg/Kg	1.00	05/27/2004 09:02	
Silver	ND	1.0	mg/Kg	1.00	05/27/2004 09:02	
Thallium	ND	1.0	mg/Kg	1.00	05/27/2004 09:02	
Vanadium	27	1.0	mg/Kg	1.00	05/27/2004 09:02	
Zinc	530	1.0	mg/Kg	1.00	05/27/2004 09:02	
Mercury	0.22	0.050	mg/Kg	1.00	05/27/2004 10:11	

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Project: 869-4A
Milpitas Sewage (Mil. Sewage)

Received: 05/25/2004 17:53

Prep(s):	3010A 7470A	Test(s):	6010B 7470A
Sample ID:	**BLD-3B**	Lab ID:	2004-05-0900 - 3
Sampled:	05/21/2004	Extracted:	5/27/2004 10:48 5/27/2004 10:32
Matrix:	Water	QC Batch#:	2004/05/27-02.16 2004/05/27-03.15

Compound	Conc.	RL	Unit	Dilution	Analyzed	Flag
Antimony	0.016	0.0050	mg/L	1.00	05/28/2004 12:10	
Arsenic	0.044	0.0050	mg/L	1.00	05/28/2004 12:10	
Barium	0.10	0.0050	mg/L	1.00	05/28/2004 12:10	
Beryllium	ND	0.0050	mg/L	1.00	05/28/2004 12:10	
Cadmium	0.0024	0.0020	mg/L	1.00	05/28/2004 12:10	
Chromium	0.018	0.0050	mg/L	1.00	05/28/2004 12:10	
Cobalt	ND	0.0050	mg/L	1.00	05/28/2004 12:10	
Copper	0.022	0.0050	mg/L	1.00	05/28/2004 12:10	
Lead	0.027	0.0050	mg/L	1.00	05/28/2004 12:10	
Molybdenum	ND	0.0050	mg/L	1.00	05/28/2004 12:10	
Nickel	0.028	0.0050	mg/L	1.00	05/28/2004 12:10	
Selenium	ND	0.0050	mg/L	1.00	05/28/2004 12:10	
Silver	ND	0.0050	mg/L	1.00	05/28/2004 12:10	
Thallium	ND	0.0050	mg/L	1.00	05/28/2004 12:10	
Vanadium	0.012	0.0050	mg/L	1.00	05/28/2004 12:10	
Zinc	0.32	0.010	mg/L	1.00	05/28/2004 12:10	
Mercury	0.00084	0.00020	mg/L	1.00	05/28/2004 08:30	

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Project: 869-4A
Milpitas Sewage (Mil. Sewage)

Received: 05/25/2004 17:53

Prep(s):	3050B 7471A	Test(s):	6010B 7471A
Sample ID:	**BLD-3B**	Lab ID:	2004-05-0900 - 4
Sampled:	05/21/2004	Extracted:	5/26/2004 18:02 5/27/2004 07:47
Matrix:	Soil	QC Batch#:	2004/05/26-05.15 2004/05/27-01.16

Compound	Conc.	RL	Unit	Dilution	Analyzed	Flag
Antimony	16	2.0	mg/Kg	1.00	05/27/2004 09:20	
Arsenic	15	1.0	mg/Kg	1.00	05/27/2004 09:20	
Barium	98	1.0	mg/Kg	1.00	05/27/2004 09:20	
Beryllium	ND	0.50	mg/Kg	1.00	05/27/2004 09:20	
Cadmium	3.1	0.50	mg/Kg	1.00	05/27/2004 09:20	
Chromium	58	1.0	mg/Kg	1.00	05/27/2004 09:20	
Cobalt	10	1.0	mg/Kg	1.00	05/27/2004 09:20	
Copper	650	1.0	mg/Kg	1.00	05/27/2004 09:20	
Lead	1300	1.0	mg/Kg	1.00	05/27/2004 09:20	
Molybdenum	15	1.0	mg/Kg	1.00	05/27/2004 09:20	
Nickel	55	1.0	mg/Kg	1.00	05/27/2004 09:20	
Selenium	ND	2.0	mg/Kg	1.00	05/27/2004 09:20	
Silver	1.1	1.0	mg/Kg	1.00	05/27/2004 09:20	
Thallium	ND	1.0	mg/Kg	1.00	05/27/2004 09:20	
Vanadium	15	1.0	mg/Kg	1.00	05/27/2004 09:20	
Zinc	940	1.0	mg/Kg	1.00	05/27/2004 09:20	
Mercury	0.75	0.050	mg/Kg	1.00	05/27/2004 10:12	

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Project: 869-4A
Milpitas Sewage (Mil. Sewage)

Received: 05/25/2004 17:53

Prep(s):	3010A 7470A	Test(s):	6010B 7470A
Sample ID:	**BLD-8A**	Lab ID:	2004-05-0900 - 5
Sampled:	05/21/2004	Extracted:	5/27/2004 10:48 5/27/2004 10:32
Matrix:	Water	QC Batch#:	2004/05/27-02.16 2004/05/27-03.15

Compound	Conc.	RL	Unit	Dilution	Analyzed	Flag
Antimony	ND	0.0050	mg/L	1.00	05/28/2004 12:15	
Arsenic	0.0063	0.0050	mg/L	1.00	05/28/2004 12:15	
Barium	0.19	0.0050	mg/L	1.00	05/28/2004 12:15	
Beryllium	ND	0.0050	mg/L	1.00	05/28/2004 12:15	
Cadmium	0.0031	0.0020	mg/L	1.00	05/28/2004 12:15	
Chromium	ND	0.0050	mg/L	1.00	05/28/2004 12:15	
Cobalt	ND	0.0050	mg/L	1.00	05/28/2004 12:15	
Copper	0.024	0.0050	mg/L	1.00	05/28/2004 12:15	
Lead	0.035	0.0050	mg/L	1.00	05/28/2004 12:15	
Molybdenum	ND	0.0050	mg/L	1.00	05/28/2004 12:15	
Nickel	0.018	0.0050	mg/L	1.00	05/28/2004 12:15	
Selenium	ND	0.0050	mg/L	1.00	05/28/2004 12:15	
Silver	ND	0.0050	mg/L	1.00	05/28/2004 12:15	
Thallium	ND	0.0050	mg/L	1.00	05/28/2004 12:15	
Vanadium	ND	0.0050	mg/L	1.00	05/28/2004 12:15	
Zinc	0.44	0.010	mg/L	1.00	05/28/2004 12:15	
Mercury	ND	0.00020	mg/L	1.00	05/28/2004 09:42	

CAM 17 Metals

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Project: 869-4A
Milpitas Sewage (Mil. Sewage)

Received: 05/25/2004 17:53

Prep(s):	3010A 7470A	Test(s):	6010B 7470A
Sample ID:	**BLD-8B**	Lab ID:	2004-05-0900 - 6
Sampled:	05/21/2004	Extracted:	5/27/2004 10:48 5/27/2004 10:32
Matrix:	Water	QC Batch#:	2004/05/27-02.16 2004/05/27-03.15

Compound	Conc.	RL	Unit	Dilution	Analyzed	Flag
Antimony	ND	0.0050	mg/L	1.00	05/28/2004 12:19	
Arsenic	ND	0.0050	mg/L	1.00	05/28/2004 12:19	
Barium	0.13	0.0050	mg/L	1.00	05/28/2004 12:19	
Beryllium	ND	0.0050	mg/L	1.00	05/28/2004 12:19	
Cadmium	0.062	0.0020	mg/L	1.00	05/28/2004 12:19	
Chromium	0.0068	0.0050	mg/L	1.00	05/28/2004 12:19	
Cobalt	0.0051	0.0050	mg/L	1.00	05/28/2004 12:19	
Copper	0.028	0.0050	mg/L	1.00	05/28/2004 12:19	
Lead	0.052	0.0050	mg/L	1.00	05/28/2004 12:19	
Molybdenum	0.0070	0.0050	mg/L	1.00	05/28/2004 12:19	
Nickel	0.043	0.0050	mg/L	1.00	05/28/2004 12:19	
Selenium	ND	0.0050	mg/L	1.00	05/28/2004 12:19	
Silver	ND	0.0050	mg/L	1.00	05/28/2004 12:19	
Thallium	ND	0.0050	mg/L	1.00	05/28/2004 12:19	
Vanadium	0.0058	0.0050	mg/L	1.00	05/28/2004 12:19	
Zinc	1.2	0.010	mg/L	1.00	05/28/2004 12:19	
Mercury	ND	0.00020	mg/L	1.00	05/28/2004 09:43	

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Project: 869-4A
Milpitas Sewage (Mil. Sewage)

Received: 05/25/2004 17:53

Prep(s):	3010A 7470A	Test(s):	6010B 7470A
Sample ID:	**BLD-9A**	Lab ID:	2004-05-0900 - 7
Sampled:	05/21/2004	Extracted:	5/27/2004 10:48 5/27/2004 10:32
Matrix:	Water	QC Batch#:	2004/05/27-02.16 2004/05/27-03.15

Compound	Conc.	RL	Unit	Dilution	Analyzed	Flag
Antimony	0.014	0.0050	mg/L	1.00	05/28/2004 12:23	
Arsenic	0.062	0.0050	mg/L	1.00	05/28/2004 12:23	
Barium	1.5	0.0050	mg/L	1.00	05/28/2004 12:23	
Beryllium	ND	0.0050	mg/L	1.00	05/28/2004 12:23	
Cadmium	0.062	0.0020	mg/L	1.00	05/28/2004 12:23	
Chromium	0.40	0.0050	mg/L	1.00	05/28/2004 12:23	
Cobalt	0.053	0.0050	mg/L	1.00	05/28/2004 12:23	
Copper	0.49	0.0050	mg/L	1.00	05/28/2004 12:23	
Lead	0.57	0.0050	mg/L	1.00	05/28/2004 12:23	
Molybdenum	0.033	0.0050	mg/L	1.00	05/28/2004 12:23	
Nickel	0.65	0.0050	mg/L	1.00	05/28/2004 12:23	
Selenium	ND	0.0050	mg/L	1.00	05/28/2004 12:23	
Silver	0.0053	0.0050	mg/L	1.00	05/28/2004 12:23	
Thallium	ND	0.0050	mg/L	1.00	05/28/2004 12:23	
Vanadium	0.28	0.0050	mg/L	1.00	05/28/2004 12:23	
Zinc	20	0.010	mg/L	1.00	05/28/2004 12:23	
Mercury	0.00081	0.00020	mg/L	1.00	05/28/2004 09:44	

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Project: 869-4A
Milpitas Sewage (Mil. Sewage)

Received: 05/25/2004 17:53

Prep(s): 3050B, 7471A
Test(s): 6010B, 7471A
Sample ID: **BLD-8A**
Lab ID: 2004-05-0900 - 8
Sampled: 05/24/2004
Extracted: 5/26/2004 18:02, 5/27/2004 07:47
Matrix: Soil
QC Batch#: 2004/05/26-05.15, 2004/05/27-01.16

Compound	Conc.	RL	Unit	Dilution	Analyzed	Flag
Antimony	42	2.0	mg/Kg	1.00	05/27/2004 09:22	
Arsenic	11	1.0	mg/Kg	1.00	05/27/2004 09:22	
Barium	170	1.0	mg/Kg	1.00	05/27/2004 09:22	
Beryllium	ND	0.50	mg/Kg	1.00	05/27/2004 09:22	
Cadmium	4.4	0.50	mg/Kg	1.00	05/27/2004 09:22	
Chromium	39	1.0	mg/Kg	1.00	05/27/2004 09:22	
Cobalt	3.8	1.0	mg/Kg	1.00	05/27/2004 09:22	
Copper	380	1.0	mg/Kg	1.00	05/27/2004 09:22	
Lead	1300	1.0	mg/Kg	1.00	05/27/2004 09:22	
Molybdenum	4.1	1.0	mg/Kg	1.00	05/27/2004 09:22	
Nickel	38	1.0	mg/Kg	1.00	05/27/2004 09:22	
Selenium	ND	2.0	mg/Kg	1.00	05/27/2004 09:22	
Silver	3.9	1.0	mg/Kg	1.00	05/27/2004 09:22	
Thallium	ND	1.0	mg/Kg	1.00	05/27/2004 09:22	
Vanadium	6.3	1.0	mg/Kg	1.00	05/27/2004 09:22	
Zinc	720	1.0	mg/Kg	1.00	05/27/2004 09:22	
Mercury	2.6	0.50	mg/Kg	10.00	05/27/2004 10:59	

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Project: 869-4A
Milpitas Sewage (Mil. Sewage)

Received: 05/25/2004 17:53

Prep(s): 3050B, 7471A
Test(s): 6010B, 7471A
Sample ID: **BLD-8B**
Lab ID: 2004-05-0900 - 9
Sampled: 05/24/2004
Extracted: 5/26/2004 18:02, 5/27/2004 07:47
Matrix: Soil
QC Batch#: 2004/05/26-05.15, 2004/05/27-01.16

Compound	Conc.	RL	Unit	Dilution	Analyzed	Flag
Antimony	22	2.0	mg/Kg	1.00	05/27/2004 09:25	
Arsenic	13	1.0	mg/Kg	1.00	05/27/2004 09:25	
Barium	230	1.0	mg/Kg	1.00	05/27/2004 09:25	
Beryllium	ND	0.50	mg/Kg	1.00	05/27/2004 09:25	
Cadmium	360	0.50	mg/Kg	1.00	05/27/2004 09:25	
Chromium	72	1.0	mg/Kg	1.00	05/27/2004 09:25	
Cobalt	4.0	1.0	mg/Kg	1.00	05/27/2004 09:25	
Copper	310	1.0	mg/Kg	1.00	05/27/2004 09:25	
Lead	1400	1.0	mg/Kg	1.00	05/27/2004 09:25	
Molybdenum	17	1.0	mg/Kg	1.00	05/27/2004 09:25	
Nickel	60	1.0	mg/Kg	1.00	05/27/2004 09:25	
Selenium	ND	2.0	mg/Kg	1.00	05/27/2004 09:25	
Silver	7.7	1.0	mg/Kg	1.00	05/27/2004 09:25	
Thallium	ND	1.0	mg/Kg	1.00	05/27/2004 09:25	
Vanadium	12	1.0	mg/Kg	1.00	05/27/2004 09:25	
Zinc	1600	1.0	mg/Kg	1.00	05/27/2004 09:25	
Mercury	3.9	0.50	mg/Kg	10.00	05/27/2004 11:00	

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Project: 869-4A
Milpitas Sewage (Mil. Sewage)

Received: 05/25/2004 17:53

Prep(s):	3010A 7470A	Test(s):	6010B 7470A
Sample ID:	**BLD-9B**	Lab ID:	2004-05-0900 - 10
Sampled:	05/24/2004	Extracted:	5/27/2004 10:48 5/27/2004 10:32
Matrix:	Water	QC Batch#:	2004/05/27-02.16 2004/05/27-03.15

Compound	Conc.	RL	Unit	Dilution	Analyzed	Flag
Antimony	0.038	0.0050	mg/L	1.00	05/28/2004 12:26	
Arsenic	0.017	0.0050	mg/L	1.00	05/28/2004 12:26	
Barium	0.17	0.0050	mg/L	1.00	05/28/2004 12:26	
Beryllium	ND	0.0050	mg/L	1.00	05/28/2004 12:26	
Cadmium	0.0025	0.0020	mg/L	1.00	05/28/2004 12:26	
Chromium	0.017	0.0050	mg/L	1.00	05/28/2004 12:26	
Cobalt	ND	0.0050	mg/L	1.00	05/28/2004 12:26	
Copper	0.029	0.0050	mg/L	1.00	05/28/2004 12:26	
Lead	0.075	0.0050	mg/L	1.00	05/28/2004 12:26	
Molybdenum	0.15	0.0050	mg/L	1.00	05/28/2004 12:26	
Nickel	0.060	0.0050	mg/L	1.00	05/28/2004 12:26	
Selenium	ND	0.0050	mg/L	1.00	05/28/2004 12:26	
Silver	ND	0.0050	mg/L	1.00	05/28/2004 12:26	
Thallium	ND	0.0050	mg/L	1.00	05/28/2004 12:26	
Vanadium	0.010	0.0050	mg/L	1.00	05/28/2004 12:26	
Zinc	1.2	0.010	mg/L	1.00	05/28/2004 12:26	
Mercury	ND	0.00020	mg/L	1.00	05/28/2004 09:45	

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Project: 869-4A
Milpitas Sewage (Mil. Sewage)

Received: 05/25/2004 17:53

Prep(s):	3050B 7471A	Test(s):	6010B 7471A
Sample ID:	**BLD-9B**	Lab ID:	2004-05-0900 - 11
Sampled:	05/24/2004	Extracted:	5/26/2004 18:02 5/27/2004 07:47
Matrix:	Soil	QC Batch#:	2004/05/26-05.15 2004/05/27-01.16

Compound	Conc.	RL	Unit	Dilution	Analyzed	Flag
Antimony	3.0	2.0	mg/Kg	1.00	05/27/2004 09:27	
Arsenic	4.2	1.0	mg/Kg	1.00	05/27/2004 09:27	
Barium	82	1.0	mg/Kg	1.00	05/27/2004 09:27	
Beryllium	ND	0.50	mg/Kg	1.00	05/27/2004 09:27	
Cadmium	4.0	0.50	mg/Kg	1.00	05/27/2004 09:27	
Chromium	40	1.0	mg/Kg	1.00	05/27/2004 09:27	
Cobalt	3.0	1.0	mg/Kg	1.00	05/27/2004 09:27	
Copper	73	1.0	mg/Kg	1.00	05/27/2004 09:27	
Lead	99	1.0	mg/Kg	1.00	05/27/2004 09:27	
Molybdenum	1.1	1.0	mg/Kg	1.00	05/27/2004 09:27	
Nickel	38	1.0	mg/Kg	1.00	05/27/2004 09:27	
Selenium	ND	2.0	mg/Kg	1.00	05/27/2004 09:27	
Silver	ND	1.0	mg/Kg	1.00	05/27/2004 09:27	
Thallium	ND	1.0	mg/Kg	1.00	05/27/2004 09:27	
Vanadium	7.7	1.0	mg/Kg	1.00	05/27/2004 09:27	
Zinc	1700	1.0	mg/Kg	1.00	05/27/2004 09:27	
Mercury	0.43	0.050	mg/Kg	1.00	05/27/2004 10:16	

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Project: 869-4A
Milpitas Sewage (Mil. Sewage)

Received: 05/25/2004 17:53

Prep(s):	3010A 7470A	Test(s):	6010B 7470A
Sample ID:	**BLD-9C**	Lab ID:	2004-05-0900 - 12
Sampled:	05/24/2004	Extracted:	5/27/2004 10:48 5/27/2004 10:32
Matrix:	Water	QC Batch#:	2004/05/27-02.16 2004/05/27-03.15

Compound	Conc.	RL	Unit	Dilution	Analyzed	Flag
Antimony	0.0056	0.0050	mg/L	1.00	05/28/2004 12:49	
Arsenic	0.021	0.0050	mg/L	1.00	05/28/2004 12:49	
Barium	0.62	0.0050	mg/L	1.00	05/28/2004 12:49	
Beryllium	ND	0.0050	mg/L	1.00	05/28/2004 12:49	
Cadmium	0.019	0.0020	mg/L	1.00	05/28/2004 12:49	
Chromium	0.082	0.0050	mg/L	1.00	05/28/2004 12:49	
Cobalt	0.013	0.0050	mg/L	1.00	05/28/2004 12:49	
Copper	0.24	0.0050	mg/L	1.00	05/28/2004 12:49	
Lead	0.20	0.0050	mg/L	1.00	05/28/2004 12:49	
Molybdenum	0.012	0.0050	mg/L	1.00	05/28/2004 12:49	
Nickel	0.15	0.0050	mg/L	1.00	05/28/2004 12:49	
Selenium	ND	0.0050	mg/L	1.00	05/28/2004 12:49	
Silver	ND	0.0050	mg/L	1.00	05/28/2004 12:49	
Thallium	ND	0.0050	mg/L	1.00	05/28/2004 12:49	
Vanadium	0.069	0.0050	mg/L	1.00	05/28/2004 12:49	
Zinc	12	0.010	mg/L	1.00	05/28/2004 12:49	
Mercury	0.00035	0.00020	mg/L	1.00	05/28/2004 09:46	

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Project: 869-4A
Milpitas Sewage (Mil. Sewage)

Received: 05/25/2004 17:53

Prep(s):	3050B 7471A	Test(s):	6010B 7471A
Sample ID:	**BLD-9C**	Lab ID:	2004-05-0900 - 13
Sampled:	05/24/2004	Extracted:	5/26/2004 18:02 5/27/2004 07:47
Matrix:	Soil	QC Batch#:	2004/05/26-05.15 2004/05/27-01.16

Compound	Conc.	RL	Unit	Dilution	Analyzed	Flag
Antimony	ND	2.0	mg/Kg	1.00	05/27/2004 09:29	
Arsenic	6.4	1.0	mg/Kg	1.00	05/27/2004 09:29	
Barium	120	1.0	mg/Kg	1.00	05/27/2004 09:29	
Beryllium	ND	0.50	mg/Kg	1.00	05/27/2004 09:29	
Cadmium	1.0	0.50	mg/Kg	1.00	05/27/2004 09:29	
Chromium	69	1.0	mg/Kg	1.00	05/27/2004 09:29	
Cobalt	11	1.0	mg/Kg	1.00	05/27/2004 09:29	
Copper	56	1.0	mg/Kg	1.00	05/27/2004 09:29	
Lead	110	1.0	mg/Kg	1.00	05/27/2004 09:29	
Molybdenum	1.4	1.0	mg/Kg	1.00	05/27/2004 09:29	
Nickel	68	1.0	mg/Kg	1.00	05/27/2004 09:29	
Selenium	ND	2.0	mg/Kg	1.00	05/27/2004 09:29	
Silver	ND	1.0	mg/Kg	1.00	05/27/2004 09:29	
Thallium	ND	1.0	mg/Kg	1.00	05/27/2004 09:29	
Vanadium	21	1.0	mg/Kg	1.00	05/27/2004 09:29	
Zinc	640	1.0	mg/Kg	1.00	05/27/2004 09:29	
Mercury	0.41	0.050	mg/Kg	1.00	05/27/2004 11:01	

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Project: 869-4A
Milpitas Sewage (Mil. Sewage)

Received: 05/25/2004 17:53

Prep(s):	3010A 7470A	Test(s):	6010B 7470A
Sample ID:	**BLD-10A**	Lab ID:	2004-05-0900 - 14
Sampled:	05/24/2004	Extracted:	5/27/2004 10:48 5/27/2004 10:32
Matrix:	Water	QC Batch#:	2004/05/27-02.16 2004/05/27-03.15

Compound	Conc.	RL	Unit	Dilution	Analyzed	Flag
Antimony	0.013	0.0050	mg/L	1.00	05/28/2004 12:53	
Arsenic	0.011	0.0050	mg/L	1.00	05/28/2004 12:53	
Barium	0.13	0.0050	mg/L	1.00	05/28/2004 12:53	
Beryllium	ND	0.0050	mg/L	1.00	05/28/2004 12:53	
Cadmium	ND	0.0020	mg/L	1.00	05/28/2004 12:53	
Chromium	0.016	0.0050	mg/L	1.00	05/28/2004 12:53	
Cobalt	ND	0.0050	mg/L	1.00	05/28/2004 12:53	
Copper	0.042	0.0050	mg/L	1.00	05/28/2004 12:53	
Lead	0.070	0.0050	mg/L	1.00	05/28/2004 12:53	
Molybdenum	0.076	0.0050	mg/L	1.00	05/28/2004 12:53	
Nickel	0.065	0.0050	mg/L	1.00	05/28/2004 12:53	
Selenium	ND	0.0050	mg/L	1.00	05/28/2004 12:53	
Silver	ND	0.0050	mg/L	1.00	05/28/2004 12:53	
Thallium	ND	0.0050	mg/L	1.00	05/28/2004 12:53	
Vanadium	0.0079	0.0050	mg/L	1.00	05/28/2004 12:53	
Zinc	0.53	0.010	mg/L	1.00	05/28/2004 12:53	
Mercury	ND	0.00020	mg/L	1.00	05/28/2004 09:48	

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Project: 869-4A
Milpitas Sewage (Mil. Sewage)

Received: 05/25/2004 17:53

Prep(s):	3050B 7471A	Test(s):	6010B 7471A
Sample ID:	**BLD-10A**	Lab ID:	2004-05-0900 - 15
Sampled:	05/24/2004	Extracted:	5/27/2004 10:32 5/27/2004 07:47
Matrix:	Soil	QC Batch#:	2004/05/26-05.15 2004/05/27-01.16

Compound	Conc.	RL	Unit	Dilution	Analyzed	Flag
Antimony	ND	20	mg/Kg	10.00	05/28/2004 13:33	
Arsenic	13	10	mg/Kg	10.00	05/28/2004 13:33	
Barium	1400	10	mg/Kg	10.00	05/28/2004 13:33	
Beryllium	ND	5.0	mg/Kg	10.00	05/28/2004 13:33	
Cadmium	20	5.0	mg/Kg	10.00	05/28/2004 13:33	
Chromium	340	10	mg/Kg	10.00	05/28/2004 13:33	
Cobalt	ND	10	mg/Kg	10.00	05/28/2004 13:33	
Copper	620	10	mg/Kg	10.00	05/28/2004 13:33	
Lead	1500	10	mg/Kg	10.00	05/28/2004 13:33	
Molybdenum	14	10	mg/Kg	10.00	05/28/2004 13:33	
Nickel	150	10	mg/Kg	10.00	05/28/2004 13:33	
Selenium	ND	20	mg/Kg	10.00	05/28/2004 13:33	
Silver	43	10	mg/Kg	10.00	05/28/2004 13:33	
Thallium	ND	10	mg/Kg	10.00	05/28/2004 13:33	
Vanadium	33	10	mg/Kg	10.00	05/28/2004 13:33	
Zinc	2600	10	mg/Kg	10.00	05/28/2004 13:33	
Mercury	11	0.50	mg/Kg	10.00	05/27/2004 11:03	

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Project: 869-4A
Milpitas Sewage (Mil. Sewage)

Received: 05/25/2004 17:53

Prep(s):	3010A 7470A	Test(s):	6010B 7470A
Sample ID:	**BLD-10B**	Lab ID:	2004-05-0900 - 16
Sampled:	05/24/2004	Extracted:	5/27/2004 10:48 5/27/2004 10:32
Matrix:	Water	QC Batch#:	2004/05/27-02.16 2004/05/27-03.15

Compound	Conc.	RL	Unit	Dilution	Analyzed	Flag
Antimony	ND	0.0050	mg/L	1.00	05/28/2004 12:58	
Arsenic	0.0065	0.0050	mg/L	1.00	05/28/2004 12:58	
Barium	0.14	0.0050	mg/L	1.00	05/28/2004 12:58	
Beryllium	ND	0.0050	mg/L	1.00	05/28/2004 12:58	
Cadmium	ND	0.0020	mg/L	1.00	05/28/2004 12:58	
Chromium	ND	0.0050	mg/L	1.00	05/28/2004 12:58	
Cobalt	ND	0.0050	mg/L	1.00	05/28/2004 12:58	
Copper	ND	0.0050	mg/L	1.00	05/28/2004 12:58	
Lead	ND	0.0050	mg/L	1.00	05/28/2004 12:58	
Molybdenum	ND	0.0050	mg/L	1.00	05/28/2004 12:58	
Nickel	0.012	0.0050	mg/L	1.00	05/28/2004 12:58	
Selenium	ND	0.0050	mg/L	1.00	05/28/2004 12:58	
Silver	ND	0.0050	mg/L	1.00	05/28/2004 12:58	
Thallium	ND	0.0050	mg/L	1.00	05/28/2004 12:58	
Vanadium	ND	0.0050	mg/L	1.00	05/28/2004 12:58	
Zinc	0.027	0.010	mg/L	1.00	05/28/2004 12:58	
Mercury	ND	0.00020	mg/L	1.00	05/28/2004 09:49	

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Project: 869-4A
Milpitas Sewage (Mil. Sewage)

Received: 05/25/2004 17:53

Prep(s):	3050B 7471A	Test(s):	6010B 7471A
Sample ID:	**BLD-10B**	Lab ID:	2004-05-0900 - 17
Sampled:	05/24/2004	Extracted:	5/27/2004 13:12 5/28/2004 17:37
Matrix:	Soil	QC Batch#:	2004/05/27-04.15 2004/05/28-07.16

Compound	Conc.	RL	Unit	Dilution	Analyzed	Flag
Antimony	ND	2.0	mg/Kg	1.00	05/28/2004 08:38	
Arsenic	4.0	1.0	mg/Kg	1.00	05/28/2004 08:38	
Barium	130	1.0	mg/Kg	1.00	05/28/2004 08:38	
Beryllium	ND	0.50	mg/Kg	1.00	05/28/2004 08:38	
Cadmium	1.6	0.50	mg/Kg	1.00	05/28/2004 08:38	
Chromium	47	1.0	mg/Kg	1.00	05/28/2004 08:38	
Cobalt	5.2	1.0	mg/Kg	1.00	05/28/2004 08:38	
Copper	59	1.0	mg/Kg	1.00	05/28/2004 08:38	
Lead	140	1.0	mg/Kg	1.00	05/28/2004 08:38	
Molybdenum	1.9	1.0	mg/Kg	1.00	05/28/2004 08:38	
Nickel	38	1.0	mg/Kg	1.00	05/28/2004 08:38	
Selenium	ND	2.0	mg/Kg	1.00	05/28/2004 08:38	
Silver	3.6	1.0	mg/Kg	1.00	05/28/2004 08:38	
Thallium	ND	1.0	mg/Kg	1.00	05/28/2004 08:38	
Vanadium	17	1.0	mg/Kg	1.00	05/28/2004 08:38	
Zinc	290	1.0	mg/Kg	1.00	05/28/2004 08:38	
Mercury	0.94	0.050	mg/Kg	1.00	06/01/2004 14:04	

CAM 17 Metals

Lowney & Associates Mountain View
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Phone: (650) 967-2365 Fax: (650) 967-2785

Project: 869-4A
Milpitas Sewage (Mil. Sewage)

Received: 05/25/2004 17:53

Prep(s):	3050B 7471A	Test(s):	6010B 7471A
Sample ID:	**BLD-9A**	Lab ID:	2004-05-0900 - 18
Sampled:	05/24/2004 14:58	Extracted:	5/28/2004 05:16 5/28/2004 17:37
Matrix:	Soil	QC Batch#:	2004/05/28-01.15 2004/05/28-07.16

Compound	Conc.	RL	Unit	Dilution	Analyzed	Flag
Antimony	ND	2.0	mg/Kg	1.00	05/28/2004 10:54	
Arsenic	5.1	1.0	mg/Kg	1.00	05/28/2004 10:54	
Barium	100	1.0	mg/Kg	1.00	05/28/2004 10:54	
Beryllium	ND	0.50	mg/Kg	1.00	05/28/2004 10:54	
Cadmium	1.3	0.50	mg/Kg	1.00	05/28/2004 10:54	
Chromium	55	1.0	mg/Kg	1.00	05/28/2004 10:54	
Cobalt	8.3	1.0	mg/Kg	1.00	05/28/2004 10:54	
Copper	47	1.0	mg/Kg	1.00	05/28/2004 10:54	
Lead	52	1.0	mg/Kg	1.00	05/28/2004 10:54	
Molybdenum	ND	1.0	mg/Kg	1.00	05/28/2004 10:54	
Nickel	61	1.0	mg/Kg	1.00	05/28/2004 10:54	
Selenium	ND	2.0	mg/Kg	1.00	05/28/2004 10:54	
Silver	1.1	1.0	mg/Kg	1.00	05/28/2004 10:54	
Thallium	ND	1.0	mg/Kg	1.00	05/28/2004 10:54	
Vanadium	24	1.0	mg/Kg	1.00	05/28/2004 10:54	
Zinc	290	1.0	mg/Kg	1.00	05/28/2004 10:54	
Mercury	0.29	0.050	mg/Kg	1.00	06/01/2004 13:58	

CAM 17 Metals

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Project: 869-4A
Milpitas Sewage (Mil. Sewage)

Received: 05/25/2004 17:53

Batch QC Report

Prep(s): 3050B — Test(s): 6010B

Method Blank — **Soil** — **QC Batch # 2004/05/26-05.15**

MB: 2004/05/26-05.15-040 — Date Extracted: 05/26/2004 18:02

Compound	Conc.	RL	Unit	Analyzed	Flag
Antimony	ND	2.0	mg/Kg	05/27/2004 08:53	
Arsenic	ND	1.0	mg/Kg	05/27/2004 08:53	
Barium	ND	1.0	mg/Kg	05/27/2004 08:53	
Beryllium	ND	0.50	mg/Kg	05/27/2004 08:53	
Cadmium	ND	0.50	mg/Kg	05/27/2004 08:53	
Chromium	ND	1.0	mg/Kg	05/27/2004 08:53	
Cobalt	ND	1.0	mg/Kg	05/27/2004 08:53	
Copper	ND	1.0	mg/Kg	05/27/2004 08:53	
Lead	ND	1.0	mg/Kg	05/27/2004 08:53	
Molybdenum	ND	1.0	mg/Kg	05/27/2004 08:53	
Nickel	ND	1.0	mg/Kg	05/27/2004 08:53	
Selenium	ND	2.0	mg/Kg	05/27/2004 08:53	
Silver	ND	1.0	mg/Kg	05/27/2004 08:53	
Thallium	ND	1.0	mg/Kg	05/27/2004 08:53	
Vanadium	ND	1.0	mg/Kg	05/27/2004 08:53	
Zinc	ND	1.0	mg/Kg	05/27/2004 08:53	

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Project: 869-4A
Milpitas Sewage (Mil. Sewage)

Received: 05/25/2004 17:53

Batch QC Report

Prep(s): 7471A
Method Blank
MB: 2004/05/27-01.16-060

Soil

Test(s): 7471A
QC Batch # 2004/05/27-01.16
Date Extracted: 05/27/2004 07:47

Compound	Conc.	RL	Unit	Analyzed	Flag
Mercury	ND	0.050	mg/Kg	05/27/2004 09:56	

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Project: 869-4A
Milpitas Sewage (Mil. Sewage)

Received: 05/25/2004 17:53

Batch QC Report

Prep(s): 7470A
Method Blank
MB: 2004/05/27-02.16-033

Water

Test(s): 7470A
QC Batch # 2004/05/27-02.16
Date Extracted: 05/27/2004 10:48

Compound	Conc.	RL	Unit	Analyzed	Flag
Mercury	ND	0.0002	mg/L	05/28/2004 08:20	

CAM 17 Metals

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Project: 869-4A
Milpitas Sewage (Mil. Sewage)

Received: 05/25/2004 17:53

Batch QC Report

Prep(s): 3010A — Test(s): 6010B

Method Blank — **Water** — **QC Batch # 2004/05/27-03.15**

MB: 2004/05/27-03.15-064 — Date Extracted: 05/27/2004 10:32

Compound	Conc.	RL	Unit	Analyzed	Flag
Antimony	ND	0.0050	mg/L	05/28/2004 11:11	
Arsenic	ND	0.0050	mg/L	05/28/2004 11:11	
Barium	ND	0.0050	mg/L	05/28/2004 11:11	
Beryllium	ND	0.0050	mg/L	05/28/2004 11:11	
Cadmium	ND	0.0020	mg/L	05/28/2004 11:11	
Chromium	ND	0.0050	mg/L	05/28/2004 11:11	
Cobalt	ND	0.0050	mg/L	05/28/2004 11:11	
Copper	ND	0.0050	mg/L	05/28/2004 11:11	
Lead	ND	0.0050	mg/L	05/28/2004 11:11	
Molybdenum	ND	0.0050	mg/L	05/28/2004 11:11	
Nickel	ND	0.0050	mg/L	05/28/2004 11:11	
Selenium	ND	0.0050	mg/L	05/28/2004 11:11	
Silver	ND	0.0050	mg/L	05/28/2004 11:11	
Thallium	ND	0.0050	mg/L	05/28/2004 11:11	
Vanadium	ND	0.0050	mg/L	05/28/2004 11:11	
Zinc	ND	0.010	mg/L	05/28/2004 11:11	

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Project: 869-4A
Milpitas Sewage (Mil. Sewage)

Received: 05/25/2004 17:53

Batch QC Report

Prep(s): 3050B — Test(s): 6010B

Method Blank — **Soil** — **QC Batch # 2004/05/27-04.15**

MB: 2004/05/27-04.15-018 — Date Extracted: 05/27/2004 13:12

Compound	Conc.	RL	Unit	Analyzed	Flag
Antimony	ND	2.0	mg/Kg	05/28/2004 08:00	
Arsenic	ND	1.0	mg/Kg	05/28/2004 08:00	
Barium	ND	1.0	mg/Kg	05/28/2004 08:00	
Beryllium	ND	0.50	mg/Kg	05/28/2004 08:00	
Cadmium	ND	0.50	mg/Kg	05/28/2004 08:00	
Chromium	ND	1.0	mg/Kg	05/28/2004 08:00	
Cobalt	ND	1.0	mg/Kg	05/28/2004 08:00	
Copper	ND	1.0	mg/Kg	05/28/2004 08:00	
Lead	ND	1.0	mg/Kg	05/28/2004 08:00	
Molybdenum	ND	1.0	mg/Kg	05/28/2004 08:00	
Nickel	ND	1.0	mg/Kg	05/28/2004 08:00	
Selenium	ND	2.0	mg/Kg	05/28/2004 08:00	
Silver	ND	1.0	mg/Kg	05/28/2004 08:00	
Thallium	ND	1.0	mg/Kg	05/28/2004 08:00	
Vanadium	ND	1.0	mg/Kg	05/28/2004 08:00	
Zinc	ND	1.0	mg/Kg	05/28/2004 08:00	

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Project: 869-4A
Milpitas Sewage (Mil. Sewage)

Received: 05/25/2004 17:53

Batch QC Report

Prep(s): 3050B
Method Blank **Soil**
MB: 2004/05/28-01.15-044

Test(s): 6010B
QC Batch # 2004/05/28-01.15
Date Extracted: 05/28/2004 05:16

Compound	Conc.	RL	Unit	Analyzed	Flag
Antimony	ND	2.0	mg/Kg	05/28/2004 09:47	
Arsenic	ND	1.0	mg/Kg	05/28/2004 09:47	
Barium	ND	1.0	mg/Kg	05/28/2004 09:47	
Beryllium	ND	0.50	mg/Kg	05/28/2004 09:47	
Cadmium	ND	0.50	mg/Kg	05/28/2004 09:47	
Chromium	ND	1.0	mg/Kg	05/28/2004 09:47	
Cobalt	ND	1.0	mg/Kg	05/28/2004 09:47	
Copper	ND	1.0	mg/Kg	05/28/2004 09:47	
Lead	ND	1.0	mg/Kg	05/28/2004 09:47	
Molybdenum	ND	1.0	mg/Kg	05/28/2004 09:47	
Nickel	ND	1.0	mg/Kg	05/28/2004 09:47	
Selenium	ND	2.0	mg/Kg	05/28/2004 09:47	
Silver	ND	1.0	mg/Kg	05/28/2004 09:47	
Thallium	ND	1.0	mg/Kg	05/28/2004 09:47	
Vanadium	ND	1.0	mg/Kg	05/28/2004 09:47	
Zinc	ND	1.0	mg/Kg	05/28/2004 09:47	

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Project: 869-4A
Milpitas Sewage (Mil. Sewage)

Received: 05/25/2004 17:53

Batch QC Report

Prep(s): 7471A
Method Blank **Soil**
MB: 2004/05/28-07.16-164

Test(s): 7471A
QC Batch # 2004/05/28-07.16
Date Extracted: 05/28/2004 17:37

Compound	Conc.	RL	Unit	Analyzed	Flag
Mercury	ND	0.050	mg/Kg	06/01/2004 13:33	

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Project: 869-4A
Milpitas Sewage (Mil. Sewage)

Received: 05/25/2004 17:53

Batch QC Report

Prep(s): 3050B

Test(s): 6010B

Laboratory Control Spike **Soil** **QC Batch # 2004/05/26-05.15**

LCS 2004/05/26-05.15-041 Extracted: 05/26/2004 Analyzed: 05/27/2004 08:56
LCSD 2004/05/26-05.15-042 Extracted: 05/26/2004 Analyzed: 05/27/2004 08:59

Compound	Conc. mg/Kg		Exp.Conc.	Recovery %		RPD	Ctrl.Limits %		Flags	
	LCS	LCSD		LCS	LCSD	%	Rec.	RPD	LCS	LCSD
Antimony	97.0	96.6	100.0	97.0	96.6	0.4	80-120	20		
Arsenic	102	102	100.0	102.0	102.0	0.0	80-120	20		
Barium	103	102	100.0	103.0	102.0	1.0	80-120	20		
Beryllium	97.6	97.1	100.0	97.6	97.1	0.5	80-120	20		
Cadmium	99.1	97.8	100.0	99.1	97.8	1.3	80-120	20		
Chromium	99.3	98.1	100.0	99.3	98.1	1.2	80-120	20		
Cobalt	102	101	100.0	102.0	101.0	1.0	80-120	20		
Copper	102	101	100.0	102.0	101.0	1.0	80-120	20		
Lead	92.6	91.7	100.0	92.6	91.7	1.0	80-120	20		
Molybdenum	97.3	96.3	100.0	97.3	96.3	1.0	80-120	20		
Nickel	96.9	95.8	100.0	96.9	95.8	1.1	80-120	20		
Selenium	85.1	84.1	100.0	85.1	84.1	1.2	80-120	20		
Silver	94.7	93.7	100.0	94.7	93.7	1.1	80-120	20		
Thallium	101	99.5	100.0	101.0	99.5	1.5	80-120	20		
Vanadium	101	99.4	100.0	101.0	99.4	1.6	80-120	20		
Zinc	94.4	93.1	100.0	94.4	93.1	1.4	80-120	20		

SEVERN TRENT STL

Submission #: 2004-05-0900

CAM 17 Metals

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Project: 869-4A
Milpitas Sewage (Mil. Sewage)

Received: 05/25/2004 17:53

Batch QC Report

Prep(s): 7471A

Test(s): 7471A

Laboratory Control Spike **Soil** **QC Batch # 2004/05/27-01.16**

LCS 2004/05/27-01.16-061 Extracted: 05/27/2004 Analyzed: 05/27/2004 09:57
LCSD 2004/05/27-01.16-062 Extracted: 05/27/2004 Analyzed: 05/27/2004 09:59

Compound	Conc. mg/Kg		Exp.Conc.	Recovery %		RPD	Ctrl.Limits %		Flags	
	LCS	LCSD		LCS	LCSD	%	Rec.	RPD	LCS	LCSD
Mercury	0.456	0.455	0.500	91.2	91.0	0.2	85-115	20		

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Project: 869-4A
Milpitas Sewage (Mil. Sewage)

Received: 05/25/2004 17:53

Batch QC Report

Prep(s): 7470A

Test(s): 7470A

Laboratory Control Spike **Water** **QC Batch # 2004/05/27-02.16**

LCS 2004/05/27-02.16-034 Extracted: 05/27/2004 Analyzed: 05/28/2004 08:21
LCSD 2004/05/27-02.16-035 Extracted: 05/27/2004 Analyzed: 05/28/2004 08:22

Compound	Conc. mg/L		Exp.Conc.	Recovery %		RPD	Ctrl.Limits %		Flags	
	LCS	LCSD		LCS	LCSD	%	Rec.	RPD	LCS	LCSD
Mercury	0.0205	0.0195	0.0200	102.5	97.5	5.0	85-115	20		

CAM 17 Metals

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Project: 869-4A
Milpitas Sewage (Mil. Sewage)

Received: 05/25/2004 17:53

Batch QC Report

Prep(s): 3010A

Test(s): 6010B

Laboratory Control Spike **Water** **QC Batch # 2004/05/27-03.15**

LCS 2004/05/27-03.15-065 Extracted: 05/27/2004 Analyzed: 05/28/2004 11:15
LCSD 2004/05/27-03.15-066 Extracted: 05/27/2004 Analyzed: 05/28/2004 11:20

Compound	Conc. mg/L		Exp.Conc.	Recovery %		RPD	Ctrl.Limits %		Flags	
	LCS	LCSD		LCS	LCSD	%	Rec.	RPD	LCS	LCSD
Antimony	0.506	0.513	0.500	101.2	102.6	1.4	80-120	20		
Arsenic	0.517	0.518	0.500	103.4	103.6	0.2	80-120	20		
Barium	0.506	0.507	0.500	101.2	101.4	0.2	80-120	20		
Beryllium	0.486	0.488	0.500	97.2	97.6	0.4	80-120	20		
Cadmium	0.498	0.498	0.500	99.6	99.6	0.0	80-120	20		
Chromium	0.498	0.495	0.500	99.6	99.0	0.6	80-120	20		
Cobalt	0.506	0.508	0.500	101.2	101.6	0.4	80-120	20		
Copper	0.497	0.498	0.500	99.4	99.6	0.2	80-120	20		
Lead	0.480	0.481	0.500	96.0	96.2	0.2	80-120	20		
Molybdenum	0.493	0.495	0.500	98.6	99.0	0.4	80-120	20		
Nickel	0.497	0.495	0.500	99.4	99.0	0.4	80-120	20		
Selenium	0.464	0.470	0.500	92.8	94.0	1.3	80-120	20		
Silver	0.483	0.485	0.500	96.6	97.0	0.4	80-120	20		
Thallium	0.497	0.502	0.500	99.4	100.4	1.0	80-120	20		
Vanadium	0.496	0.497	0.500	99.2	99.4	0.2	80-120	20		
Zinc	0.493	0.491	0.500	98.6	98.2	0.4	80-120	20		

CAM 17 Metals

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Project: 869-4A
Milpitas Sewage (Mil. Sewage)

Received: 05/25/2004 17:53

Batch QC Report

Prep(s): 3050B

Test(s): 6010B

Laboratory Control Spike **Soil** **QC Batch # 2004/05/27-04.15**

LCS 2004/05/27-04.15-019 Extracted: 05/27/2004 Analyzed: 05/28/2004 08:05
LCSD 2004/05/27-04.15-020 Extracted: 05/27/2004 Analyzed: 05/28/2004 08:09

Compound	Conc. mg/Kg		Exp.Conc.	Recovery %		RPD	Ctrl.Limits %		Flags	
	LCS	LCSD		LCS	LCSD	%	Rec.	RPD	LCS	LCSD
Antimony	101	100	100.0	101.0	100.0	1.0	80-120	20		
Arsenic	103	101	100.0	103.0	101.0	2.0	80-120	20		
Barium	103	102	100.0	103.0	102.0	1.0	80-120	20		
Beryllium	100	99.2	100.0	100.0	99.2	0.8	80-120	20		
Cadmium	99.6	98.2	100.0	99.6	98.2	1.4	80-120	20		
Chromium	100	99.3	100.0	100.0	99.3	0.7	80-120	20		
Cobalt	102	101	100.0	102.0	101.0	1.0	80-120	20		
Copper	104	103	100.0	104.0	103.0	1.0	80-120	20		
Lead	96.4	94.9	100.0	96.4	94.9	1.6	80-120	20		
Molybdenum	103	101	100.0	103.0	101.0	2.0	80-120	20		
Nickel	98.8	97.7	100.0	98.8	97.7	1.1	80-120	20		
Selenium	90.1	87.6	100.0	90.1	87.6	2.8	80-120	20		
Silver	99.1	97.2	100.0	99.1	97.2	1.9	80-120	20		
Thallium	99.6	98.8	100.0	99.6	98.8	0.8	80-120	20		
Vanadium	103	101	100.0	103.0	101.0	2.0	80-120	20		
Zinc	96.9	95.4	100.0	96.9	95.4	1.6	80-120	20		

CAM 17 Metals

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Project: 869-4A
Milpitas Sewage (Mil. Sewage)

Received: 05/25/2004 17:53

Batch QC Report

Prep(s): 3050B

Test(s): 6010B

Laboratory Control Spike **Soil** **QC Batch # 2004/05/28-01.15**

LCS 2004/05/28-01.15-047 Extracted: 05/28/2004 Analyzed: 05/28/2004 10:00
LCSD 2004/05/28-01.15-048 Extracted: 05/28/2004 Analyzed: 05/28/2004 10:04

Compound	Conc. mg/Kg		Exp.Conc.	Recovery %		RPD	Ctrl.Limits %		Flags	
	LCS	LCSD		LCS	LCSD	%	Rec.	RPD	LCS	LCSD
Antimony	92.6	94.8	100.0	92.6	94.8	2.3	80-120	20		
Arsenic	98.7	99.9	100.0	98.7	99.9	1.2	80-120	20		
Barium	97.5	98.5	100.0	97.5	98.5	1.0	80-120	20		
Beryllium	93.3	95.1	100.0	93.3	95.1	1.9	80-120	20		
Cadmium	95.0	95.7	100.0	95.0	95.7	0.7	80-120	20		
Chromium	94.7	95.4	100.0	94.7	95.4	0.7	80-120	20		
Cobalt	97.2	98.1	100.0	97.2	98.1	0.9	80-120	20		
Copper	98.3	99.8	100.0	98.3	99.8	1.5	80-120	20		
Lead	91.5	91.9	100.0	91.5	91.9	0.4	80-120	20		
Molybdenum	96.1	97.1	100.0	96.1	97.1	1.0	80-120	20		
Nickel	93.8	94.6	100.0	93.8	94.6	0.8	80-120	20		
Selenium	86.5	88.8	100.0	86.5	88.8	2.6	80-120	20		
Silver	94.5	95.9	100.0	94.5	95.9	1.5	80-120	20		
Thallium	96.2	97.6	100.0	96.2	97.6	1.4	80-120	20		
Vanadium	96.4	97.2	100.0	96.4	97.2	0.8	80-120	20		
Zinc	91.8	92.3	100.0	91.8	92.3	0.5	80-120	20		

CAM 17 Metals

Lowney & Associates Mountain View
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Project: 869-4A
Milpitas Sewage (Mil. Sewage)

Received: 05/25/2004 17:53

Batch QC Report

Prep(s): 7471A

Test(s): 7471A

Laboratory Control Spike **Soil** **QC Batch # 2004/05/28-07.16**

LCS 2004/05/28-07.16-165 Extracted: 05/28/2004 Analyzed: 06/01/2004 13:35
LCSD 2004/05/28-07.16-166 Extracted: 05/28/2004 Analyzed: 06/01/2004 13:36

Compound	Conc.	mg/Kg	Exp.Conc.	Recovery %		RPD	Ctrl.Limits %		Flags	
	LCS	LCSD		LCS	LCSD	%	Rec.	RPD	LCS	LCSD
Mercury	0.472	0.472	0.500	94.4	94.4	0.0	85-115	20		

Fuel Oxygenates by 8260B

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Project: 869-4A
Milpitas Sewage (Mil. Sewage)

Received: 05/25/2004 17:53

Samples Reported

Sample Name	Date Sampled	Matrix	Lab #
BLD-3A	05/21/2004	Soil	2
BLD-3B	05/21/2004	Soil	4
BLD-8A	05/24/2004	Soil	8
BLD-8B	05/24/2004	Soil	9
BLD-9B	05/24/2004	Soil	11
BLD-10B	05/24/2004	Soil	17
BLD-9A	05/24/2004 14:58	Soil	18

Fuel Oxygenates by 8260B

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Project: 869-4A
Milpitas Sewage (Mil. Sewage)

Received: 05/25/2004 17:53

Prep(s): 5030B
Test(s): 8260B
Sample ID: **BLD-3A**
Lab ID: 2004-05-0900 - 2
Sampled: 05/21/2004
Extracted: 5/29/2004 22:37
Matrix: Soil
QC Batch#: 2004/05/29-02.62

Compound	Conc.	RL	Unit	Dilution	Analyzed	Flag
Gasoline	ND	1000	ug/Kg	1.00	05/29/2004 22:37	
Methyl tert-butyl ether (MTBE)	ND	5.0	ug/Kg	1.00	05/29/2004 22:37	
Benzene	ND	5.0	ug/Kg	1.00	05/29/2004 22:37	
Toluene	ND	5.0	ug/Kg	1.00	05/29/2004 22:37	
Ethyl benzene	ND	5.0	ug/Kg	1.00	05/29/2004 22:37	
Total xylenes	ND	5.0	ug/Kg	1.00	05/29/2004 22:37	
Surrogate(s)						
1,2-Dichloroethane-d4	102.3	72-124	%	1.00	05/29/2004 22:37	
Toluene-d8	93.4	75-116	%	1.00	05/29/2004 22:37	

Fuel Oxygenates by 8260B

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Project: 869-4A
Milpitas Sewage (Mil. Sewage)

Received: 05/25/2004 17:53

Prep(s): 5030B
Test(s): 8260B
Sample ID: **BLD-3B**
Lab ID: 2004-05-0900 - 4
Sampled: 05/21/2004
Extracted: 6/2/2004 10:48
Matrix: Soil
QC Batch#: 2004/06/02-01.62

Compound	Conc.	RL	Unit	Dilution	Analyzed	Flag
Gasoline	ND	1000	ug/Kg	1.00	06/02/2004 10:48	
Methyl tert-butyl ether (MTBE)	ND	5.0	ug/Kg	1.00	06/02/2004 10:48	
Benzene	ND	5.0	ug/Kg	1.00	06/02/2004 10:48	
Toluene	ND	5.0	ug/Kg	1.00	06/02/2004 10:48	
Ethyl benzene	ND	5.0	ug/Kg	1.00	06/02/2004 10:48	
Total xylenes	ND	5.0	ug/Kg	1.00	06/02/2004 10:48	
Surrogate(s)						
1,2-Dichloroethane-d4	97.7	72-124	%	1.00	06/02/2004 10:48	
Toluene-d8	103.8	75-116	%	1.00	06/02/2004 10:48	

Fuel Oxygenates by 8260B

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Project: 869-4A
Milpitas Sewage (Mil. Sewage)

Received: 05/25/2004 17:53

Prep(s): 5030B
Test(s): 8260B
Sample ID: **BLD-8A**
Lab ID: 2004-05-0900 - 8
Sampled: 05/24/2004
Extracted: 6/2/2004 01:57
Matrix: Soil
QC Batch#: 2004/06/01-03.62
Analysis Flag: o (See Legend and Note Section)

Compound	Conc.	RL	Unit	Dilution	Analyzed	Flag
Gasoline	25000	4900	ug/Kg	4.90	06/02/2004 01:57	g
Methyl tert-butyl ether (MTBE)	ND	25	ug/Kg	4.90	06/02/2004 01:57	
Benzene	ND	25	ug/Kg	4.90	06/02/2004 01:57	
Toluene	30	25	ug/Kg	4.90	06/02/2004 01:57	
Ethyl benzene	ND	25	ug/Kg	4.90	06/02/2004 01:57	
Total xylenes	190	25	ug/Kg	4.90	06/02/2004 01:57	
Surrogate(s)						
1,2-Dichloroethane-d4	102.5	72-124	%	4.90	06/02/2004 01:57	
Toluene-d8	95.2	75-116	%	4.90	06/02/2004 01:57	

Fuel Oxygenates by 8260B

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Project: 869-4A
Milpitas Sewage (Mil. Sewage)

Received: 05/25/2004 17:53

Prep(s): 5030B
Test(s): 8260B
Sample ID: **BLD-8B**
Lab ID: 2004-05-0900 - 9
Sampled: 05/24/2004
Extracted: 5/29/2004 23:21
Matrix: Soil
QC Batch#: 2004/05/29-02.62

Compound	Conc.	RL	Unit	Dilution	Analyzed	Flag
Gasoline	ND	1000	ug/Kg	1.00	05/29/2004 23:21	
Methyl tert-butyl ether (MTBE)	ND	5.0	ug/Kg	1.00	05/29/2004 23:21	
Benzene	ND	5.0	ug/Kg	1.00	05/29/2004 23:21	
Toluene	ND	5.0	ug/Kg	1.00	05/29/2004 23:21	
Ethyl benzene	ND	5.0	ug/Kg	1.00	05/29/2004 23:21	
Total xylenes	6.7	5.0	ug/Kg	1.00	05/29/2004 23:21	
Surrogate(s)						
1,2-Dichloroethane-d4	106.3	72-124	%	1.00	05/29/2004 23:21	
Toluene-d8	93.9	75-116	%	1.00	05/29/2004 23:21	

Fuel Oxygenates by 8260B

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Project: 869-4A
Milpitas Sewage (Mil. Sewage)

Received: 05/25/2004 17:53

Prep(s):	5030B	Test(s):	8260B
Sample ID:	**BLD-9B**	Lab ID:	2004-05-0900 - 11
Sampled:	05/24/2004	Extracted:	6/2/2004 02:42
Matrix:	Soil	QC Batch#:	2004/06/01-03.62

Compound	Conc.	RL	Unit	Dilution	Analyzed	Flag
Gasoline	ND	1000	ug/Kg	1.00	06/02/2004 02:42	
Methyl tert-butyl ether (MTBE)	ND	5.0	ug/Kg	1.00	06/02/2004 02:42	
Benzene	ND	5.0	ug/Kg	1.00	06/02/2004 02:42	
Toluene	ND	5.0	ug/Kg	1.00	06/02/2004 02:42	
Ethyl benzene	ND	5.0	ug/Kg	1.00	06/02/2004 02:42	
Total xylenes	ND	5.0	ug/Kg	1.00	06/02/2004 02:42	
Surrogate(s)						
1,2-Dichloroethane-d4	103.9	72-124	%	1.00	06/02/2004 02:42	
Toluene-d8	85.6	75-116	%	1.00	06/02/2004 02:42	

Fuel Oxygenates by 8260B

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Project: 869-4A
Milpitas Sewage (Mil. Sewage)

Received: 05/25/2004 17:53

Prep(s):	5030B	Test(s):	8260B
Sample ID:	**BLD-10B**	Lab ID:	2004-05-0900 - 17
Sampled:	05/24/2004	Extracted:	5/30/2004 00:06
Matrix:	Soil	QC Batch#:	2004/05/29-02.62

Analysis Flag: o (See Legend and Note Section)

Compound	Conc.	RL	Unit	Dilution	Analyzed	Flag
Gasoline	ND	3300	ug/Kg	3.33	05/30/2004 00:06	
Methyl tert-butyl ether (MTBE)	ND	17	ug/Kg	3.33	05/30/2004 00:06	
Benzene	ND	17	ug/Kg	3.33	05/30/2004 00:06	
Toluene	ND	17	ug/Kg	3.33	05/30/2004 00:06	
Ethyl benzene	ND	17	ug/Kg	3.33	05/30/2004 00:06	
Total xylenes	22	17	ug/Kg	3.33	05/30/2004 00:06	
Surrogate(s)						
1,2-Dichloroethane-d4	107.0	72-124	%	3.33	05/30/2004 00:06	
Toluene-d8	93.2	75-116	%	3.33	05/30/2004 00:06	

Fuel Oxygenates by 8260B

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Project: 869-4A
Milpitas Sewage (Mil. Sewage)

Received: 05/25/2004 17:53

Prep(s):	5030B	Test(s):	8260B
Sample ID:	**BLD-9A**	Lab ID:	2004-05-0900 - 18
Sampled:	05/24/2004 14:58	Extracted:	6/2/2004 11:14
Matrix:	Soil	QC Batch#:	2004/06/02-01.62

Compound	Conc.	RL	Unit	Dilution	Analyzed	Flag
Gasoline	ND	1000	ug/Kg	1.00	06/02/2004 11:14	
Methyl tert-butyl ether (MTBE)	ND	5.0	ug/Kg	1.00	06/02/2004 11:14	
Benzene	ND	5.0	ug/Kg	1.00	06/02/2004 11:14	
Toluene	ND	5.0	ug/Kg	1.00	06/02/2004 11:14	
Ethyl benzene	ND	5.0	ug/Kg	1.00	06/02/2004 11:14	
Total xylenes	ND	5.0	ug/Kg	1.00	06/02/2004 11:14	
Surrogate(s)						
1,2-Dichloroethane-d4	100.4	72-124	%	1.00	06/02/2004 11:14	
Toluene-d8	97.1	75-116	%	1.00	06/02/2004 11:14	

Fuel Oxygenates by 8260B

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Project: 869-4A
Milpitas Sewage (Mil. Sewage)

Received: 05/25/2004 17:53

Batch QC Report

Prep(s): 5030B — Test(s): 8260B
Method Blank — **Soil** — **QC Batch # 2004/05/29-02.62**
MB: 2004/05/29-02.62-023 — Date Extracted: 05/29/2004 17:23

Compound	Conc.	RL	Unit	Analyzed	Flag
Gasoline	ND	1000	ug/Kg	05/29/2004 17:23	
Methyl tert-butyl ether (MTBE)	ND	5.0	ug/Kg	05/29/2004 17:23	
Benzene	ND	5.0	ug/Kg	05/29/2004 17:23	
Toluene	ND	5.0	ug/Kg	05/29/2004 17:23	
Ethyl benzene	ND	5.0	ug/Kg	05/29/2004 17:23	
Total xylenes	ND	5.0	ug/Kg	05/29/2004 17:23	
Surrogates(s)					
1,2-Dichloroethane-d4	103.8	72-124	%	05/29/2004 17:23	
Toluene-d8	104.4	75-116	%	05/29/2004 17:23	

Fuel Oxygenates by 8260B

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Project: 869-4A
Milpitas Sewage (Mil. Sewage)

Received: 05/25/2004 17:53

Batch QC Report

Prep(s): 5030B — Test(s): 8260B

Method Blank — **Soil** — **QC Batch # 2004/06/01-03.62**

MB: 2004/06/01-03.62-054 — Date Extracted: 06/01/2004 17:54

Compound	Conc.	RL	Unit	Analyzed	Flag
Gasoline	ND	1000	ug/Kg	06/01/2004 17:54	
Methyl tert-butyl ether (MTBE)	ND	5.0	ug/Kg	06/01/2004 17:54	
Benzene	ND	5.0	ug/Kg	06/01/2004 17:54	
Toluene	ND	5.0	ug/Kg	06/01/2004 17:54	
Ethyl benzene	ND	5.0	ug/Kg	06/01/2004 17:54	
Total xylenes	ND	5.0	ug/Kg	06/01/2004 17:54	
Surrogates(s)					
1,2-Dichloroethane-d4	99.8	72-124	%	06/01/2004 17:54	
Toluene-d8	99.1	75-116	%	06/01/2004 17:54	

Fuel Oxygenates by 8260B

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Project: 869-4A
Milpitas Sewage (Mil. Sewage)

Received: 05/25/2004 17:53

Batch QC Report

Prep(s): 5030B — Test(s): 8260B

Method Blank — **Soil** — **QC Batch # 2004/06/02-01.62**

MB: 2004/06/02-01.62-021 — Date Extracted: 06/02/2004 07:21

Compound	Conc.	RL	Unit	Analyzed	Flag
Gasoline	ND	1000	ug/Kg	06/02/2004 07:21	
Methyl tert-butyl ether (MTBE)	ND	5.0	ug/Kg	06/02/2004 07:21	
Benzene	ND	5.0	ug/Kg	06/02/2004 07:21	
Toluene	ND	5.0	ug/Kg	06/02/2004 07:21	
Ethyl benzene	ND	5.0	ug/Kg	06/02/2004 07:21	
Total xylenes	ND	5.0	ug/Kg	06/02/2004 07:21	
Surrogates(s)					
1,2-Dichloroethane-d4	102.0	72-124	%	06/02/2004 07:21	
Toluene-d8	105.5	75-116	%	06/02/2004 07:21	

Fuel Oxygenates by 8260B

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Project: 869-4A
Milpitas Sewage (Mil. Sewage)

Received: 05/25/2004 17:53

Batch QC Report

Prep(s): 5030B

Test(s): 8260B

Laboratory Control Spike **Soil** **QC Batch # 2004/05/29-02.62**

LCS 2004/05/29-02.62-039 Extracted: 05/29/2004 Analyzed: 05/29/2004 16:39
LCSD 2004/05/29-02.62-001 Extracted: 05/29/2004 Analyzed: 05/29/2004 17:01

Compound	Conc. ug/Kg		Exp.Conc.	Recovery %		RPD	Ctrl.Limits %		Flags	
	LCS	LCSD		LCS	LCSD	%	Rec.	RPD	LCS	LCSD
Methyl tert-butyl ether (MTBE)	46.4	49.8	50.0	92.8	99.6	7.1	65-165	20		
Benzene	50.1	48.8	50.0	100.2	97.6	2.6	69-129	20		
Toluene	52.9	51.3	50.0	105.8	102.6	3.1	70-130	20		
Surrogates(s)										
1,2-Dichloroethane-d4	495	494	500	99.0	98.8		72-124			
Toluene-d8	518	519	500	103.6	103.8		75-116			

SEVERN TRENT STL

Submission #: 2004-05-0900

Fuel Oxygenates by 8260B

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Project: 869-4A
Milpitas Sewage (Mil. Sewage)

Received: 05/25/2004 17:53

Batch QC Report

Prep(s): 5030B

Test(s): 8260B

Laboratory Control Spike **Soil** **QC Batch # 2004/06/01-03.62**

LCS 2004/06/01-03.62-010 Extracted: 06/01/2004 Analyzed: 06/01/2004 17:10
LCSD 2004/06/01-03.62-032 Extracted: 06/01/2004 Analyzed: 06/01/2004 17:32

Compound	Conc. ug/Kg		Exp.Conc.	Recovery %		RPD	Ctrl.Limits %		Flags	
	LCS	LCSD		LCS	LCSD	%	Rec.	RPD	LCS	LCSD
Methyl tert-butyl ether (MTBE)	41.0	41.9	50.0	82.0	83.8	2.2	65-165	20		
Benzene	36.8	38.2	50.0	73.6	76.4	3.7	69-129	20		
Toluene	40.6	42.7	50.0	81.2	85.4	5.0	70-130	20		
Surrogates(s)										
1,2-Dichloroethane-d4	473	489	500	94.6	97.8		72-124			
Toluene-d8	490	517	500	98.0	103.4		75-116			

Fuel Oxygenates by 8260B

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Project: 869-4A
Milpitas Sewage (Mil. Sewage)

Received: 05/25/2004 17:53

Batch QC Report

Prep(s): 5030B

Test(s): 8260B

Laboratory Control Spike **Soil** **QC Batch # 2004/06/02-01.62**

LCS 2004/06/02-01.62-037 Extracted: 06/02/2004 Analyzed: 06/02/2004 06:37
LCSD 2004/06/02-01.62-059 Extracted: 06/02/2004 Analyzed: 06/02/2004 06:59

Compound	Conc. ug/Kg		Exp.Conc.	Recovery %		RPD	Ctrl.Limits %		Flags	
	LCS	LCSD		LCS	LCSD	%	Rec.	RPD	LCS	LCSD
Methyl tert-butyl ether (MTBE)	43.2	44.7	50.0	86.4	89.4	3.4	65-165	20		
Benzene	44.0	46.2	50.0	88.0	92.4	4.9	69-129	20		
Toluene	48.7	51.0	50.0	97.4	102.0	4.6	70-130	20		
Surrogates(s)										
1,2-Dichloroethane-d4	498	497	500	99.6	99.4		72-124			
Toluene-d8	509	541	500	101.8	108.2		75-116			

SEVERN TRENT STL

Submission #: 2004-05-0900

Fuel Oxygenates by 8260B

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Project: 869-4A
Milpitas Sewage (Mil. Sewage)

Received: 05/25/2004 17:53

Legend and Notes

Analysis Flag

o

Reporting limits were raised due to high level of analyte present in the sample.

Result Flag

g

Hydrocarbon reported in the gasoline range does not match our gasoline standard.

Volatile Organic Compounds by 8260B (Low Level)

Lowney & Associates Mountain View
Attn.: Stason Foster

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Phone: (650) 967-2365 Fax: (650) 967-2785

Project: 869-4A
Milpitas Sewage (Mil. Sewage)

Received: 05/25/2004 17:53

Samples Reported

Sample Name	Date Sampled	Matrix	Lab #
BLD-3A	05/21/2004	Water	1
BLD-3B	05/21/2004	Water	3
BLD-8A	05/21/2004	Water	5
BLD-8B	05/21/2004	Water	6
BLD-9A	05/21/2004	Water	7
BLD-9B	05/24/2004	Water	10
BLD-9C	05/24/2004	Water	12
BLD-10A	05/24/2004	Water	14
BLD-10B	05/24/2004	Water	16

Volatile Organic Compounds by 8260B (Low Level)

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Project: 869-4A
Milpitas Sewage (Mil. Sewage)

Received: 05/25/2004 17:53

Prep(s): 5030B
Test(s): 8260B
Sample ID: **BLD-3A**
Lab ID: 2004-05-0900 - 1
Sampled: 05/21/2004
Extracted: 6/1/2004 18:07
Matrix: Water
QC Batch#: 2004/06/01-01.60
Analysis Flag: lrn (See Legend and Note Section)

Compound	Conc.	RL	Unit	Dilution	Analyzed	Flag
MTBE	ND	20	ug/L	4.00	06/01/2004 18:07	
Acetone	ND	200	ug/L	4.00	06/01/2004 18:07	
Benzene	ND	2.0	ug/L	4.00	06/01/2004 18:07	
Bromodichloromethane	ND	2.0	ug/L	4.00	06/01/2004 18:07	
Bromobenzene	ND	4.0	ug/L	4.00	06/01/2004 18:07	
Bromochloromethane	ND	4.0	ug/L	4.00	06/01/2004 18:07	
Bromoform	ND	2.0	ug/L	4.00	06/01/2004 18:07	
Bromomethane	ND	4.0	ug/L	4.00	06/01/2004 18:07	
2-Butanone(MEK)	ND	200	ug/L	4.00	06/01/2004 18:07	
n-Butylbenzene	ND	4.0	ug/L	4.00	06/01/2004 18:07	
sec-Butylbenzene	ND	4.0	ug/L	4.00	06/01/2004 18:07	
tert-Butylbenzene	ND	4.0	ug/L	4.00	06/01/2004 18:07	
Carbon disulfide	ND	20	ug/L	4.00	06/01/2004 18:07	
Carbon tetrachloride	ND	2.0	ug/L	4.00	06/01/2004 18:07	
Chlorobenzene	ND	2.0	ug/L	4.00	06/01/2004 18:07	
Chloroethane	ND	4.0	ug/L	4.00	06/01/2004 18:07	
2-Chloroethylvinyl ether	ND	20	ug/L	4.00	06/01/2004 18:07	
Chloroform	ND	4.0	ug/L	4.00	06/01/2004 18:07	
Chloromethane	ND	4.0	ug/L	4.00	06/01/2004 18:07	
2-Chlorotoluene	ND	2.0	ug/L	4.00	06/01/2004 18:07	
4-Chlorotoluene	ND	2.0	ug/L	4.00	06/01/2004 18:07	
Dibromochloromethane	ND	2.0	ug/L	4.00	06/01/2004 18:07	
1,2-Dichlorobenzene	ND	2.0	ug/L	4.00	06/01/2004 18:07	
1,3-Dichlorobenzene	ND	2.0	ug/L	4.00	06/01/2004 18:07	
1,4-Dichlorobenzene	ND	2.0	ug/L	4.00	06/01/2004 18:07	
1,3-Dichloropropane	ND	4.0	ug/L	4.00	06/01/2004 18:07	
2,2-Dichloropropane	ND	2.0	ug/L	4.00	06/01/2004 18:07	
1,1-Dichloropropene	ND	2.0	ug/L	4.00	06/01/2004 18:07	
1,2-Dibromo-3-chloropropane	ND	4.0	ug/L	4.00	06/01/2004 18:07	

Volatile Organic Compounds by 8260B (Low Level)

Lowney & Associates Mountain View
Attn.: Stason Foster

405 Clyde Ave
Mountain View, CA 94043-2209
Phone: (650) 967-2365 Fax: (650) 967-2785

Project: 869-4A
Milpitas Sewage (Mil. Sewage)

Received: 05/25/2004 17:53

Prep(s): 5030B
Test(s): 8260B
Sample ID: **BLD-3A**
Lab ID: 2004-05-0900 - 1
Sampled: 05/21/2004
Extracted: 6/1/2004 18:07
Matrix: Water
QC Batch#: 2004/06/01-01.60
Analysis Flag: Irn (See Legend and Note Section)

Compound	Conc.	RL	Unit	Dilution	Analyzed	Flag
1,2-Dibromoethane	ND	2.0	ug/L	4.00	06/01/2004 18:07	
Dibromomethane	ND	2.0	ug/L	4.00	06/01/2004 18:07	
Dichlorodifluoromethane	ND	2.0	ug/L	4.00	06/01/2004 18:07	
1,1-Dichloroethane	ND	2.0	ug/L	4.00	06/01/2004 18:07	
1,2-Dichloroethane	ND	2.0	ug/L	4.00	06/01/2004 18:07	
1,1-Dichloroethene	ND	2.0	ug/L	4.00	06/01/2004 18:07	
cis-1,2-Dichloroethene	ND	2.0	ug/L	4.00	06/01/2004 18:07	
trans-1,2-Dichloroethene	ND	2.0	ug/L	4.00	06/01/2004 18:07	
1,2-Dichloropropane	ND	2.0	ug/L	4.00	06/01/2004 18:07	
cis-1,3-Dichloropropene	ND	2.0	ug/L	4.00	06/01/2004 18:07	
trans-1,3-Dichloropropene	ND	2.0	ug/L	4.00	06/01/2004 18:07	
Ethylbenzene	ND	2.0	ug/L	4.00	06/01/2004 18:07	
Hexachlorobutadiene	ND	4.0	ug/L	4.00	06/01/2004 18:07	
2-Hexanone	ND	200	ug/L	4.00	06/01/2004 18:07	
Isopropylbenzene	ND	2.0	ug/L	4.00	06/01/2004 18:07	
p-Isopropyltoluene	ND	4.0	ug/L	4.00	06/01/2004 18:07	
Methylene chloride	ND	20	ug/L	4.00	06/01/2004 18:07	
4-Methyl-2-pentanone (MIBK)	ND	200	ug/L	4.00	06/01/2004 18:07	
Naphthalene	ND	4.0	ug/L	4.00	06/01/2004 18:07	
n-Propylbenzene	ND	4.0	ug/L	4.00	06/01/2004 18:07	
Styrene	ND	2.0	ug/L	4.00	06/01/2004 18:07	
1,1,1,2-Tetrachloroethane	ND	2.0	ug/L	4.00	06/01/2004 18:07	
1,1,2,2-Tetrachloroethane	ND	2.0	ug/L	4.00	06/01/2004 18:07	
Tetrachloroethene	ND	2.0	ug/L	4.00	06/01/2004 18:07	
Toluene	ND	2.0	ug/L	4.00	06/01/2004 18:07	
1,2,3-Trichlorobenzene	ND	4.0	ug/L	4.00	06/01/2004 18:07	
1,2,4-Trichlorobenzene	ND	4.0	ug/L	4.00	06/01/2004 18:07	
1,1,1-Trichloroethane	ND	2.0	ug/L	4.00	06/01/2004 18:07	
1,1,2-Trichloroethane	ND	2.0	ug/L	4.00	06/01/2004 18:07	

SEVERN TRENT STL

Submission #: 2004-05-0900

Volatile Organic Compounds by 8260B (Low Level)

Lowney & Associates Mountain View
Attn.: Stason Foster

405 Clyde Ave
Mountain View, CA 94043-2209
Phone: (650) 967-2365 Fax: (650) 967-2785

Project: 869-4A
Milpitas Sewage (Mil. Sewage)

Received: 05/25/2004 17:53

Prep(s): 5030B
Test(s): 8260B
Sample ID: **BLD-3A**
Lab ID: 2004-05-0900 - 1
Sampled: 05/21/2004
Extracted: 6/1/2004 18:07
Matrix: Water
QC Batch#: 2004/06/01-01.60
Analysis Flag: Irn (See Legend and Note Section)

Compound	Conc.	RL	Unit	Dilution	Analyzed	Flag
Trichloroethene	ND	2.0	ug/L	4.00	06/01/2004 18:07	
Trichlorofluoromethane	ND	4.0	ug/L	4.00	06/01/2004 18:07	
Trichlorotrifluoroethane	ND	2.0	ug/L	4.00	06/01/2004 18:07	
1,2,4-Trimethylbenzene	ND	2.0	ug/L	4.00	06/01/2004 18:07	
1,3,5-Trimethylbenzene	ND	2.0	ug/L	4.00	06/01/2004 18:07	
Vinyl acetate	ND	100	ug/L	4.00	06/01/2004 18:07	
Vinyl chloride	ND	2.0	ug/L	4.00	06/01/2004 18:07	
Total xylenes	ND	4.0	ug/L	4.00	06/01/2004 18:07	
Surrogate(s)						
4-Bromofluorobenzene	91.5	79-118	%	4.00	06/01/2004 18:07	
1,2-Dichloroethane-d4	105.3	78-117	%	4.00	06/01/2004 18:07	
Toluene-d8	90.8	77-121	%	4.00	06/01/2004 18:07	

Volatile Organic Compounds by 8260B (Low Level)

Lowney & Associates Mountain View
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405 Clyde Ave
Mountain View, CA 94043-2209
Phone: (650) 967-2365 Fax: (650) 967-2785

Project: 869-4A
Milpitas Sewage (Mil. Sewage)

Received: 05/25/2004 17:53

Prep(s): 5030B
Test(s): 8260B
Sample ID: **BLD-3B**
Lab ID: 2004-05-0900 - 3
Sampled: 05/21/2004
Extracted: 6/1/2004 15:45
Matrix: Water
QC Batch#: 2004/06/01-01.71

Compound	Conc.	RL	Unit	Dilution	Analyzed	Flag
MTBE	ND	20	ug/L	4.00	06/01/2004 15:45	
Acetone	ND	200	ug/L	4.00	06/01/2004 15:45	
Benzene	ND	2.0	ug/L	4.00	06/01/2004 15:45	
Bromodichloromethane	ND	2.0	ug/L	4.00	06/01/2004 15:45	
Bromobenzene	ND	4.0	ug/L	4.00	06/01/2004 15:45	
Bromochloromethane	ND	4.0	ug/L	4.00	06/01/2004 15:45	
Bromoform	ND	2.0	ug/L	4.00	06/01/2004 15:45	
Bromomethane	ND	4.0	ug/L	4.00	06/01/2004 15:45	
2-Butanone(MEK)	ND	200	ug/L	4.00	06/01/2004 15:45	
n-Butylbenzene	ND	4.0	ug/L	4.00	06/01/2004 15:45	
sec-Butylbenzene	ND	4.0	ug/L	4.00	06/01/2004 15:45	
tert-Butylbenzene	ND	4.0	ug/L	4.00	06/01/2004 15:45	
Carbon disulfide	ND	20	ug/L	4.00	06/01/2004 15:45	
Carbon tetrachloride	ND	2.0	ug/L	4.00	06/01/2004 15:45	
Chlorobenzene	ND	2.0	ug/L	4.00	06/01/2004 15:45	
Chloroethane	ND	4.0	ug/L	4.00	06/01/2004 15:45	
2-Chloroethylvinyl ether	ND	20	ug/L	4.00	06/01/2004 15:45	
Chloroform	ND	4.0	ug/L	4.00	06/01/2004 15:45	
Chloromethane	ND	4.0	ug/L	4.00	06/01/2004 15:45	
2-Chlorotoluene	ND	2.0	ug/L	4.00	06/01/2004 15:45	
4-Chlorotoluene	ND	2.0	ug/L	4.00	06/01/2004 15:45	
Dibromochloromethane	ND	2.0	ug/L	4.00	06/01/2004 15:45	
1,2-Dichlorobenzene	ND	2.0	ug/L	4.00	06/01/2004 15:45	
1,3-Dichlorobenzene	ND	2.0	ug/L	4.00	06/01/2004 15:45	
1,4-Dichlorobenzene	ND	2.0	ug/L	4.00	06/01/2004 15:45	
1,3-Dichloropropane	ND	4.0	ug/L	4.00	06/01/2004 15:45	
2,2-Dichloropropane	ND	2.0	ug/L	4.00	06/01/2004 15:45	
1,1-Dichloropropene	ND	2.0	ug/L	4.00	06/01/2004 15:45	
1,2-Dibromo-3-chloropropane	ND	4.0	ug/L	4.00	06/01/2004 15:45	
1,2-Dibromoethane	ND	2.0	ug/L	4.00	06/01/2004 15:45	

Volatile Organic Compounds by 8260B (Low Level)

Lowney & Associates Mountain View
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405 Clyde Ave
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Phone: (650) 967-2365 Fax: (650) 967-2785

Project: 869-4A
Milpitas Sewage (Mil. Sewage)

Received: 05/25/2004 17:53

Prep(s): 5030B
Test(s): 8260B
Sample ID: **BLD-3B**
Lab ID: 2004-05-0900 - 3
Sampled: 05/21/2004
Extracted: 6/1/2004 15:45
Matrix: Water
QC Batch#: 2004/06/01-01.71

Compound	Conc.	RL	Unit	Dilution	Analyzed	Flag
Dibromomethane	ND	2.0	ug/L	4.00	06/01/2004 15:45	
Dichlorodifluoromethane	ND	2.0	ug/L	4.00	06/01/2004 15:45	
1,1-Dichloroethane	ND	2.0	ug/L	4.00	06/01/2004 15:45	
1,2-Dichloroethane	ND	2.0	ug/L	4.00	06/01/2004 15:45	
1,1-Dichloroethene	ND	2.0	ug/L	4.00	06/01/2004 15:45	
cis-1,2-Dichloroethene	ND	2.0	ug/L	4.00	06/01/2004 15:45	
trans-1,2-Dichloroethene	ND	2.0	ug/L	4.00	06/01/2004 15:45	
1,2-Dichloropropane	ND	2.0	ug/L	4.00	06/01/2004 15:45	
cis-1,3-Dichloropropene	ND	2.0	ug/L	4.00	06/01/2004 15:45	
trans-1,3-Dichloropropene	ND	2.0	ug/L	4.00	06/01/2004 15:45	
Ethylbenzene	ND	2.0	ug/L	4.00	06/01/2004 15:45	
Hexachlorobutadiene	ND	4.0	ug/L	4.00	06/01/2004 15:45	
2-Hexanone	ND	200	ug/L	4.00	06/01/2004 15:45	
Isopropylbenzene	ND	2.0	ug/L	4.00	06/01/2004 15:45	
p-Isopropyltoluene	ND	4.0	ug/L	4.00	06/01/2004 15:45	
Methylene chloride	ND	20	ug/L	4.00	06/01/2004 15:45	
4-Methyl-2-pentanone (MIBK)	ND	200	ug/L	4.00	06/01/2004 15:45	
Naphthalene	ND	4.0	ug/L	4.00	06/01/2004 15:45	
n-Propylbenzene	ND	4.0	ug/L	4.00	06/01/2004 15:45	
Styrene	ND	2.0	ug/L	4.00	06/01/2004 15:45	
1,1,1,2-Tetrachloroethane	ND	2.0	ug/L	4.00	06/01/2004 15:45	
1,1,2,2-Tetrachloroethane	ND	2.0	ug/L	4.00	06/01/2004 15:45	
Tetrachloroethene	ND	2.0	ug/L	4.00	06/01/2004 15:45	
Toluene	ND	2.0	ug/L	4.00	06/01/2004 15:45	
1,2,3-Trichlorobenzene	ND	4.0	ug/L	4.00	06/01/2004 15:45	
1,2,4-Trichlorobenzene	ND	4.0	ug/L	4.00	06/01/2004 15:45	
1,1,1-Trichloroethane	ND	2.0	ug/L	4.00	06/01/2004 15:45	
1,1,2-Trichloroethane	ND	2.0	ug/L	4.00	06/01/2004 15:45	
Trichloroethene	ND	2.0	ug/L	4.00	06/01/2004 15:45	
Trichlorofluoromethane	ND	4.0	ug/L	4.00	06/01/2004 15:45	

Volatile Organic Compounds by 8260B (Low Level)

Lowney & Associates Mountain View
Attn.: Stason Foster

405 Clyde Ave
Mountain View, CA 94043-2209
Phone: (650) 967-2365 Fax: (650) 967-2785

Project: 869-4A
Milpitas Sewage (Mil. Sewage)

Received: 05/25/2004 17:53

Prep(s): 5030B
Test(s): 8260B
Sample ID: **BLD-3B**
Lab ID: 2004-05-0900 - 3
Sampled: 05/21/2004
Extracted: 6/1/2004 15:45
Matrix: Water
QC Batch#: 2004/06/01-01.71

Compound	Conc.	RL	Unit	Dilution	Analyzed	Flag
Trichlorotrifluoroethane	ND	2.0	ug/L	4.00	06/01/2004 15:45	
1,2,4-Trimethylbenzene	ND	2.0	ug/L	4.00	06/01/2004 15:45	
1,3,5-Trimethylbenzene	ND	2.0	ug/L	4.00	06/01/2004 15:45	
Vinyl acetate	ND	100	ug/L	4.00	06/01/2004 15:45	
Vinyl chloride	ND	2.0	ug/L	4.00	06/01/2004 15:45	
Total xylenes	ND	4.0	ug/L	4.00	06/01/2004 15:45	
Surrogate(s)						
4-Bromofluorobenzene	87.4	79-118	%	4.00	06/01/2004 15:45	
1,2-Dichloroethane-d4	93.3	78-117	%	4.00	06/01/2004 15:45	
Toluene-d8	91.9	77-121	%	4.00	06/01/2004 15:45	

Volatile Organic Compounds by 8260B (Low Level)

Lowney & Associates Mountain View
Attn.: Stason Foster

405 Clyde Ave
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Phone: (650) 967-2365 Fax: (650) 967-2785

Project: 869-4A
Milpitas Sewage (Mil. Sewage)

Received: 05/25/2004 17:53

Prep(s): 5030B
Test(s): 8260B
Sample ID: **BLD-8A**
Lab ID: 2004-05-0900 - 5
Sampled: 05/21/2004
Extracted: 6/1/2004 17:59
Matrix: Water
QC Batch#: 2004/06/01-01.71

Compound	Conc.	RL	Unit	Dilution	Analyzed	Flag
MTBE	ND	20	ug/L	4.00	06/01/2004 17:59	
Acetone	ND	200	ug/L	4.00	06/01/2004 17:59	
Benzene	ND	2.0	ug/L	4.00	06/01/2004 17:59	
Bromodichloromethane	ND	2.0	ug/L	4.00	06/01/2004 17:59	
Bromobenzene	ND	4.0	ug/L	4.00	06/01/2004 17:59	
Bromochloromethane	ND	4.0	ug/L	4.00	06/01/2004 17:59	
Bromoform	ND	2.0	ug/L	4.00	06/01/2004 17:59	
Bromomethane	ND	4.0	ug/L	4.00	06/01/2004 17:59	
2-Butanone(MEK)	ND	200	ug/L	4.00	06/01/2004 17:59	
n-Butylbenzene	ND	4.0	ug/L	4.00	06/01/2004 17:59	
sec-Butylbenzene	ND	4.0	ug/L	4.00	06/01/2004 17:59	
tert-Butylbenzene	ND	4.0	ug/L	4.00	06/01/2004 17:59	
Carbon disulfide	ND	20	ug/L	4.00	06/01/2004 17:59	
Carbon tetrachloride	ND	2.0	ug/L	4.00	06/01/2004 17:59	
Chlorobenzene	ND	2.0	ug/L	4.00	06/01/2004 17:59	
Chloroethane	ND	4.0	ug/L	4.00	06/01/2004 17:59	
2-Chloroethylvinyl ether	ND	20	ug/L	4.00	06/01/2004 17:59	
Chloroform	ND	4.0	ug/L	4.00	06/01/2004 17:59	
Chloromethane	ND	4.0	ug/L	4.00	06/01/2004 17:59	
2-Chlorotoluene	ND	2.0	ug/L	4.00	06/01/2004 17:59	
4-Chlorotoluene	ND	2.0	ug/L	4.00	06/01/2004 17:59	
Dibromochloromethane	ND	2.0	ug/L	4.00	06/01/2004 17:59	
1,2-Dichlorobenzene	ND	2.0	ug/L	4.00	06/01/2004 17:59	
1,3-Dichlorobenzene	ND	2.0	ug/L	4.00	06/01/2004 17:59	
1,4-Dichlorobenzene	ND	2.0	ug/L	4.00	06/01/2004 17:59	
1,3-Dichloropropane	ND	4.0	ug/L	4.00	06/01/2004 17:59	
2,2-Dichloropropane	ND	2.0	ug/L	4.00	06/01/2004 17:59	
1,1-Dichloropropene	ND	2.0	ug/L	4.00	06/01/2004 17:59	
1,2-Dibromo-3-chloropropane	ND	4.0	ug/L	4.00	06/01/2004 17:59	
1,2-Dibromoethane	ND	2.0	ug/L	4.00	06/01/2004 17:59	

Volatile Organic Compounds by 8260B (Low Level)

Lowney & Associates Mountain View
Attn.: Stason Foster

405 Clyde Ave
Mountain View, CA 94043-2209
Phone: (650) 967-2365 Fax: (650) 967-2785

Project: 869-4A
Milpitas Sewage (Mil. Sewage)

Received: 05/25/2004 17:53

Prep(s): 5030B
Test(s): 8260B
Sample ID: **BLD-8A**
Lab ID: 2004-05-0900 - 5
Sampled: 05/21/2004
Extracted: 6/1/2004 17:59
Matrix: Water
QC Batch#: 2004/06/01-01.71

Compound	Conc.	RL	Unit	Dilution	Analyzed	Flag
Dibromomethane	ND	2.0	ug/L	4.00	06/01/2004 17:59	
Dichlorodifluoromethane	ND	2.0	ug/L	4.00	06/01/2004 17:59	
1,1-Dichloroethane	ND	2.0	ug/L	4.00	06/01/2004 17:59	
1,2-Dichloroethane	ND	2.0	ug/L	4.00	06/01/2004 17:59	
1,1-Dichloroethene	ND	2.0	ug/L	4.00	06/01/2004 17:59	
cis-1,2-Dichloroethene	ND	2.0	ug/L	4.00	06/01/2004 17:59	
trans-1,2-Dichloroethene	ND	2.0	ug/L	4.00	06/01/2004 17:59	
1,2-Dichloropropane	ND	2.0	ug/L	4.00	06/01/2004 17:59	
cis-1,3-Dichloropropene	ND	2.0	ug/L	4.00	06/01/2004 17:59	
trans-1,3-Dichloropropene	ND	2.0	ug/L	4.00	06/01/2004 17:59	
Ethylbenzene	ND	2.0	ug/L	4.00	06/01/2004 17:59	
Hexachlorobutadiene	ND	4.0	ug/L	4.00	06/01/2004 17:59	
2-Hexanone	ND	200	ug/L	4.00	06/01/2004 17:59	
Isopropylbenzene	ND	2.0	ug/L	4.00	06/01/2004 17:59	
p-Isopropyltoluene	ND	4.0	ug/L	4.00	06/01/2004 17:59	
Methylene chloride	ND	20	ug/L	4.00	06/01/2004 17:59	
4-Methyl-2-pentanone (MIBK)	ND	200	ug/L	4.00	06/01/2004 17:59	
Naphthalene	ND	4.0	ug/L	4.00	06/01/2004 17:59	
n-Propylbenzene	ND	4.0	ug/L	4.00	06/01/2004 17:59	
Styrene	ND	2.0	ug/L	4.00	06/01/2004 17:59	
1,1,1,2-Tetrachloroethane	ND	2.0	ug/L	4.00	06/01/2004 17:59	
1,1,2,2-Tetrachloroethane	ND	2.0	ug/L	4.00	06/01/2004 17:59	
Tetrachloroethene	ND	2.0	ug/L	4.00	06/01/2004 17:59	
Toluene	ND	2.0	ug/L	4.00	06/01/2004 17:59	
1,2,3-Trichlorobenzene	ND	4.0	ug/L	4.00	06/01/2004 17:59	
1,2,4-Trichlorobenzene	ND	4.0	ug/L	4.00	06/01/2004 17:59	
1,1,1-Trichloroethane	ND	2.0	ug/L	4.00	06/01/2004 17:59	
1,1,2-Trichloroethane	ND	2.0	ug/L	4.00	06/01/2004 17:59	
Trichloroethene	ND	2.0	ug/L	4.00	06/01/2004 17:59	
Trichlorofluoromethane	ND	4.0	ug/L	4.00	06/01/2004 17:59	

SEVERN TRENT STL

Submission #: 2004-05-0900

Volatile Organic Compounds by 8260B (Low Level)

Lowney & Associates Mountain View
Attn.: Stason Foster

405 Clyde Ave
Mountain View, CA 94043-2209
Phone: (650) 967-2365 Fax: (650) 967-2785

Project: 869-4A
Milpitas Sewage (Mil. Sewage)

Received: 05/25/2004 17:53

Prep(s): 5030B
Test(s): 8260B
Sample ID: **BLD-8A**
Lab ID: 2004-05-0900 - 5
Sampled: 05/21/2004
Extracted: 6/1/2004 17:59
Matrix: Water
QC Batch#: 2004/06/01-01.71

Compound	Conc.	RL	Unit	Dilution	Analyzed	Flag
Trichlorotrifluoroethane	ND	2.0	ug/L	4.00	06/01/2004 17:59	
1,2,4-Trimethylbenzene	ND	2.0	ug/L	4.00	06/01/2004 17:59	
1,3,5-Trimethylbenzene	ND	2.0	ug/L	4.00	06/01/2004 17:59	
Vinyl acetate	ND	100	ug/L	4.00	06/01/2004 17:59	
Vinyl chloride	ND	2.0	ug/L	4.00	06/01/2004 17:59	
Total xylenes	ND	4.0	ug/L	4.00	06/01/2004 17:59	
Surrogate(s)						
4-Bromofluorobenzene	88.3	79-118	%	4.00	06/01/2004 17:59	
1,2-Dichloroethane-d4	95.0	78-117	%	4.00	06/01/2004 17:59	
Toluene-d8	93.0	77-121	%	4.00	06/01/2004 17:59	

Volatile Organic Compounds by 8260B (Low Level)

Lowney & Associates Mountain View
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Phone: (650) 967-2365 Fax: (650) 967-2785

Project: 869-4A
Milpitas Sewage (Mil. Sewage)

Received: 05/25/2004 17:53

Prep(s): 5030B
Sample ID: **BLD-8B**
Sampled: 05/21/2004
Matrix: Water

Test(s): 8260B
Lab ID: 2004-05-0900 - 6
Extracted: 6/1/2004 18:32
QC Batch#: 2004/06/01-01.71

Compound	Conc.	RL	Unit	Dilution	Analyzed	Flag
MTBE	ND	20	ug/L	4.00	06/01/2004 18:32	
Acetone	ND	200	ug/L	4.00	06/01/2004 18:32	
Benzene	ND	2.0	ug/L	4.00	06/01/2004 18:32	
Bromodichloromethane	ND	2.0	ug/L	4.00	06/01/2004 18:32	
Bromobenzene	ND	4.0	ug/L	4.00	06/01/2004 18:32	
Bromochloromethane	ND	4.0	ug/L	4.00	06/01/2004 18:32	
Bromoform	ND	2.0	ug/L	4.00	06/01/2004 18:32	
Bromomethane	ND	4.0	ug/L	4.00	06/01/2004 18:32	
2-Butanone(MEK)	ND	200	ug/L	4.00	06/01/2004 18:32	
n-Butylbenzene	ND	4.0	ug/L	4.00	06/01/2004 18:32	
sec-Butylbenzene	ND	4.0	ug/L	4.00	06/01/2004 18:32	
tert-Butylbenzene	ND	4.0	ug/L	4.00	06/01/2004 18:32	
Carbon disulfide	ND	20	ug/L	4.00	06/01/2004 18:32	
Carbon tetrachloride	ND	2.0	ug/L	4.00	06/01/2004 18:32	
Chlorobenzene	ND	2.0	ug/L	4.00	06/01/2004 18:32	
Chloroethane	ND	4.0	ug/L	4.00	06/01/2004 18:32	
2-Chloroethylvinyl ether	ND	20	ug/L	4.00	06/01/2004 18:32	
Chloroform	ND	4.0	ug/L	4.00	06/01/2004 18:32	
Chloromethane	ND	4.0	ug/L	4.00	06/01/2004 18:32	
2-Chlorotoluene	ND	2.0	ug/L	4.00	06/01/2004 18:32	
4-Chlorotoluene	ND	2.0	ug/L	4.00	06/01/2004 18:32	
Dibromochloromethane	ND	2.0	ug/L	4.00	06/01/2004 18:32	
1,2-Dichlorobenzene	ND	2.0	ug/L	4.00	06/01/2004 18:32	
1,3-Dichlorobenzene	ND	2.0	ug/L	4.00	06/01/2004 18:32	
1,4-Dichlorobenzene	ND	2.0	ug/L	4.00	06/01/2004 18:32	
1,3-Dichloropropane	ND	4.0	ug/L	4.00	06/01/2004 18:32	
2,2-Dichloropropane	ND	2.0	ug/L	4.00	06/01/2004 18:32	
1,1-Dichloropropene	ND	2.0	ug/L	4.00	06/01/2004 18:32	
1,2-Dibromo-3-chloropropane	ND	4.0	ug/L	4.00	06/01/2004 18:32	
1,2-Dibromoethane	ND	2.0	ug/L	4.00	06/01/2004 18:32	

Volatile Organic Compounds by 8260B (Low Level)

Lowney & Associates Mountain View
Attn.: Stason Foster

405 Clyde Ave
Mountain View, CA 94043-2209
Phone: (650) 967-2365 Fax: (650) 967-2785

Project: 869-4A
Milpitas Sewage (Mil. Sewage)

Received: 05/25/2004 17:53

Prep(s): 5030B
Sample ID: **BLD-8B**
Sampled: 05/21/2004
Matrix: Water

Test(s): 8260B
Lab ID: 2004-05-0900 - 6
Extracted: 6/1/2004 18:32
QC Batch#: 2004/06/01-01.71

Compound	Conc.	RL	Unit	Dilution	Analyzed	Flag
Dibromomethane	ND	2.0	ug/L	4.00	06/01/2004 18:32	
Dichlorodifluoromethane	ND	2.0	ug/L	4.00	06/01/2004 18:32	
1,1-Dichloroethane	ND	2.0	ug/L	4.00	06/01/2004 18:32	
1,2-Dichloroethane	ND	2.0	ug/L	4.00	06/01/2004 18:32	
1,1-Dichloroethene	ND	2.0	ug/L	4.00	06/01/2004 18:32	
cis-1,2-Dichloroethene	ND	2.0	ug/L	4.00	06/01/2004 18:32	
trans-1,2-Dichloroethene	ND	2.0	ug/L	4.00	06/01/2004 18:32	
1,2-Dichloropropane	ND	2.0	ug/L	4.00	06/01/2004 18:32	
cis-1,3-Dichloropropene	ND	2.0	ug/L	4.00	06/01/2004 18:32	
trans-1,3-Dichloropropene	ND	2.0	ug/L	4.00	06/01/2004 18:32	
Ethylbenzene	ND	2.0	ug/L	4.00	06/01/2004 18:32	
Hexachlorobutadiene	ND	4.0	ug/L	4.00	06/01/2004 18:32	
2-Hexanone	ND	200	ug/L	4.00	06/01/2004 18:32	
Isopropylbenzene	ND	2.0	ug/L	4.00	06/01/2004 18:32	
p-Isopropyltoluene	ND	4.0	ug/L	4.00	06/01/2004 18:32	
Methylene chloride	ND	20	ug/L	4.00	06/01/2004 18:32	
4-Methyl-2-pentanone (MIBK)	ND	200	ug/L	4.00	06/01/2004 18:32	
Naphthalene	ND	4.0	ug/L	4.00	06/01/2004 18:32	
n-Propylbenzene	ND	4.0	ug/L	4.00	06/01/2004 18:32	
Styrene	ND	2.0	ug/L	4.00	06/01/2004 18:32	
1,1,1,2-Tetrachloroethane	ND	2.0	ug/L	4.00	06/01/2004 18:32	
1,1,2,2-Tetrachloroethane	ND	2.0	ug/L	4.00	06/01/2004 18:32	
Tetrachloroethene	ND	2.0	ug/L	4.00	06/01/2004 18:32	
Toluene	ND	2.0	ug/L	4.00	06/01/2004 18:32	
1,2,3-Trichlorobenzene	ND	4.0	ug/L	4.00	06/01/2004 18:32	
1,2,4-Trichlorobenzene	ND	4.0	ug/L	4.00	06/01/2004 18:32	
1,1,1-Trichloroethane	ND	2.0	ug/L	4.00	06/01/2004 18:32	
1,1,2-Trichloroethane	ND	2.0	ug/L	4.00	06/01/2004 18:32	
Trichloroethene	ND	2.0	ug/L	4.00	06/01/2004 18:32	
Trichlorofluoromethane	ND	4.0	ug/L	4.00	06/01/2004 18:32	

Volatile Organic Compounds by 8260B (Low Level)

Lowney & Associates Mountain View
Attn.: Stason Foster

405 Clyde Ave
Mountain View, CA 94043-2209
Phone: (650) 967-2365 Fax: (650) 967-2785

Project: 869-4A
Milpitas Sewage (Mil. Sewage)

Received: 05/25/2004 17:53

Prep(s): 5030B
Test(s): 8260B
Sample ID: **BLD-8B**
Lab ID: 2004-05-0900 - 6
Sampled: 05/21/2004
Extracted: 6/1/2004 18:32
Matrix: Water
QC Batch#: 2004/06/01-01.71

Compound	Conc.	RL	Unit	Dilution	Analyzed	Flag
Trichlorotrifluoroethane	ND	2.0	ug/L	4.00	06/01/2004 18:32	
1,2,4-Trimethylbenzene	ND	2.0	ug/L	4.00	06/01/2004 18:32	
1,3,5-Trimethylbenzene	ND	2.0	ug/L	4.00	06/01/2004 18:32	
Vinyl acetate	ND	100	ug/L	4.00	06/01/2004 18:32	
Vinyl chloride	ND	2.0	ug/L	4.00	06/01/2004 18:32	
Total xylenes	ND	4.0	ug/L	4.00	06/01/2004 18:32	
Surrogate(s)						
4-Bromofluorobenzene	89.7	79-118	%	4.00	06/01/2004 18:32	
1,2-Dichloroethane-d4	94.5	78-117	%	4.00	06/01/2004 18:32	
Toluene-d8	92.6	77-121	%	4.00	06/01/2004 18:32	

Volatile Organic Compounds by 8260B (Low Level)

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Project: 869-4A
Milpitas Sewage (Mil. Sewage)

Received: 05/25/2004 17:53

Prep(s): 5030B
Test(s): 8260B
Sample ID: **BLD-9A**
Lab ID: 2004-05-0900 - 7
Sampled: 05/21/2004
Extracted: 6/2/2004 12:36
Matrix: Water
QC Batch#: 2004/06/02-01.06
Analysis Flag: o (See Legend and Note Section)

Compound	Conc.	RL	Unit	Dilution	Analyzed	Flag
MTBE	ND	25	ug/L	5.00	06/02/2004 12:36	
Acetone	ND	250	ug/L	5.00	06/02/2004 12:36	
Benzene	ND	2.5	ug/L	5.00	06/02/2004 12:36	
Bromodichloromethane	ND	2.5	ug/L	5.00	06/02/2004 12:36	
Bromobenzene	ND	5.0	ug/L	5.00	06/02/2004 12:36	
Bromochloromethane	ND	5.0	ug/L	5.00	06/02/2004 12:36	
Bromoform	ND	2.5	ug/L	5.00	06/02/2004 12:36	
Bromomethane	ND	5.0	ug/L	5.00	06/02/2004 12:36	
2-Butanone(MEK)	ND	250	ug/L	5.00	06/02/2004 12:36	
n-Butylbenzene	ND	5.0	ug/L	5.00	06/02/2004 12:36	
sec-Butylbenzene	ND	5.0	ug/L	5.00	06/02/2004 12:36	
tert-Butylbenzene	ND	5.0	ug/L	5.00	06/02/2004 12:36	
Carbon disulfide	ND	25	ug/L	5.00	06/02/2004 12:36	
Carbon tetrachloride	ND	2.5	ug/L	5.00	06/02/2004 12:36	
Chlorobenzene	ND	2.5	ug/L	5.00	06/02/2004 12:36	
Chloroethane	ND	5.0	ug/L	5.00	06/02/2004 12:36	
2-Chloroethylvinyl ether	ND	25	ug/L	5.00	06/02/2004 12:36	
Chloroform	ND	5.0	ug/L	5.00	06/02/2004 12:36	
Chloromethane	ND	5.0	ug/L	5.00	06/02/2004 12:36	
2-Chlorotoluene	ND	2.5	ug/L	5.00	06/02/2004 12:36	
4-Chlorotoluene	ND	2.5	ug/L	5.00	06/02/2004 12:36	
Dibromochloromethane	ND	2.5	ug/L	5.00	06/02/2004 12:36	
1,2-Dichlorobenzene	ND	2.5	ug/L	5.00	06/02/2004 12:36	
1,3-Dichlorobenzene	ND	2.5	ug/L	5.00	06/02/2004 12:36	
1,4-Dichlorobenzene	ND	2.5	ug/L	5.00	06/02/2004 12:36	
1,3-Dichloropropane	ND	5.0	ug/L	5.00	06/02/2004 12:36	
2,2-Dichloropropane	ND	2.5	ug/L	5.00	06/02/2004 12:36	
1,1-Dichloropropene	ND	2.5	ug/L	5.00	06/02/2004 12:36	
1,2-Dibromo-3-chloropropane	ND	5.0	ug/L	5.00	06/02/2004 12:36	

Volatile Organic Compounds by 8260B (Low Level)

Lowney & Associates Mountain View
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405 Clyde Ave
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Project: 869-4A
Milpitas Sewage (Mil. Sewage)

Received: 05/25/2004 17:53

Prep(s): 5030B
Test(s): 8260B
Sample ID: **BLD-9A**
Lab ID: 2004-05-0900 - 7
Sampled: 05/21/2004
Extracted: 6/2/2004 12:36
Matrix: Water
QC Batch#: 2004/06/02-01.06
Analysis Flag: o (See Legend and Note Section)

Compound	Conc.	RL	Unit	Dilution	Analyzed	Flag
1,2-Dibromoethane	ND	2.5	ug/L	5.00	06/02/2004 12:36	
Dibromomethane	ND	2.5	ug/L	5.00	06/02/2004 12:36	
Dichlorodifluoromethane	ND	2.5	ug/L	5.00	06/02/2004 12:36	
1,1-Dichloroethane	ND	2.5	ug/L	5.00	06/02/2004 12:36	
1,2-Dichloroethane	ND	2.5	ug/L	5.00	06/02/2004 12:36	
1,1-Dichloroethene	ND	2.5	ug/L	5.00	06/02/2004 12:36	
cis-1,2-Dichloroethene	ND	2.5	ug/L	5.00	06/02/2004 12:36	
trans-1,2-Dichloroethene	ND	2.5	ug/L	5.00	06/02/2004 12:36	
1,2-Dichloropropane	ND	2.5	ug/L	5.00	06/02/2004 12:36	
cis-1,3-Dichloropropene	ND	2.5	ug/L	5.00	06/02/2004 12:36	
trans-1,3-Dichloropropene	ND	2.5	ug/L	5.00	06/02/2004 12:36	
Ethylbenzene	ND	2.5	ug/L	5.00	06/02/2004 12:36	
Hexachlorobutadiene	ND	5.0	ug/L	5.00	06/02/2004 12:36	
2-Hexanone	ND	250	ug/L	5.00	06/02/2004 12:36	
Isopropylbenzene	ND	2.5	ug/L	5.00	06/02/2004 12:36	
p-Isopropyltoluene	ND	5.0	ug/L	5.00	06/02/2004 12:36	
Methylene chloride	ND	25	ug/L	5.00	06/02/2004 12:36	
4-Methyl-2-pentanone (MIBK)	ND	250	ug/L	5.00	06/02/2004 12:36	
Naphthalene	ND	5.0	ug/L	5.00	06/02/2004 12:36	
n-Propylbenzene	ND	5.0	ug/L	5.00	06/02/2004 12:36	
Styrene	ND	2.5	ug/L	5.00	06/02/2004 12:36	
1,1,1,2-Tetrachloroethane	ND	2.5	ug/L	5.00	06/02/2004 12:36	
1,1,2,2-Tetrachloroethane	ND	2.5	ug/L	5.00	06/02/2004 12:36	
Tetrachloroethene	ND	2.5	ug/L	5.00	06/02/2004 12:36	
Toluene	ND	2.5	ug/L	5.00	06/02/2004 12:36	
1,2,3-Trichlorobenzene	ND	5.0	ug/L	5.00	06/02/2004 12:36	
1,2,4-Trichlorobenzene	ND	5.0	ug/L	5.00	06/02/2004 12:36	
1,1,1-Trichloroethane	ND	2.5	ug/L	5.00	06/02/2004 12:36	
1,1,2-Trichloroethane	ND	2.5	ug/L	5.00	06/02/2004 12:36	

SEVERN TRENT STL

Submission #: 2004-05-0900

Volatile Organic Compounds by 8260B (Low Level)

Lowney & Associates Mountain View
Attn.: Stason Foster

405 Clyde Ave
Mountain View, CA 94043-2209
Phone: (650) 967-2365 Fax: (650) 967-2785

Project: 869-4A
Milpitas Sewage (Mil. Sewage)

Received: 05/25/2004 17:53

Prep(s): 5030B
Test(s): 8260B
Sample ID: **BLD-9A**
Lab ID: 2004-05-0900 - 7
Sampled: 05/21/2004
Extracted: 6/2/2004 12:36
Matrix: Water
QC Batch#: 2004/06/02-01.06
Analysis Flag: o (See Legend and Note Section)

Compound	Conc.	RL	Unit	Dilution	Analyzed	Flag
Trichloroethene	ND	2.5	ug/L	5.00	06/02/2004 12:36	
Trichlorofluoromethane	ND	5.0	ug/L	5.00	06/02/2004 12:36	
Trichlorotrifluoroethane	ND	2.5	ug/L	5.00	06/02/2004 12:36	
1,2,4-Trimethylbenzene	4.0	2.5	ug/L	5.00	06/02/2004 12:36	
1,3,5-Trimethylbenzene	ND	2.5	ug/L	5.00	06/02/2004 12:36	
Vinyl acetate	ND	130	ug/L	5.00	06/02/2004 12:36	
Vinyl chloride	ND	2.5	ug/L	5.00	06/02/2004 12:36	
Total xylenes	5.6	5.0	ug/L	5.00	06/02/2004 12:36	
Surrogate(s)						
4-Bromofluorobenzene	83.2	79-118	%	5.00	06/02/2004 12:36	
1,2-Dichloroethane-d4	91.8	78-117	%	5.00	06/02/2004 12:36	
Toluene-d8	93.7	77-121	%	5.00	06/02/2004 12:36	

Volatile Organic Compounds by 8260B (Low Level)

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405 Clyde Ave
Mountain View, CA 94043-2209
Phone: (650) 967-2365 Fax: (650) 967-2785

Project: 869-4A
Milpitas Sewage (Mil. Sewage)

Received: 05/25/2004 17:53

Prep(s): 5030B
Test(s): 8260B
Sample ID: **BLD-9B**
Lab ID: 2004-05-0900 - 10
Sampled: 05/24/2004
Extracted: 6/2/2004 13:11
Matrix: Water
QC Batch#: 2004/06/02-01.06
Analysis Flag: o (See Legend and Note Section)

Compound	Conc.	RL	Unit	Dilution	Analyzed	Flag
MTBE	ND	25	ug/L	5.00	06/02/2004 13:11	
Acetone	ND	250	ug/L	5.00	06/02/2004 13:11	
Benzene	ND	2.5	ug/L	5.00	06/02/2004 13:11	
Bromodichloromethane	ND	2.5	ug/L	5.00	06/02/2004 13:11	
Bromobenzene	ND	5.0	ug/L	5.00	06/02/2004 13:11	
Bromochloromethane	ND	5.0	ug/L	5.00	06/02/2004 13:11	
Bromoform	ND	2.5	ug/L	5.00	06/02/2004 13:11	
Bromomethane	ND	5.0	ug/L	5.00	06/02/2004 13:11	
2-Butanone(MEK)	ND	250	ug/L	5.00	06/02/2004 13:11	
n-Butylbenzene	ND	5.0	ug/L	5.00	06/02/2004 13:11	
sec-Butylbenzene	ND	5.0	ug/L	5.00	06/02/2004 13:11	
tert-Butylbenzene	ND	5.0	ug/L	5.00	06/02/2004 13:11	
Carbon disulfide	ND	25	ug/L	5.00	06/02/2004 13:11	
Carbon tetrachloride	ND	2.5	ug/L	5.00	06/02/2004 13:11	
Chlorobenzene	ND	2.5	ug/L	5.00	06/02/2004 13:11	
Chloroethane	ND	5.0	ug/L	5.00	06/02/2004 13:11	
2-Chloroethylvinyl ether	ND	25	ug/L	5.00	06/02/2004 13:11	
Chloroform	ND	5.0	ug/L	5.00	06/02/2004 13:11	
Chloromethane	ND	5.0	ug/L	5.00	06/02/2004 13:11	
2-Chlorotoluene	ND	2.5	ug/L	5.00	06/02/2004 13:11	
4-Chlorotoluene	ND	2.5	ug/L	5.00	06/02/2004 13:11	
Dibromochloromethane	ND	2.5	ug/L	5.00	06/02/2004 13:11	
1,2-Dichlorobenzene	ND	2.5	ug/L	5.00	06/02/2004 13:11	
1,3-Dichlorobenzene	ND	2.5	ug/L	5.00	06/02/2004 13:11	
1,4-Dichlorobenzene	ND	2.5	ug/L	5.00	06/02/2004 13:11	
1,3-Dichloropropane	ND	5.0	ug/L	5.00	06/02/2004 13:11	
2,2-Dichloropropane	ND	2.5	ug/L	5.00	06/02/2004 13:11	
1,1-Dichloropropene	ND	2.5	ug/L	5.00	06/02/2004 13:11	
1,2-Dibromo-3-chloropropane	ND	5.0	ug/L	5.00	06/02/2004 13:11	

Volatile Organic Compounds by 8260B (Low Level)

Lowney & Associates Mountain View
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405 Clyde Ave
Mountain View, CA 94043-2209
Phone: (650) 967-2365 Fax: (650) 967-2785

Project: 869-4A
Milpitas Sewage (Mil. Sewage)

Received: 05/25/2004 17:53

Prep(s): 5030B
Test(s): 8260B
Sample ID: **BLD-9B**
Lab ID: 2004-05-0900 - 10
Sampled: 05/24/2004
Extracted: 6/2/2004 13:11
Matrix: Water
QC Batch#: 2004/06/02-01.06
Analysis Flag: o (See Legend and Note Section)

Compound	Conc.	RL	Unit	Dilution	Analyzed	Flag
1,2-Dibromoethane	ND	2.5	ug/L	5.00	06/02/2004 13:11	
Dibromomethane	ND	2.5	ug/L	5.00	06/02/2004 13:11	
Dichlorodifluoromethane	ND	2.5	ug/L	5.00	06/02/2004 13:11	
1,1-Dichloroethane	ND	2.5	ug/L	5.00	06/02/2004 13:11	
1,2-Dichloroethane	ND	2.5	ug/L	5.00	06/02/2004 13:11	
1,1-Dichloroethene	ND	2.5	ug/L	5.00	06/02/2004 13:11	
cis-1,2-Dichloroethene	ND	2.5	ug/L	5.00	06/02/2004 13:11	
trans-1,2-Dichloroethene	ND	2.5	ug/L	5.00	06/02/2004 13:11	
1,2-Dichloropropane	ND	2.5	ug/L	5.00	06/02/2004 13:11	
cis-1,3-Dichloropropene	ND	2.5	ug/L	5.00	06/02/2004 13:11	
trans-1,3-Dichloropropene	ND	2.5	ug/L	5.00	06/02/2004 13:11	
Ethylbenzene	ND	2.5	ug/L	5.00	06/02/2004 13:11	
Hexachlorobutadiene	ND	5.0	ug/L	5.00	06/02/2004 13:11	
2-Hexanone	ND	250	ug/L	5.00	06/02/2004 13:11	
Isopropylbenzene	ND	2.5	ug/L	5.00	06/02/2004 13:11	
p-Isopropyltoluene	ND	5.0	ug/L	5.00	06/02/2004 13:11	
Methylene chloride	ND	25	ug/L	5.00	06/02/2004 13:11	
4-Methyl-2-pentanone (MIBK)	ND	250	ug/L	5.00	06/02/2004 13:11	
Naphthalene	ND	5.0	ug/L	5.00	06/02/2004 13:11	
n-Propylbenzene	ND	5.0	ug/L	5.00	06/02/2004 13:11	
Styrene	ND	2.5	ug/L	5.00	06/02/2004 13:11	
1,1,1,2-Tetrachloroethane	ND	2.5	ug/L	5.00	06/02/2004 13:11	
1,1,2,2-Tetrachloroethane	ND	2.5	ug/L	5.00	06/02/2004 13:11	
Tetrachloroethene	ND	2.5	ug/L	5.00	06/02/2004 13:11	
Toluene	ND	2.5	ug/L	5.00	06/02/2004 13:11	
1,2,3-Trichlorobenzene	ND	5.0	ug/L	5.00	06/02/2004 13:11	
1,2,4-Trichlorobenzene	ND	5.0	ug/L	5.00	06/02/2004 13:11	
1,1,1-Trichloroethane	ND	2.5	ug/L	5.00	06/02/2004 13:11	
1,1,2-Trichloroethane	ND	2.5	ug/L	5.00	06/02/2004 13:11	

Volatile Organic Compounds by 8260B (Low Level)

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Project: 869-4A
Milpitas Sewage (Mil. Sewage)

Received: 05/25/2004 17:53

Prep(s): 5030B
Test(s): 8260B
Sample ID: **BLD-9B**
Lab ID: 2004-05-0900 - 10
Sampled: 05/24/2004
Extracted: 6/2/2004 13:11
Matrix: Water
QC Batch#: 2004/06/02-01.06
Analysis Flag: o (See Legend and Note Section)

Compound	Conc.	RL	Unit	Dilution	Analyzed	Flag
Trichloroethene	ND	2.5	ug/L	5.00	06/02/2004 13:11	
Trichlorofluoromethane	ND	5.0	ug/L	5.00	06/02/2004 13:11	
Trichlorotrifluoroethane	ND	2.5	ug/L	5.00	06/02/2004 13:11	
1,2,4-Trimethylbenzene	ND	2.5	ug/L	5.00	06/02/2004 13:11	
1,3,5-Trimethylbenzene	ND	2.5	ug/L	5.00	06/02/2004 13:11	
Vinyl acetate	ND	130	ug/L	5.00	06/02/2004 13:11	
Vinyl chloride	ND	2.5	ug/L	5.00	06/02/2004 13:11	
Total xylenes	ND	5.0	ug/L	5.00	06/02/2004 13:11	
Surrogate(s)						
4-Bromofluorobenzene	83.5	79-118	%	5.00	06/02/2004 13:11	
1,2-Dichloroethane-d4	91.1	78-117	%	5.00	06/02/2004 13:11	
Toluene-d8	91.9	77-121	%	5.00	06/02/2004 13:11	

Volatile Organic Compounds by 8260B (Low Level)

Lowney & Associates Mountain View
Attn.: Stason Foster

405 Clyde Ave
Mountain View, CA 94043-2209
Phone: (650) 967-2365 Fax: (650) 967-2785

Project: 869-4A
Milpitas Sewage (Mil. Sewage)

Received: 05/25/2004 17:53

Prep(s): 5030B
Test(s): 8260B
Sample ID: **BLD-9C**
Lab ID: 2004-05-0900 - 12
Sampled: 05/24/2004
Extracted: 6/2/2004 13:47
Matrix: Water
QC Batch#: 2004/06/02-01.06
Analysis Flag: o (See Legend and Note Section)

Compound	Conc.	RL	Unit	Dilution	Analyzed	Flag
MTBE	ND	25	ug/L	5.00	06/02/2004 13:47	
Acetone	ND	250	ug/L	5.00	06/02/2004 13:47	
Benzene	ND	2.5	ug/L	5.00	06/02/2004 13:47	
Bromodichloromethane	ND	2.5	ug/L	5.00	06/02/2004 13:47	
Bromobenzene	ND	5.0	ug/L	5.00	06/02/2004 13:47	
Bromochloromethane	ND	5.0	ug/L	5.00	06/02/2004 13:47	
Bromoform	ND	2.5	ug/L	5.00	06/02/2004 13:47	
Bromomethane	ND	5.0	ug/L	5.00	06/02/2004 13:47	
2-Butanone(MEK)	ND	250	ug/L	5.00	06/02/2004 13:47	
n-Butylbenzene	ND	5.0	ug/L	5.00	06/02/2004 13:47	
sec-Butylbenzene	ND	5.0	ug/L	5.00	06/02/2004 13:47	
tert-Butylbenzene	ND	5.0	ug/L	5.00	06/02/2004 13:47	
Carbon disulfide	ND	25	ug/L	5.00	06/02/2004 13:47	
Carbon tetrachloride	ND	2.5	ug/L	5.00	06/02/2004 13:47	
Chlorobenzene	ND	2.5	ug/L	5.00	06/02/2004 13:47	
Chloroethane	ND	5.0	ug/L	5.00	06/02/2004 13:47	
2-Chloroethylvinyl ether	ND	25	ug/L	5.00	06/02/2004 13:47	
Chloroform	ND	5.0	ug/L	5.00	06/02/2004 13:47	
Chloromethane	ND	5.0	ug/L	5.00	06/02/2004 13:47	
2-Chlorotoluene	ND	2.5	ug/L	5.00	06/02/2004 13:47	
4-Chlorotoluene	ND	2.5	ug/L	5.00	06/02/2004 13:47	
Dibromochloromethane	ND	2.5	ug/L	5.00	06/02/2004 13:47	
1,2-Dichlorobenzene	ND	2.5	ug/L	5.00	06/02/2004 13:47	
1,3-Dichlorobenzene	ND	2.5	ug/L	5.00	06/02/2004 13:47	
1,4-Dichlorobenzene	ND	2.5	ug/L	5.00	06/02/2004 13:47	
1,3-Dichloropropane	ND	5.0	ug/L	5.00	06/02/2004 13:47	
2,2-Dichloropropane	ND	2.5	ug/L	5.00	06/02/2004 13:47	
1,1-Dichloropropene	ND	2.5	ug/L	5.00	06/02/2004 13:47	
1,2-Dibromo-3-chloropropane	ND	5.0	ug/L	5.00	06/02/2004 13:47	

Volatile Organic Compounds by 8260B (Low Level)

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405 Clyde Ave
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Project: 869-4A
Milpitas Sewage (Mil. Sewage)

Received: 05/25/2004 17:53

Prep(s): 5030B
Test(s): 8260B
Sample ID: **BLD-9C**
Lab ID: 2004-05-0900 - 12
Sampled: 05/24/2004
Extracted: 6/2/2004 13:47
Matrix: Water
QC Batch#: 2004/06/02-01.06
Analysis Flag: o (See Legend and Note Section)

Compound	Conc.	RL	Unit	Dilution	Analyzed	Flag
1,2-Dibromoethane	ND	2.5	ug/L	5.00	06/02/2004 13:47	
Dibromomethane	ND	2.5	ug/L	5.00	06/02/2004 13:47	
Dichlorodifluoromethane	ND	2.5	ug/L	5.00	06/02/2004 13:47	
1,1-Dichloroethane	ND	2.5	ug/L	5.00	06/02/2004 13:47	
1,2-Dichloroethane	ND	2.5	ug/L	5.00	06/02/2004 13:47	
1,1-Dichloroethene	ND	2.5	ug/L	5.00	06/02/2004 13:47	
cis-1,2-Dichloroethene	ND	2.5	ug/L	5.00	06/02/2004 13:47	
trans-1,2-Dichloroethene	ND	2.5	ug/L	5.00	06/02/2004 13:47	
1,2-Dichloropropane	ND	2.5	ug/L	5.00	06/02/2004 13:47	
cis-1,3-Dichloropropene	ND	2.5	ug/L	5.00	06/02/2004 13:47	
trans-1,3-Dichloropropene	ND	2.5	ug/L	5.00	06/02/2004 13:47	
Ethylbenzene	ND	2.5	ug/L	5.00	06/02/2004 13:47	
Hexachlorobutadiene	ND	5.0	ug/L	5.00	06/02/2004 13:47	
2-Hexanone	ND	250	ug/L	5.00	06/02/2004 13:47	
Isopropylbenzene	ND	2.5	ug/L	5.00	06/02/2004 13:47	
p-Isopropyltoluene	ND	5.0	ug/L	5.00	06/02/2004 13:47	
Methylene chloride	ND	25	ug/L	5.00	06/02/2004 13:47	
4-Methyl-2-pentanone (MIBK)	ND	250	ug/L	5.00	06/02/2004 13:47	
Naphthalene	ND	5.0	ug/L	5.00	06/02/2004 13:47	
n-Propylbenzene	ND	5.0	ug/L	5.00	06/02/2004 13:47	
Styrene	ND	2.5	ug/L	5.00	06/02/2004 13:47	
1,1,1,2-Tetrachloroethane	ND	2.5	ug/L	5.00	06/02/2004 13:47	
1,1,2,2-Tetrachloroethane	ND	2.5	ug/L	5.00	06/02/2004 13:47	
Tetrachloroethene	ND	2.5	ug/L	5.00	06/02/2004 13:47	
Toluene	ND	2.5	ug/L	5.00	06/02/2004 13:47	
1,2,3-Trichlorobenzene	ND	5.0	ug/L	5.00	06/02/2004 13:47	
1,2,4-Trichlorobenzene	ND	5.0	ug/L	5.00	06/02/2004 13:47	
1,1,1-Trichloroethane	ND	2.5	ug/L	5.00	06/02/2004 13:47	
1,1,2-Trichloroethane	ND	2.5	ug/L	5.00	06/02/2004 13:47	

Volatile Organic Compounds by 8260B (Low Level)

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Project: 869-4A
Milpitas Sewage (Mil. Sewage)

Received: 05/25/2004 17:53

Prep(s): 5030B
Test(s): 8260B
Sample ID: **BLD-9C**
Lab ID: 2004-05-0900 - 12
Sampled: 05/24/2004
Extracted: 6/2/2004 13:47
Matrix: Water
QC Batch#: 2004/06/02-01.06
Analysis Flag: o (See Legend and Note Section)

Compound	Conc.	RL	Unit	Dilution	Analyzed	Flag
Trichloroethene	ND	2.5	ug/L	5.00	06/02/2004 13:47	
Trichlorofluoromethane	ND	5.0	ug/L	5.00	06/02/2004 13:47	
Trichlorotrifluoroethane	ND	2.5	ug/L	5.00	06/02/2004 13:47	
1,2,4-Trimethylbenzene	ND	2.5	ug/L	5.00	06/02/2004 13:47	
1,3,5-Trimethylbenzene	ND	2.5	ug/L	5.00	06/02/2004 13:47	
Vinyl acetate	ND	130	ug/L	5.00	06/02/2004 13:47	
Vinyl chloride	ND	2.5	ug/L	5.00	06/02/2004 13:47	
Total xylenes	ND	5.0	ug/L	5.00	06/02/2004 13:47	
Surrogate(s)						
4-Bromofluorobenzene	84.0	79-118	%	5.00	06/02/2004 13:47	
1,2-Dichloroethane-d4	93.9	78-117	%	5.00	06/02/2004 13:47	
Toluene-d8	92.5	77-121	%	5.00	06/02/2004 13:47	

Volatile Organic Compounds by 8260B (Low Level)

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Project: 869-4A
Milpitas Sewage (Mil. Sewage)

Received: 05/25/2004 17:53

Prep(s): 5030B
Test(s): 8260B
Sample ID: **BLD-10A**
Lab ID: 2004-05-0900 - 14
Sampled: 05/24/2004
Extracted: 6/2/2004 14:22
Matrix: Water
QC Batch#: 2004/06/02-01.06
Analysis Flag: o (See Legend and Note Section)

Compound	Conc.	RL	Unit	Dilution	Analyzed	Flag
MTBE	ND	25	ug/L	5.00	06/02/2004 14:22	
Acetone	ND	250	ug/L	5.00	06/02/2004 14:22	
Benzene	ND	2.5	ug/L	5.00	06/02/2004 14:22	
Bromodichloromethane	ND	2.5	ug/L	5.00	06/02/2004 14:22	
Bromobenzene	ND	5.0	ug/L	5.00	06/02/2004 14:22	
Bromochloromethane	ND	5.0	ug/L	5.00	06/02/2004 14:22	
Bromoform	ND	2.5	ug/L	5.00	06/02/2004 14:22	
Bromomethane	ND	5.0	ug/L	5.00	06/02/2004 14:22	
2-Butanone(MEK)	ND	250	ug/L	5.00	06/02/2004 14:22	
n-Butylbenzene	ND	5.0	ug/L	5.00	06/02/2004 14:22	
sec-Butylbenzene	ND	5.0	ug/L	5.00	06/02/2004 14:22	
tert-Butylbenzene	ND	5.0	ug/L	5.00	06/02/2004 14:22	
Carbon disulfide	ND	25	ug/L	5.00	06/02/2004 14:22	
Carbon tetrachloride	ND	2.5	ug/L	5.00	06/02/2004 14:22	
Chlorobenzene	ND	2.5	ug/L	5.00	06/02/2004 14:22	
Chloroethane	ND	5.0	ug/L	5.00	06/02/2004 14:22	
2-Chloroethylvinyl ether	ND	25	ug/L	5.00	06/02/2004 14:22	
Chloroform	ND	5.0	ug/L	5.00	06/02/2004 14:22	
Chloromethane	ND	5.0	ug/L	5.00	06/02/2004 14:22	
2-Chlorotoluene	ND	2.5	ug/L	5.00	06/02/2004 14:22	
4-Chlorotoluene	ND	2.5	ug/L	5.00	06/02/2004 14:22	
Dibromochloromethane	ND	2.5	ug/L	5.00	06/02/2004 14:22	
1,2-Dichlorobenzene	ND	2.5	ug/L	5.00	06/02/2004 14:22	
1,3-Dichlorobenzene	ND	2.5	ug/L	5.00	06/02/2004 14:22	
1,4-Dichlorobenzene	ND	2.5	ug/L	5.00	06/02/2004 14:22	
1,3-Dichloropropane	ND	5.0	ug/L	5.00	06/02/2004 14:22	
2,2-Dichloropropane	ND	2.5	ug/L	5.00	06/02/2004 14:22	
1,1-Dichloropropene	ND	2.5	ug/L	5.00	06/02/2004 14:22	
1,2-Dibromo-3-chloropropane	ND	5.0	ug/L	5.00	06/02/2004 14:22	

SEVERN TRENT STL

Submission #: 2004-05-0900

Volatile Organic Compounds by 8260B (Low Level)

Lowney & Associates Mountain View
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Project: 869-4A
Milpitas Sewage (Mil. Sewage)

Received: 05/25/2004 17:53

Prep(s): 5030B
Test(s): 8260B
Sample ID: BLD-10A
Lab ID: 2004-05-0900 - 14
Sampled: 05/24/2004
Extracted: 6/2/2004 14:22
Matrix: Water
QC Batch#: 2004/06/02-01.06
Analysis Flag: o (See Legend and Note Section)

Compound	Conc.	RL	Unit	Dilution	Analyzed	Flag
1,2-Dibromoethane	ND	2.5	ug/L	5.00	06/02/2004 14:22	
Dibromomethane	ND	2.5	ug/L	5.00	06/02/2004 14:22	
Dichlorodifluoromethane	ND	2.5	ug/L	5.00	06/02/2004 14:22	
1,1-Dichloroethane	ND	2.5	ug/L	5.00	06/02/2004 14:22	
1,2-Dichloroethane	ND	2.5	ug/L	5.00	06/02/2004 14:22	
1,1-Dichloroethene	ND	2.5	ug/L	5.00	06/02/2004 14:22	
cis-1,2-Dichloroethene	ND	2.5	ug/L	5.00	06/02/2004 14:22	
trans-1,2-Dichloroethene	ND	2.5	ug/L	5.00	06/02/2004 14:22	
1,2-Dichloropropane	ND	2.5	ug/L	5.00	06/02/2004 14:22	
cis-1,3-Dichloropropene	ND	2.5	ug/L	5.00	06/02/2004 14:22	
trans-1,3-Dichloropropene	ND	2.5	ug/L	5.00	06/02/2004 14:22	
Ethylbenzene	ND	2.5	ug/L	5.00	06/02/2004 14:22	
Hexachlorobutadiene	ND	5.0	ug/L	5.00	06/02/2004 14:22	
2-Hexanone	ND	250	ug/L	5.00	06/02/2004 14:22	
Isopropylbenzene	ND	2.5	ug/L	5.00	06/02/2004 14:22	
p-Isopropyltoluene	ND	5.0	ug/L	5.00	06/02/2004 14:22	
Methylene chloride	ND	25	ug/L	5.00	06/02/2004 14:22	
4-Methyl-2-pentanone (MIBK)	ND	250	ug/L	5.00	06/02/2004 14:22	
Naphthalene	ND	5.0	ug/L	5.00	06/02/2004 14:22	
n-Propylbenzene	ND	5.0	ug/L	5.00	06/02/2004 14:22	
Styrene	ND	2.5	ug/L	5.00	06/02/2004 14:22	
1,1,1,2-Tetrachloroethane	ND	2.5	ug/L	5.00	06/02/2004 14:22	
1,1,2,2-Tetrachloroethane	ND	2.5	ug/L	5.00	06/02/2004 14:22	
Tetrachloroethene	ND	2.5	ug/L	5.00	06/02/2004 14:22	
Toluene	ND	2.5	ug/L	5.00	06/02/2004 14:22	
1,2,3-Trichlorobenzene	ND	5.0	ug/L	5.00	06/02/2004 14:22	
1,2,4-Trichlorobenzene	ND	5.0	ug/L	5.00	06/02/2004 14:22	
1,1,1-Trichloroethane	ND	2.5	ug/L	5.00	06/02/2004 14:22	
1,1,2-Trichloroethane	ND	2.5	ug/L	5.00	06/02/2004 14:22	

Volatile Organic Compounds by 8260B (Low Level)

Lowney & Associates Mountain View
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Project: 869-4A
Milpitas Sewage (Mil. Sewage)

Received: 05/25/2004 17:53

Prep(s): 5030B
Test(s): 8260B
Sample ID: **BLD-10A**
Lab ID: 2004-05-0900 - 14
Sampled: 05/24/2004
Extracted: 6/2/2004 14:22
Matrix: Water
QC Batch#: 2004/06/02-01.06
Analysis Flag: o (See Legend and Note Section)

Compound	Conc.	RL	Unit	Dilution	Analyzed	Flag
Trichloroethene	ND	2.5	ug/L	5.00	06/02/2004 14:22	
Trichlorofluoromethane	ND	5.0	ug/L	5.00	06/02/2004 14:22	
Trichlorotrifluoroethane	ND	2.5	ug/L	5.00	06/02/2004 14:22	
1,2,4-Trimethylbenzene	ND	2.5	ug/L	5.00	06/02/2004 14:22	
1,3,5-Trimethylbenzene	ND	2.5	ug/L	5.00	06/02/2004 14:22	
Vinyl acetate	ND	130	ug/L	5.00	06/02/2004 14:22	
Vinyl chloride	ND	2.5	ug/L	5.00	06/02/2004 14:22	
Total xylenes	ND	5.0	ug/L	5.00	06/02/2004 14:22	
Surrogate(s)						
4-Bromofluorobenzene	82.5	79-118	%	5.00	06/02/2004 14:22	
1,2-Dichloroethane-d4	92.0	78-117	%	5.00	06/02/2004 14:22	
Toluene-d8	92.1	77-121	%	5.00	06/02/2004 14:22	

Volatile Organic Compounds by 8260B (Low Level)

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405 Clyde Ave
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Project: 869-4A
Milpitas Sewage (Mil. Sewage)

Received: 05/25/2004 17:53

Prep(s): 5030B
Test(s): 8260B
Sample ID: **BLD-10B**
Lab ID: 2004-05-0900 - 16
Sampled: 05/24/2004
Extracted: 6/2/2004 14:57
Matrix: Water
QC Batch#: 2004/06/02-01.06
Analysis Flag: o (See Legend and Note Section)

Compound	Conc.	RL	Unit	Dilution	Analyzed	Flag
MTBE	ND	25	ug/L	5.00	06/02/2004 14:57	
Acetone	ND	250	ug/L	5.00	06/02/2004 14:57	
Benzene	ND	2.5	ug/L	5.00	06/02/2004 14:57	
Bromodichloromethane	ND	2.5	ug/L	5.00	06/02/2004 14:57	
Bromobenzene	ND	5.0	ug/L	5.00	06/02/2004 14:57	
Bromochloromethane	ND	5.0	ug/L	5.00	06/02/2004 14:57	
Bromoform	ND	2.5	ug/L	5.00	06/02/2004 14:57	
Bromomethane	ND	5.0	ug/L	5.00	06/02/2004 14:57	
2-Butanone(MEK)	ND	250	ug/L	5.00	06/02/2004 14:57	
n-Butylbenzene	ND	5.0	ug/L	5.00	06/02/2004 14:57	
sec-Butylbenzene	ND	5.0	ug/L	5.00	06/02/2004 14:57	
tert-Butylbenzene	ND	5.0	ug/L	5.00	06/02/2004 14:57	
Carbon disulfide	ND	25	ug/L	5.00	06/02/2004 14:57	
Carbon tetrachloride	ND	2.5	ug/L	5.00	06/02/2004 14:57	
Chlorobenzene	ND	2.5	ug/L	5.00	06/02/2004 14:57	
Chloroethane	ND	5.0	ug/L	5.00	06/02/2004 14:57	
2-Chloroethylvinyl ether	ND	25	ug/L	5.00	06/02/2004 14:57	
Chloroform	ND	5.0	ug/L	5.00	06/02/2004 14:57	
Chloromethane	ND	5.0	ug/L	5.00	06/02/2004 14:57	
2-Chlorotoluene	ND	2.5	ug/L	5.00	06/02/2004 14:57	
4-Chlorotoluene	ND	2.5	ug/L	5.00	06/02/2004 14:57	
Dibromochloromethane	ND	2.5	ug/L	5.00	06/02/2004 14:57	
1,2-Dichlorobenzene	ND	2.5	ug/L	5.00	06/02/2004 14:57	
1,3-Dichlorobenzene	ND	2.5	ug/L	5.00	06/02/2004 14:57	
1,4-Dichlorobenzene	ND	2.5	ug/L	5.00	06/02/2004 14:57	
1,3-Dichloropropane	ND	5.0	ug/L	5.00	06/02/2004 14:57	
2,2-Dichloropropane	ND	2.5	ug/L	5.00	06/02/2004 14:57	
1,1-Dichloropropene	ND	2.5	ug/L	5.00	06/02/2004 14:57	
1,2-Dibromo-3-chloropropane	ND	5.0	ug/L	5.00	06/02/2004 14:57	

Volatile Organic Compounds by 8260B (Low Level)

Lowney & Associates Mountain View
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Phone: (650) 967-2365 Fax: (650) 967-2785

Project: 869-4A
Milpitas Sewage (Mil. Sewage)

Received: 05/25/2004 17:53

Prep(s): 5030B
Test(s): 8260B
Sample ID: **BLD-10B**
Lab ID: 2004-05-0900 - 16
Sampled: 05/24/2004
Extracted: 6/2/2004 14:57
Matrix: Water
QC Batch#: 2004/06/02-01.06
Analysis Flag: o (See Legend and Note Section)

Compound	Conc.	RL	Unit	Dilution	Analyzed	Flag
1,2-Dibromoethane	ND	2.5	ug/L	5.00	06/02/2004 14:57	
Dibromomethane	ND	2.5	ug/L	5.00	06/02/2004 14:57	
Dichlorodifluoromethane	ND	2.5	ug/L	5.00	06/02/2004 14:57	
1,1-Dichloroethane	ND	2.5	ug/L	5.00	06/02/2004 14:57	
1,2-Dichloroethane	ND	2.5	ug/L	5.00	06/02/2004 14:57	
1,1-Dichloroethene	ND	2.5	ug/L	5.00	06/02/2004 14:57	
cis-1,2-Dichloroethene	ND	2.5	ug/L	5.00	06/02/2004 14:57	
trans-1,2-Dichloroethene	ND	2.5	ug/L	5.00	06/02/2004 14:57	
1,2-Dichloropropane	ND	2.5	ug/L	5.00	06/02/2004 14:57	
cis-1,3-Dichloropropene	ND	2.5	ug/L	5.00	06/02/2004 14:57	
trans-1,3-Dichloropropene	ND	2.5	ug/L	5.00	06/02/2004 14:57	
Ethylbenzene	ND	2.5	ug/L	5.00	06/02/2004 14:57	
Hexachlorobutadiene	ND	5.0	ug/L	5.00	06/02/2004 14:57	
2-Hexanone	ND	250	ug/L	5.00	06/02/2004 14:57	
Isopropylbenzene	ND	2.5	ug/L	5.00	06/02/2004 14:57	
p-Isopropyltoluene	ND	5.0	ug/L	5.00	06/02/2004 14:57	
Methylene chloride	ND	25	ug/L	5.00	06/02/2004 14:57	
4-Methyl-2-pentanone (MIBK)	ND	250	ug/L	5.00	06/02/2004 14:57	
Naphthalene	ND	5.0	ug/L	5.00	06/02/2004 14:57	
n-Propylbenzene	ND	5.0	ug/L	5.00	06/02/2004 14:57	
Styrene	ND	2.5	ug/L	5.00	06/02/2004 14:57	
1,1,1,2-Tetrachloroethane	ND	2.5	ug/L	5.00	06/02/2004 14:57	
1,1,2,2-Tetrachloroethane	ND	2.5	ug/L	5.00	06/02/2004 14:57	
Tetrachloroethene	ND	2.5	ug/L	5.00	06/02/2004 14:57	
Toluene	ND	2.5	ug/L	5.00	06/02/2004 14:57	
1,2,3-Trichlorobenzene	ND	5.0	ug/L	5.00	06/02/2004 14:57	
1,2,4-Trichlorobenzene	ND	5.0	ug/L	5.00	06/02/2004 14:57	
1,1,1-Trichloroethane	ND	2.5	ug/L	5.00	06/02/2004 14:57	
1,1,2-Trichloroethane	ND	2.5	ug/L	5.00	06/02/2004 14:57	

Volatile Organic Compounds by 8260B (Low Level)

Lowney & Associates Mountain View
Attn.: Stason Foster

405 Clyde Ave
Mountain View, CA 94043-2209
Phone: (650) 967-2365 Fax: (650) 967-2785

Project: 869-4A
Milpitas Sewage (Mil. Sewage)

Received: 05/25/2004 17:53

Prep(s): 5030B
Test(s): 8260B
Sample ID: **BLD-10B**
Lab ID: 2004-05-0900 - 16
Sampled: 05/24/2004
Extracted: 6/2/2004 14:57
Matrix: Water
QC Batch#: 2004/06/02-01.06
Analysis Flag: o (See Legend and Note Section)

Compound	Conc.	RL	Unit	Dilution	Analyzed	Flag
Trichloroethene	ND	2.5	ug/L	5.00	06/02/2004 14:57	
Trichlorofluoromethane	ND	5.0	ug/L	5.00	06/02/2004 14:57	
Trichlorotrifluoroethane	ND	2.5	ug/L	5.00	06/02/2004 14:57	
1,2,4-Trimethylbenzene	ND	2.5	ug/L	5.00	06/02/2004 14:57	
1,3,5-Trimethylbenzene	ND	2.5	ug/L	5.00	06/02/2004 14:57	
Vinyl acetate	ND	130	ug/L	5.00	06/02/2004 14:57	
Vinyl chloride	ND	2.5	ug/L	5.00	06/02/2004 14:57	
Total xylenes	ND	5.0	ug/L	5.00	06/02/2004 14:57	
Surrogate(s)						
4-Bromofluorobenzene	82.4	79-118	%	5.00	06/02/2004 14:57	
1,2-Dichloroethane-d4	88.8	78-117	%	5.00	06/02/2004 14:57	
Toluene-d8	91.6	77-121	%	5.00	06/02/2004 14:57	

Volatile Organic Compounds by 8260B (Low Level)

Lowney & Associates Mountain View
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Project: 869-4A
Milpitas Sewage (Mil. Sewage)

Received: 05/25/2004 17:53

Batch QC Report

Prep(s): 5030B
Method Blank **Water**
MB: 2004/06/01-01.60-048

Test(s): 8260B
QC Batch # 2004/06/01-01.60
Date Extracted: 06/01/2004 10:48

Compound	Conc.	RL	Unit	Analyzed	Flag
MTBE	ND	5.0	ug/L	06/01/2004 10:48	
Acetone	ND	50	ug/L	06/01/2004 10:48	
Benzene	ND	0.5	ug/L	06/01/2004 10:48	
Bromodichloromethane	ND	0.5	ug/L	06/01/2004 10:48	
Bromobenzene	ND	1.0	ug/L	06/01/2004 10:48	
Bromochloromethane	ND	1.0	ug/L	06/01/2004 10:48	
Bromoform	ND	0.5	ug/L	06/01/2004 10:48	
Bromomethane	ND	1.0	ug/L	06/01/2004 10:48	
2-Butanone(MEK)	ND	50	ug/L	06/01/2004 10:48	
n-Butylbenzene	ND	1.0	ug/L	06/01/2004 10:48	
sec-Butylbenzene	ND	1.0	ug/L	06/01/2004 10:48	
tert-Butylbenzene	ND	1.0	ug/L	06/01/2004 10:48	
Carbon disulfide	ND	5.0	ug/L	06/01/2004 10:48	
Carbon tetrachloride	ND	0.5	ug/L	06/01/2004 10:48	
Chlorobenzene	ND	0.5	ug/L	06/01/2004 10:48	
Chloroethane	ND	1.0	ug/L	06/01/2004 10:48	
2-Chloroethylvinyl ether	ND	5.0	ug/L	06/01/2004 10:48	
Chloroform	ND	1.0	ug/L	06/01/2004 10:48	
Chloromethane	ND	1.0	ug/L	06/01/2004 10:48	
2-Chlorotoluene	ND	0.5	ug/L	06/01/2004 10:48	
4-Chlorotoluene	ND	0.5	ug/L	06/01/2004 10:48	
Dibromochloromethane	ND	0.5	ug/L	06/01/2004 10:48	
1,2-Dichlorobenzene	ND	0.5	ug/L	06/01/2004 10:48	
1,3-Dichlorobenzene	ND	0.5	ug/L	06/01/2004 10:48	
1,4-Dichlorobenzene	ND	0.5	ug/L	06/01/2004 10:48	
1,3-Dichloropropane	ND	1.0	ug/L	06/01/2004 10:48	
2,2-Dichloropropane	ND	0.5	ug/L	06/01/2004 10:48	
1,1-Dichloropropene	ND	0.5	ug/L	06/01/2004 10:48	
1,2-Dibromo-3-chloropropane	ND	1.0	ug/L	06/01/2004 10:48	
1,2-Dibromoethane	ND	0.5	ug/L	06/01/2004 10:48	

Volatile Organic Compounds by 8260B (Low Level)

Lowney & Associates Mountain View
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405 Clyde Ave
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Project: 869-4A
Milpitas Sewage (Mil. Sewage)

Received: 05/25/2004 17:53

Batch QC Report

Prep(s): 5030B
Method Blank **Water**
MB: 2004/06/01-01.60-048

Test(s): 8260B
QC Batch # 2004/06/01-01.60
Date Extracted: 06/01/2004 10:48

Compound	Conc.	RL	Unit	Analyzed	Flag
Dibromomethane	ND	0.5	ug/L	06/01/2004 10:48	
Dichlorodifluoromethane	ND	0.5	ug/L	06/01/2004 10:48	
1,1-Dichloroethane	ND	0.5	ug/L	06/01/2004 10:48	
1,2-Dichloroethane	ND	0.5	ug/L	06/01/2004 10:48	
1,1-Dichloroethene	ND	0.5	ug/L	06/01/2004 10:48	
cis-1,2-Dichloroethene	ND	0.5	ug/L	06/01/2004 10:48	
trans-1,2-Dichloroethene	ND	0.5	ug/L	06/01/2004 10:48	
1,2-Dichloropropane	ND	0.5	ug/L	06/01/2004 10:48	
cis-1,3-Dichloropropene	ND	0.5	ug/L	06/01/2004 10:48	
trans-1,3-Dichloropropene	ND	0.5	ug/L	06/01/2004 10:48	
Ethylbenzene	ND	0.5	ug/L	06/01/2004 10:48	
Hexachlorobutadiene	ND	1.0	ug/L	06/01/2004 10:48	
2-Hexanone	ND	50	ug/L	06/01/2004 10:48	
Isopropylbenzene	ND	0.5	ug/L	06/01/2004 10:48	
p-Isopropyltoluene	ND	1.0	ug/L	06/01/2004 10:48	
Methylene chloride	ND	5.0	ug/L	06/01/2004 10:48	
4-Methyl-2-pentanone (MIBK)	ND	50	ug/L	06/01/2004 10:48	
Naphthalene	ND	1.0	ug/L	06/01/2004 10:48	
n-Propylbenzene	ND	1.0	ug/L	06/01/2004 10:48	
Styrene	ND	0.5	ug/L	06/01/2004 10:48	
1,1,1,2-Tetrachloroethane	ND	0.5	ug/L	06/01/2004 10:48	
1,1,2,2-Tetrachloroethane	ND	0.5	ug/L	06/01/2004 10:48	
Tetrachloroethene	ND	0.5	ug/L	06/01/2004 10:48	
Toluene	ND	0.5	ug/L	06/01/2004 10:48	
1,2,3-Trichlorobenzene	ND	1.0	ug/L	06/01/2004 10:48	
1,2,4-Trichlorobenzene	ND	1.0	ug/L	06/01/2004 10:48	
1,1,1-Trichloroethane	ND	0.5	ug/L	06/01/2004 10:48	
1,1,2-Trichloroethane	ND	0.5	ug/L	06/01/2004 10:48	
Trichloroethene	ND	0.5	ug/L	06/01/2004 10:48	
Trichlorofluoromethane	ND	1.0	ug/L	06/01/2004 10:48	
Trichlorotrifluoroethane	ND	0.5	ug/L	06/01/2004 10:48	

Volatile Organic Compounds by 8260B (Low Level)

Lowney & Associates Mountain View
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Project: 869-4A
Milpitas Sewage (Mil. Sewage)

Received: 05/25/2004 17:53

Batch QC Report

Prep(s): 5030B — Test(s): 8260B

Method Blank — **Water** — **QC Batch # 2004/06/01-01.60**

MB: 2004/06/01-01.60-048 — Date Extracted: 06/01/2004 10:48

Compound	Conc.	RL	Unit	Analyzed	Flag
1,2,4-Trimethylbenzene	ND	0.5	ug/L	06/01/2004 10:48	
1,3,5-Trimethylbenzene	ND	0.5	ug/L	06/01/2004 10:48	
Vinyl acetate	ND	25	ug/L	06/01/2004 10:48	
Vinyl chloride	ND	0.5	ug/L	06/01/2004 10:48	
Total xylenes	ND	1.0	ug/L	06/01/2004 10:48	
Surrogates(s)					
4-Bromofluorobenzene	92.9	79-118	%	06/01/2004 10:48	
1,2-Dichloroethane-d4	93.5	78-117	%	06/01/2004 10:48	
Toluene-d8	91.2	77-121	%	06/01/2004 10:48	

Volatile Organic Compounds by 8260B (Low Level)

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Project: 869-4A
Milpitas Sewage (Mil. Sewage)

Received: 05/25/2004 17:53

Batch QC Report

Prep(s): 5030B — Test(s): 8260B

Method Blank — **Water** — **QC Batch # 2004/06/01-01.71**

MB: 2004/06/01-01.71-011 — Date Extracted: 06/01/2004 10:11

Compound	Conc.	RL	Unit	Analyzed	Flag
MTBE	ND	5.0	ug/L	06/01/2004 10:11	
Acetone	ND	50	ug/L	06/01/2004 10:11	
Benzene	ND	0.5	ug/L	06/01/2004 10:11	
Bromodichloromethane	ND	0.5	ug/L	06/01/2004 10:11	
Bromobenzene	ND	1.0	ug/L	06/01/2004 10:11	
Bromochloromethane	ND	1.0	ug/L	06/01/2004 10:11	
Bromoform	ND	0.5	ug/L	06/01/2004 10:11	
Bromomethane	ND	1.0	ug/L	06/01/2004 10:11	
2-Butanone(MEK)	ND	50	ug/L	06/01/2004 10:11	
n-Butylbenzene	ND	1.0	ug/L	06/01/2004 10:11	
sec-Butylbenzene	ND	1.0	ug/L	06/01/2004 10:11	
tert-Butylbenzene	ND	1.0	ug/L	06/01/2004 10:11	
Carbon disulfide	ND	5.0	ug/L	06/01/2004 10:11	
Carbon tetrachloride	ND	0.5	ug/L	06/01/2004 10:11	
Chlorobenzene	ND	0.5	ug/L	06/01/2004 10:11	
Chloroethane	ND	1.0	ug/L	06/01/2004 10:11	
2-Chloroethylvinyl ether	ND	5.0	ug/L	06/01/2004 10:11	
Chloroform	ND	1.0	ug/L	06/01/2004 10:11	
Chloromethane	ND	1.0	ug/L	06/01/2004 10:11	
2-Chlorotoluene	ND	0.5	ug/L	06/01/2004 10:11	
4-Chlorotoluene	ND	0.5	ug/L	06/01/2004 10:11	
Dibromochloromethane	ND	0.5	ug/L	06/01/2004 10:11	
1,2-Dichlorobenzene	ND	0.5	ug/L	06/01/2004 10:11	
1,3-Dichlorobenzene	ND	0.5	ug/L	06/01/2004 10:11	
1,4-Dichlorobenzene	ND	0.5	ug/L	06/01/2004 10:11	
1,3-Dichloropropane	ND	1.0	ug/L	06/01/2004 10:11	
2,2-Dichloropropane	ND	0.5	ug/L	06/01/2004 10:11	
1,1-Dichloropropene	ND	0.5	ug/L	06/01/2004 10:11	
1,2-Dibromo-3-chloropropane	ND	1.0	ug/L	06/01/2004 10:11	
1,2-Dibromoethane	ND	0.5	ug/L	06/01/2004 10:11	
Dibromomethane	ND	0.5	ug/L	06/01/2004 10:11	

Volatile Organic Compounds by 8260B (Low Level)

Lowney & Associates Mountain View
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405 Clyde Ave
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Project: 869-4A
Milpitas Sewage (Mil. Sewage)

Received: 05/25/2004 17:53

Batch QC Report

Prep(s): 5030B — Test(s): 8260B

Method Blank — **Water** — **QC Batch # 2004/06/01-01.71**

MB: 2004/06/01-01.71-011 — Date Extracted: 06/01/2004 10:11

Compound	Conc.	RL	Unit	Analyzed	Flag
Dichlorodifluoromethane	ND	0.5	ug/L	06/01/2004 10:11	
1,1-Dichloroethane	ND	0.5	ug/L	06/01/2004 10:11	
1,2-Dichloroethane	ND	0.5	ug/L	06/01/2004 10:11	
1,1-Dichloroethene	ND	0.5	ug/L	06/01/2004 10:11	
cis-1,2-Dichloroethene	ND	0.5	ug/L	06/01/2004 10:11	
trans-1,2-Dichloroethene	ND	0.5	ug/L	06/01/2004 10:11	
1,2-Dichloropropane	ND	0.5	ug/L	06/01/2004 10:11	
cis-1,3-Dichloropropene	ND	0.5	ug/L	06/01/2004 10:11	
trans-1,3-Dichloropropene	ND	0.5	ug/L	06/01/2004 10:11	
Ethylbenzene	ND	0.5	ug/L	06/01/2004 10:11	
Hexachlorobutadiene	ND	1.0	ug/L	06/01/2004 10:11	
2-Hexanone	ND	50	ug/L	06/01/2004 10:11	
Isopropylbenzene	ND	0.5	ug/L	06/01/2004 10:11	
p-Isopropyltoluene	ND	1.0	ug/L	06/01/2004 10:11	
Methylene chloride	ND	5.0	ug/L	06/01/2004 10:11	
4-Methyl-2-pentanone (MIBK)	ND	50	ug/L	06/01/2004 10:11	
Naphthalene	ND	1.0	ug/L	06/01/2004 10:11	
n-Propylbenzene	ND	1.0	ug/L	06/01/2004 10:11	
Styrene	ND	0.5	ug/L	06/01/2004 10:11	
1,1,1,2-Tetrachloroethane	ND	0.5	ug/L	06/01/2004 10:11	
1,1,2,2-Tetrachloroethane	ND	0.5	ug/L	06/01/2004 10:11	
Tetrachloroethene	ND	0.5	ug/L	06/01/2004 10:11	
Toluene	ND	0.5	ug/L	06/01/2004 10:11	
1,2,3-Trichlorobenzene	ND	1.0	ug/L	06/01/2004 10:11	
1,2,4-Trichlorobenzene	ND	1.0	ug/L	06/01/2004 10:11	
1,1,1-Trichloroethane	ND	0.5	ug/L	06/01/2004 10:11	
1,1,2-Trichloroethane	ND	0.5	ug/L	06/01/2004 10:11	
Trichloroethene	ND	0.5	ug/L	06/01/2004 10:11	
Trichlorofluoromethane	ND	1.0	ug/L	06/01/2004 10:11	
Trichlorotrifluoroethane	ND	0.5	ug/L	06/01/2004 10:11	
1,2,4-Trimethylbenzene	ND	0.5	ug/L	06/01/2004 10:11	

Volatile Organic Compounds by 8260B (Low Level)

Lowney & Associates Mountain View
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Project: 869-4A
Milpitas Sewage (Mil. Sewage)

Received: 05/25/2004 17:53

Batch QC Report

Prep(s): 5030B — Test(s): 8260B

Method Blank — **Water** — **QC Batch # 2004/06/01-01.71**

MB: 2004/06/01-01.71-011 — Date Extracted: 06/01/2004 10:11

Compound	Conc.	RL	Unit	Analyzed	Flag
1,3,5-Trimethylbenzene	ND	0.5	ug/L	06/01/2004 10:11	
Vinyl acetate	ND	25	ug/L	06/01/2004 10:11	
Vinyl chloride	ND	0.5	ug/L	06/01/2004 10:11	
Total xylenes	ND	1.0	ug/L	06/01/2004 10:11	
Surrogates(s)					
4-Bromofluorobenzene	89.5	79-118	%	06/01/2004 10:11	
1,2-Dichloroethane-d4	94.1	78-117	%	06/01/2004 10:11	
Toluene-d8	93.6	77-121	%	06/01/2004 10:11	

Volatile Organic Compounds by 8260B (Low Level)

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Project: 869-4A
Milpitas Sewage (Mil. Sewage)

Received: 05/25/2004 17:53

Batch QC Report

Prep(s): 5030B — Test(s): 8260B

Method Blank — **Water** — **QC Batch # 2004/06/02-01.06**

MB: 2004/06/02-01.06-005 — Date Extracted: 06/02/2004 11:47

Compound	Conc.	RL	Unit	Analyzed	Flag
MTBE	ND	5.0	ug/L	06/02/2004 11:47	
Acetone	ND	50	ug/L	06/02/2004 11:47	
Benzene	ND	0.5	ug/L	06/02/2004 11:47	
Bromodichloromethane	ND	0.5	ug/L	06/02/2004 11:47	
Bromobenzene	ND	1.0	ug/L	06/02/2004 11:47	
Bromochloromethane	ND	1.0	ug/L	06/02/2004 11:47	
Bromoform	ND	0.5	ug/L	06/02/2004 11:47	
Bromomethane	ND	1.0	ug/L	06/02/2004 11:47	
2-Butanone(MEK)	ND	50	ug/L	06/02/2004 11:47	
n-Butylbenzene	ND	1.0	ug/L	06/02/2004 11:47	
sec-Butylbenzene	ND	1.0	ug/L	06/02/2004 11:47	
tert-Butylbenzene	ND	1.0	ug/L	06/02/2004 11:47	
Carbon disulfide	ND	5.0	ug/L	06/02/2004 11:47	
Carbon tetrachloride	ND	0.5	ug/L	06/02/2004 11:47	
Chlorobenzene	ND	0.5	ug/L	06/02/2004 11:47	
Chloroethane	ND	1.0	ug/L	06/02/2004 11:47	
2-Chloroethylvinyl ether	ND	5.0	ug/L	06/02/2004 11:47	
Chloroform	ND	1.0	ug/L	06/02/2004 11:47	
Chloromethane	ND	1.0	ug/L	06/02/2004 11:47	
2-Chlorotoluene	ND	0.5	ug/L	06/02/2004 11:47	
4-Chlorotoluene	ND	0.5	ug/L	06/02/2004 11:47	
Dibromochloromethane	ND	0.5	ug/L	06/02/2004 11:47	
1,2-Dichlorobenzene	ND	0.5	ug/L	06/02/2004 11:47	
1,3-Dichlorobenzene	ND	0.5	ug/L	06/02/2004 11:47	
1,4-Dichlorobenzene	ND	0.5	ug/L	06/02/2004 11:47	
1,3-Dichloropropane	ND	1.0	ug/L	06/02/2004 11:47	
2,2-Dichloropropane	ND	0.5	ug/L	06/02/2004 11:47	
1,1-Dichloropropene	ND	0.5	ug/L	06/02/2004 11:47	
1,2-Dibromo-3-chloropropane	ND	1.0	ug/L	06/02/2004 11:47	
1,2-Dibromoethane	ND	0.5	ug/L	06/02/2004 11:47	
Dibromomethane	ND	0.5	ug/L	06/02/2004 11:47	

SEVERN TRENT STL

Submission #: 2004-05-0900

Volatile Organic Compounds by 8260B (Low Level)

Lowney & Associates Mountain View
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Project: 869-4A
Milpitas Sewage (Mil. Sewage)

Received: 05/25/2004 17:53

Batch QC Report

Prep(s): 5030B — Test(s): 8260B

Method Blank — Water — QC Batch # 2004/06/02-01.06

MB: 2004/06/02-01.06-005 — Date Extracted: 06/02/2004 11:47

Compound	Conc.	RL	Unit	Analyzed	Flag
Dichlorodifluoromethane	ND	0.5	ug/L	06/02/2004 11:47	
1,1-Dichloroethane	ND	0.5	ug/L	06/02/2004 11:47	
1,2-Dichloroethane	ND	0.5	ug/L	06/02/2004 11:47	
1,1-Dichloroethene	ND	0.5	ug/L	06/02/2004 11:47	
cis-1,2-Dichloroethene	ND	0.5	ug/L	06/02/2004 11:47	
trans-1,2-Dichloroethene	ND	0.5	ug/L	06/02/2004 11:47	
1,2-Dichloropropane	ND	0.5	ug/L	06/02/2004 11:47	
cis-1,3-Dichloropropene	ND	0.5	ug/L	06/02/2004 11:47	
trans-1,3-Dichloropropene	ND	0.5	ug/L	06/02/2004 11:47	
Ethylbenzene	ND	0.5	ug/L	06/02/2004 11:47	
Hexachlorobutadiene	ND	1.0	ug/L	06/02/2004 11:47	
2-Hexanone	ND	50	ug/L	06/02/2004 11:47	
Isopropylbenzene	ND	0.5	ug/L	06/02/2004 11:47	
p-Isopropyltoluene	ND	1.0	ug/L	06/02/2004 11:47	
Methylene chloride	ND	5.0	ug/L	06/02/2004 11:47	
4-Methyl-2-pentanone (MIBK)	ND	50	ug/L	06/02/2004 11:47	
Naphthalene	ND	1.0	ug/L	06/02/2004 11:47	
n-Propylbenzene	ND	1.0	ug/L	06/02/2004 11:47	
Styrene	ND	0.5	ug/L	06/02/2004 11:47	
1,1,1,2-Tetrachloroethane	ND	0.5	ug/L	06/02/2004 11:47	
1,1,2,2-Tetrachloroethane	ND	0.5	ug/L	06/02/2004 11:47	
Tetrachloroethene	ND	0.5	ug/L	06/02/2004 11:47	
Toluene	ND	0.5	ug/L	06/02/2004 11:47	
1,2,3-Trichlorobenzene	ND	1.0	ug/L	06/02/2004 11:47	
1,2,4-Trichlorobenzene	ND	1.0	ug/L	06/02/2004 11:47	
1,1,1-Trichloroethane	ND	0.5	ug/L	06/02/2004 11:47	
1,1,2-Trichloroethane	ND	0.5	ug/L	06/02/2004 11:47	
Trichloroethene	ND	0.5	ug/L	06/02/2004 11:47	
Trichlorofluoromethane	ND	1.0	ug/L	06/02/2004 11:47	
Trichlorotrifluoroethane	ND	0.5	ug/L	06/02/2004 11:47	
1,2,4-Trimethylbenzene	ND	0.5	ug/L	06/02/2004 11:47	

Volatile Organic Compounds by 8260B (Low Level)

Lowney & Associates Mountain View
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405 Clyde Ave
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Phone: (650) 967-2365 Fax: (650) 967-2785

Project: 869-4A
Milpitas Sewage (Mil. Sewage)

Received: 05/25/2004 17:53

Batch QC Report

Prep(s): 5030B — Test(s): 8260B

Method Blank — **Water** — **QC Batch # 2004/06/02-01.06**

MB: 2004/06/02-01.06-005 — Date Extracted: 06/02/2004 11:47

Compound	Conc.	RL	Unit	Analyzed	Flag
1,3,5-Trimethylbenzene	ND	0.5	ug/L	06/02/2004 11:47	
Vinyl acetate	ND	25	ug/L	06/02/2004 11:47	
Vinyl chloride	ND	0.5	ug/L	06/02/2004 11:47	
Total xylenes	ND	1.0	ug/L	06/02/2004 11:47	
Surrogates(s)					
4-Bromofluorobenzene	87.2	79-118	%	06/02/2004 11:47	
1,2-Dichloroethane-d4	99.2	78-117	%	06/02/2004 11:47	
Toluene-d8	95.6	77-121	%	06/02/2004 11:47	

Volatile Organic Compounds by 8260B (Low Level)

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Project: 869-4A
Milpitas Sewage (Mil. Sewage)

Received: 05/25/2004 17:53

Batch QC Report

Prep(s): 5030B — Test(s): 8260B

Laboratory Control Spike — **Water** — **QC Batch # 2004/06/01-01.60**

LCS 2004/06/01-01.60-040 — Extracted: 06/01/2004 — Analyzed: 06/01/2004 09:40

LCSD 2004/06/01-01.60-014 — Extracted: 06/01/2004 — Analyzed: 06/01/2004 10:14

Compound	Conc. ug/L		Exp.Conc.	Recovery %		RPD	Ctrl.Limits %		Flags	
	LCS	LCSD		LCS	LCSD	%	Rec.	RPD	LCS	LCSD
Benzene	19.9	19.7	20.0	99.5	98.5	1.0	69-129	20		
Chlorobenzene	21.0	20.8	20.0	105.0	104.0	1.0	61-121	20		
1,1-Dichloroethene	20.8	19.9	20.0	104.0	99.5	4.4	65-125	20		
Toluene	19.0	19.4	20.0	95.0	97.0	2.1	70-130	20		
Trichloroethene	18.5	18.4	20.0	92.5	92.0	0.5	74-134	20		
Surrogates(s)										
4-Bromofluorobenzene	464	454	500	92.8	90.8		79-118			
1,2-Dichloroethane-d4	465	495	500	93.0	99.0		78-117			
Toluene-d8	452	461	500	90.4	92.2		77-121			

Volatile Organic Compounds by 8260B (Low Level)

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Project: 869-4A
Milpitas Sewage (Mil. Sewage)

Received: 05/25/2004 17:53

Batch QC Report

Prep(s): 5030B

Test(s): 8260B

Laboratory Control Spike **Water** **QC Batch # 2004/06/01-01.71**

LCS 2004/06/01-01.71-004 Extracted: 06/01/2004 Analyzed: 06/01/2004 09:04
LCSD 2004/06/01-01.71-037 Extracted: 06/01/2004 Analyzed: 06/01/2004 09:37

Compound	Conc. ug/L		Exp.Conc.	Recovery %		RPD	Ctrl.Limits %		Flags	
	LCS	LCSD		LCS	LCSD	%	Rec.	RPD	LCS	LCSD
Benzene	18.7	18.8	20.0	93.5	94.0	0.5	69-129	20		
Chlorobenzene	19.9	20.9	20.0	99.5	104.5	4.9	61-121	20		
1,1-Dichloroethene	19.0	19.3	20.0	95.0	96.5	1.6	65-125	20		
Toluene	18.5	18.9	20.0	92.5	94.5	2.1	70-130	20		
Trichloroethene	18.8	18.7	20.0	94.0	93.5	0.5	74-134	20		
Surrogates(s)										
4-Bromofluorobenzene	443	453	500	88.6	90.6		79-118			
1,2-Dichloroethane-d4	454	462	500	90.8	92.4		78-117			
Toluene-d8	459	453	500	91.8	90.6		77-121			

Volatile Organic Compounds by 8260B (Low Level)

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Project: 869-4A
Milpitas Sewage (Mil. Sewage)

Received: 05/25/2004 17:53

Batch QC Report

Prep(s): 5030B

Test(s): 8260B

Laboratory Control Spike **Water** **QC Batch # 2004/06/02-01.06**

LCS 2004/06/02-01.06-003 Extracted: 06/02/2004 Analyzed: 06/02/2004 10:36
LCSD 2004/06/02-01.06-004 Extracted: 06/02/2004 Analyzed: 06/02/2004 11:11

Compound	Conc. ug/L		Exp.Conc.	Recovery %		RPD	Ctrl.Limits %		Flags	
	LCS	LCSD		LCS	LCSD	%	Rec.	RPD	LCS	LCSD
Benzene	17.7	18.6	20.0	88.5	93.0	5.0	69-129	20		
Chlorobenzene	18.8	19.3	20.0	94.0	96.5	2.6	61-121	20		
1,1-Dichloroethene	17.3	17.3	20.0	86.5	86.5	0.0	65-125	20		
Toluene	18.5	18.6	20.0	92.5	93.0	0.5	70-130	20		
Trichloroethene	17.7	18.4	20.0	88.5	92.0	3.9	74-134	20		
Surrogates(s)										
4-Bromofluorobenzene	436	427	500	87.2	85.4		79-118			
1,2-Dichloroethane-d4	512	494	500	102.4	98.8		78-117			
Toluene-d8	485	479	500	97.0	95.8		77-121			

Volatile Organic Compounds by 8260B (Low Level)

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Project: 869-4A
Milpitas Sewage (Mil. Sewage)

Received: 05/25/2004 17:53

Legend and Notes

Analysis Flag

lrn

Reporting limits raised due to high level of non-target analyte materials.

o

Reporting limits were raised due to high level of analyte present in the sample.

Fuel Oxygenates by 8260B

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Project: 869-4A
Milpitas Sewage (Mil. Sewage)

Received: 05/25/2004 17:53

Samples Reported

Sample Name	Date Sampled	Matrix	Lab #
BLD-3A	05/21/2004	Water	1
BLD-3B	05/21/2004	Water	3
BLD-8A	05/21/2004	Water	5
BLD-8B	05/21/2004	Water	6
BLD-9A	05/21/2004	Water	7
BLD-9B	05/24/2004	Water	10
BLD-9C	05/24/2004	Water	12
BLD-10A	05/24/2004	Water	14
BLD-10B	05/24/2004	Water	16

Fuel Oxygenates by 8260B

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Project: 869-4A
Milpitas Sewage (Mil. Sewage)

Received: 05/25/2004 17:53

Prep(s): 5030B
Sample ID: **BLD-3A**
Sampled: 05/21/2004
Matrix: Water

Test(s): 8260B
Lab ID: 2004-05-0900 - 1
Extracted: 6/2/2004 10:36
QC Batch#: 2004/06/02-01.68

Compound	Conc.	RL	Unit	Dilution	Analyzed	Flag
Gasoline	ND	50	ug/L	1.00	06/02/2004 10:36	
Methyl tert-butyl ether (MTBE)	ND	0.50	ug/L	1.00	06/02/2004 10:36	
Benzene	ND	0.50	ug/L	1.00	06/02/2004 10:36	
Toluene	ND	0.50	ug/L	1.00	06/02/2004 10:36	
Ethylbenzene	ND	0.50	ug/L	1.00	06/02/2004 10:36	
Total xylenes	ND	1.0	ug/L	1.00	06/02/2004 10:36	
Surrogate(s)						
1,2-Dichloroethane-d4	107.3	72-128	%	1.00	06/02/2004 10:36	
Toluene-d8	90.5	80-113	%	1.00	06/02/2004 10:36	

Fuel Oxygenates by 8260B

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Project: 869-4A
Milpitas Sewage (Mil. Sewage)

Received: 05/25/2004 17:53

Prep(s): 5030B
Sample ID: **BLD-3B**
Sampled: 05/21/2004
Matrix: Water

Test(s): 8260B
Lab ID: 2004-05-0900 - 3
Extracted: 6/2/2004 12:10
QC Batch#: 2004/06/02-01.68

Compound	Conc.	RL	Unit	Dilution	Analyzed	Flag
Gasoline	ND	50	ug/L	1.00	06/02/2004 12:10	
Methyl tert-butyl ether (MTBE)	ND	0.50	ug/L	1.00	06/02/2004 12:10	
Benzene	ND	0.50	ug/L	1.00	06/02/2004 12:10	
Toluene	ND	0.50	ug/L	1.00	06/02/2004 12:10	
Ethylbenzene	ND	0.50	ug/L	1.00	06/02/2004 12:10	
Total xylenes	ND	1.0	ug/L	1.00	06/02/2004 12:10	
Surrogate(s)						
1,2-Dichloroethane-d4	109.7	72-128	%	1.00	06/02/2004 12:10	
Toluene-d8	95.2	80-113	%	1.00	06/02/2004 12:10	

Fuel Oxygenates by 8260B

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Project: 869-4A
Milpitas Sewage (Mil. Sewage)

Received: 05/25/2004 17:53

Prep(s):	5030B	Test(s):	8260B
Sample ID:	**BLD-8A**	Lab ID:	2004-05-0900 - 5
Sampled:	05/21/2004	Extracted:	6/2/2004 12:29
Matrix:	Water	QC Batch#:	2004/06/02-01.68

Compound	Conc.	RL	Unit	Dilution	Analyzed	Flag
Gasoline	ND	50	ug/L	1.00	06/02/2004 12:29	
Methyl tert-butyl ether (MTBE)	ND	0.50	ug/L	1.00	06/02/2004 12:29	
Benzene	ND	0.50	ug/L	1.00	06/02/2004 12:29	
Toluene	ND	0.50	ug/L	1.00	06/02/2004 12:29	
Ethylbenzene	ND	0.50	ug/L	1.00	06/02/2004 12:29	
Total xylenes	ND	1.0	ug/L	1.00	06/02/2004 12:29	
Surrogate(s)						
1,2-Dichloroethane-d4	104.0	72-128	%	1.00	06/02/2004 12:29	
Toluene-d8	104.0	80-113	%	1.00	06/02/2004 12:29	

Fuel Oxygenates by 8260B

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Project: 869-4A
Milpitas Sewage (Mil. Sewage)

Received: 05/25/2004 17:53

Prep(s):	5030B	Test(s):	8260B
Sample ID:	**BLD-8B**	Lab ID:	2004-05-0900 - 6
Sampled:	05/21/2004	Extracted:	6/2/2004 12:48
Matrix:	Water	QC Batch#:	2004/06/02-01.68

Compound	Conc.	RL	Unit	Dilution	Analyzed	Flag
Gasoline	ND	50	ug/L	1.00	06/02/2004 12:48	
Methyl tert-butyl ether (MTBE)	ND	0.50	ug/L	1.00	06/02/2004 12:48	
Benzene	ND	0.50	ug/L	1.00	06/02/2004 12:48	
Toluene	0.83	0.50	ug/L	1.00	06/02/2004 12:48	
Ethylbenzene	ND	0.50	ug/L	1.00	06/02/2004 12:48	
Total xylenes	ND	1.0	ug/L	1.00	06/02/2004 12:48	
Surrogate(s)						
1,2-Dichloroethane-d4	99.2	72-128	%	1.00	06/02/2004 12:48	
Toluene-d8	103.4	80-113	%	1.00	06/02/2004 12:48	

Fuel Oxygenates by 8260B

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Project: 869-4A
Milpitas Sewage (Mil. Sewage)

Received: 05/25/2004 17:53

Prep(s): 5030B
Test(s): 8260B
Sample ID: **BLD-9A**
Lab ID: 2004-05-0900 - 7
Sampled: 05/21/2004
Extracted: 6/2/2004 13:07
Matrix: Water
QC Batch#: 2004/06/02-01.68

Compound	Conc.	RL	Unit	Dilution	Analyzed	Flag
Gasoline	83	50	ug/L	1.00	06/02/2004 13:07	g
Methyl tert-butyl ether (MTBE)	ND	0.50	ug/L	1.00	06/02/2004 13:07	
Benzene	ND	0.50	ug/L	1.00	06/02/2004 13:07	
Toluene	0.56	0.50	ug/L	1.00	06/02/2004 13:07	
Ethylbenzene	ND	0.50	ug/L	1.00	06/02/2004 13:07	
Total xylenes	ND	1.0	ug/L	1.00	06/02/2004 13:07	
Surrogate(s)						
1,2-Dichloroethane-d4	116.7	72-128	%	1.00	06/02/2004 13:07	
Toluene-d8	102.5	80-113	%	1.00	06/02/2004 13:07	

Fuel Oxygenates by 8260B

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Project: 869-4A
Milpitas Sewage (Mil. Sewage)

Received: 05/25/2004 17:53

Prep(s): 5030B
Test(s): 8260B
Sample ID: **BLD-9B**
Lab ID: 2004-05-0900 - 10
Sampled: 05/24/2004
Extracted: 6/2/2004 13:26
Matrix: Water
QC Batch#: 2004/06/02-01.68
Analysis Flag: fm (See Legend and Note Section)

Compound	Conc.	RL	Unit	Dilution	Analyzed	Flag
Gasoline	ND	250	ug/L	5.00	06/02/2004 13:26	
Methyl tert-butyl ether (MTBE)	ND	2.5	ug/L	5.00	06/02/2004 13:26	
Benzene	ND	2.5	ug/L	5.00	06/02/2004 13:26	
Toluene	ND	2.5	ug/L	5.00	06/02/2004 13:26	
Ethylbenzene	ND	2.5	ug/L	5.00	06/02/2004 13:26	
Total xylenes	ND	5.0	ug/L	5.00	06/02/2004 13:26	
Surrogate(s)						
1,2-Dichloroethane-d4	103.9	72-128	%	5.00	06/02/2004 13:26	
Toluene-d8	101.7	80-113	%	5.00	06/02/2004 13:26	

Fuel Oxygenates by 8260B

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Project: 869-4A
Milpitas Sewage (Mil. Sewage)

Received: 05/25/2004 17:53

Prep(s): 5030B
Test(s): 8260B
Sample ID: **BLD-9C**
Lab ID: 2004-05-0900 - 12
Sampled: 05/24/2004
Extracted: 6/2/2004 13:45
Matrix: Water
QC Batch#: 2004/06/02-01.68

Compound	Conc.	RL	Unit	Dilution	Analyzed	Flag
Gasoline	ND	50	ug/L	1.00	06/02/2004 13:45	
Methyl tert-butyl ether (MTBE)	ND	0.50	ug/L	1.00	06/02/2004 13:45	
Benzene	ND	0.50	ug/L	1.00	06/02/2004 13:45	
Toluene	ND	0.50	ug/L	1.00	06/02/2004 13:45	
Ethylbenzene	ND	0.50	ug/L	1.00	06/02/2004 13:45	
Total xylenes	ND	1.0	ug/L	1.00	06/02/2004 13:45	
Surrogate(s)						
1,2-Dichloroethane-d4	108.6	72-128	%	1.00	06/02/2004 13:45	
Toluene-d8	95.6	80-113	%	1.00	06/02/2004 13:45	

Fuel Oxygenates by 8260B

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Project: 869-4A
Milpitas Sewage (Mil. Sewage)

Received: 05/25/2004 17:53

Prep(s): 5030B
Test(s): 8260B
Sample ID: **BLD-10A**
Lab ID: 2004-05-0900 - 14
Sampled: 05/24/2004
Extracted: 6/2/2004 14:04
Matrix: Water
QC Batch#: 2004/06/02-01.68
Analysis Flag: fm (See Legend and Note Section)

Compound	Conc.	RL	Unit	Dilution	Analyzed	Flag
Gasoline	ND	250	ug/L	5.00	06/02/2004 14:04	
Methyl tert-butyl ether (MTBE)	ND	2.5	ug/L	5.00	06/02/2004 14:04	
Benzene	ND	2.5	ug/L	5.00	06/02/2004 14:04	
Toluene	ND	2.5	ug/L	5.00	06/02/2004 14:04	
Ethylbenzene	ND	2.5	ug/L	5.00	06/02/2004 14:04	
Total xylenes	ND	5.0	ug/L	5.00	06/02/2004 14:04	
Surrogate(s)						
1,2-Dichloroethane-d4	103.5	72-128	%	5.00	06/02/2004 14:04	
Toluene-d8	99.7	80-113	%	5.00	06/02/2004 14:04	

Fuel Oxygenates by 8260B

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Project: 869-4A
Milpitas Sewage (Mil. Sewage)

Received: 05/25/2004 17:53

Prep(s): 5030B
Sample ID: **BLD-10B**
Sampled: 05/24/2004
Matrix: Water

Test(s): 8260B
Lab ID: 2004-05-0900 - 16
Extracted: 6/2/2004 14:23
QC Batch#: 2004/06/02-01.68

Analysis Flag: fm (See Legend and Note Section)

Compound	Conc.	RL	Unit	Dilution	Analyzed	Flag
Gasoline	ND	250	ug/L	5.00	06/02/2004 14:23	
Methyl tert-butyl ether (MTBE)	ND	2.5	ug/L	5.00	06/02/2004 14:23	
Benzene	ND	2.5	ug/L	5.00	06/02/2004 14:23	
Toluene	ND	2.5	ug/L	5.00	06/02/2004 14:23	
Ethylbenzene	ND	2.5	ug/L	5.00	06/02/2004 14:23	
Total xylenes	ND	5.0	ug/L	5.00	06/02/2004 14:23	
Surrogate(s)						
1,2-Dichloroethane-d4	104.3	72-128	%	5.00	06/02/2004 14:23	
Toluene-d8	106.3	80-113	%	5.00	06/02/2004 14:23	

Fuel Oxygenates by 8260B

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Project: 869-4A
Milpitas Sewage (Mil. Sewage)

Received: 05/25/2004 17:53

Batch QC Report

Prep(s): 5030B
Method Blank
MB: 2004/06/02-01.68-020

Water

Test(s): 8260B
QC Batch # 2004/06/02-01.68
Date Extracted: 06/02/2004 07:20

Compound	Conc.	RL	Unit	Analyzed	Flag
Gasoline	ND	50	ug/L	06/02/2004 07:20	
Methyl tert-butyl ether (MTBE)	ND	0.5	ug/L	06/02/2004 07:20	
Benzene	ND	0.5	ug/L	06/02/2004 07:20	
Toluene	ND	0.5	ug/L	06/02/2004 07:20	
Ethylbenzene	ND	0.5	ug/L	06/02/2004 07:20	
Total xylenes	ND	1.0	ug/L	06/02/2004 07:20	
Surrogates(s)					
1,2-Dichloroethane-d4	104.4	72-128	%	06/02/2004 07:20	
Toluene-d8	103.4	80-113	%	06/02/2004 07:20	

Fuel Oxygenates by 8260B

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Project: 869-4A
Milpitas Sewage (Mil. Sewage)

Received: 05/25/2004 17:53

Batch QC Report

Prep(s): 5030B

Test(s): 8260B

Laboratory Control Spike **Water** **QC Batch # 2004/06/02-01.68**

LCS 2004/06/02-01.68-042 Extracted: 06/02/2004 Analyzed: 06/02/2004 06:42

LCSD 2004/06/02-01.68-001 Extracted: 06/02/2004 Analyzed: 06/02/2004 07:01

Compound	Conc. ug/L		Exp.Conc.	Recovery %		RPD	Ctrl.Limits %		Flags	
	LCS	LCSD		LCS	LCSD	%	Rec.	RPD	LCS	LCSD
Methyl tert-butyl ether (MTBE)	20.8	22.4	25.0	83.2	89.6	7.4	65-165	20		
Benzene	21.8	21.6	25.0	87.2	86.4	0.9	69-129	20		
Toluene	22.8	24.8	25.0	91.2	99.2	8.4	70-130	20		
Surrogates(s)										
1,2-Dichloroethane-d4	459	484	500	91.8	96.8		72-128			
Toluene-d8	506	509	500	101.2	101.8		80-113			

Fuel Oxygenates by 8260B

Lowney & Associates Mountain View
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Project: 869-4A
Milpitas Sewage (Mil. Sewage)

Received: 05/25/2004 17:53

Legend and Notes

Analysis Flag

fm

Reporting limit raised due to foaming nature of the sample.

Result Flag

g

Hydrocarbon reported in the gasoline range does not match our gasoline standard.

Organochlorine Pesticides Analysis

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Project: 869-4A
Milpitas Sewage (Mil. Sewage)

Received: 05/25/2004 17:53

Samples Reported

Sample Name	Date Sampled	Matrix	Lab #
BLD-3A	05/21/2004	Water	1
BLD-3A	05/21/2004	Soil	2
BLD-3B	05/21/2004	Water	3
BLD-8A	05/21/2004	Water	5
BLD-8B	05/21/2004	Water	6
BLD-9A	05/21/2004	Water	7
BLD-8A	05/24/2004	Soil	8
BLD-8B	05/24/2004	Soil	9
BLD-9B	05/24/2004	Soil	11
BLD-9C	05/24/2004	Soil	13
BLD-10A	05/24/2004	Soil	15
BLD-10B	05/24/2004	Soil	17
BLD-9A	05/24/2004 14:58	Soil	18

Organochlorine Pesticides Analysis

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Project: 869-4A
Milpitas Sewage (Mil. Sewage)

Received: 05/25/2004 17:53

Prep(s): 3510/8081 — Test(s): 8081
Sample ID: **BLD-3A** — Lab ID: 2004-05-0900 - 1
Sampled: 05/21/2004 — Extracted: 5/27/2004 06:02
Matrix: Water — QC Batch#: 2004/05/27-01.13
Analysis Flag: rl,lm (See Legend and Note Section)

Compound	Conc.	RL	Unit	Dilution	Analyzed	Flag
Aldrin	ND	0.36	ug/L	5.95	05/28/2004 21:14	
Dieldrin	ND	0.36	ug/L	5.95	05/28/2004 21:14	
Endrin aldehyde	ND	0.36	ug/L	5.95	05/28/2004 21:14	
Endrin	ND	0.36	ug/L	5.95	05/28/2004 21:14	
Endrin ketone	ND	0.36	ug/L	5.95	05/28/2004 21:14	
Heptachlor	ND	0.36	ug/L	5.95	05/28/2004 21:14	
Heptachlor epoxide	ND	0.36	ug/L	5.95	05/28/2004 21:14	
4,4`-DDT	ND	0.36	ug/L	5.95	05/28/2004 21:14	
4,4`-DDE	ND	0.36	ug/L	5.95	05/28/2004 21:14	
4,4`-DDD	ND	0.36	ug/L	5.95	05/28/2004 21:14	
Endosulfan I	ND	0.36	ug/L	5.95	05/28/2004 21:14	
Endosulfan II	ND	0.36	ug/L	5.95	05/28/2004 21:14	
alpha-BHC	ND	0.36	ug/L	5.95	05/28/2004 21:14	
beta-BHC	ND	0.36	ug/L	5.95	05/28/2004 21:14	
gamma-BHC (Lindane)	ND	0.36	ug/L	5.95	05/28/2004 21:14	
delta-BHC	ND	0.36	ug/L	5.95	05/28/2004 21:14	
Endosulfan sulfate	ND	0.36	ug/L	5.95	05/28/2004 21:14	
4,4`-Methoxychlor	ND	0.36	ug/L	5.95	05/28/2004 21:14	
Toxaphene	ND	6.0	ug/L	5.95	05/28/2004 21:14	
Chlordane (Technical)	ND	6.0	ug/L	5.95	05/28/2004 21:14	
alpha-Chlordane	ND	0.36	ug/L	5.95	05/28/2004 21:14	
gamma-Chlordane	ND	0.36	ug/L	5.95	05/28/2004 21:14	
Surrogate(s)						
2,4,5,6-Tetrachloro-m-xylene	85.6	62-123	%	5.95	05/28/2004 21:14	
Decachlorobiphenyl (Pest/8081)	71.7	56-136	%	5.95	05/28/2004 21:14	

Organochlorine Pesticides Analysis

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Project: 869-4A
Milpitas Sewage (Mil. Sewage)

Received: 05/25/2004 17:53

Prep(s): 3550/8081 Test(s): 8081
Sample ID: **BLD-3A** Lab ID: 2004-05-0900 - 2
Sampled: 05/21/2004 Extracted: 5/27/2004 10:42
Matrix: Soil QC Batch#: 2004/05/27-02.13

Compound	Conc.	RL	Unit	Dilution	Analyzed	Flag
Aldrin	ND	10	ug/Kg	5.00	05/28/2004 15:30	
Dieldrin	ND	10	ug/Kg	5.00	05/28/2004 15:30	
Endrin aldehyde	ND	10	ug/Kg	5.00	05/28/2004 15:30	
Endrin	20	10	ug/Kg	5.00	05/28/2004 15:30	
Endrin ketone	ND	10	ug/Kg	5.00	05/28/2004 15:30	
Heptachlor	ND	10	ug/Kg	5.00	05/28/2004 15:30	
Heptachlor epoxide	ND	10	ug/Kg	5.00	05/28/2004 15:30	
4,4`-DDT	46	10	ug/Kg	5.00	05/28/2004 15:30	
4,4`-DDE	ND	10	ug/Kg	5.00	05/28/2004 15:30	
4,4`-DDD	11	10	ug/Kg	5.00	05/28/2004 15:30	
Endosulfan I	ND	10	ug/Kg	5.00	05/28/2004 15:30	
Endosulfan II	ND	10	ug/Kg	5.00	05/28/2004 15:30	
alpha-BHC	ND	10	ug/Kg	5.00	05/28/2004 15:30	
beta-BHC	ND	10	ug/Kg	5.00	05/28/2004 15:30	
gamma-BHC (Lindane)	ND	10	ug/Kg	5.00	05/28/2004 15:30	
delta-BHC	ND	10	ug/Kg	5.00	05/28/2004 15:30	
Endosulfan sulfate	ND	10	ug/Kg	5.00	05/28/2004 15:30	
4,4`-Methoxychlor	ND	10	ug/Kg	5.00	05/28/2004 15:30	
Toxaphene	ND	500	ug/Kg	5.00	05/28/2004 15:30	
Chlordane (Technical)	ND	250	ug/Kg	5.00	05/28/2004 15:30	
alpha-Chlordane	12	10	ug/Kg	5.00	05/28/2004 15:30	
gamma-Chlordane	14	10	ug/Kg	5.00	05/28/2004 15:30	
Surrogate(s)						
2,4,5,6-Tetrachloro-m-xylene	49.2	50-125	%	5.00	05/28/2004 15:30	s
Decachlorobiphenyl (Pest/8081)	74.4	46-142	%	5.00	05/28/2004 15:30	

Organochlorine Pesticides Analysis

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Project: 869-4A
Milpitas Sewage (Mil. Sewage)

Received: 05/25/2004 17:53

Prep(s): 3510/8081 Test(s): 8081
Sample ID: **BLD-3B** Lab ID: 2004-05-0900 - 3
Sampled: 05/21/2004 Extracted: 5/27/2004 06:02
Matrix: Water QC Batch#: 2004/05/27-01.13
Analysis Flag: rl,sdo,lrn (See Legend and Note Section)

Compound	Conc.	RL	Unit	Dilution	Analyzed	Flag
Aldrin	ND	0.75	ug/L	12.50	05/27/2004 14:57	
Dieldrin	ND	0.75	ug/L	12.50	05/27/2004 14:57	
Endrin aldehyde	ND	0.75	ug/L	12.50	05/27/2004 14:57	
Endrin	ND	0.75	ug/L	12.50	05/27/2004 14:57	
Endrin ketone	ND	0.75	ug/L	12.50	05/27/2004 14:57	
Heptachlor	ND	0.75	ug/L	12.50	05/27/2004 14:57	
Heptachlor epoxide	ND	0.75	ug/L	12.50	05/27/2004 14:57	
4,4`-DDT	ND	0.75	ug/L	12.50	05/27/2004 14:57	
4,4`-DDE	ND	0.75	ug/L	12.50	05/27/2004 14:57	
4,4`-DDD	ND	0.75	ug/L	12.50	05/27/2004 14:57	
Endosulfan I	ND	0.75	ug/L	12.50	05/27/2004 14:57	
Endosulfan II	ND	0.75	ug/L	12.50	05/27/2004 14:57	
alpha-BHC	ND	0.75	ug/L	12.50	05/27/2004 14:57	
beta-BHC	ND	0.75	ug/L	12.50	05/27/2004 14:57	
gamma-BHC (Lindane)	ND	0.75	ug/L	12.50	05/27/2004 14:57	
delta-BHC	ND	0.75	ug/L	12.50	05/27/2004 14:57	
Endosulfan sulfate	ND	0.75	ug/L	12.50	05/27/2004 14:57	
4,4`-Methoxychlor	ND	0.75	ug/L	12.50	05/27/2004 14:57	
Toxaphene	ND	13	ug/L	12.50	05/27/2004 14:57	
Chlordane (Technical)	ND	13	ug/L	12.50	05/27/2004 14:57	
alpha-Chlordane	ND	0.75	ug/L	12.50	05/27/2004 14:57	
gamma-Chlordane	ND	0.75	ug/L	12.50	05/27/2004 14:57	
Surrogate(s)						
2,4,5,6-Tetrachloro-m-xylene	NA	62-123	%	12.50	05/27/2004 14:57	
Decachlorobiphenyl (Pest/8081)	NA	56-136	%	12.50	05/27/2004 14:57	

Organochlorine Pesticides Analysis

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Project: 869-4A
Milpitas Sewage (Mil. Sewage)

Received: 05/25/2004 17:53

Prep(s): 3510/8081 | Test(s): 8081
Sample ID: **BLD-8A** | Lab ID: 2004-05-0900 - 5
Sampled: 05/21/2004 | Extracted: 5/27/2004 06:02
Matrix: Water | QC Batch#: 2004/05/27-01.13
Analysis Flag: lrn (See Legend and Note Section)

Compound	Conc.	RL	Unit	Dilution	Analyzed	Flag
Aldrin	ND	0.30	ug/L	5.00	05/27/2004 15:25	
Dieldrin	ND	0.30	ug/L	5.00	05/27/2004 15:25	
Endrin aldehyde	ND	0.30	ug/L	5.00	05/27/2004 15:25	
Endrin	ND	0.30	ug/L	5.00	05/27/2004 15:25	
Endrin ketone	ND	0.30	ug/L	5.00	05/27/2004 15:25	
Heptachlor	ND	0.30	ug/L	5.00	05/27/2004 15:25	
Heptachlor epoxide	ND	0.30	ug/L	5.00	05/27/2004 15:25	
4,4`-DDT	ND	0.30	ug/L	5.00	05/27/2004 15:25	
4,4`-DDE	ND	0.30	ug/L	5.00	05/27/2004 15:25	
4,4`-DDD	ND	0.30	ug/L	5.00	05/27/2004 15:25	
Endosulfan I	ND	0.30	ug/L	5.00	05/27/2004 15:25	
Endosulfan II	ND	0.30	ug/L	5.00	05/27/2004 15:25	
alpha-BHC	ND	0.30	ug/L	5.00	05/27/2004 15:25	
beta-BHC	ND	0.30	ug/L	5.00	05/27/2004 15:25	
gamma-BHC (Lindane)	ND	0.30	ug/L	5.00	05/27/2004 15:25	
delta-BHC	ND	0.30	ug/L	5.00	05/27/2004 15:25	
Endosulfan sulfate	ND	0.30	ug/L	5.00	05/27/2004 15:25	
4,4`-Methoxychlor	ND	0.30	ug/L	5.00	05/27/2004 15:25	
Toxaphene	ND	5.0	ug/L	5.00	05/27/2004 15:25	
Chlordane (Technical)	ND	5.0	ug/L	5.00	05/27/2004 15:25	
alpha-Chlordane	ND	0.30	ug/L	5.00	05/27/2004 15:25	
gamma-Chlordane	ND	0.30	ug/L	5.00	05/27/2004 15:25	
Surrogate(s)						
2,4,5,6-Tetrachloro-m-xylene	108.2	62-123	%	5.00	05/27/2004 15:25	
Decachlorobiphenyl (Pest/8081)	87.2	56-136	%	5.00	05/27/2004 15:25	

SEVERN TRENT STL

Submission #: 2004-05-0900

Organochlorine Pesticides Analysis

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Project: 869-4A
Milpitas Sewage (Mil. Sewage)

Received: 05/25/2004 17:53

Prep(s): 3510/8081 | Test(s): 8081
Sample ID: **BLD-8B** | Lab ID: 2004-05-0900 - 6
Sampled: 05/21/2004 | Extracted: 5/27/2004 06:02
Matrix: Water | QC Batch#: 2004/05/27-01.13
Analysis Flag: lrn (See Legend and Note Section)

Compound	Conc.	RL	Unit	Dilution	Analyzed	Flag
Aldrin	ND	0.30	ug/L	5.00	05/27/2004 15:54	
Dieldrin	ND	0.30	ug/L	5.00	05/27/2004 15:54	
Endrin aldehyde	ND	0.30	ug/L	5.00	05/27/2004 15:54	
Endrin	ND	0.30	ug/L	5.00	05/27/2004 15:54	
Endrin ketone	ND	0.30	ug/L	5.00	05/27/2004 15:54	
Heptachlor	ND	0.30	ug/L	5.00	05/27/2004 15:54	
Heptachlor epoxide	ND	0.30	ug/L	5.00	05/27/2004 15:54	
4,4`-DDT	ND	0.30	ug/L	5.00	05/27/2004 15:54	
4,4`-DDE	ND	0.30	ug/L	5.00	05/27/2004 15:54	
4,4`-DDD	ND	0.30	ug/L	5.00	05/27/2004 15:54	
Endosulfan I	ND	0.30	ug/L	5.00	05/27/2004 15:54	
Endosulfan II	ND	0.30	ug/L	5.00	05/27/2004 15:54	
alpha-BHC	ND	0.30	ug/L	5.00	05/27/2004 15:54	
beta-BHC	ND	0.30	ug/L	5.00	05/27/2004 15:54	
gamma-BHC (Lindane)	ND	0.30	ug/L	5.00	05/27/2004 15:54	
delta-BHC	ND	0.30	ug/L	5.00	05/27/2004 15:54	
Endosulfan sulfate	ND	0.30	ug/L	5.00	05/27/2004 15:54	
4,4`-Methoxychlor	ND	0.30	ug/L	5.00	05/27/2004 15:54	
Toxaphene	ND	5.0	ug/L	5.00	05/27/2004 15:54	
Chlordane (Technical)	ND	5.0	ug/L	5.00	05/27/2004 15:54	
alpha-Chlordane	ND	0.30	ug/L	5.00	05/27/2004 15:54	
gamma-Chlordane	ND	0.30	ug/L	5.00	05/27/2004 15:54	
Surrogate(s)						
2,4,5,6-Tetrachloro-m-xylene	101.6	62-123	%	5.00	05/27/2004 15:54	
Decachlorobiphenyl (Pest/8081)	75.1	56-136	%	5.00	05/27/2004 15:54	

Organochlorine Pesticides Analysis

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Project: 869-4A
Milpitas Sewage (Mil. Sewage)

Received: 05/25/2004 17:53

Prep(s): 3510/8081 Test(s): 8081
Sample ID: **BLD-9A** Lab ID: 2004-05-0900 - 7
Sampled: 05/21/2004 Extracted: 5/27/2004 06:02
Matrix: Water QC Batch#: 2004/05/27-01.13
Analysis Flag: rl (See Legend and Note Section)

Compound	Conc.	RL	Unit	Dilution	Analyzed	Flag
Aldrin	ND	0.38	ug/L	6.25	05/27/2004 16:23	
Dieldrin	ND	0.38	ug/L	6.25	05/27/2004 16:23	
Endrin aldehyde	ND	0.38	ug/L	6.25	05/27/2004 16:23	
Endrin	ND	0.38	ug/L	6.25	05/27/2004 16:23	
Endrin ketone	ND	0.38	ug/L	6.25	05/27/2004 16:23	
Heptachlor	ND	0.38	ug/L	6.25	05/27/2004 16:23	
Heptachlor epoxide	ND	0.38	ug/L	6.25	05/27/2004 16:23	
4,4`-DDT	ND	0.38	ug/L	6.25	05/27/2004 16:23	
4,4`-DDE	ND	0.38	ug/L	6.25	05/27/2004 16:23	
4,4`-DDD	ND	0.38	ug/L	6.25	05/27/2004 16:23	
Endosulfan I	ND	0.38	ug/L	6.25	05/27/2004 16:23	
Endosulfan II	ND	0.38	ug/L	6.25	05/27/2004 16:23	
alpha-BHC	ND	0.38	ug/L	6.25	05/27/2004 16:23	
beta-BHC	ND	0.38	ug/L	6.25	05/27/2004 16:23	
gamma-BHC (Lindane)	ND	0.38	ug/L	6.25	05/27/2004 16:23	
delta-BHC	ND	0.38	ug/L	6.25	05/27/2004 16:23	
Endosulfan sulfate	ND	0.38	ug/L	6.25	05/27/2004 16:23	
4,4`-Methoxychlor	ND	0.38	ug/L	6.25	05/27/2004 16:23	
Toxaphene	ND	6.3	ug/L	6.25	05/27/2004 16:23	
Chlordane (Technical)	ND	6.3	ug/L	6.25	05/27/2004 16:23	
alpha-Chlordane	ND	0.38	ug/L	6.25	05/27/2004 16:23	
gamma-Chlordane	ND	0.38	ug/L	6.25	05/27/2004 16:23	
Surrogate(s)						
2,4,5,6-Tetrachloro-m-xylene	85.4	62-123	%	6.25	05/27/2004 16:23	
Decachlorobiphenyl (Pest/8081)	77.9	56-136	%	6.25	05/27/2004 16:23	

Organochlorine Pesticides Analysis

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Project: 869-4A
Milpitas Sewage (Mil. Sewage)

Received: 05/25/2004 17:53

Prep(s): 3550/8081 Test(s): 8081
Sample ID: **BLD-8A** Lab ID: 2004-05-0900 - 8
Sampled: 05/24/2004 Extracted: 5/27/2004 10:42
Matrix: Soil QC Batch#: 2004/05/27-02.13

Compound	Conc.	RL	Unit	Dilution	Analyzed	Flag
Aldrin	ND	10	ug/Kg	5.00	05/28/2004 16:19	
Dieldrin	ND	10	ug/Kg	5.00	05/28/2004 16:19	
Endrin aldehyde	ND	10	ug/Kg	5.00	05/28/2004 16:19	
Endrin	ND	10	ug/Kg	5.00	05/28/2004 16:19	
Endrin ketone	ND	10	ug/Kg	5.00	05/28/2004 16:19	
Heptachlor	ND	10	ug/Kg	5.00	05/28/2004 16:19	
Heptachlor epoxide	ND	10	ug/Kg	5.00	05/28/2004 16:19	
4,4`-DDT	39	10	ug/Kg	5.00	05/28/2004 16:19	
4,4`-DDE	ND	10	ug/Kg	5.00	05/28/2004 16:19	
4,4`-DDD	ND	10	ug/Kg	5.00	05/28/2004 16:19	
Endosulfan I	ND	10	ug/Kg	5.00	05/28/2004 16:19	
Endosulfan II	ND	10	ug/Kg	5.00	05/28/2004 16:19	
alpha-BHC	ND	10	ug/Kg	5.00	05/28/2004 16:19	
beta-BHC	ND	10	ug/Kg	5.00	05/28/2004 16:19	
gamma-BHC (Lindane)	ND	10	ug/Kg	5.00	05/28/2004 16:19	
delta-BHC	ND	10	ug/Kg	5.00	05/28/2004 16:19	
Endosulfan sulfate	ND	10	ug/Kg	5.00	05/28/2004 16:19	
4,4`-Methoxychlor	ND	10	ug/Kg	5.00	05/28/2004 16:19	
Toxaphene	ND	500	ug/Kg	5.00	05/28/2004 16:19	
Chlordane (Technical)	ND	250	ug/Kg	5.00	05/28/2004 16:19	
alpha-Chlordane	ND	10	ug/Kg	5.00	05/28/2004 16:19	
gamma-Chlordane	ND	10	ug/Kg	5.00	05/28/2004 16:19	
Surrogate(s)						
2,4,5,6-Tetrachloro-m-xylene	57.1	50-125	%	5.00	05/28/2004 16:19	
Decachlorobiphenyl (Pest/8081)	49.4	46-142	%	5.00	05/28/2004 16:19	

Organochlorine Pesticides Analysis

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Project: 869-4A
Milpitas Sewage (Mil. Sewage)

Received: 05/25/2004 17:53

Prep(s): 3550/8081 | Test(s): 8081
Sample ID: **BLD-8B** | Lab ID: 2004-05-0900 - 9
Sampled: 05/24/2004 | Extracted: 5/27/2004 10:42
Matrix: Soil | QC Batch#: 2004/05/27-02.13

Compound	Conc.	RL	Unit	Dilution	Analyzed	Flag
Aldrin	ND	10	ug/Kg	5.00	05/28/2004 16:43	
Dieldrin	ND	10	ug/Kg	5.00	05/28/2004 16:43	
Endrin aldehyde	ND	10	ug/Kg	5.00	05/28/2004 16:43	
Endrin	21	10	ug/Kg	5.00	05/28/2004 16:43	
Endrin ketone	ND	10	ug/Kg	5.00	05/28/2004 16:43	
Heptachlor	ND	10	ug/Kg	5.00	05/28/2004 16:43	
Heptachlor epoxide	ND	10	ug/Kg	5.00	05/28/2004 16:43	
4,4`-DDT	32	10	ug/Kg	5.00	05/28/2004 16:43	
4,4`-DDE	ND	10	ug/Kg	5.00	05/28/2004 16:43	
4,4`-DDD	ND	10	ug/Kg	5.00	05/28/2004 16:43	
Endosulfan I	ND	10	ug/Kg	5.00	05/28/2004 16:43	
Endosulfan II	ND	10	ug/Kg	5.00	05/28/2004 16:43	
alpha-BHC	ND	10	ug/Kg	5.00	05/28/2004 16:43	
beta-BHC	ND	10	ug/Kg	5.00	05/28/2004 16:43	
gamma-BHC (Lindane)	ND	10	ug/Kg	5.00	05/28/2004 16:43	
delta-BHC	ND	10	ug/Kg	5.00	05/28/2004 16:43	
Endosulfan sulfate	ND	10	ug/Kg	5.00	05/28/2004 16:43	
4,4`-Methoxychlor	ND	10	ug/Kg	5.00	05/28/2004 16:43	
Toxaphene	ND	500	ug/Kg	5.00	05/28/2004 16:43	
Chlordane (Technical)	ND	250	ug/Kg	5.00	05/28/2004 16:43	
alpha-Chlordane	ND	10	ug/Kg	5.00	05/28/2004 16:43	
gamma-Chlordane	ND	10	ug/Kg	5.00	05/28/2004 16:43	
Surrogate(s)						
2,4,5,6-Tetrachloro-m-xylene	66.5	50-125	%	5.00	05/28/2004 16:43	
Decachlorobiphenyl (Pest/8081)	74.8	46-142	%	5.00	05/28/2004 16:43	

Organochlorine Pesticides Analysis

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Project: 869-4A
Milpitas Sewage (Mil. Sewage)

Received: 05/25/2004 17:53

Prep(s): 3550/8081 | Test(s): 8081
Sample ID: **BLD-9B** | Lab ID: 2004-05-0900 - 11
Sampled: 05/24/2004 | Extracted: 5/27/2004 10:42
Matrix: Soil | QC Batch#: 2004/05/27-02.13

Compound	Conc.	RL	Unit	Dilution	Analyzed	Flag
Aldrin	ND	10	ug/Kg	5.00	05/28/2004 17:08	
Dieldrin	ND	10	ug/Kg	5.00	05/28/2004 17:08	
Endrin aldehyde	ND	10	ug/Kg	5.00	05/28/2004 17:08	
Endrin	38	10	ug/Kg	5.00	05/28/2004 17:08	
Endrin ketone	ND	10	ug/Kg	5.00	05/28/2004 17:08	
Heptachlor	ND	10	ug/Kg	5.00	05/28/2004 17:08	
Heptachlor epoxide	ND	10	ug/Kg	5.00	05/28/2004 17:08	
4,4`-DDT	82	10	ug/Kg	5.00	05/28/2004 17:08	
4,4`-DDE	ND	10	ug/Kg	5.00	05/28/2004 17:08	
4,4`-DDD	ND	10	ug/Kg	5.00	05/28/2004 17:08	
Endosulfan I	ND	10	ug/Kg	5.00	05/28/2004 17:08	
Endosulfan II	ND	10	ug/Kg	5.00	05/28/2004 17:08	
alpha-BHC	ND	10	ug/Kg	5.00	05/28/2004 17:08	
beta-BHC	ND	10	ug/Kg	5.00	05/28/2004 17:08	
gamma-BHC (Lindane)	ND	10	ug/Kg	5.00	05/28/2004 17:08	
delta-BHC	ND	10	ug/Kg	5.00	05/28/2004 17:08	
Endosulfan sulfate	ND	10	ug/Kg	5.00	05/28/2004 17:08	
4,4`-Methoxychlor	ND	10	ug/Kg	5.00	05/28/2004 17:08	
Toxaphene	ND	500	ug/Kg	5.00	05/28/2004 17:08	
Chlordane (Technical)	ND	250	ug/Kg	5.00	05/28/2004 17:08	
alpha-Chlordane	ND	10	ug/Kg	5.00	05/28/2004 17:08	
gamma-Chlordane	24	10	ug/Kg	5.00	05/28/2004 17:08	
Surrogate(s)						
2,4,5,6-Tetrachloro-m-xylene	39.1	50-125	%	5.00	05/28/2004 17:08	s
Decachlorobiphenyl (Pest/8081)	65.6	46-142	%	5.00	05/28/2004 17:08	

Organochlorine Pesticides Analysis

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Project: 869-4A
Milpitas Sewage (Mil. Sewage)

Received: 05/25/2004 17:53

Prep(s): 3550/8081 Test(s): 8081
Sample ID: **BLD-9C** Lab ID: 2004-05-0900 - 13
Sampled: 05/24/2004 Extracted: 5/27/2004 10:42
Matrix: Soil QC Batch#: 2004/05/27-02.13
Analysis Flag: Irn (See Legend and Note Section)

Compound	Conc.	RL	Unit	Dilution	Analyzed	Flag
Aldrin	ND	10	ug/Kg	5.00	05/28/2004 17:33	
Dieldrin	ND	10	ug/Kg	5.00	05/28/2004 17:33	
Endrin aldehyde	ND	10	ug/Kg	5.00	05/28/2004 17:33	
Endrin	ND	10	ug/Kg	5.00	05/28/2004 17:33	
Endrin ketone	ND	10	ug/Kg	5.00	05/28/2004 17:33	
Heptachlor	ND	10	ug/Kg	5.00	05/28/2004 17:33	
Heptachlor epoxide	ND	10	ug/Kg	5.00	05/28/2004 17:33	
4,4`-DDT	ND	10	ug/Kg	5.00	05/28/2004 17:33	
4,4`-DDE	ND	10	ug/Kg	5.00	05/28/2004 17:33	
4,4`-DDD	ND	10	ug/Kg	5.00	05/28/2004 17:33	
Endosulfan I	ND	10	ug/Kg	5.00	05/28/2004 17:33	
Endosulfan II	ND	10	ug/Kg	5.00	05/28/2004 17:33	
alpha-BHC	ND	10	ug/Kg	5.00	05/28/2004 17:33	
beta-BHC	ND	10	ug/Kg	5.00	05/28/2004 17:33	
gamma-BHC (Lindane)	ND	10	ug/Kg	5.00	05/28/2004 17:33	
delta-BHC	ND	10	ug/Kg	5.00	05/28/2004 17:33	
Endosulfan sulfate	ND	10	ug/Kg	5.00	05/28/2004 17:33	
4,4`-Methoxychlor	ND	10	ug/Kg	5.00	05/28/2004 17:33	
Toxaphene	ND	500	ug/Kg	5.00	05/28/2004 17:33	
Chlordane (Technical)	ND	250	ug/Kg	5.00	05/28/2004 17:33	
alpha-Chlordane	ND	10	ug/Kg	5.00	05/28/2004 17:33	
gamma-Chlordane	ND	10	ug/Kg	5.00	05/28/2004 17:33	
Surrogate(s)						
2,4,5,6-Tetrachloro-m-xylene	100.4	50-125	%	5.00	05/28/2004 17:33	
Decachlorobiphenyl (Pest/8081)	158.6	46-142	%	5.00	05/28/2004 17:33	s

Organochlorine Pesticides Analysis

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Project: 869-4A
Milpitas Sewage (Mil. Sewage)

Received: 05/25/2004 17:53

Prep(s): 3550/8081 Test(s): 8081
Sample ID: **BLD-10A** Lab ID: 2004-05-0900 - 15
Sampled: 05/24/2004 Extracted: 5/27/2004 10:42
Matrix: Soil QC Batch#: 2004/05/27-02.13

Compound	Conc.	RL	Unit	Dilution	Analyzed	Flag
Aldrin	ND	10	ug/Kg	5.00	05/28/2004 17:57	
Dieldrin	ND	10	ug/Kg	5.00	05/28/2004 17:57	
Endrin aldehyde	11	10	ug/Kg	5.00	05/28/2004 17:57	
Endrin	37	10	ug/Kg	5.00	05/28/2004 17:57	
Endrin ketone	ND	10	ug/Kg	5.00	05/28/2004 17:57	
Heptachlor	ND	10	ug/Kg	5.00	05/28/2004 17:57	
Heptachlor epoxide	ND	10	ug/Kg	5.00	05/28/2004 17:57	
4,4`-DDT	73	10	ug/Kg	5.00	05/28/2004 17:57	
4,4`-DDE	26	10	ug/Kg	5.00	05/28/2004 17:57	
4,4`-DDD	24	10	ug/Kg	5.00	05/28/2004 17:57	
Endosulfan I	ND	10	ug/Kg	5.00	05/28/2004 17:57	
Endosulfan II	ND	10	ug/Kg	5.00	05/28/2004 17:57	
alpha-BHC	ND	10	ug/Kg	5.00	05/28/2004 17:57	
beta-BHC	ND	10	ug/Kg	5.00	05/28/2004 17:57	
gamma-BHC (Lindane)	ND	10	ug/Kg	5.00	05/28/2004 17:57	
delta-BHC	ND	10	ug/Kg	5.00	05/28/2004 17:57	
Endosulfan sulfate	ND	10	ug/Kg	5.00	05/28/2004 17:57	
4,4`-Methoxychlor	ND	10	ug/Kg	5.00	05/28/2004 17:57	
Toxaphene	ND	500	ug/Kg	5.00	05/28/2004 17:57	
Chlordane (Technical)	ND	250	ug/Kg	5.00	05/28/2004 17:57	
alpha-Chlordane	30	10	ug/Kg	5.00	05/28/2004 17:57	
gamma-Chlordane	ND	10	ug/Kg	5.00	05/28/2004 17:57	
Surrogate(s)						
2,4,5,6-Tetrachloro-m-xylene	8.1	50-125	%	5.00	05/28/2004 17:57	s
Decachlorobiphenyl (Pest/8081)	62.3	46-142	%	5.00	05/28/2004 17:57	

Organochlorine Pesticides Analysis

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Project: 869-4A
Milpitas Sewage (Mil. Sewage)

Received: 05/25/2004 17:53

Prep(s): 3550/8081 Test(s): 8081
Sample ID: **BLD-10B** Lab ID: 2004-05-0900 - 17
Sampled: 05/24/2004 Extracted: 5/27/2004 10:42
Matrix: Soil QC Batch#: 2004/05/27-02.13
Analysis Flag: Irn (See Legend and Note Section)

Compound	Conc.	RL	Unit	Dilution	Analyzed	Flag
Aldrin	ND	10	ug/Kg	5.00	05/28/2004 18:22	
Dieldrin	ND	10	ug/Kg	5.00	05/28/2004 18:22	
Endrin aldehyde	ND	10	ug/Kg	5.00	05/28/2004 18:22	
Endrin	ND	10	ug/Kg	5.00	05/28/2004 18:22	
Endrin ketone	ND	10	ug/Kg	5.00	05/28/2004 18:22	
Heptachlor	ND	10	ug/Kg	5.00	05/28/2004 18:22	
Heptachlor epoxide	ND	10	ug/Kg	5.00	05/28/2004 18:22	
4,4`-DDT	ND	10	ug/Kg	5.00	05/28/2004 18:22	
4,4`-DDE	ND	10	ug/Kg	5.00	05/28/2004 18:22	
4,4`-DDD	ND	10	ug/Kg	5.00	05/28/2004 18:22	
Endosulfan I	ND	10	ug/Kg	5.00	05/28/2004 18:22	
Endosulfan II	ND	10	ug/Kg	5.00	05/28/2004 18:22	
alpha-BHC	ND	10	ug/Kg	5.00	05/28/2004 18:22	
beta-BHC	ND	10	ug/Kg	5.00	05/28/2004 18:22	
gamma-BHC (Lindane)	ND	10	ug/Kg	5.00	05/28/2004 18:22	
delta-BHC	ND	10	ug/Kg	5.00	05/28/2004 18:22	
Endosulfan sulfate	ND	10	ug/Kg	5.00	05/28/2004 18:22	
4,4`-Methoxychlor	ND	10	ug/Kg	5.00	05/28/2004 18:22	
Toxaphene	ND	500	ug/Kg	5.00	05/28/2004 18:22	
Chlordane (Technical)	ND	250	ug/Kg	5.00	05/28/2004 18:22	
alpha-Chlordane	ND	10	ug/Kg	5.00	05/28/2004 18:22	
gamma-Chlordane	ND	10	ug/Kg	5.00	05/28/2004 18:22	
Surrogate(s)						
2,4,5,6-Tetrachloro-m-xylene	70.4	50-125	%	5.00	05/28/2004 18:22	
Decachlorobiphenyl (Pest/8081)	62.8	46-142	%	5.00	05/28/2004 18:22	

Organochlorine Pesticides Analysis

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Project: 869-4A
Milpitas Sewage (Mil. Sewage)

Received: 05/25/2004 17:53

Prep(s): 3550/8081 Test(s): 8081
Sample ID: **BLD-9A** Lab ID: 2004-05-0900 - 18
Sampled: 05/24/2004 14:58 Extracted: 5/27/2004 10:42
Matrix: Soil QC Batch#: 2004/05/27-02.13
Analysis Flag: Irn (See Legend and Note Section)

Compound	Conc.	RL	Unit	Dilution	Analyzed	Flag
Aldrin	ND	10	ug/Kg	5.00	05/28/2004 18:47	
Dieldrin	ND	10	ug/Kg	5.00	05/28/2004 18:47	
Endrin aldehyde	ND	10	ug/Kg	5.00	05/28/2004 18:47	
Endrin	ND	10	ug/Kg	5.00	05/28/2004 18:47	
Endrin ketone	ND	10	ug/Kg	5.00	05/28/2004 18:47	
Heptachlor	ND	10	ug/Kg	5.00	05/28/2004 18:47	
Heptachlor epoxide	ND	10	ug/Kg	5.00	05/28/2004 18:47	
4,4`-DDT	ND	10	ug/Kg	5.00	05/28/2004 18:47	
4,4`-DDE	ND	10	ug/Kg	5.00	05/28/2004 18:47	
4,4`-DDD	ND	10	ug/Kg	5.00	05/28/2004 18:47	
Endosulfan I	ND	10	ug/Kg	5.00	05/28/2004 18:47	
Endosulfan II	ND	10	ug/Kg	5.00	05/28/2004 18:47	
alpha-BHC	ND	10	ug/Kg	5.00	05/28/2004 18:47	
beta-BHC	ND	10	ug/Kg	5.00	05/28/2004 18:47	
gamma-BHC (Lindane)	ND	10	ug/Kg	5.00	05/28/2004 18:47	
delta-BHC	ND	10	ug/Kg	5.00	05/28/2004 18:47	
Endosulfan sulfate	ND	10	ug/Kg	5.00	05/28/2004 18:47	
4,4`-Methoxychlor	ND	10	ug/Kg	5.00	05/28/2004 18:47	
Toxaphene	ND	500	ug/Kg	5.00	05/28/2004 18:47	
Chlordane (Technical)	ND	250	ug/Kg	5.00	05/28/2004 18:47	
alpha-Chlordane	ND	10	ug/Kg	5.00	05/28/2004 18:47	
gamma-Chlordane	ND	10	ug/Kg	5.00	05/28/2004 18:47	
Surrogate(s)						
2,4,5,6-Tetrachloro-m-xylene	87.5	50-125	%	5.00	05/28/2004 18:47	
Decachlorobiphenyl (Pest/8081)	107.2	46-142	%	5.00	05/28/2004 18:47	

Organochlorine Pesticides Analysis

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Project: 869-4A
Milpitas Sewage (Mil. Sewage)

Received: 05/25/2004 17:53

Batch QC Report

Prep(s): 3510/8081 Test(s): 8081
Method Blank **Water** **QC Batch # 2004/05/27-01.13**
MB: 2004/05/27-01.13-001 Date Extracted: 05/27/2004 06:02

Compound	Conc.	RL	Unit	Analyzed	Flag
Aldrin	ND	0.060	ug/L	05/27/2004 12:57	
Dieldrin	ND	0.060	ug/L	05/27/2004 12:57	
Endrin aldehyde	ND	0.060	ug/L	05/27/2004 12:57	
Endrin	ND	0.060	ug/L	05/27/2004 12:57	
Endrin ketone	ND	0.060	ug/L	05/27/2004 12:57	
Heptachlor	ND	0.060	ug/L	05/27/2004 12:57	
Heptachlor epoxide	ND	0.060	ug/L	05/27/2004 12:57	
4,4`-DDT	ND	0.060	ug/L	05/27/2004 12:57	
4,4`-DDE	ND	0.060	ug/L	05/27/2004 12:57	
4,4`-DDD	ND	0.060	ug/L	05/27/2004 12:57	
Endosulfan I	ND	0.060	ug/L	05/27/2004 12:57	
Endosulfan II	ND	0.060	ug/L	05/27/2004 12:57	
alpha-BHC	ND	0.060	ug/L	05/27/2004 12:57	
beta-BHC	ND	0.060	ug/L	05/27/2004 12:57	
gamma-BHC (Lindane)	ND	0.060	ug/L	05/27/2004 12:57	
delta-BHC	ND	0.060	ug/L	05/27/2004 12:57	
Endosulfan sulfate	ND	0.060	ug/L	05/27/2004 12:57	
4,4`-Methoxychlor	ND	0.060	ug/L	05/27/2004 12:57	
Toxaphene	ND	1.0	ug/L	05/27/2004 12:57	
Chlordane (Technical)	ND	1.0	ug/L	05/27/2004 12:57	
alpha-Chlordane	ND	0.060	ug/L	05/27/2004 12:57	
gamma-Chlordane	ND	0.060	ug/L	05/27/2004 12:57	
Surrogates(s)					
2,4,5,6-Tetrachloro-m-xylene	83.6	62-123	%	05/27/2004 12:57	
Decachlorobiphenyl (Pest/8081)	93.3	56-136	%	05/27/2004 12:57	

Organochlorine Pesticides Analysis

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Project: 869-4A
Milpitas Sewage (Mil. Sewage)

Received: 05/25/2004 17:53

Batch QC Report

Prep(s): 3550/8081 Test(s): 8081
Method Blank **Soil** **QC Batch # 2004/05/27-02.13**
MB: 2004/05/27-02.13-001 Date Extracted: 05/27/2004 10:42

Compound	Conc.	RL	Unit	Analyzed	Flag
Aldrin	ND	2.0	ug/Kg	05/28/2004 09:54	
Dieldrin	ND	2.0	ug/Kg	05/28/2004 09:54	
Endrin aldehyde	ND	2.0	ug/Kg	05/28/2004 09:54	
Endrin	ND	2.0	ug/Kg	05/28/2004 09:54	
Endrin ketone	ND	2.0	ug/Kg	05/28/2004 09:54	
Heptachlor	ND	2.0	ug/Kg	05/28/2004 09:54	
Heptachlor epoxide	ND	2.0	ug/Kg	05/28/2004 09:54	
4,4`-DDT	ND	2.0	ug/Kg	05/28/2004 09:54	
4,4`-DDE	ND	2.0	ug/Kg	05/28/2004 09:54	
4,4`-DDD	ND	2.0	ug/Kg	05/28/2004 09:54	
Endosulfan I	ND	2.0	ug/Kg	05/28/2004 09:54	
Endosulfan II	ND	2.0	ug/Kg	05/28/2004 09:54	
alpha-BHC	ND	2.0	ug/Kg	05/28/2004 09:54	
beta-BHC	ND	2.0	ug/Kg	05/28/2004 09:54	
gamma-BHC (Lindane)	ND	2.0	ug/Kg	05/28/2004 09:54	
delta-BHC	ND	2.0	ug/Kg	05/28/2004 09:54	
Endosulfan sulfate	ND	2.0	ug/Kg	05/28/2004 09:54	
4,4`-Methoxychlor	ND	2.0	ug/Kg	05/28/2004 09:54	
Toxaphene	ND	100	ug/Kg	05/28/2004 09:54	
Chlordane (Technical)	ND	50	ug/Kg	05/28/2004 09:54	
alpha-Chlordane	ND	2.0	ug/Kg	05/28/2004 09:54	
gamma-Chlordane	ND	2.0	ug/Kg	05/28/2004 09:54	
Surrogates(s)					
2,4,5,6-Tetrachloro-m-xylene	99.7	50-125	%	05/28/2004 09:54	
Decachlorobiphenyl (Pest/8081)	105.6	46-142	%	05/28/2004 09:54	

Organochlorine Pesticides Analysis

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Project: 869-4A
Milpitas Sewage (Mil. Sewage)

Received: 05/25/2004 17:53

Batch QC Report

Prep(s): 3510/8081 Test(s): 8081

Laboratory Control Spike **Water** **QC Batch # 2004/05/27-01.13**

LCS 2004/05/27-01.13-002 Extracted: 05/27/2004 Analyzed: 05/27/2004 13:26
LCSD 2004/05/27-01.13-003 Extracted: 05/27/2004 Analyzed: 05/27/2004 13:55

Compound	Conc. ug/L		Exp.Conc.	Recovery %		RPD	Ctrl.Limits %		Flags	
	LCS	LCSD		LCS	LCSD	%	Rec.	RPD	LCS	LCSD
Aldrin	0.523	0.510	0.500	104.6	102.0	2.5	65-135	35		
Dieldrin	0.538	0.537	0.500	107.6	107.4	0.2	65-135	35		
Endrin	0.544	0.543	0.500	108.8	108.6	0.2	65-135	35		
Heptachlor	0.525	0.517	0.500	105.0	103.4	1.5	65-135	35		
4,4`-DDT	0.541	0.537	0.500	108.2	107.4	0.7	65-135	35		
gamma-BHC (Lindane)	0.552	0.551	0.500	110.4	110.2	0.2	65-135	35		
Surrogates(s)										
2,4,5,6-Tetrachloro-m-xylene	45.6	44.5	50	91.1	89.0		62-123	0		
Decachlorobiphenyl	48.7	48.7	50	97.3	97.3		56-136	0		

Organochlorine Pesticides Analysis

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Project: 869-4A
Milpitas Sewage (Mil. Sewage)

Received: 05/25/2004 17:53

Batch QC Report

Prep(s): 3550/8081 Test(s): 8081

Laboratory Control Spike **Soil** **QC Batch # 2004/05/27-02.13**

LCS 2004/05/27-02.13-002 Extracted: 05/27/2004 Analyzed: 05/28/2004 10:19
LCSD 2004/05/27-02.13-003 Extracted: 05/27/2004 Analyzed: 05/28/2004 10:44

Compound	Conc. ug/Kg		Exp.Conc.	Recovery %		RPD	Ctrl.Limits %		Flags	
	LCS	LCSD		LCS	LCSD	%	Rec.	RPD	LCS	LCSD
Aldrin	15.7	16.0	16.6	94.6	96.4	1.9	37-136	35		
Dieldrin	16.0	16.4	16.6	96.4	98.8	2.5	58-135	35		
Endrin	15.9	16.1	16.6	95.8	97.0	1.2	58-134	35		
Heptachlor	15.4	15.6	16.6	92.8	94.0	1.3	40-136	35		
4,4`-DDT	17.8	17.5	16.6	107.2	105.4	1.7	55-132	35		
gamma-BHC (Lindane)	16.0	16.2	16.6	96.4	97.6	1.2	37-137	35		
Surrogates(s)										
2,4,5,6-Tetrachloro-m-xylene	46.6	47.4	50	93.2	94.8		50-125	0		
Decachlorobiphenyl	50.1	50.5	50	100.1	101.1		46-142	0		

Organochlorine Pesticides Analysis

Lowney & Associates Mountain View
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Project: 869-4A
Milpitas Sewage (Mil. Sewage)

Received: 05/25/2004 17:53

Legend and Notes

Analysis Flag

lrn
Reporting limits raised due to high level of non-target analyte materials.

rl
Reporting limits raised due to reduced sample size.

sdo
Surrogate(s) diluted out

Result Flag

s
One surrogate recovery out of control, but second surrogate within QC limits confirms test performance.

PCBs

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Milpitas Sewage (Mil. Sewage)

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Samples Reported

Sample Name	Date Sampled	Matrix	Lab #
BLD-3A	05/21/2004	Water	1
BLD-3A	05/21/2004	Soil	2
BLD-3B	05/21/2004	Water	3
BLD-3B	05/21/2004	Soil	4
BLD-8A	05/21/2004	Water	5
BLD-8B	05/21/2004	Water	6
BLD-9A	05/21/2004	Water	7
BLD-8A	05/24/2004	Soil	8
BLD-8B	05/24/2004	Soil	9
BLD-9B	05/24/2004	Soil	11
BLD-9C	05/24/2004	Soil	13
BLD-10A	05/24/2004	Soil	15
BLD-10B	05/24/2004	Soil	17
BLD-9A	05/24/2004 14:58	Soil	18

PCBs

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Project: 869-4A
Milpitas Sewage (Mil. Sewage)

Received: 05/25/2004 17:53

Prep(s): 3510/8082 Test(s): 8082
Sample ID: **BLD-3A** Lab ID: 2004-05-0900 - 1
Sampled: 05/21/2004 Extracted: 5/27/2004 06:01
Matrix: Water QC Batch#: 2004/05/27-01.14
Analysis Flag: rl (See Legend and Note Section)

Compound	Conc.	RL	Unit	Dilution	Analyzed	Flag
Aroclor 1016	ND	0.60	ug/L	1.19	05/27/2004 13:25	
Aroclor 1221	ND	0.60	ug/L	1.19	05/27/2004 13:25	
Aroclor 1232	ND	0.60	ug/L	1.19	05/27/2004 13:25	
Aroclor 1242	ND	0.60	ug/L	1.19	05/27/2004 13:25	
Aroclor 1248	ND	0.60	ug/L	1.19	05/27/2004 13:25	
Aroclor 1254	ND	0.60	ug/L	1.19	05/27/2004 13:25	
Aroclor 1260	ND	0.60	ug/L	1.19	05/27/2004 13:25	
Surrogate(s)						
2,4,5,6-Tetrachloro-m-xylene	70.9	62-123	%	1.19	05/27/2004 13:25	
Decachlorobiphenyl (PCB/8082)	50.6	56-136	%	1.19	05/27/2004 13:25	s

PCBs

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Project: 869-4A
Milpitas Sewage (Mil. Sewage)

Received: 05/25/2004 17:53

Prep(s): 3550/8082 Test(s): 8082
Sample ID: **BLD-3A** Lab ID: 2004-05-0900 - 2
Sampled: 05/21/2004 Extracted: 5/27/2004 10:30
Matrix: Soil QC Batch#: 2004/05/27-02.14

Compound	Conc.	RL	Unit	Dilution	Analyzed	Flag
Aroclor 1016	ND	50	ug/Kg	1.00	05/28/2004 18:07	
Aroclor 1221	ND	50	ug/Kg	1.00	05/28/2004 18:07	
Aroclor 1232	ND	50	ug/Kg	1.00	05/28/2004 18:07	
Aroclor 1242	ND	50	ug/Kg	1.00	05/28/2004 18:07	
Aroclor 1248	ND	50	ug/Kg	1.00	05/28/2004 18:07	
Aroclor 1254	ND	50	ug/Kg	1.00	05/28/2004 18:07	
Aroclor 1260	220	50	ug/Kg	1.00	05/28/2004 18:07	
Surrogate(s)						
2,4,5,6-Tetrachloro-m-xylene	36.1	50-125	%	1.00	05/28/2004 18:07	s
Decachlorobiphenyl (PCB/8082)	53.7	46-142	%	1.00	05/28/2004 18:07	

PCBs

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Project: 869-4A
Milpitas Sewage (Mil. Sewage)

Received: 05/25/2004 17:53

Prep(s): 3510/8082 Test(s): 8082
Sample ID: **BLD-3B** Lab ID: 2004-05-0900 - 3
Sampled: 05/21/2004 Extracted: 5/27/2004 06:01
Matrix: Water QC Batch#: 2004/05/27-01.14
Analysis Flag: rl,sdo,lrn (See Legend and Note Section)

Compound	Conc.	RL	Unit	Dilution	Analyzed	Flag
Aroclor 1016	ND	6.3	ug/L	12.50	05/27/2004 15:02	
Aroclor 1221	ND	6.3	ug/L	12.50	05/27/2004 15:02	
Aroclor 1232	ND	6.3	ug/L	12.50	05/27/2004 15:02	
Aroclor 1242	ND	6.3	ug/L	12.50	05/27/2004 15:02	
Aroclor 1248	ND	6.3	ug/L	12.50	05/27/2004 15:02	
Aroclor 1254	ND	6.3	ug/L	12.50	05/27/2004 15:02	
Aroclor 1260	ND	6.3	ug/L	12.50	05/27/2004 15:02	
Surrogate(s)						
2,4,5,6-Tetrachloro-m-xylene	NA	62-123	%	12.50	05/27/2004 15:02	
Decachlorobiphenyl (PCB/8082)	NA	56-136	%	12.50	05/27/2004 15:02	

PCBs

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Project: 869-4A
Milpitas Sewage (Mil. Sewage)

Received: 05/25/2004 17:53

Prep(s): 3550/8082 Test(s): 8082
Sample ID: **BLD-3B** Lab ID: 2004-05-0900 - 4
Sampled: 05/21/2004 Extracted: 6/1/2004 12:22
Matrix: Soil QC Batch#: 2004/06/01-02.14

Compound	Conc.	RL	Unit	Dilution	Analyzed	Flag
Aroclor 1016	ND	50	ug/Kg	1.00	06/02/2004 12:25	
Aroclor 1221	ND	50	ug/Kg	1.00	06/02/2004 12:25	
Aroclor 1232	ND	50	ug/Kg	1.00	06/02/2004 12:25	
Aroclor 1242	ND	50	ug/Kg	1.00	06/02/2004 12:25	
Aroclor 1248	ND	50	ug/Kg	1.00	06/02/2004 12:25	
Aroclor 1254	ND	50	ug/Kg	1.00	06/02/2004 12:25	
Aroclor 1260	130	50	ug/Kg	1.00	06/02/2004 12:25	
Surrogate(s)						
2,4,5,6-Tetrachloro-m-xylene	65.6	50-125	%	1.00	06/02/2004 12:25	
Decachlorobiphenyl (PCB/8082)	66.2	46-142	%	1.00	06/02/2004 12:25	

PCBs

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Project: 869-4A
Milpitas Sewage (Mil. Sewage)

Received: 05/25/2004 17:53

Prep(s):	3510/8082	Test(s):	8082
Sample ID:	**BLD-8A**	Lab ID:	2004-05-0900 - 5
Sampled:	05/21/2004	Extracted:	5/27/2004 06:01
Matrix:	Water	QC Batch#:	2004/05/27-01.14

Compound	Conc.	RL	Unit	Dilution	Analyzed	Flag
Aroclor 1016	ND	0.50	ug/L	1.00	05/27/2004 14:04	
Aroclor 1221	ND	0.50	ug/L	1.00	05/27/2004 14:04	
Aroclor 1232	ND	0.50	ug/L	1.00	05/27/2004 14:04	
Aroclor 1242	ND	0.50	ug/L	1.00	05/27/2004 14:04	
Aroclor 1248	ND	0.50	ug/L	1.00	05/27/2004 14:04	
Aroclor 1254	ND	0.50	ug/L	1.00	05/27/2004 14:04	
Aroclor 1260	ND	0.50	ug/L	1.00	05/27/2004 14:04	
Surrogate(s)						
2,4,5,6-Tetrachloro-m-xylene	83.9	62-123	%	1.00	05/27/2004 14:04	
Decachlorobiphenyl (PCB/8082)	80.7	56-136	%	1.00	05/27/2004 14:04	

PCBs

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Project: 869-4A
Milpitas Sewage (Mil. Sewage)

Received: 05/25/2004 17:53

Prep(s):	3510/8082	Test(s):	8082
Sample ID:	**BLD-8B**	Lab ID:	2004-05-0900 - 6
Sampled:	05/21/2004	Extracted:	5/27/2004 06:01
Matrix:	Water	QC Batch#:	2004/05/27-01.14

Compound	Conc.	RL	Unit	Dilution	Analyzed	Flag
Aroclor 1016	ND	0.50	ug/L	1.00	05/27/2004 14:23	
Aroclor 1221	ND	0.50	ug/L	1.00	05/27/2004 14:23	
Aroclor 1232	ND	0.50	ug/L	1.00	05/27/2004 14:23	
Aroclor 1242	ND	0.50	ug/L	1.00	05/27/2004 14:23	
Aroclor 1248	ND	0.50	ug/L	1.00	05/27/2004 14:23	
Aroclor 1254	ND	0.50	ug/L	1.00	05/27/2004 14:23	
Aroclor 1260	ND	0.50	ug/L	1.00	05/27/2004 14:23	
Surrogate(s)						
2,4,5,6-Tetrachloro-m-xylene	78.7	62-123	%	1.00	05/27/2004 14:23	
Decachlorobiphenyl (PCB/8082)	64.8	56-136	%	1.00	05/27/2004 14:23	

PCBs

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Project: 869-4A
Milpitas Sewage (Mil. Sewage)

Received: 05/25/2004 17:53

Prep(s): 3510/8082 | Test(s): 8082
Sample ID: **BLD-9A** | Lab ID: 2004-05-0900 - 7
Sampled: 05/21/2004 | Extracted: 5/27/2004 06:01
Matrix: Water | QC Batch#: 2004/05/27-01.14
Analysis Flag: rl (See Legend and Note Section)

Compound	Conc.	RL	Unit	Dilution	Analyzed	Flag
Aroclor 1016	ND	0.63	ug/L	1.25	05/27/2004 14:43	
Aroclor 1221	ND	0.63	ug/L	1.25	05/27/2004 14:43	
Aroclor 1232	ND	0.63	ug/L	1.25	05/27/2004 14:43	
Aroclor 1242	ND	0.63	ug/L	1.25	05/27/2004 14:43	
Aroclor 1248	ND	0.63	ug/L	1.25	05/27/2004 14:43	
Aroclor 1254	ND	0.63	ug/L	1.25	05/27/2004 14:43	
Aroclor 1260	ND	0.63	ug/L	1.25	05/27/2004 14:43	
Surrogate(s)						
2,4,5,6-Tetrachloro-m-xylene	62.7	62-123	%	1.25	05/27/2004 14:43	
Decachlorobiphenyl (PCB/8082)	60.7	56-136	%	1.25	05/27/2004 14:43	

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Project: 869-4A
Milpitas Sewage (Mil. Sewage)

Received: 05/25/2004 17:53

Prep(s): 3550/8082 | Test(s): 8082
Sample ID: **BLD-8A** | Lab ID: 2004-05-0900 - 8
Sampled: 05/24/2004 | Extracted: 5/27/2004 10:30
Matrix: Soil | QC Batch#: 2004/05/27-02.14

Compound	Conc.	RL	Unit	Dilution	Analyzed	Flag
Aroclor 1016	ND	250	ug/Kg	5.00	06/01/2004 15:15	
Aroclor 1221	ND	250	ug/Kg	5.00	06/01/2004 15:15	
Aroclor 1232	ND	250	ug/Kg	5.00	06/01/2004 15:15	
Aroclor 1242	ND	250	ug/Kg	5.00	06/01/2004 15:15	
Aroclor 1248	ND	250	ug/Kg	5.00	06/01/2004 15:15	
Aroclor 1254	ND	250	ug/Kg	5.00	06/01/2004 15:15	
Aroclor 1260	370	250	ug/Kg	5.00	06/01/2004 15:15	
Surrogate(s)						
2,4,5,6-Tetrachloro-m-xylene	64.5	50-125	%	5.00	06/01/2004 15:15	
Decachlorobiphenyl (PCB/8082)	78.9	46-142	%	5.00	06/01/2004 15:15	

PCBs

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Project: 869-4A
Milpitas Sewage (Mil. Sewage)

Received: 05/25/2004 17:53

Prep(s):	3550/8082	Test(s):	8082
Sample ID:	**BLD-8B**	Lab ID:	2004-05-0900 - 9
Sampled:	05/24/2004	Extracted:	5/27/2004 10:30
Matrix:	Soil	QC Batch#:	2004/05/27-02.14

Compound	Conc.	RL	Unit	Dilution	Analyzed	Flag
Aroclor 1016	ND	50	ug/Kg	1.00	05/28/2004 19:06	
Aroclor 1221	ND	50	ug/Kg	1.00	05/28/2004 19:06	
Aroclor 1232	ND	50	ug/Kg	1.00	05/28/2004 19:06	
Aroclor 1242	ND	50	ug/Kg	1.00	05/28/2004 19:06	
Aroclor 1248	ND	50	ug/Kg	1.00	05/28/2004 19:06	
Aroclor 1254	ND	50	ug/Kg	1.00	05/28/2004 19:06	
Aroclor 1260	250	50	ug/Kg	1.00	05/28/2004 19:06	
Surrogate(s)						
2,4,5,6-Tetrachloro-m-xylene	49.4	50-125	%	1.00	05/28/2004 19:06	s
Decachlorobiphenyl (PCB/8082)	51.0	46-142	%	1.00	05/28/2004 19:06	

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Milpitas Sewage (Mil. Sewage)

Received: 05/25/2004 17:53

Prep(s):	3550/8082	Test(s):	8082
Sample ID:	**BLD-9B**	Lab ID:	2004-05-0900 - 11
Sampled:	05/24/2004	Extracted:	5/27/2004 10:30
Matrix:	Soil	QC Batch#:	2004/05/27-02.14

Compound	Conc.	RL	Unit	Dilution	Analyzed	Flag
Aroclor 1016	ND	250	ug/Kg	5.00	06/01/2004 15:35	
Aroclor 1221	ND	250	ug/Kg	5.00	06/01/2004 15:35	
Aroclor 1232	ND	250	ug/Kg	5.00	06/01/2004 15:35	
Aroclor 1242	ND	250	ug/Kg	5.00	06/01/2004 15:35	
Aroclor 1248	ND	250	ug/Kg	5.00	06/01/2004 15:35	
Aroclor 1254	880	250	ug/Kg	5.00	06/01/2004 15:35	
Aroclor 1260	590	250	ug/Kg	5.00	06/01/2004 15:35	
Surrogate(s)						
2,4,5,6-Tetrachloro-m-xylene	37.5	50-125	%	5.00	06/01/2004 15:35	s
Decachlorobiphenyl (PCB/8082)	66.3	46-142	%	5.00	06/01/2004 15:35	

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Project: 869-4A
Milpitas Sewage (Mil. Sewage)

Received: 05/25/2004 17:53

Prep(s): 3550/8082 | Test(s): 8082
Sample ID: **BLD-9C** | Lab ID: 2004-05-0900 - 13
Sampled: 05/24/2004 | Extracted: 6/1/2004 12:22
Matrix: Soil | QC Batch#: 2004/06/01-02.14

Compound	Conc.	RL	Unit	Dilution	Analyzed	Flag
Aroclor 1016	ND	50	ug/Kg	1.00	06/02/2004 11:26	
Aroclor 1221	ND	50	ug/Kg	1.00	06/02/2004 11:26	
Aroclor 1232	ND	50	ug/Kg	1.00	06/02/2004 11:26	
Aroclor 1242	ND	50	ug/Kg	1.00	06/02/2004 11:26	
Aroclor 1248	ND	50	ug/Kg	1.00	06/02/2004 11:26	
Aroclor 1254	120	50	ug/Kg	1.00	06/02/2004 11:26	
Aroclor 1260	66	50	ug/Kg	1.00	06/02/2004 11:26	
Surrogate(s)						
2,4,5,6-Tetrachloro-m-xylene	60.7	50-125	%	1.00	06/02/2004 11:26	
Decachlorobiphenyl (PCB/8082)	66.3	46-142	%	1.00	06/02/2004 11:26	

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Project: 869-4A
Milpitas Sewage (Mil. Sewage)

Received: 05/25/2004 17:53

Prep(s): 3550/8082 | Test(s): 8082
Sample ID: **BLD-10A** | Lab ID: 2004-05-0900 - 15
Sampled: 05/24/2004 | Extracted: 5/27/2004 10:30
Matrix: Soil | QC Batch#: 2004/05/27-02.14

Compound	Conc.	RL	Unit	Dilution	Analyzed	Flag
Aroclor 1016	ND	250	ug/Kg	5.00	06/02/2004 14:45	
Aroclor 1221	ND	250	ug/Kg	5.00	06/02/2004 14:45	
Aroclor 1232	ND	250	ug/Kg	5.00	06/02/2004 14:45	
Aroclor 1242	ND	250	ug/Kg	5.00	06/02/2004 14:45	
Aroclor 1248	ND	250	ug/Kg	5.00	06/02/2004 14:45	
Aroclor 1254	1100	250	ug/Kg	5.00	06/02/2004 14:45	
Aroclor 1260	590	250	ug/Kg	5.00	06/02/2004 14:45	
Surrogate(s)						
2,4,5,6-Tetrachloro-m-xylene	9.3	50-125	%	5.00	06/02/2004 14:45	s
Decachlorobiphenyl (PCB/8082)	100.0	46-142	%	5.00	06/02/2004 14:45	

PCBs

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Project: 869-4A
Milpitas Sewage (Mil. Sewage)

Received: 05/25/2004 17:53

Prep(s): 3550/8082 | Test(s): 8082
Sample ID: **BLD-10B** | Lab ID: 2004-05-0900 - 17
Sampled: 05/24/2004 | Extracted: 5/27/2004 10:30
Matrix: Soil | QC Batch#: 2004/05/27-02.14
Analysis Flag: sdo,lm (See Legend and Note Section)

Compound	Conc.	RL	Unit	Dilution	Analyzed	Flag
Aroclor 1016	ND	500	ug/Kg	10.00	06/01/2004 15:54	
Aroclor 1221	ND	500	ug/Kg	10.00	06/01/2004 15:54	
Aroclor 1232	ND	500	ug/Kg	10.00	06/01/2004 15:54	
Aroclor 1242	ND	500	ug/Kg	10.00	06/01/2004 15:54	
Aroclor 1248	ND	500	ug/Kg	10.00	06/01/2004 15:54	
Aroclor 1254	ND	500	ug/Kg	10.00	06/01/2004 15:54	
Aroclor 1260	ND	500	ug/Kg	10.00	06/01/2004 15:54	
Surrogate(s)						
2,4,5,6-Tetrachloro-m-xylene	NA	50-125	%	10.00	06/01/2004 15:54	
Decachlorobiphenyl (PCB/8082)	NA	46-142	%	10.00	06/01/2004 15:54	

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Project: 869-4A
Milpitas Sewage (Mil. Sewage)

Received: 05/25/2004 17:53

Prep(s): 3550/8082 | Test(s): 8082
Sample ID: **BLD-9A** | Lab ID: 2004-05-0900 - 18
Sampled: 05/24/2004 14:58 | Extracted: 5/27/2004 10:30
Matrix: Soil | QC Batch#: 2004/05/27-02.14

Compound	Conc.	RL	Unit	Dilution	Analyzed	Flag
Aroclor 1016	ND	50	ug/Kg	1.00	05/28/2004 20:44	
Aroclor 1221	ND	50	ug/Kg	1.00	05/28/2004 20:44	
Aroclor 1232	ND	50	ug/Kg	1.00	05/28/2004 20:44	
Aroclor 1242	ND	50	ug/Kg	1.00	05/28/2004 20:44	
Aroclor 1248	ND	50	ug/Kg	1.00	05/28/2004 20:44	
Aroclor 1254	ND	50	ug/Kg	1.00	05/28/2004 20:44	
Aroclor 1260	200	50	ug/Kg	1.00	05/28/2004 20:44	
Surrogate(s)						
2,4,5,6-Tetrachloro-m-xylene	64.7	50-125	%	1.00	05/28/2004 20:44	
Decachlorobiphenyl (PCB/8082)	79.9	46-142	%	1.00	05/28/2004 20:44	

PCBs

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Project: 869-4A
Milpitas Sewage (Mil. Sewage)

Received: 05/25/2004 17:53

Batch QC Report

Prep(s): 3510/8082 Test(s): 8082
Method Blank **Water** **QC Batch # 2004/05/27-01.14**
MB: 2004/05/27-01.14-001 Date Extracted: 05/27/2004 06:01

Compound	Conc.	RL	Unit	Analyzed	Flag
Aroclor 1016	ND	0.5	ug/L	05/27/2004 12:06	
Aroclor 1221	ND	0.5	ug/L	05/27/2004 12:06	
Aroclor 1232	ND	0.5	ug/L	05/27/2004 12:06	
Aroclor 1242	ND	0.5	ug/L	05/27/2004 12:06	
Aroclor 1248	ND	0.5	ug/L	05/27/2004 12:06	
Aroclor 1254	ND	0.5	ug/L	05/27/2004 12:06	
Aroclor 1260	ND	0.5	ug/L	05/27/2004 12:06	
Surrogates(s)					
2,4,5,6-Tetrachloro-m-xylene	77.5	62-123	%	05/27/2004 12:06	
Decachlorobiphenyl (PCB/8082)	80.5	56-136	%	05/27/2004 12:06	

PCBs

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Project: 869-4A
Milpitas Sewage (Mil. Sewage)

Received: 05/25/2004 17:53

Batch QC Report

Prep(s): 3550/8082 Test(s): 8082
Method Blank **Soil** **QC Batch # 2004/05/27-02.14**
MB: 2004/05/27-02.14-001 Date Extracted: 05/27/2004 10:30

Compound	Conc.	RL	Unit	Analyzed	Flag
Aroclor 1016	ND	50	ug/Kg	05/28/2004 09:09	
Aroclor 1221	ND	50	ug/Kg	05/28/2004 09:09	
Aroclor 1232	ND	50	ug/Kg	05/28/2004 09:09	
Aroclor 1242	ND	50	ug/Kg	05/28/2004 09:09	
Aroclor 1248	ND	50	ug/Kg	05/28/2004 09:09	
Aroclor 1254	ND	50	ug/Kg	05/28/2004 09:09	
Aroclor 1260	ND	50	ug/Kg	05/28/2004 09:09	
Surrogates(s)					
2,4,5,6-Tetrachloro-m-xylene	84.7	50-125	%	05/28/2004 09:09	
Decachlorobiphenyl (PCB/8082)	91.3	46-142	%	05/28/2004 09:09	

PCBs

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Project: 869-4A
Milpitas Sewage (Mil. Sewage)

Received: 05/25/2004 17:53

Batch QC Report

Prep(s): 3550/8082 Test(s): 8082

Method Blank **Soil** **QC Batch # 2004/06/01-02.14**

MB: 2004/06/01-02.14-001 Date Extracted: 06/01/2004 12:22

Compound	Conc.	RL	Unit	Analyzed	Flag
Aroclor 1016	ND	50	ug/Kg	06/02/2004 10:08	
Aroclor 1221	ND	50	ug/Kg	06/02/2004 10:08	
Aroclor 1232	ND	50	ug/Kg	06/02/2004 10:08	
Aroclor 1242	ND	50	ug/Kg	06/02/2004 10:08	
Aroclor 1248	ND	50	ug/Kg	06/02/2004 10:08	
Aroclor 1254	ND	50	ug/Kg	06/02/2004 10:08	
Aroclor 1260	ND	50	ug/Kg	06/02/2004 10:08	
Surrogates(s)					
2,4,5,6-Tetrachloro-m-xylene	85.9	50-125	%	06/02/2004 10:08	
Decachlorobiphenyl (PCB/8082)	92.9	46-142	%	06/02/2004 10:08	

PCBs

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Project: 869-4A
Milpitas Sewage (Mil. Sewage)

Received: 05/25/2004 17:53

Batch QC Report

Prep(s): 3510/8082 Test(s): 8082

Laboratory Control Spike **Water** **QC Batch # 2004/05/27-01.14**

LCS 2004/05/27-01.14-002 Extracted: 05/27/2004 Analyzed: 05/27/2004 12:26

LCSD 2004/05/27-01.14-003 Extracted: 05/27/2004 Analyzed: 05/27/2004 12:45

Compound	Conc. ug/L		Exp.Conc.	Recovery %		RPD	Ctrl.Limits %		Flags	
	LCS	LCSD		LCS	LCSD	%	Rec.	RPD	LCS	LCSD
Aroclor 1016	1.72	1.86	2.00	86.0	93.0	7.8	65-135	30		
Aroclor 1260	1.71	1.83	2.00	85.5	91.5	6.8	65-135	30		
Surrogates(s)										
2,4,5,6-Tetrachloro-m-xylene	42.3	45.9	50	84.6	91.8		62-123	0		
Decachlorobiphenyl	38.7	38.4	50	77.3	76.8		56-136	0		

PCBs

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Project: 869-4A
Milpitas Sewage (Mil. Sewage)

Received: 05/25/2004 17:53

Batch QC Report

Prep(s): 3550/8082

Test(s): 8082

Laboratory Control Spike **Soil** **QC Batch # 2004/05/27-02.14**

LCS 2004/05/27-02.14-002 Extracted: 05/27/2004 Analyzed: 05/28/2004 09:29
LCSD 2004/05/27-02.14-003 Extracted: 05/27/2004 Analyzed: 05/28/2004 09:48

Compound	Conc. ug/Kg		Exp.Conc.	Recovery %		RPD	Ctrl.Limits %		Flags	
	LCS	LCSD		LCS	LCSD	%	Rec.	RPD	LCS	LCSD
Aroclor 1016	58.8	57.1	66.0	89.1	85.9	3.7	65-135	30		
Aroclor 1260	62.6	61.9	66.0	94.8	93.1	1.8	65-135	30		
Surrogates(s)										
2,4,5,6-Tetrachloro-m-xylene	45.8	44.7	50	91.7	89.3		50-125	0		
Decachlorobiphenyl	48.4	46.3	50	96.8	92.6		46-142	0		

PCBs

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Project: 869-4A
Milpitas Sewage (Mil. Sewage)

Received: 05/25/2004 17:53

Batch QC Report

Prep(s): 3550/8082

Test(s): 8082

Laboratory Control Spike **Soil** **QC Batch # 2004/06/01-02.14**

LCS 2004/06/01-02.14-002 Extracted: 06/01/2004 Analyzed: 06/02/2004 10:28
LCSD 2004/06/01-02.14-003 Extracted: 06/01/2004 Analyzed: 06/02/2004 10:47

Compound	Conc. ug/Kg		Exp.Conc.	Recovery %		RPD	Ctrl.Limits %		Flags	
	LCS	LCSD		LCS	LCSD	%	Rec.	RPD	LCS	LCSD
Aroclor 1016	53.8	57.8	66.5	80.9	87.0	7.3	65-135	30		
Aroclor 1260	60.8	63.9	66.5	91.4	96.2	5.1	65-135	30		
Surrogates(s)										
2,4,5,6-Tetrachloro-m-xylene	42.7	45.6	50	85.4	91.3		50-125	0		
Decachlorobiphenyl	46.5	48.9	50	93.1	97.7		46-142	0		

PCBs

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Project: 869-4A
Milpitas Sewage (Mil. Sewage)

Received: 05/25/2004 17:53

Batch QC Report

Prep(s): 3550/8082 Test(s): 8082

Matrix Spike (MS / MSD) **Soil** **QC Batch # 2004/06/01-02.14**

BLD-9C >> MS Lab ID: 2004-05-0900 - 013

MS: 2004/06/01-02.14-004 Extracted: 06/01/2004 Analyzed: 06/02/2004 11:46
Dilution: 1.00

MSD: 2004/06/01-02.14-005 Extracted: 06/01/2004 Analyzed: 06/02/2004 12:05
Dilution: 1.00

Compound	Conc. ug/Kg			Spk.Level	Recovery %			Limits %		Flags	
	MS	MSD	Sample	ug/Kg	MS	MSD	RPD	Rec.	RPD	MS	MSD
Aroclor 1016	59.9	59.3	ND	66.3	90.3	89.6	0.8	65-135	30		
Aroclor 1260	136	101	66.0	66.3	105.6	52.9	66.5	65-135	30		mso
Surrogate(s)											
2,4,5,6-Tetrachloro-m-xylen	37.7	38.4		50	75.4	76.8		50-125	0		
Decachlorobiphenyl	40.2	38.7		50	80.4	77.3		46-142	0		

PCBs

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Project: 869-4A
Milpitas Sewage (Mil. Sewage)

Received: 05/25/2004 17:53

Legend and Notes

Analysis Flag

lrn
Reporting limits raised due to high level of non-target analyte materials.

rl
Reporting limits raised due to reduced sample size.

sdo
Surrogate(s) diluted out

Result Flag

mso
MS/MSD spike recoveries were out of QC limits due to matrix interference.
Precision and Accuracy were verified by LCS/LCSD.

s
One surrogate recovery out of control, but second surrogate within
QC limits confirms test performance.

Semi-volatile analysis by GC/MS - EPA8270C

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Project: 869-4A
Milpitas Sewage (Mil. Sewage)

Received: 05/25/2004 17:53

Samples Reported

Sample Name	Date Sampled	Matrix	Lab #
BLD-3A	05/21/2004	Water	1
BLD-3A	05/21/2004	Soil	2
BLD-3B	05/21/2004	Water	3
BLD-3B	05/21/2004	Soil	4
BLD-8A	05/21/2004	Water	5
BLD-8B	05/21/2004	Water	6
BLD-9A	05/21/2004	Water	7
BLD-8A	05/24/2004	Soil	8
BLD-8B	05/24/2004	Soil	9
BLD-9B	05/24/2004	Water	10
BLD-9B	05/24/2004	Soil	11
BLD-9C	05/24/2004	Water	12
BLD-9C	05/24/2004	Soil	13
BLD-10A	05/24/2004	Water	14
BLD-10A	05/24/2004	Soil	15
BLD-10B	05/24/2004	Water	16
BLD-10B	05/24/2004	Soil	17
BLD-9A	05/24/2004 14:58	Soil	18

SEVERN TRENT STL

Submission #: 2004-05-0900

Semi-volatile analysis by GC/MS - EPA8270C

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Project: 869-4A
Milpitas Sewage (Mil. Sewage)

Received: 05/25/2004 17:53

Prep(s):	3510C/8270C	Test(s):	8270C
Sample ID:	**BLD-3A**	Lab ID:	2004-05-0900 - 1
Sampled:	05/21/2004	Extracted:	5/28/2004 12:07
Matrix:	Water	QC Batch#:	2004/05/28-04.11

Analysis Flag: HT,rl,lrn (See Legend and Note Section)

Compound	Conc.	RL	Unit	Dilution	Analyzed	Flag
Phenol	ND	6.3	ug/L	3.17	06/02/2004 16:31	
Bis(2-chloroethyl)ether	ND	6.3	ug/L	3.17	06/02/2004 16:31	
2-Chlorophenol	ND	6.3	ug/L	3.17	06/02/2004 16:31	
1,3-Dichlorobenzene	ND	6.3	ug/L	3.17	06/02/2004 16:31	
1,4-Dichlorobenzene	ND	6.3	ug/L	3.17	06/02/2004 16:31	
Benzyl alcohol	ND	16	ug/L	3.17	06/02/2004 16:31	
1,2-Dichlorobenzene	ND	6.3	ug/L	3.17	06/02/2004 16:31	
2-Methylphenol	ND	6.3	ug/L	3.17	06/02/2004 16:31	
Bis(2-chloroisopropyl) ether	ND	6.3	ug/L	3.17	06/02/2004 16:31	
4-Methylphenol	ND	6.3	ug/L	3.17	06/02/2004 16:31	
N-Nitroso-di-n-propylamine	ND	6.3	ug/L	3.17	06/02/2004 16:31	
Hexachloroethane	ND	6.3	ug/L	3.17	06/02/2004 16:31	
Nitrobenzene	ND	6.3	ug/L	3.17	06/02/2004 16:31	
Isophorone	ND	6.3	ug/L	3.17	06/02/2004 16:31	
2-Nitrophenol	ND	6.3	ug/L	3.17	06/02/2004 16:31	
2,4-Dimethylphenol	ND	6.3	ug/L	3.17	06/02/2004 16:31	
Bis(2-chloroethoxy) methane	ND	16	ug/L	3.17	06/02/2004 16:31	
2,4-Dichlorophenol	ND	6.3	ug/L	3.17	06/02/2004 16:31	
1,2,4-Trichlorobenzene	ND	6.3	ug/L	3.17	06/02/2004 16:31	
Naphthalene	ND	6.3	ug/L	3.17	06/02/2004 16:31	
4-Chloroaniline	ND	6.3	ug/L	3.17	06/02/2004 16:31	
Hexachlorobutadiene	ND	6.3	ug/L	3.17	06/02/2004 16:31	
4-Chloro-3-methylphenol	ND	16	ug/L	3.17	06/02/2004 16:31	
2-Methylnaphthalene	ND	6.3	ug/L	3.17	06/02/2004 16:31	
Hexachlorocyclopentadiene	ND	16	ug/L	3.17	06/02/2004 16:31	
2,4,6-Trichlorophenol	ND	6.3	ug/L	3.17	06/02/2004 16:31	
2,4,5-Trichlorophenol	ND	6.3	ug/L	3.17	06/02/2004 16:31	
2-Chloronaphthalene	ND	6.3	ug/L	3.17	06/02/2004 16:31	
2-Nitroaniline	ND	32	ug/L	3.17	06/02/2004 16:31	

Semi-volatile analysis by GC/MS - EPA8270C

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Project: 869-4A
Milpitas Sewage (Mil. Sewage)

Received: 05/25/2004 17:53

Prep(s): 3510C/8270C
Test(s): 8270C
Sample ID: **BLD-3A**
Lab ID: 2004-05-0900 - 1
Sampled: 05/21/2004
Extracted: 5/28/2004 12:07
Matrix: Water
QC Batch#: 2004/05/28-04.11
Analysis Flag: HT,rl,lrn (See Legend and Note Section)

Compound	Conc.	RL	Unit	Dilution	Analyzed	Flag
Dimethyl phthalate	ND	16	ug/L	3.17	06/02/2004 16:31	
Acenaphthylene	ND	6.3	ug/L	3.17	06/02/2004 16:31	
3-Nitroaniline	ND	6.3	ug/L	3.17	06/02/2004 16:31	
Acenaphthene	ND	6.3	ug/L	3.17	06/02/2004 16:31	
2,4-Dinitrophenol	ND	32	ug/L	3.17	06/02/2004 16:31	
4-Nitrophenol	ND	32	ug/L	3.17	06/02/2004 16:31	
Dibenzofuran	ND	6.3	ug/L	3.17	06/02/2004 16:31	
2,4-Dinitrotoluene	ND	6.3	ug/L	3.17	06/02/2004 16:31	
2,6-Dinitrotoluene	ND	16	ug/L	3.17	06/02/2004 16:31	
Diethyl phthalate	ND	16	ug/L	3.17	06/02/2004 16:31	
4-Chlorophenyl phenyl ether	ND	16	ug/L	3.17	06/02/2004 16:31	
Fluorene	ND	6.3	ug/L	3.17	06/02/2004 16:31	
4-Nitroaniline	ND	32	ug/L	3.17	06/02/2004 16:31	
2-Methyl-4,6-dinitrophenol	ND	32	ug/L	3.17	06/02/2004 16:31	
N-Nitrosodiphenylamine	ND	6.3	ug/L	3.17	06/02/2004 16:31	
4-Bromophenyl phenyl ether	ND	16	ug/L	3.17	06/02/2004 16:31	
Hexachlorobenzene	ND	6.3	ug/L	3.17	06/02/2004 16:31	
Pentachlorophenol	ND	32	ug/L	3.17	06/02/2004 16:31	
Phenanthrene	ND	6.3	ug/L	3.17	06/02/2004 16:31	
Anthracene	ND	6.3	ug/L	3.17	06/02/2004 16:31	
Di-n-butyl phthalate	ND	16	ug/L	3.17	06/02/2004 16:31	
Fluoranthene	ND	6.3	ug/L	3.17	06/02/2004 16:31	
Pyrene	ND	6.3	ug/L	3.17	06/02/2004 16:31	
Butyl benzyl phthalate	ND	16	ug/L	3.17	06/02/2004 16:31	
3,3-Dichlorobenzidine	ND	16	ug/L	3.17	06/02/2004 16:31	
Benzo(a)anthracene	ND	6.3	ug/L	3.17	06/02/2004 16:31	
bis(2-Ethylhexyl) phthalate	ND	32	ug/L	3.17	06/02/2004 16:31	
Chrysene	ND	6.3	ug/L	3.17	06/02/2004 16:31	
Di-n-octyl phthalate	ND	16	ug/L	3.17	06/02/2004 16:31	

Semi-volatile analysis by GC/MS - EPA8270C

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Project: 869-4A
Milpitas Sewage (Mil. Sewage)

Received: 05/25/2004 17:53

Prep(s): 3510C/8270C
Test(s): 8270C
Sample ID: **BLD-3A**
Lab ID: 2004-05-0900 - 1
Sampled: 05/21/2004
Extracted: 5/28/2004 12:07
Matrix: Water
QC Batch#: 2004/05/28-04.11
Analysis Flag: HT,rl,lrn (See Legend and Note Section)

Compound	Conc.	RL	Unit	Dilution	Analyzed	Flag
Benzo(b)fluoranthene	ND	6.3	ug/L	3.17	06/02/2004 16:31	
Benzo(k)fluoranthene	ND	6.3	ug/L	3.17	06/02/2004 16:31	
Benzo(a)pyrene	ND	6.3	ug/L	3.17	06/02/2004 16:31	
Indeno(1,2,3-c,d)pyrene	ND	6.3	ug/L	3.17	06/02/2004 16:31	
Dibenzo(a,h)anthracene	ND	6.3	ug/L	3.17	06/02/2004 16:31	
Benzo(g,h,i)perylene	ND	6.3	ug/L	3.17	06/02/2004 16:31	
Benzoic acid	ND	32	ug/L	3.17	06/02/2004 16:31	
Surrogate(s)						
Nitrobenzene-d5	42.9	35-114	%	3.17	06/02/2004 16:31	
2-Fluorobiphenyl	38.6	43-116	%	3.17	06/02/2004 16:31	sl
p-Terphenyl-d14	77.7	33-141	%	3.17	06/02/2004 16:31	
2-Fluorophenol	46.4	25-100	%	3.17	06/02/2004 16:31	
Phenol-d5	40.3	10-110	%	3.17	06/02/2004 16:31	
2,4,6-Tribromophenol	68.9	10-123	%	3.17	06/02/2004 16:31	

Semi-volatile analysis by GC/MS - EPA8270C

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Project: 869-4A
Milpitas Sewage (Mil. Sewage)

Received: 05/25/2004 17:53

Prep(s): 3550B/8270C
Sample ID: **BLD-3A**
Sampled: 05/21/2004
Matrix: Soil

Test(s): 8270C
Lab ID: 2004-05-0900 - 2
Extracted: 5/28/2004 08:03
QC Batch#: 2004/05/28-01.11

Compound	Conc.	RL	Unit	Dilution	Analyzed	Flag
Phenol	ND	0.34	mg/Kg	5.00	05/30/2004 01:47	
Bis(2-chloroethyl)ether	ND	0.34	mg/Kg	5.00	05/30/2004 01:47	
2-Chlorophenol	ND	0.34	mg/Kg	5.00	05/30/2004 01:47	
1,3-Dichlorobenzene	ND	0.34	mg/Kg	5.00	05/30/2004 01:47	
1,4-Dichlorobenzene	ND	0.34	mg/Kg	5.00	05/30/2004 01:47	
Benzyl alcohol	ND	0.85	mg/Kg	5.00	05/30/2004 01:47	
1,2-Dichlorobenzene	ND	0.34	mg/Kg	5.00	05/30/2004 01:47	
2-Methylphenol	ND	0.34	mg/Kg	5.00	05/30/2004 01:47	
Bis(2-chloroisopropyl) ether	ND	0.34	mg/Kg	5.00	05/30/2004 01:47	
4-Methylphenol	ND	0.34	mg/Kg	5.00	05/30/2004 01:47	
N-Nitroso-di-n-propylamine	ND	0.34	mg/Kg	5.00	05/30/2004 01:47	
Hexachloroethane	ND	0.34	mg/Kg	5.00	05/30/2004 01:47	
Nitrobenzene	ND	0.34	mg/Kg	5.00	05/30/2004 01:47	
Isophorone	ND	0.34	mg/Kg	5.00	05/30/2004 01:47	
2-Nitrophenol	ND	0.34	mg/Kg	5.00	05/30/2004 01:47	
2,4-Dimethylphenol	ND	0.34	mg/Kg	5.00	05/30/2004 01:47	
Bis(2-chloroethoxy) methane	ND	0.85	mg/Kg	5.00	05/30/2004 01:47	
2,4-Dichlorophenol	ND	0.34	mg/Kg	5.00	05/30/2004 01:47	
1,2,4-Trichlorobenzene	ND	0.34	mg/Kg	5.00	05/30/2004 01:47	
Naphthalene	ND	0.34	mg/Kg	5.00	05/30/2004 01:47	
4-Chloroaniline	ND	1.7	mg/Kg	5.00	05/30/2004 01:47	
Hexachlorobutadiene	ND	0.34	mg/Kg	5.00	05/30/2004 01:47	
4-Chloro-3-methylphenol	ND	0.85	mg/Kg	5.00	05/30/2004 01:47	
2-Methylnaphthalene	ND	0.34	mg/Kg	5.00	05/30/2004 01:47	
Hexachlorocyclopentadiene	ND	0.85	mg/Kg	5.00	05/30/2004 01:47	
2,4,6-Trichlorophenol	ND	0.34	mg/Kg	5.00	05/30/2004 01:47	
2,4,5-Trichlorophenol	ND	0.34	mg/Kg	5.00	05/30/2004 01:47	
2-Chloronaphthalene	ND	0.34	mg/Kg	5.00	05/30/2004 01:47	
2-Nitroaniline	ND	1.7	mg/Kg	5.00	05/30/2004 01:47	
Dimethyl phthalate	ND	0.85	mg/Kg	5.00	05/30/2004 01:47	

SEVERN TRENT STL

Submission #: 2004-05-0900

Semi-volatile analysis by GC/MS - EPA8270C

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Project: 869-4A
Milpitas Sewage (Mil. Sewage)

Received: 05/25/2004 17:53

Prep(s): 3550B/8270C
Sample ID: **BLD-3A**
Sampled: 05/21/2004
Matrix: Soil

Test(s): 8270C
Lab ID: 2004-05-0900 - 2
Extracted: 5/28/2004 08:03
QC Batch#: 2004/05/28-01.11

Compound	Conc.	RL	Unit	Dilution	Analyzed	Flag
Acenaphthylene	ND	0.34	mg/Kg	5.00	05/30/2004 01:47	
3-Nitroaniline	ND	0.34	mg/Kg	5.00	05/30/2004 01:47	
Acenaphthene	ND	0.34	mg/Kg	5.00	05/30/2004 01:47	
2,4-Dinitrophenol	ND	1.7	mg/Kg	5.00	05/30/2004 01:47	
4-Nitrophenol	ND	1.7	mg/Kg	5.00	05/30/2004 01:47	
Dibenzofuran	ND	0.34	mg/Kg	5.00	05/30/2004 01:47	
2,4-Dinitrotoluene	ND	0.34	mg/Kg	5.00	05/30/2004 01:47	
2,6-Dinitrotoluene	ND	0.34	mg/Kg	5.00	05/30/2004 01:47	
Diethyl phthalate	ND	0.85	mg/Kg	5.00	05/30/2004 01:47	
4-Chlorophenyl phenyl ether	ND	0.85	mg/Kg	5.00	05/30/2004 01:47	
Fluorene	ND	0.34	mg/Kg	5.00	05/30/2004 01:47	
4-Nitroaniline	ND	1.7	mg/Kg	5.00	05/30/2004 01:47	
2-Methyl-4,6-dinitrophenol	ND	1.7	mg/Kg	5.00	05/30/2004 01:47	
N-Nitrosodiphenylamine	ND	0.34	mg/Kg	5.00	05/30/2004 01:47	
4-Bromophenyl phenyl ether	ND	0.85	mg/Kg	5.00	05/30/2004 01:47	
Hexachlorobenzene	ND	0.34	mg/Kg	5.00	05/30/2004 01:47	
Pentachlorophenol	ND	1.7	mg/Kg	5.00	05/30/2004 01:47	
Phenanthrene	ND	0.34	mg/Kg	5.00	05/30/2004 01:47	
Anthracene	ND	0.34	mg/Kg	5.00	05/30/2004 01:47	
Di-n-butyl phthalate	ND	0.85	mg/Kg	5.00	05/30/2004 01:47	
Fluoranthene	ND	0.34	mg/Kg	5.00	05/30/2004 01:47	
Pyrene	ND	0.34	mg/Kg	5.00	05/30/2004 01:47	
Butyl benzyl phthalate	ND	0.85	mg/Kg	5.00	05/30/2004 01:47	
3,3-Dichlorobenzidine	ND	0.85	mg/Kg	5.00	05/30/2004 01:47	
Benzo(a)anthracene	ND	0.34	mg/Kg	5.00	05/30/2004 01:47	
bis(2-Ethylhexyl) phthalate	2.2	1.7	mg/Kg	5.00	05/30/2004 01:47	
Chrysene	ND	0.34	mg/Kg	5.00	05/30/2004 01:47	
Di-n-octyl phthalate	ND	0.85	mg/Kg	5.00	05/30/2004 01:47	
Benzo(b)fluoranthene	ND	0.34	mg/Kg	5.00	05/30/2004 01:47	
Benzo(k)fluoranthene	ND	0.34	mg/Kg	5.00	05/30/2004 01:47	

Semi-volatile analysis by GC/MS - EPA8270C

Lowney & Associates Mountain View
Attn.: Stason Foster

405 Clyde Ave
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Phone: (650) 967-2365 Fax: (650) 967-2785

Project: 869-4A
Milpitas Sewage (Mil. Sewage)

Received: 05/25/2004 17:53

Prep(s): 3550B/8270C
Test(s): 8270C
Sample ID: **BLD-3A**
Lab ID: 2004-05-0900 - 2
Sampled: 05/21/2004
Extracted: 5/28/2004 08:03
Matrix: Soil
QC Batch#: 2004/05/28-01.11

Compound	Conc.	RL	Unit	Dilution	Analyzed	Flag
Benzo(a)pyrene	ND	0.34	mg/Kg	5.00	05/30/2004 01:47	
Indeno(1,2,3-c,d)pyrene	ND	0.34	mg/Kg	5.00	05/30/2004 01:47	
Dibenzo(a,h)anthracene	ND	0.34	mg/Kg	5.00	05/30/2004 01:47	
Benzo(g,h,i)perylene	ND	0.34	mg/Kg	5.00	05/30/2004 01:47	
Benzoic acid	ND	1.7	mg/Kg	5.00	05/30/2004 01:47	
Surrogate(s)						
Nitrobenzene-d5	39.8	23-120	%	5.00	05/30/2004 01:47	
2-Fluorobiphenyl	30.0	30-115	%	5.00	05/30/2004 01:47	
p-Terphenyl-d14	84.8	18-137	%	5.00	05/30/2004 01:47	
2-Fluorophenol	57.3	25-121	%	5.00	05/30/2004 01:47	
Phenol-d5	52.9	24-113	%	5.00	05/30/2004 01:47	
2,4,6-Tribromophenol	66.4	19-122	%	5.00	05/30/2004 01:47	

Semi-volatile analysis by GC/MS - EPA8270C

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Project: 869-4A
Milpitas Sewage (Mil. Sewage)

Received: 05/25/2004 17:53

Prep(s): 3510C/8270C
Test(s): 8270C
Sample ID: **BLD-3B**
Lab ID: 2004-05-0900 - 3
Sampled: 05/21/2004
Extracted: 5/28/2004 12:07
Matrix: Water
QC Batch#: 2004/05/28-04.11
Analysis Flag: rl,lrn,HT (See Legend and Note Section)

Compound	Conc.	RL	Unit	Dilution	Analyzed	Flag
Phenol	ND	17	ug/L	8.62	06/02/2004 17:00	
Bis(2-chloroethyl)ether	ND	17	ug/L	8.62	06/02/2004 17:00	
2-Chlorophenol	ND	17	ug/L	8.62	06/02/2004 17:00	
1,3-Dichlorobenzene	ND	17	ug/L	8.62	06/02/2004 17:00	
1,4-Dichlorobenzene	ND	17	ug/L	8.62	06/02/2004 17:00	
Benzyl alcohol	ND	43	ug/L	8.62	06/02/2004 17:00	
1,2-Dichlorobenzene	ND	17	ug/L	8.62	06/02/2004 17:00	
2-Methylphenol	ND	17	ug/L	8.62	06/02/2004 17:00	
Bis(2-chloroisopropyl) ether	ND	17	ug/L	8.62	06/02/2004 17:00	
4-Methylphenol	ND	17	ug/L	8.62	06/02/2004 17:00	
N-Nitroso-di-n-propylamine	ND	17	ug/L	8.62	06/02/2004 17:00	
Hexachloroethane	ND	17	ug/L	8.62	06/02/2004 17:00	
Nitrobenzene	ND	17	ug/L	8.62	06/02/2004 17:00	
Isophorone	ND	17	ug/L	8.62	06/02/2004 17:00	
2-Nitrophenol	ND	17	ug/L	8.62	06/02/2004 17:00	
2,4-Dimethylphenol	ND	17	ug/L	8.62	06/02/2004 17:00	
Bis(2-chloroethoxy) methane	ND	43	ug/L	8.62	06/02/2004 17:00	
2,4-Dichlorophenol	ND	17	ug/L	8.62	06/02/2004 17:00	
1,2,4-Trichlorobenzene	ND	17	ug/L	8.62	06/02/2004 17:00	
Naphthalene	ND	17	ug/L	8.62	06/02/2004 17:00	
4-Chloroaniline	ND	17	ug/L	8.62	06/02/2004 17:00	
Hexachlorobutadiene	ND	17	ug/L	8.62	06/02/2004 17:00	
4-Chloro-3-methylphenol	ND	43	ug/L	8.62	06/02/2004 17:00	
2-Methylnaphthalene	ND	17	ug/L	8.62	06/02/2004 17:00	
Hexachlorocyclopentadiene	ND	43	ug/L	8.62	06/02/2004 17:00	
2,4,6-Trichlorophenol	ND	17	ug/L	8.62	06/02/2004 17:00	
2,4,5-Trichlorophenol	ND	17	ug/L	8.62	06/02/2004 17:00	
2-Chloronaphthalene	ND	17	ug/L	8.62	06/02/2004 17:00	
2-Nitroaniline	ND	86	ug/L	8.62	06/02/2004 17:00	

Semi-volatile analysis by GC/MS - EPA8270C

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Project: 869-4A
Milpitas Sewage (Mil. Sewage)

Received: 05/25/2004 17:53

Prep(s):	3510C/8270C	Test(s):	8270C
Sample ID:	**BLD-3B**	Lab ID:	2004-05-0900 - 3
Sampled:	05/21/2004	Extracted:	5/28/2004 12:07
Matrix:	Water	QC Batch#:	2004/05/28-04.11

Analysis Flag: rl,lrn,HT (See Legend and Note Section)

Compound	Conc.	RL	Unit	Dilution	Analyzed	Flag
Dimethyl phthalate	ND	43	ug/L	8.62	06/02/2004 17:00	
Acenaphthylene	ND	17	ug/L	8.62	06/02/2004 17:00	
3-Nitroaniline	ND	17	ug/L	8.62	06/02/2004 17:00	
Acenaphthene	ND	17	ug/L	8.62	06/02/2004 17:00	
2,4-Dinitrophenol	ND	86	ug/L	8.62	06/02/2004 17:00	
4-Nitrophenol	ND	86	ug/L	8.62	06/02/2004 17:00	
Dibenzofuran	ND	17	ug/L	8.62	06/02/2004 17:00	
2,4-Dinitrotoluene	ND	17	ug/L	8.62	06/02/2004 17:00	
2,6-Dinitrotoluene	ND	43	ug/L	8.62	06/02/2004 17:00	
Diethyl phthalate	ND	43	ug/L	8.62	06/02/2004 17:00	
4-Chlorophenyl phenyl ether	ND	43	ug/L	8.62	06/02/2004 17:00	
Fluorene	ND	17	ug/L	8.62	06/02/2004 17:00	
4-Nitroaniline	ND	86	ug/L	8.62	06/02/2004 17:00	
2-Methyl-4,6-dinitrophenol	ND	86	ug/L	8.62	06/02/2004 17:00	
N-Nitrosodiphenylamine	ND	17	ug/L	8.62	06/02/2004 17:00	
4-Bromophenyl phenyl ether	ND	43	ug/L	8.62	06/02/2004 17:00	
Hexachlorobenzene	ND	17	ug/L	8.62	06/02/2004 17:00	
Pentachlorophenol	ND	86	ug/L	8.62	06/02/2004 17:00	
Phenanthrene	ND	17	ug/L	8.62	06/02/2004 17:00	
Anthracene	ND	17	ug/L	8.62	06/02/2004 17:00	
Di-n-butyl phthalate	ND	43	ug/L	8.62	06/02/2004 17:00	
Fluoranthene	ND	17	ug/L	8.62	06/02/2004 17:00	
Pyrene	ND	17	ug/L	8.62	06/02/2004 17:00	
Butyl benzyl phthalate	ND	43	ug/L	8.62	06/02/2004 17:00	
3,3-Dichlorobenzidine	ND	43	ug/L	8.62	06/02/2004 17:00	
Benzo(a)anthracene	ND	17	ug/L	8.62	06/02/2004 17:00	
bis(2-Ethylhexyl) phthalate	ND	86	ug/L	8.62	06/02/2004 17:00	
Chrysene	ND	17	ug/L	8.62	06/02/2004 17:00	
Di-n-octyl phthalate	ND	43	ug/L	8.62	06/02/2004 17:00	

Semi-volatile analysis by GC/MS - EPA8270C

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Project: 869-4A
Milpitas Sewage (Mil. Sewage)

Received: 05/25/2004 17:53

Prep(s):	3510C/8270C	Test(s):	8270C
Sample ID:	**BLD-3B**	Lab ID:	2004-05-0900 - 3
Sampled:	05/21/2004	Extracted:	5/28/2004 12:07
Matrix:	Water	QC Batch#:	2004/05/28-04.11

Analysis Flag: rl,lrn,HT (See Legend and Note Section)

Compound	Conc.	RL	Unit	Dilution	Analyzed	Flag
Benzo(b)fluoranthene	ND	17	ug/L	8.62	06/02/2004 17:00	
Benzo(k)fluoranthene	ND	17	ug/L	8.62	06/02/2004 17:00	
Benzo(a)pyrene	ND	17	ug/L	8.62	06/02/2004 17:00	
Indeno(1,2,3-c,d)pyrene	ND	17	ug/L	8.62	06/02/2004 17:00	
Dibenzo(a,h)anthracene	ND	17	ug/L	8.62	06/02/2004 17:00	
Benzo(g,h,i)perylene	ND	17	ug/L	8.62	06/02/2004 17:00	
Benzoic acid	ND	86	ug/L	8.62	06/02/2004 17:00	
Surrogate(s)						
Nitrobenzene-d5	11.0	35-114	%	8.62	06/02/2004 17:00	sl
2-Fluorobiphenyl	16.8	43-116	%	8.62	06/02/2004 17:00	sl
p-Terphenyl-d14	81.2	33-141	%	8.62	06/02/2004 17:00	
2-Fluorophenol	20.0	25-100	%	8.62	06/02/2004 17:00	sl
Phenol-d5	17.8	10-110	%	8.62	06/02/2004 17:00	
2,4,6-Tribromophenol	70.1	10-123	%	8.62	06/02/2004 17:00	

Semi-volatile analysis by GC/MS - EPA8270C

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Project: 869-4A
Milpitas Sewage (Mil. Sewage)

Received: 05/25/2004 17:53

Prep(s): 3550B/8270C
Test(s): 8270C
Sample ID: **BLD-3B**
Lab ID: 2004-05-0900 - 4
Sampled: 05/21/2004
Extracted: 5/28/2004 08:03
Matrix: Soil
QC Batch#: 2004/05/28-01.11
Analysis Flag: sdo (See Legend and Note Section)

Compound	Conc.	RL	Unit	Dilution	Analyzed	Flag
Phenol	ND	0.67	mg/Kg	10.00	05/30/2004 09:47	
Bis(2-chloroethyl)ether	ND	0.67	mg/Kg	10.00	05/30/2004 09:47	
2-Chlorophenol	ND	0.67	mg/Kg	10.00	05/30/2004 09:47	
1,3-Dichlorobenzene	ND	0.67	mg/Kg	10.00	05/30/2004 09:47	
1,4-Dichlorobenzene	ND	0.67	mg/Kg	10.00	05/30/2004 09:47	
Benzyl alcohol	ND	1.7	mg/Kg	10.00	05/30/2004 09:47	
1,2-Dichlorobenzene	ND	0.67	mg/Kg	10.00	05/30/2004 09:47	
2-Methylphenol	ND	0.67	mg/Kg	10.00	05/30/2004 09:47	
Bis(2-chloroisopropyl) ether	ND	0.67	mg/Kg	10.00	05/30/2004 09:47	
4-Methylphenol	ND	0.67	mg/Kg	10.00	05/30/2004 09:47	
N-Nitroso-di-n-propylamine	ND	0.67	mg/Kg	10.00	05/30/2004 09:47	
Hexachloroethane	ND	0.67	mg/Kg	10.00	05/30/2004 09:47	
Nitrobenzene	ND	0.67	mg/Kg	10.00	05/30/2004 09:47	
Isophorone	ND	0.67	mg/Kg	10.00	05/30/2004 09:47	
2-Nitrophenol	ND	0.67	mg/Kg	10.00	05/30/2004 09:47	
2,4-Dimethylphenol	ND	0.67	mg/Kg	10.00	05/30/2004 09:47	
Bis(2-chloroethoxy) methane	ND	1.7	mg/Kg	10.00	05/30/2004 09:47	
2,4-Dichlorophenol	ND	0.67	mg/Kg	10.00	05/30/2004 09:47	
1,2,4-Trichlorobenzene	ND	0.67	mg/Kg	10.00	05/30/2004 09:47	
Naphthalene	ND	0.67	mg/Kg	10.00	05/30/2004 09:47	
4-Chloroaniline	ND	3.3	mg/Kg	10.00	05/30/2004 09:47	
Hexachlorobutadiene	ND	0.67	mg/Kg	10.00	05/30/2004 09:47	
4-Chloro-3-methylphenol	ND	1.7	mg/Kg	10.00	05/30/2004 09:47	
2-Methylnaphthalene	ND	0.67	mg/Kg	10.00	05/30/2004 09:47	
Hexachlorocyclopentadiene	ND	1.7	mg/Kg	10.00	05/30/2004 09:47	
2,4,6-Trichlorophenol	ND	0.67	mg/Kg	10.00	05/30/2004 09:47	
2,4,5-Trichlorophenol	ND	0.67	mg/Kg	10.00	05/30/2004 09:47	
2-Chloronaphthalene	ND	0.67	mg/Kg	10.00	05/30/2004 09:47	
2-Nitroaniline	ND	3.3	mg/Kg	10.00	05/30/2004 09:47	

SEVERN TRENT STL

Submission #: 2004-05-0900

Semi-volatile analysis by GC/MS - EPA8270C

Lowney & Associates Mountain View
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Project: 869-4A
Milpitas Sewage (Mil. Sewage)

Received: 05/25/2004 17:53

Prep(s): 3550B/8270C
Test(s): 8270C
Sample ID: **BLD-3B**
Lab ID: 2004-05-0900 - 4
Sampled: 05/21/2004
Extracted: 5/28/2004 08:03
Matrix: Soil
QC Batch#: 2004/05/28-01.11
Analysis Flag: sdo (See Legend and Note Section)

Compound	Conc.	RL	Unit	Dilution	Analyzed	Flag
Dimethyl phthalate	ND	1.7	mg/Kg	10.00	05/30/2004 09:47	
Acenaphthylene	ND	0.67	mg/Kg	10.00	05/30/2004 09:47	
3-Nitroaniline	ND	0.67	mg/Kg	10.00	05/30/2004 09:47	
Acenaphthene	ND	0.67	mg/Kg	10.00	05/30/2004 09:47	
2,4-Dinitrophenol	ND	3.3	mg/Kg	10.00	05/30/2004 09:47	
4-Nitrophenol	ND	3.3	mg/Kg	10.00	05/30/2004 09:47	
Dibenzofuran	ND	0.67	mg/Kg	10.00	05/30/2004 09:47	
2,4-Dinitrotoluene	ND	0.67	mg/Kg	10.00	05/30/2004 09:47	
2,6-Dinitrotoluene	ND	0.67	mg/Kg	10.00	05/30/2004 09:47	
Diethyl phthalate	ND	1.7	mg/Kg	10.00	05/30/2004 09:47	
4-Chlorophenyl phenyl ether	ND	1.7	mg/Kg	10.00	05/30/2004 09:47	
Fluorene	ND	0.67	mg/Kg	10.00	05/30/2004 09:47	
4-Nitroaniline	ND	3.3	mg/Kg	10.00	05/30/2004 09:47	
2-Methyl-4,6-dinitrophenol	ND	3.3	mg/Kg	10.00	05/30/2004 09:47	
N-Nitrosodiphenylamine	ND	0.67	mg/Kg	10.00	05/30/2004 09:47	
4-Bromophenyl phenyl ether	ND	1.7	mg/Kg	10.00	05/30/2004 09:47	
Hexachlorobenzene	ND	0.67	mg/Kg	10.00	05/30/2004 09:47	
Pentachlorophenol	ND	3.3	mg/Kg	10.00	05/30/2004 09:47	
Phenanthrene	ND	0.67	mg/Kg	10.00	05/30/2004 09:47	
Anthracene	ND	0.67	mg/Kg	10.00	05/30/2004 09:47	
Di-n-butyl phthalate	ND	1.7	mg/Kg	10.00	05/30/2004 09:47	
Fluoranthene	0.86	0.67	mg/Kg	10.00	05/30/2004 09:47	
Pyrene	0.68	0.67	mg/Kg	10.00	05/30/2004 09:47	
Butyl benzyl phthalate	ND	1.7	mg/Kg	10.00	05/30/2004 09:47	
3,3-Dichlorobenzidine	ND	1.7	mg/Kg	10.00	05/30/2004 09:47	
Benzo(a)anthracene	ND	0.67	mg/Kg	10.00	05/30/2004 09:47	
bis(2-Ethylhexyl) phthalate	ND	3.3	mg/Kg	10.00	05/30/2004 09:47	
Chrysene	ND	0.67	mg/Kg	10.00	05/30/2004 09:47	
Di-n-octyl phthalate	ND	1.7	mg/Kg	10.00	05/30/2004 09:47	

Semi-volatile analysis by GC/MS - EPA8270C

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Project: 869-4A
Milpitas Sewage (Mil. Sewage)

Received: 05/25/2004 17:53

Prep(s): 3550B/8270C
Test(s): 8270C
Sample ID: **BLD-3B**
Lab ID: 2004-05-0900 - 4
Sampled: 05/21/2004
Extracted: 5/28/2004 08:03
Matrix: Soil
QC Batch#: 2004/05/28-01.11
Analysis Flag: sdo (See Legend and Note Section)

Compound	Conc.	RL	Unit	Dilution	Analyzed	Flag
Benzo(b)fluoranthene	ND	0.67	mg/Kg	10.00	05/30/2004 09:47	
Benzo(k)fluoranthene	ND	0.67	mg/Kg	10.00	05/30/2004 09:47	
Benzo(a)pyrene	ND	0.67	mg/Kg	10.00	05/30/2004 09:47	
Indeno(1,2,3-c,d)pyrene	ND	0.67	mg/Kg	10.00	05/30/2004 09:47	
Dibenzo(a,h)anthracene	ND	0.67	mg/Kg	10.00	05/30/2004 09:47	
Benzo(g,h,i)perylene	ND	0.67	mg/Kg	10.00	05/30/2004 09:47	
Benzoic acid	ND	3.3	mg/Kg	10.00	05/30/2004 09:47	
Surrogate(s)						
Nitrobenzene-d5	NA	23-120	%	10.00	05/30/2004 09:47	
2-Fluorobiphenyl	NA	30-115	%	10.00	05/30/2004 09:47	
p-Terphenyl-d14	NA	18-137	%	10.00	05/30/2004 09:47	
2-Fluorophenol	NA	25-121	%	10.00	05/30/2004 09:47	
Phenol-d5	NA	24-113	%	10.00	05/30/2004 09:47	
2,4,6-Tribromophenol	NA	19-122	%	10.00	05/30/2004 09:47	

Semi-volatile analysis by GC/MS - EPA8270C

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Project: 869-4A
Milpitas Sewage (Mil. Sewage)

Received: 05/25/2004 17:53

Prep(s): 3510C/8270C
Test(s): 8270C
Sample ID: **BLD-8A**
Lab ID: 2004-05-0900 - 5
Sampled: 05/21/2004
Extracted: 5/28/2004 12:07
Matrix: Water
QC Batch#: 2004/05/28-04.11
Analysis Flag: rl,HT (See Legend and Note Section)

Compound	Conc.	RL	Unit	Dilution	Analyzed	Flag
Phenol	ND	2.8	ug/L	1.41	06/01/2004 20:04	
Bis(2-chloroethyl)ether	ND	2.8	ug/L	1.41	06/01/2004 20:04	
2-Chlorophenol	ND	2.8	ug/L	1.41	06/01/2004 20:04	
1,3-Dichlorobenzene	ND	2.8	ug/L	1.41	06/01/2004 20:04	
1,4-Dichlorobenzene	ND	2.8	ug/L	1.41	06/01/2004 20:04	
Benzyl alcohol	ND	7.0	ug/L	1.41	06/01/2004 20:04	
1,2-Dichlorobenzene	ND	2.8	ug/L	1.41	06/01/2004 20:04	
2-Methylphenol	ND	2.8	ug/L	1.41	06/01/2004 20:04	
Bis(2-chloroisopropyl) ether	ND	2.8	ug/L	1.41	06/01/2004 20:04	
4-Methylphenol	ND	2.8	ug/L	1.41	06/01/2004 20:04	
N-Nitroso-di-n-propylamine	ND	2.8	ug/L	1.41	06/01/2004 20:04	
Hexachloroethane	ND	2.8	ug/L	1.41	06/01/2004 20:04	
Nitrobenzene	ND	2.8	ug/L	1.41	06/01/2004 20:04	
Isophorone	ND	2.8	ug/L	1.41	06/01/2004 20:04	
2-Nitrophenol	ND	2.8	ug/L	1.41	06/01/2004 20:04	
2,4-Dimethylphenol	ND	2.8	ug/L	1.41	06/01/2004 20:04	
Bis(2-chloroethoxy) methane	ND	7.0	ug/L	1.41	06/01/2004 20:04	
2,4-Dichlorophenol	ND	2.8	ug/L	1.41	06/01/2004 20:04	
1,2,4-Trichlorobenzene	ND	2.8	ug/L	1.41	06/01/2004 20:04	
Naphthalene	ND	2.8	ug/L	1.41	06/01/2004 20:04	
4-Chloroaniline	ND	2.8	ug/L	1.41	06/01/2004 20:04	
Hexachlorobutadiene	ND	2.8	ug/L	1.41	06/01/2004 20:04	
4-Chloro-3-methylphenol	ND	7.0	ug/L	1.41	06/01/2004 20:04	
2-Methylnaphthalene	ND	2.8	ug/L	1.41	06/01/2004 20:04	
Hexachlorocyclopentadiene	ND	7.0	ug/L	1.41	06/01/2004 20:04	
2,4,6-Trichlorophenol	ND	2.8	ug/L	1.41	06/01/2004 20:04	
2,4,5-Trichlorophenol	ND	2.8	ug/L	1.41	06/01/2004 20:04	
2-Chloronaphthalene	ND	2.8	ug/L	1.41	06/01/2004 20:04	
2-Nitroaniline	ND	14	ug/L	1.41	06/01/2004 20:04	

Semi-volatile analysis by GC/MS - EPA8270C

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Project: 869-4A
Milpitas Sewage (Mil. Sewage)

Received: 05/25/2004 17:53

Prep(s): 3510C/8270C
Test(s): 8270C
Sample ID: **BLD-8A**
Lab ID: 2004-05-0900 - 5
Sampled: 05/21/2004
Extracted: 5/28/2004 12:07
Matrix: Water
QC Batch#: 2004/05/28-04.11
Analysis Flag: rl,HT (See Legend and Note Section)

Compound	Conc.	RL	Unit	Dilution	Analyzed	Flag
Dimethyl phthalate	ND	7.0	ug/L	1.41	06/01/2004 20:04	
Acenaphthylene	ND	2.8	ug/L	1.41	06/01/2004 20:04	
3-Nitroaniline	ND	2.8	ug/L	1.41	06/01/2004 20:04	
Acenaphthene	ND	2.8	ug/L	1.41	06/01/2004 20:04	
2,4-Dinitrophenol	ND	14	ug/L	1.41	06/01/2004 20:04	
4-Nitrophenol	ND	14	ug/L	1.41	06/01/2004 20:04	
Dibenzofuran	ND	2.8	ug/L	1.41	06/01/2004 20:04	
2,4-Dinitrotoluene	ND	2.8	ug/L	1.41	06/01/2004 20:04	
2,6-Dinitrotoluene	ND	7.0	ug/L	1.41	06/01/2004 20:04	
Diethyl phthalate	ND	7.0	ug/L	1.41	06/01/2004 20:04	
4-Chlorophenyl phenyl ether	ND	7.0	ug/L	1.41	06/01/2004 20:04	
Fluorene	ND	2.8	ug/L	1.41	06/01/2004 20:04	
4-Nitroaniline	ND	14	ug/L	1.41	06/01/2004 20:04	
2-Methyl-4,6-dinitrophenol	ND	14	ug/L	1.41	06/01/2004 20:04	
N-Nitrosodiphenylamine	ND	2.8	ug/L	1.41	06/01/2004 20:04	
4-Bromophenyl phenyl ether	ND	7.0	ug/L	1.41	06/01/2004 20:04	
Hexachlorobenzene	ND	2.8	ug/L	1.41	06/01/2004 20:04	
Pentachlorophenol	ND	14	ug/L	1.41	06/01/2004 20:04	
Phenanthrene	ND	2.8	ug/L	1.41	06/01/2004 20:04	
Anthracene	ND	2.8	ug/L	1.41	06/01/2004 20:04	
Di-n-butyl phthalate	ND	7.0	ug/L	1.41	06/01/2004 20:04	
Fluoranthene	ND	2.8	ug/L	1.41	06/01/2004 20:04	
Pyrene	ND	2.8	ug/L	1.41	06/01/2004 20:04	
Butyl benzyl phthalate	ND	7.0	ug/L	1.41	06/01/2004 20:04	
3,3-Dichlorobenzidine	ND	7.0	ug/L	1.41	06/01/2004 20:04	
Benzo(a)anthracene	ND	2.8	ug/L	1.41	06/01/2004 20:04	
bis(2-Ethylhexyl) phthalate	ND	14	ug/L	1.41	06/01/2004 20:04	
Chrysene	ND	2.8	ug/L	1.41	06/01/2004 20:04	
Di-n-octyl phthalate	ND	7.0	ug/L	1.41	06/01/2004 20:04	

SEVERN TRENT STL

Submission #: 2004-05-0900

Semi-volatile analysis by GC/MS - EPA8270C

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Project: 869-4A
Milpitas Sewage (Mil. Sewage)

Received: 05/25/2004 17:53

Prep(s): 3510C/8270C
Test(s): 8270C
Sample ID: **BLD-8A**
Lab ID: 2004-05-0900 - 5
Sampled: 05/21/2004
Extracted: 5/28/2004 12:07
Matrix: Water
QC Batch#: 2004/05/28-04.11
Analysis Flag: rl,HT (See Legend and Note Section)

Compound	Conc.	RL	Unit	Dilution	Analyzed	Flag
Benzo(b)fluoranthene	ND	2.8	ug/L	1.41	06/01/2004 20:04	
Benzo(k)fluoranthene	ND	2.8	ug/L	1.41	06/01/2004 20:04	
Benzo(a)pyrene	ND	2.8	ug/L	1.41	06/01/2004 20:04	
Indeno(1,2,3-c,d)pyrene	ND	2.8	ug/L	1.41	06/01/2004 20:04	
Dibenzo(a,h)anthracene	ND	2.8	ug/L	1.41	06/01/2004 20:04	
Benzo(g,h,i)perylene	ND	2.8	ug/L	1.41	06/01/2004 20:04	
Benzoic acid	ND	14	ug/L	1.41	06/01/2004 20:04	
Surrogate(s)						
Nitrobenzene-d5	74.9	35-114	%	1.41	06/01/2004 20:04	
2-Fluorobiphenyl	72.0	43-116	%	1.41	06/01/2004 20:04	
p-Terphenyl-d14	70.3	33-141	%	1.41	06/01/2004 20:04	
2-Fluorophenol	74.2	25-100	%	1.41	06/01/2004 20:04	
Phenol-d5	58.0	10-110	%	1.41	06/01/2004 20:04	
2,4,6-Tribromophenol	100.3	10-123	%	1.41	06/01/2004 20:04	

Semi-volatile analysis by GC/MS - EPA8270C

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Project: 869-4A
Milpitas Sewage (Mil. Sewage)

Received: 05/25/2004 17:53

Prep(s): 3510C/8270C
Test(s): 8270C
Sample ID: **BLD-8B**
Lab ID: 2004-05-0900 - 6
Sampled: 05/21/2004
Extracted: 5/28/2004 12:07
Matrix: Water
QC Batch#: 2004/05/28-04.11
Analysis Flag: rl,HT (See Legend and Note Section)

Compound	Conc.	RL	Unit	Dilution	Analyzed	Flag
Phenol	ND	3.0	ug/L	1.49	06/01/2004 20:33	
Bis(2-chloroethyl)ether	ND	3.0	ug/L	1.49	06/01/2004 20:33	
2-Chlorophenol	ND	3.0	ug/L	1.49	06/01/2004 20:33	
1,3-Dichlorobenzene	ND	3.0	ug/L	1.49	06/01/2004 20:33	
1,4-Dichlorobenzene	ND	3.0	ug/L	1.49	06/01/2004 20:33	
Benzyl alcohol	ND	7.5	ug/L	1.49	06/01/2004 20:33	
1,2-Dichlorobenzene	ND	3.0	ug/L	1.49	06/01/2004 20:33	
2-Methylphenol	ND	3.0	ug/L	1.49	06/01/2004 20:33	
Bis(2-chloroisopropyl) ether	ND	3.0	ug/L	1.49	06/01/2004 20:33	
4-Methylphenol	ND	3.0	ug/L	1.49	06/01/2004 20:33	
N-Nitroso-di-n-propylamine	ND	3.0	ug/L	1.49	06/01/2004 20:33	
Hexachloroethane	ND	3.0	ug/L	1.49	06/01/2004 20:33	
Nitrobenzene	ND	3.0	ug/L	1.49	06/01/2004 20:33	
Isophorone	ND	3.0	ug/L	1.49	06/01/2004 20:33	
2-Nitrophenol	ND	3.0	ug/L	1.49	06/01/2004 20:33	
2,4-Dimethylphenol	ND	3.0	ug/L	1.49	06/01/2004 20:33	
Bis(2-chloroethoxy) methane	ND	7.5	ug/L	1.49	06/01/2004 20:33	
2,4-Dichlorophenol	ND	3.0	ug/L	1.49	06/01/2004 20:33	
1,2,4-Trichlorobenzene	ND	3.0	ug/L	1.49	06/01/2004 20:33	
Naphthalene	ND	3.0	ug/L	1.49	06/01/2004 20:33	
4-Chloroaniline	ND	3.0	ug/L	1.49	06/01/2004 20:33	
Hexachlorobutadiene	ND	3.0	ug/L	1.49	06/01/2004 20:33	
4-Chloro-3-methylphenol	ND	7.5	ug/L	1.49	06/01/2004 20:33	
2-Methylnaphthalene	ND	3.0	ug/L	1.49	06/01/2004 20:33	
Hexachlorocyclopentadiene	ND	7.5	ug/L	1.49	06/01/2004 20:33	
2,4,6-Trichlorophenol	ND	3.0	ug/L	1.49	06/01/2004 20:33	
2,4,5-Trichlorophenol	ND	3.0	ug/L	1.49	06/01/2004 20:33	
2-Chloronaphthalene	ND	3.0	ug/L	1.49	06/01/2004 20:33	
2-Nitroaniline	ND	15	ug/L	1.49	06/01/2004 20:33	

SEVERN TRENT STL

Submission #: 2004-05-0900

Semi-volatile analysis by GC/MS - EPA8270C

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Project: 869-4A
Milpitas Sewage (Mil. Sewage)

Received: 05/25/2004 17:53

Prep(s): 3510C/8270C
Test(s): 8270C
Sample ID: **BLD-8B**
Lab ID: 2004-05-0900 - 6
Sampled: 05/21/2004
Extracted: 5/28/2004 12:07
Matrix: Water
QC Batch#: 2004/05/28-04.11
Analysis Flag: rl,HT (See Legend and Note Section)

Compound	Conc.	RL	Unit	Dilution	Analyzed	Flag
Dimethyl phthalate	ND	7.5	ug/L	1.49	06/01/2004 20:33	
Acenaphthylene	ND	3.0	ug/L	1.49	06/01/2004 20:33	
3-Nitroaniline	ND	3.0	ug/L	1.49	06/01/2004 20:33	
Acenaphthene	ND	3.0	ug/L	1.49	06/01/2004 20:33	
2,4-Dinitrophenol	ND	15	ug/L	1.49	06/01/2004 20:33	
4-Nitrophenol	ND	15	ug/L	1.49	06/01/2004 20:33	
Dibenzofuran	ND	3.0	ug/L	1.49	06/01/2004 20:33	
2,4-Dinitrotoluene	ND	3.0	ug/L	1.49	06/01/2004 20:33	
2,6-Dinitrotoluene	ND	7.5	ug/L	1.49	06/01/2004 20:33	
Diethyl phthalate	ND	7.5	ug/L	1.49	06/01/2004 20:33	
4-Chlorophenyl phenyl ether	ND	7.5	ug/L	1.49	06/01/2004 20:33	
Fluorene	ND	3.0	ug/L	1.49	06/01/2004 20:33	
4-Nitroaniline	ND	15	ug/L	1.49	06/01/2004 20:33	
2-Methyl-4,6-dinitrophenol	ND	15	ug/L	1.49	06/01/2004 20:33	
N-Nitrosodiphenylamine	ND	3.0	ug/L	1.49	06/01/2004 20:33	
4-Bromophenyl phenyl ether	ND	7.5	ug/L	1.49	06/01/2004 20:33	
Hexachlorobenzene	ND	3.0	ug/L	1.49	06/01/2004 20:33	
Pentachlorophenol	ND	15	ug/L	1.49	06/01/2004 20:33	
Phenanthrene	ND	3.0	ug/L	1.49	06/01/2004 20:33	
Anthracene	ND	3.0	ug/L	1.49	06/01/2004 20:33	
Di-n-butyl phthalate	ND	7.5	ug/L	1.49	06/01/2004 20:33	
Fluoranthene	ND	3.0	ug/L	1.49	06/01/2004 20:33	
Pyrene	ND	3.0	ug/L	1.49	06/01/2004 20:33	
Butyl benzyl phthalate	ND	7.5	ug/L	1.49	06/01/2004 20:33	
3,3-Dichlorobenzidine	ND	7.5	ug/L	1.49	06/01/2004 20:33	
Benzo(a)anthracene	ND	3.0	ug/L	1.49	06/01/2004 20:33	
bis(2-Ethylhexyl) phthalate	ND	15	ug/L	1.49	06/01/2004 20:33	
Chrysene	ND	3.0	ug/L	1.49	06/01/2004 20:33	
Di-n-octyl phthalate	ND	7.5	ug/L	1.49	06/01/2004 20:33	

Semi-volatile analysis by GC/MS - EPA8270C

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Project: 869-4A
Milpitas Sewage (Mil. Sewage)

Received: 05/25/2004 17:53

Prep(s): 3510C/8270C
Test(s): 8270C
Sample ID: **BLD-8B**
Lab ID: 2004-05-0900 - 6
Sampled: 05/21/2004
Extracted: 5/28/2004 12:07
Matrix: Water
QC Batch#: 2004/05/28-04.11
Analysis Flag: rl,HT (See Legend and Note Section)

Compound	Conc.	RL	Unit	Dilution	Analyzed	Flag
Benzo(b)fluoranthene	ND	3.0	ug/L	1.49	06/01/2004 20:33	
Benzo(k)fluoranthene	ND	3.0	ug/L	1.49	06/01/2004 20:33	
Benzo(a)pyrene	ND	3.0	ug/L	1.49	06/01/2004 20:33	
Indeno(1,2,3-c,d)pyrene	ND	3.0	ug/L	1.49	06/01/2004 20:33	
Dibenzo(a,h)anthracene	ND	3.0	ug/L	1.49	06/01/2004 20:33	
Benzo(g,h,i)perylene	ND	3.0	ug/L	1.49	06/01/2004 20:33	
Benzoic acid	ND	15	ug/L	1.49	06/01/2004 20:33	
Surrogate(s)						
Nitrobenzene-d5	74.2	35-114	%	1.49	06/01/2004 20:33	
2-Fluorobiphenyl	76.4	43-116	%	1.49	06/01/2004 20:33	
p-Terphenyl-d14	76.2	33-141	%	1.49	06/01/2004 20:33	
2-Fluorophenol	50.3	25-100	%	1.49	06/01/2004 20:33	
Phenol-d5	56.6	10-110	%	1.49	06/01/2004 20:33	
2,4,6-Tribromophenol	36.2	10-123	%	1.49	06/01/2004 20:33	

Semi-volatile analysis by GC/MS - EPA8270C

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Project: 869-4A
Milpitas Sewage (Mil. Sewage)

Received: 05/25/2004 17:53

Prep(s): 3510C/8270C
Test(s): 8270C
Sample ID: **BLD-9A**
Lab ID: 2004-05-0900 - 7
Sampled: 05/21/2004
Extracted: 5/28/2004 12:07
Matrix: Water
QC Batch#: 2004/05/28-04.11
Analysis Flag: lrn,rl,HT (See Legend and Note Section)

Compound	Conc.	RL	Unit	Dilution	Analyzed	Flag
Phenol	ND	7.4	ug/L	3.70	06/02/2004 17:29	
Bis(2-chloroethyl)ether	ND	7.4	ug/L	3.70	06/02/2004 17:29	
2-Chlorophenol	ND	7.4	ug/L	3.70	06/02/2004 17:29	
1,3-Dichlorobenzene	ND	7.4	ug/L	3.70	06/02/2004 17:29	
1,4-Dichlorobenzene	ND	7.4	ug/L	3.70	06/02/2004 17:29	
Benzyl alcohol	ND	19	ug/L	3.70	06/02/2004 17:29	
1,2-Dichlorobenzene	ND	7.4	ug/L	3.70	06/02/2004 17:29	
2-Methylphenol	ND	7.4	ug/L	3.70	06/02/2004 17:29	
Bis(2-chloroisopropyl) ether	ND	7.4	ug/L	3.70	06/02/2004 17:29	
4-Methylphenol	ND	7.4	ug/L	3.70	06/02/2004 17:29	
N-Nitroso-di-n-propylamine	ND	7.4	ug/L	3.70	06/02/2004 17:29	
Hexachloroethane	ND	7.4	ug/L	3.70	06/02/2004 17:29	
Nitrobenzene	ND	7.4	ug/L	3.70	06/02/2004 17:29	
Isophorone	ND	7.4	ug/L	3.70	06/02/2004 17:29	
2-Nitrophenol	ND	7.4	ug/L	3.70	06/02/2004 17:29	
2,4-Dimethylphenol	ND	7.4	ug/L	3.70	06/02/2004 17:29	
Bis(2-chloroethoxy) methane	ND	19	ug/L	3.70	06/02/2004 17:29	
2,4-Dichlorophenol	ND	7.4	ug/L	3.70	06/02/2004 17:29	
1,2,4-Trichlorobenzene	ND	7.4	ug/L	3.70	06/02/2004 17:29	
Naphthalene	ND	7.4	ug/L	3.70	06/02/2004 17:29	
4-Chloroaniline	ND	7.4	ug/L	3.70	06/02/2004 17:29	
Hexachlorobutadiene	ND	7.4	ug/L	3.70	06/02/2004 17:29	
4-Chloro-3-methylphenol	ND	19	ug/L	3.70	06/02/2004 17:29	
2-Methylnaphthalene	ND	7.4	ug/L	3.70	06/02/2004 17:29	
Hexachlorocyclopentadiene	ND	19	ug/L	3.70	06/02/2004 17:29	
2,4,6-Trichlorophenol	ND	7.4	ug/L	3.70	06/02/2004 17:29	
2,4,5-Trichlorophenol	ND	7.4	ug/L	3.70	06/02/2004 17:29	
2-Chloronaphthalene	ND	7.4	ug/L	3.70	06/02/2004 17:29	
2-Nitroaniline	ND	37	ug/L	3.70	06/02/2004 17:29	

Semi-volatile analysis by GC/MS - EPA8270C

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Project: 869-4A
Milpitas Sewage (Mil. Sewage)

Received: 05/25/2004 17:53

Prep(s): 3510C/8270C
Test(s): 8270C
Sample ID: **BLD-9A**
Lab ID: 2004-05-0900 - 7
Sampled: 05/21/2004
Extracted: 5/28/2004 12:07
Matrix: Water
QC Batch#: 2004/05/28-04.11
Analysis Flag: lrn,rl,HT (See Legend and Note Section)

Compound	Conc.	RL	Unit	Dilution	Analyzed	Flag
Dimethyl phthalate	ND	19	ug/L	3.70	06/02/2004 17:29	
Acenaphthylene	ND	7.4	ug/L	3.70	06/02/2004 17:29	
3-Nitroaniline	ND	7.4	ug/L	3.70	06/02/2004 17:29	
Acenaphthene	ND	7.4	ug/L	3.70	06/02/2004 17:29	
2,4-Dinitrophenol	ND	37	ug/L	3.70	06/02/2004 17:29	
4-Nitrophenol	ND	37	ug/L	3.70	06/02/2004 17:29	
Dibenzofuran	ND	7.4	ug/L	3.70	06/02/2004 17:29	
2,4-Dinitrotoluene	ND	7.4	ug/L	3.70	06/02/2004 17:29	
2,6-Dinitrotoluene	ND	19	ug/L	3.70	06/02/2004 17:29	
Diethyl phthalate	ND	19	ug/L	3.70	06/02/2004 17:29	
4-Chlorophenyl phenyl ether	ND	19	ug/L	3.70	06/02/2004 17:29	
Fluorene	ND	7.4	ug/L	3.70	06/02/2004 17:29	
4-Nitroaniline	ND	37	ug/L	3.70	06/02/2004 17:29	
2-Methyl-4,6-dinitrophenol	ND	37	ug/L	3.70	06/02/2004 17:29	
N-Nitrosodiphenylamine	ND	7.4	ug/L	3.70	06/02/2004 17:29	
4-Bromophenyl phenyl ether	ND	19	ug/L	3.70	06/02/2004 17:29	
Hexachlorobenzene	ND	7.4	ug/L	3.70	06/02/2004 17:29	
Pentachlorophenol	ND	37	ug/L	3.70	06/02/2004 17:29	
Phenanthrene	ND	7.4	ug/L	3.70	06/02/2004 17:29	
Anthracene	ND	7.4	ug/L	3.70	06/02/2004 17:29	
Di-n-butyl phthalate	ND	19	ug/L	3.70	06/02/2004 17:29	
Fluoranthene	ND	7.4	ug/L	3.70	06/02/2004 17:29	
Pyrene	ND	7.4	ug/L	3.70	06/02/2004 17:29	
Butyl benzyl phthalate	ND	19	ug/L	3.70	06/02/2004 17:29	
3,3-Dichlorobenzidine	ND	19	ug/L	3.70	06/02/2004 17:29	
Benzo(a)anthracene	ND	7.4	ug/L	3.70	06/02/2004 17:29	
bis(2-Ethylhexyl) phthalate	ND	37	ug/L	3.70	06/02/2004 17:29	
Chrysene	ND	7.4	ug/L	3.70	06/02/2004 17:29	
Di-n-octyl phthalate	ND	19	ug/L	3.70	06/02/2004 17:29	

Semi-volatile analysis by GC/MS - EPA8270C

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Project: 869-4A
Milpitas Sewage (Mil. Sewage)

Received: 05/25/2004 17:53

Prep(s): 3510C/8270C
Test(s): 8270C
Sample ID: **BLD-9A**
Lab ID: 2004-05-0900 - 7
Sampled: 05/21/2004
Extracted: 5/28/2004 12:07
Matrix: Water
QC Batch#: 2004/05/28-04.11
Analysis Flag: lrn,rl,HT (See Legend and Note Section)

Compound	Conc.	RL	Unit	Dilution	Analyzed	Flag
Benzo(b)fluoranthene	ND	7.4	ug/L	3.70	06/02/2004 17:29	
Benzo(k)fluoranthene	ND	7.4	ug/L	3.70	06/02/2004 17:29	
Benzo(a)pyrene	ND	7.4	ug/L	3.70	06/02/2004 17:29	
Indeno(1,2,3-c,d)pyrene	ND	7.4	ug/L	3.70	06/02/2004 17:29	
Dibenzo(a,h)anthracene	ND	7.4	ug/L	3.70	06/02/2004 17:29	
Benzo(g,h,i)perylene	ND	7.4	ug/L	3.70	06/02/2004 17:29	
Benzoic acid	ND	37	ug/L	3.70	06/02/2004 17:29	
Surrogate(s)						
Nitrobenzene-d5	51.6	35-114	%	3.70	06/02/2004 17:29	
2-Fluorobiphenyl	43.5	43-116	%	3.70	06/02/2004 17:29	
p-Terphenyl-d14	93.1	33-141	%	3.70	06/02/2004 17:29	
2-Fluorophenol	29.8	25-100	%	3.70	06/02/2004 17:29	
Phenol-d5	27.5	10-110	%	3.70	06/02/2004 17:29	
2,4,6-Tribromophenol	9.2	10-123	%	3.70	06/02/2004 17:29	sl

Semi-volatile analysis by GC/MS - EPA8270C

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Project: 869-4A
Milpitas Sewage (Mil. Sewage)

Received: 05/25/2004 17:53

Prep(s): 3550B/8270C
Test(s): 8270C
Sample ID: **BLD-8A**
Lab ID: 2004-05-0900 - 8
Sampled: 05/24/2004
Extracted: 5/28/2004 08:03
Matrix: Soil
QC Batch#: 2004/05/28-01.11
Analysis Flag: sdo (See Legend and Note Section)

Compound	Conc.	RL	Unit	Dilution	Analyzed	Flag
Phenol	ND	0.67	mg/Kg	10.00	05/30/2004 10:16	
Bis(2-chloroethyl)ether	ND	0.67	mg/Kg	10.00	05/30/2004 10:16	
2-Chlorophenol	ND	0.67	mg/Kg	10.00	05/30/2004 10:16	
1,3-Dichlorobenzene	ND	0.67	mg/Kg	10.00	05/30/2004 10:16	
1,4-Dichlorobenzene	ND	0.67	mg/Kg	10.00	05/30/2004 10:16	
Benzyl alcohol	ND	1.7	mg/Kg	10.00	05/30/2004 10:16	
1,2-Dichlorobenzene	ND	0.67	mg/Kg	10.00	05/30/2004 10:16	
2-Methylphenol	ND	0.67	mg/Kg	10.00	05/30/2004 10:16	
Bis(2-chloroisopropyl) ether	ND	0.67	mg/Kg	10.00	05/30/2004 10:16	
4-Methylphenol	ND	0.67	mg/Kg	10.00	05/30/2004 10:16	
N-Nitroso-di-n-propylamine	ND	0.67	mg/Kg	10.00	05/30/2004 10:16	
Hexachloroethane	ND	0.67	mg/Kg	10.00	05/30/2004 10:16	
Nitrobenzene	ND	0.67	mg/Kg	10.00	05/30/2004 10:16	
Isophorone	ND	0.67	mg/Kg	10.00	05/30/2004 10:16	
2-Nitrophenol	ND	0.67	mg/Kg	10.00	05/30/2004 10:16	
2,4-Dimethylphenol	ND	0.67	mg/Kg	10.00	05/30/2004 10:16	
Bis(2-chloroethoxy) methane	ND	1.7	mg/Kg	10.00	05/30/2004 10:16	
2,4-Dichlorophenol	ND	0.67	mg/Kg	10.00	05/30/2004 10:16	
1,2,4-Trichlorobenzene	ND	0.67	mg/Kg	10.00	05/30/2004 10:16	
Naphthalene	ND	0.67	mg/Kg	10.00	05/30/2004 10:16	
4-Chloroaniline	ND	3.3	mg/Kg	10.00	05/30/2004 10:16	
Hexachlorobutadiene	ND	0.67	mg/Kg	10.00	05/30/2004 10:16	
4-Chloro-3-methylphenol	ND	1.7	mg/Kg	10.00	05/30/2004 10:16	
2-Methylnaphthalene	ND	0.67	mg/Kg	10.00	05/30/2004 10:16	
Hexachlorocyclopentadiene	ND	1.7	mg/Kg	10.00	05/30/2004 10:16	
2,4,6-Trichlorophenol	ND	0.67	mg/Kg	10.00	05/30/2004 10:16	
2,4,5-Trichlorophenol	ND	0.67	mg/Kg	10.00	05/30/2004 10:16	
2-Chloronaphthalene	ND	0.67	mg/Kg	10.00	05/30/2004 10:16	
2-Nitroaniline	ND	3.3	mg/Kg	10.00	05/30/2004 10:16	

Semi-volatile analysis by GC/MS - EPA8270C

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Project: 869-4A
Milpitas Sewage (Mil. Sewage)

Received: 05/25/2004 17:53

Prep(s): 3550B/8270C
Test(s): 8270C
Sample ID: **BLD-8A**
Lab ID: 2004-05-0900 - 8
Sampled: 05/24/2004
Extracted: 5/28/2004 08:03
Matrix: Soil
QC Batch#: 2004/05/28-01.11
Analysis Flag: sdo (See Legend and Note Section)

Compound	Conc.	RL	Unit	Dilution	Analyzed	Flag
Dimethyl phthalate	ND	1.7	mg/Kg	10.00	05/30/2004 10:16	
Acenaphthylene	ND	0.67	mg/Kg	10.00	05/30/2004 10:16	
3-Nitroaniline	ND	0.67	mg/Kg	10.00	05/30/2004 10:16	
Acenaphthene	ND	0.67	mg/Kg	10.00	05/30/2004 10:16	
2,4-Dinitrophenol	ND	3.3	mg/Kg	10.00	05/30/2004 10:16	
4-Nitrophenol	ND	3.3	mg/Kg	10.00	05/30/2004 10:16	
Dibenzofuran	ND	0.67	mg/Kg	10.00	05/30/2004 10:16	
2,4-Dinitrotoluene	ND	0.67	mg/Kg	10.00	05/30/2004 10:16	
2,6-Dinitrotoluene	ND	0.67	mg/Kg	10.00	05/30/2004 10:16	
Diethyl phthalate	ND	1.7	mg/Kg	10.00	05/30/2004 10:16	
4-Chlorophenyl phenyl ether	ND	1.7	mg/Kg	10.00	05/30/2004 10:16	
Fluorene	ND	0.67	mg/Kg	10.00	05/30/2004 10:16	
4-Nitroaniline	ND	3.3	mg/Kg	10.00	05/30/2004 10:16	
2-Methyl-4,6-dinitrophenol	ND	3.3	mg/Kg	10.00	05/30/2004 10:16	
N-Nitrosodiphenylamine	ND	0.67	mg/Kg	10.00	05/30/2004 10:16	
4-Bromophenyl phenyl ether	ND	1.7	mg/Kg	10.00	05/30/2004 10:16	
Hexachlorobenzene	ND	0.67	mg/Kg	10.00	05/30/2004 10:16	
Pentachlorophenol	ND	3.3	mg/Kg	10.00	05/30/2004 10:16	
Phenanthrene	0.96	0.67	mg/Kg	10.00	05/30/2004 10:16	
Anthracene	ND	0.67	mg/Kg	10.00	05/30/2004 10:16	
Di-n-butyl phthalate	ND	1.7	mg/Kg	10.00	05/30/2004 10:16	
Fluoranthene	0.87	0.67	mg/Kg	10.00	05/30/2004 10:16	
Pyrene	ND	0.67	mg/Kg	10.00	05/30/2004 10:16	
Butyl benzyl phthalate	ND	1.7	mg/Kg	10.00	05/30/2004 10:16	
3,3-Dichlorobenzidine	ND	1.7	mg/Kg	10.00	05/30/2004 10:16	
Benzo(a)anthracene	ND	0.67	mg/Kg	10.00	05/30/2004 10:16	
bis(2-Ethylhexyl) phthalate	13	3.3	mg/Kg	10.00	05/30/2004 10:16	
Chrysene	ND	0.67	mg/Kg	10.00	05/30/2004 10:16	
Di-n-octyl phthalate	ND	1.7	mg/Kg	10.00	05/30/2004 10:16	

Semi-volatile analysis by GC/MS - EPA8270C

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Project: 869-4A
Milpitas Sewage (Mil. Sewage)

Received: 05/25/2004 17:53

Prep(s): 3550B/8270C
Test(s): 8270C
Sample ID: **BLD-8A**
Lab ID: 2004-05-0900 - 8
Sampled: 05/24/2004
Extracted: 5/28/2004 08:03
Matrix: Soil
QC Batch#: 2004/05/28-01.11
Analysis Flag: sdo (See Legend and Note Section)

Compound	Conc.	RL	Unit	Dilution	Analyzed	Flag
Benzo(b)fluoranthene	ND	0.67	mg/Kg	10.00	05/30/2004 10:16	
Benzo(k)fluoranthene	ND	0.67	mg/Kg	10.00	05/30/2004 10:16	
Benzo(a)pyrene	ND	0.67	mg/Kg	10.00	05/30/2004 10:16	
Indeno(1,2,3-c,d)pyrene	ND	0.67	mg/Kg	10.00	05/30/2004 10:16	
Dibenzo(a,h)anthracene	ND	0.67	mg/Kg	10.00	05/30/2004 10:16	
Benzo(g,h,i)perylene	ND	0.67	mg/Kg	10.00	05/30/2004 10:16	
Benzoic acid	ND	3.3	mg/Kg	10.00	05/30/2004 10:16	
Surrogate(s)						
Nitrobenzene-d5	NA	23-120	%	10.00	05/30/2004 10:16	
2-Fluorobiphenyl	NA	30-115	%	10.00	05/30/2004 10:16	
p-Terphenyl-d14	NA	18-137	%	10.00	05/30/2004 10:16	
2-Fluorophenol	NA	25-121	%	10.00	05/30/2004 10:16	
Phenol-d5	NA	24-113	%	10.00	05/30/2004 10:16	
2,4,6-Tribromophenol	NA	19-122	%	10.00	05/30/2004 10:16	

Semi-volatile analysis by GC/MS - EPA8270C

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Project: 869-4A
Milpitas Sewage (Mil. Sewage)

Received: 05/25/2004 17:53

Prep(s): 3550B/8270C
Test(s): 8270C
Sample ID: **BLD-8B**
Lab ID: 2004-05-0900 - 9
Sampled: 05/24/2004
Extracted: 5/28/2004 08:03
Matrix: Soil
QC Batch#: 2004/05/28-01.11

Compound	Conc.	RL	Unit	Dilution	Analyzed	Flag
Phenol	ND	0.13	mg/Kg	2.00	06/01/2004 13:05	
Bis(2-chloroethyl)ether	ND	0.13	mg/Kg	2.00	06/01/2004 13:05	
2-Chlorophenol	ND	0.13	mg/Kg	2.00	06/01/2004 13:05	
1,3-Dichlorobenzene	ND	0.13	mg/Kg	2.00	06/01/2004 13:05	
1,4-Dichlorobenzene	ND	0.13	mg/Kg	2.00	06/01/2004 13:05	
Benzyl alcohol	ND	0.34	mg/Kg	2.00	06/01/2004 13:05	
1,2-Dichlorobenzene	ND	0.13	mg/Kg	2.00	06/01/2004 13:05	
2-Methylphenol	ND	0.13	mg/Kg	2.00	06/01/2004 13:05	
Bis(2-chloroisopropyl) ether	ND	0.13	mg/Kg	2.00	06/01/2004 13:05	
4-Methylphenol	ND	0.13	mg/Kg	2.00	06/01/2004 13:05	
N-Nitroso-di-n-propylamine	ND	0.13	mg/Kg	2.00	06/01/2004 13:05	
Hexachloroethane	ND	0.13	mg/Kg	2.00	06/01/2004 13:05	
Nitrobenzene	ND	0.13	mg/Kg	2.00	06/01/2004 13:05	
Isophorone	ND	0.13	mg/Kg	2.00	06/01/2004 13:05	
2-Nitrophenol	ND	0.13	mg/Kg	2.00	06/01/2004 13:05	
2,4-Dimethylphenol	ND	0.13	mg/Kg	2.00	06/01/2004 13:05	
Bis(2-chloroethoxy) methane	ND	0.34	mg/Kg	2.00	06/01/2004 13:05	
2,4-Dichlorophenol	ND	0.13	mg/Kg	2.00	06/01/2004 13:05	
1,2,4-Trichlorobenzene	ND	0.13	mg/Kg	2.00	06/01/2004 13:05	
Naphthalene	ND	0.13	mg/Kg	2.00	06/01/2004 13:05	
4-Chloroaniline	ND	0.66	mg/Kg	2.00	06/01/2004 13:05	
Hexachlorobutadiene	ND	0.13	mg/Kg	2.00	06/01/2004 13:05	
4-Chloro-3-methylphenol	ND	0.34	mg/Kg	2.00	06/01/2004 13:05	
2-Methylnaphthalene	ND	0.13	mg/Kg	2.00	06/01/2004 13:05	
Hexachlorocyclopentadiene	ND	0.34	mg/Kg	2.00	06/01/2004 13:05	
2,4,6-Trichlorophenol	ND	0.13	mg/Kg	2.00	06/01/2004 13:05	
2,4,5-Trichlorophenol	ND	0.13	mg/Kg	2.00	06/01/2004 13:05	
2-Chloronaphthalene	ND	0.13	mg/Kg	2.00	06/01/2004 13:05	
2-Nitroaniline	ND	0.66	mg/Kg	2.00	06/01/2004 13:05	
Dimethyl phthalate	ND	0.34	mg/Kg	2.00	06/01/2004 13:05	

Semi-volatile analysis by GC/MS - EPA8270C

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Project: 869-4A
Milpitas Sewage (Mil. Sewage)

Received: 05/25/2004 17:53

Prep(s):	3550B/8270C	Test(s):	8270C
Sample ID:	**BLD-8B**	Lab ID:	2004-05-0900 - 9
Sampled:	05/24/2004	Extracted:	5/28/2004 08:03
Matrix:	Soil	QC Batch#:	2004/05/28-01.11

Compound	Conc.	RL	Unit	Dilution	Analyzed	Flag
Acenaphthylene	ND	0.13	mg/Kg	2.00	06/01/2004 13:05	
3-Nitroaniline	ND	0.13	mg/Kg	2.00	06/01/2004 13:05	
Acenaphthene	0.32	0.13	mg/Kg	2.00	06/01/2004 13:05	
2,4-Dinitrophenol	ND	0.66	mg/Kg	2.00	06/01/2004 13:05	
4-Nitrophenol	ND	0.66	mg/Kg	2.00	06/01/2004 13:05	
Dibenzofuran	0.30	0.13	mg/Kg	2.00	06/01/2004 13:05	
2,4-Dinitrotoluene	ND	0.13	mg/Kg	2.00	06/01/2004 13:05	
2,6-Dinitrotoluene	ND	0.13	mg/Kg	2.00	06/01/2004 13:05	
Diethyl phthalate	ND	0.34	mg/Kg	2.00	06/01/2004 13:05	
4-Chlorophenyl phenyl ether	ND	0.34	mg/Kg	2.00	06/01/2004 13:05	
Fluorene	0.57	0.13	mg/Kg	2.00	06/01/2004 13:05	
4-Nitroaniline	ND	0.66	mg/Kg	2.00	06/01/2004 13:05	
2-Methyl-4,6-dinitrophenol	ND	0.66	mg/Kg	2.00	06/01/2004 13:05	
N-Nitrosodiphenylamine	ND	0.13	mg/Kg	2.00	06/01/2004 13:05	
4-Bromophenyl phenyl ether	ND	0.34	mg/Kg	2.00	06/01/2004 13:05	
Hexachlorobenzene	ND	0.13	mg/Kg	2.00	06/01/2004 13:05	
Pentachlorophenol	ND	0.66	mg/Kg	2.00	06/01/2004 13:05	
Phenanthrene	3.8	0.13	mg/Kg	2.00	06/01/2004 13:05	
Anthracene	0.84	0.13	mg/Kg	2.00	06/01/2004 13:05	
Di-n-butyl phthalate	ND	0.34	mg/Kg	2.00	06/01/2004 13:05	
Fluoranthene	4.8	0.13	mg/Kg	2.00	06/01/2004 13:05	
Pyrene	3.2	0.13	mg/Kg	2.00	06/01/2004 13:05	
Butyl benzyl phthalate	ND	0.34	mg/Kg	2.00	06/01/2004 13:05	
3,3-Dichlorobenzidine	ND	0.34	mg/Kg	2.00	06/01/2004 13:05	
Benzo(a)anthracene	2.0	0.13	mg/Kg	2.00	06/01/2004 13:05	
bis(2-Ethylhexyl) phthalate	ND	0.66	mg/Kg	2.00	06/01/2004 13:05	
Chrysene	1.4	0.13	mg/Kg	2.00	06/01/2004 13:05	
Di-n-octyl phthalate	ND	0.34	mg/Kg	2.00	06/01/2004 13:05	
Benzo(b)fluoranthene	2.7	0.13	mg/Kg	2.00	06/01/2004 13:05	
Benzo(k)fluoranthene	ND	0.13	mg/Kg	2.00	06/01/2004 13:05	

Semi-volatile analysis by GC/MS - EPA8270C

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Project: 869-4A
Milpitas Sewage (Mil. Sewage)

Received: 05/25/2004 17:53

Prep(s):	3550B/8270C	Test(s):	8270C
Sample ID:	**BLD-8B**	Lab ID:	2004-05-0900 - 9
Sampled:	05/24/2004	Extracted:	5/28/2004 08:03
Matrix:	Soil	QC Batch#:	2004/05/28-01.11

Compound	Conc.	RL	Unit	Dilution	Analyzed	Flag
Benzo(a)pyrene	1.2	0.13	mg/Kg	2.00	06/01/2004 13:05	
Indeno(1,2,3-c,d)pyrene	0.76	0.13	mg/Kg	2.00	06/01/2004 13:05	
Dibenzo(a,h)anthracene	0.29	0.13	mg/Kg	2.00	06/01/2004 13:05	
Benzo(g,h,i)perylene	0.98	0.13	mg/Kg	2.00	06/01/2004 13:05	
Benzoic acid	ND	0.66	mg/Kg	2.00	06/01/2004 13:05	
Surrogate(s)						
Nitrobenzene-d5	27.0	23-120	%	2.00	06/01/2004 13:05	
2-Fluorobiphenyl	40.9	30-115	%	2.00	06/01/2004 13:05	
p-Terphenyl-d14	100.2	18-137	%	2.00	06/01/2004 13:05	
2-Fluorophenol	31.0	25-121	%	2.00	06/01/2004 13:05	
Phenol-d5	28.5	24-113	%	2.00	06/01/2004 13:05	
2,4,6-Tribromophenol	101.6	19-122	%	2.00	06/01/2004 13:05	

Semi-volatile analysis by GC/MS - EPA8270C

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Project: 869-4A
Milpitas Sewage (Mil. Sewage)

Received: 05/25/2004 17:53

Prep(s): 3510C/8270C
Test(s): 8270C
Sample ID: **BLD-9B**
Lab ID: 2004-05-0900 - 10
Sampled: 05/24/2004
Extracted: 5/28/2004 12:07
Matrix: Water
QC Batch#: 2004/05/28-04.11
Analysis Flag: rl (See Legend and Note Section)

Compound	Conc.	RL	Unit	Dilution	Analyzed	Flag
Phenol	ND	3.1	ug/L	1.56	06/01/2004 21:30	
Bis(2-chloroethyl)ether	ND	3.1	ug/L	1.56	06/01/2004 21:30	
2-Chlorophenol	ND	3.1	ug/L	1.56	06/01/2004 21:30	
1,3-Dichlorobenzene	ND	3.1	ug/L	1.56	06/01/2004 21:30	
1,4-Dichlorobenzene	ND	3.1	ug/L	1.56	06/01/2004 21:30	
Benzyl alcohol	ND	7.8	ug/L	1.56	06/01/2004 21:30	
1,2-Dichlorobenzene	ND	3.1	ug/L	1.56	06/01/2004 21:30	
2-Methylphenol	ND	3.1	ug/L	1.56	06/01/2004 21:30	
Bis(2-chloroisopropyl) ether	ND	3.1	ug/L	1.56	06/01/2004 21:30	
4-Methylphenol	ND	3.1	ug/L	1.56	06/01/2004 21:30	
N-Nitroso-di-n-propylamine	ND	3.1	ug/L	1.56	06/01/2004 21:30	
Hexachloroethane	ND	3.1	ug/L	1.56	06/01/2004 21:30	
Nitrobenzene	ND	3.1	ug/L	1.56	06/01/2004 21:30	
Isophorone	ND	3.1	ug/L	1.56	06/01/2004 21:30	
2-Nitrophenol	ND	3.1	ug/L	1.56	06/01/2004 21:30	
2,4-Dimethylphenol	ND	3.1	ug/L	1.56	06/01/2004 21:30	
Bis(2-chloroethoxy) methane	ND	7.8	ug/L	1.56	06/01/2004 21:30	
2,4-Dichlorophenol	ND	3.1	ug/L	1.56	06/01/2004 21:30	
1,2,4-Trichlorobenzene	ND	3.1	ug/L	1.56	06/01/2004 21:30	
Naphthalene	ND	3.1	ug/L	1.56	06/01/2004 21:30	
4-Chloroaniline	ND	3.1	ug/L	1.56	06/01/2004 21:30	
Hexachlorobutadiene	ND	3.1	ug/L	1.56	06/01/2004 21:30	
4-Chloro-3-methylphenol	ND	7.8	ug/L	1.56	06/01/2004 21:30	
2-Methylnaphthalene	ND	3.1	ug/L	1.56	06/01/2004 21:30	
Hexachlorocyclopentadiene	ND	7.8	ug/L	1.56	06/01/2004 21:30	
2,4,6-Trichlorophenol	ND	3.1	ug/L	1.56	06/01/2004 21:30	
2,4,5-Trichlorophenol	ND	3.1	ug/L	1.56	06/01/2004 21:30	
2-Chloronaphthalene	ND	3.1	ug/L	1.56	06/01/2004 21:30	
2-Nitroaniline	ND	16	ug/L	1.56	06/01/2004 21:30	

Semi-volatile analysis by GC/MS - EPA8270C

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Project: 869-4A
Milpitas Sewage (Mil. Sewage)

Received: 05/25/2004 17:53

Prep(s): 3510C/8270C
Test(s): 8270C
Sample ID: **BLD-9B**
Lab ID: 2004-05-0900 - 10
Sampled: 05/24/2004
Extracted: 5/28/2004 12:07
Matrix: Water
QC Batch#: 2004/05/28-04.11
Analysis Flag: rl (See Legend and Note Section)

Compound	Conc.	RL	Unit	Dilution	Analyzed	Flag
Dimethyl phthalate	ND	7.8	ug/L	1.56	06/01/2004 21:30	
Acenaphthylene	ND	3.1	ug/L	1.56	06/01/2004 21:30	
3-Nitroaniline	ND	3.1	ug/L	1.56	06/01/2004 21:30	
Acenaphthene	ND	3.1	ug/L	1.56	06/01/2004 21:30	
2,4-Dinitrophenol	ND	16	ug/L	1.56	06/01/2004 21:30	
4-Nitrophenol	ND	16	ug/L	1.56	06/01/2004 21:30	
Dibenzofuran	ND	3.1	ug/L	1.56	06/01/2004 21:30	
2,4-Dinitrotoluene	ND	3.1	ug/L	1.56	06/01/2004 21:30	
2,6-Dinitrotoluene	ND	7.8	ug/L	1.56	06/01/2004 21:30	
Diethyl phthalate	ND	7.8	ug/L	1.56	06/01/2004 21:30	
4-Chlorophenyl phenyl ether	ND	7.8	ug/L	1.56	06/01/2004 21:30	
Fluorene	ND	3.1	ug/L	1.56	06/01/2004 21:30	
4-Nitroaniline	ND	16	ug/L	1.56	06/01/2004 21:30	
2-Methyl-4,6-dinitrophenol	ND	16	ug/L	1.56	06/01/2004 21:30	
N-Nitrosodiphenylamine	ND	3.1	ug/L	1.56	06/01/2004 21:30	
4-Bromophenyl phenyl ether	ND	7.8	ug/L	1.56	06/01/2004 21:30	
Hexachlorobenzene	ND	3.1	ug/L	1.56	06/01/2004 21:30	
Pentachlorophenol	ND	16	ug/L	1.56	06/01/2004 21:30	
Phenanthrene	ND	3.1	ug/L	1.56	06/01/2004 21:30	
Anthracene	ND	3.1	ug/L	1.56	06/01/2004 21:30	
Di-n-butyl phthalate	ND	7.8	ug/L	1.56	06/01/2004 21:30	
Fluoranthene	ND	3.1	ug/L	1.56	06/01/2004 21:30	
Pyrene	ND	3.1	ug/L	1.56	06/01/2004 21:30	
Butyl benzyl phthalate	ND	7.8	ug/L	1.56	06/01/2004 21:30	
3,3-Dichlorobenzidine	ND	7.8	ug/L	1.56	06/01/2004 21:30	
Benzo(a)anthracene	ND	3.1	ug/L	1.56	06/01/2004 21:30	
bis(2-Ethylhexyl) phthalate	ND	16	ug/L	1.56	06/01/2004 21:30	
Chrysene	ND	3.1	ug/L	1.56	06/01/2004 21:30	
Di-n-octyl phthalate	ND	7.8	ug/L	1.56	06/01/2004 21:30	

Semi-volatile analysis by GC/MS - EPA8270C

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Project: 869-4A
Milpitas Sewage (Mil. Sewage)

Received: 05/25/2004 17:53

Prep(s): 3510C/8270C
Test(s): 8270C
Sample ID: **BLD-9B**
Lab ID: 2004-05-0900 - 10
Sampled: 05/24/2004
Extracted: 5/28/2004 12:07
Matrix: Water
QC Batch#: 2004/05/28-04.11
Analysis Flag: rl (See Legend and Note Section)

Compound	Conc.	RL	Unit	Dilution	Analyzed	Flag
Benzo(b)fluoranthene	ND	3.1	ug/L	1.56	06/01/2004 21:30	
Benzo(k)fluoranthene	ND	3.1	ug/L	1.56	06/01/2004 21:30	
Benzo(a)pyrene	ND	3.1	ug/L	1.56	06/01/2004 21:30	
Indeno(1,2,3-c,d)pyrene	ND	3.1	ug/L	1.56	06/01/2004 21:30	
Dibenzo(a,h)anthracene	ND	3.1	ug/L	1.56	06/01/2004 21:30	
Benzo(g,h,i)perylene	ND	3.1	ug/L	1.56	06/01/2004 21:30	
Benzoic acid	ND	16	ug/L	1.56	06/01/2004 21:30	
Surrogate(s)						
Nitrobenzene-d5	62.3	35-114	%	1.56	06/01/2004 21:30	
2-Fluorobiphenyl	72.2	43-116	%	1.56	06/01/2004 21:30	
p-Terphenyl-d14	68.3	33-141	%	1.56	06/01/2004 21:30	
2-Fluorophenol	66.7	25-100	%	1.56	06/01/2004 21:30	
Phenol-d5	70.1	10-110	%	1.56	06/01/2004 21:30	
2,4,6-Tribromophenol	106.6	10-123	%	1.56	06/01/2004 21:30	

Semi-volatile analysis by GC/MS - EPA8270C

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Project: 869-4A
Milpitas Sewage (Mil. Sewage)

Received: 05/25/2004 17:53

Prep(s): 3550B/8270C
Test(s): 8270C
Sample ID: **BLD-9B**
Lab ID: 2004-05-0900 - 11
Sampled: 05/24/2004
Extracted: 5/28/2004 08:03
Matrix: Soil
QC Batch#: 2004/05/28-01.11
Analysis Flag: sdo (See Legend and Note Section)

Compound	Conc.	RL	Unit	Dilution	Analyzed	Flag
Phenol	ND	1.7	mg/Kg	25.00	05/30/2004 11:14	
Bis(2-chloroethyl)ether	ND	1.7	mg/Kg	25.00	05/30/2004 11:14	
2-Chlorophenol	ND	1.7	mg/Kg	25.00	05/30/2004 11:14	
1,3-Dichlorobenzene	ND	1.7	mg/Kg	25.00	05/30/2004 11:14	
1,4-Dichlorobenzene	ND	1.7	mg/Kg	25.00	05/30/2004 11:14	
Benzyl alcohol	ND	4.3	mg/Kg	25.00	05/30/2004 11:14	
1,2-Dichlorobenzene	ND	1.7	mg/Kg	25.00	05/30/2004 11:14	
2-Methylphenol	ND	1.7	mg/Kg	25.00	05/30/2004 11:14	
Bis(2-chloroisopropyl) ether	ND	1.7	mg/Kg	25.00	05/30/2004 11:14	
4-Methylphenol	ND	1.7	mg/Kg	25.00	05/30/2004 11:14	
N-Nitroso-di-n-propylamine	ND	1.7	mg/Kg	25.00	05/30/2004 11:14	
Hexachloroethane	ND	1.7	mg/Kg	25.00	05/30/2004 11:14	
Nitrobenzene	ND	1.7	mg/Kg	25.00	05/30/2004 11:14	
Isophorone	ND	1.7	mg/Kg	25.00	05/30/2004 11:14	
2-Nitrophenol	ND	1.7	mg/Kg	25.00	05/30/2004 11:14	
2,4-Dimethylphenol	ND	1.7	mg/Kg	25.00	05/30/2004 11:14	
Bis(2-chloroethoxy) methane	ND	4.3	mg/Kg	25.00	05/30/2004 11:14	
2,4-Dichlorophenol	ND	1.7	mg/Kg	25.00	05/30/2004 11:14	
1,2,4-Trichlorobenzene	ND	1.7	mg/Kg	25.00	05/30/2004 11:14	
Naphthalene	ND	1.7	mg/Kg	25.00	05/30/2004 11:14	
4-Chloroaniline	ND	8.3	mg/Kg	25.00	05/30/2004 11:14	
Hexachlorobutadiene	ND	1.7	mg/Kg	25.00	05/30/2004 11:14	
4-Chloro-3-methylphenol	ND	4.3	mg/Kg	25.00	05/30/2004 11:14	
2-Methylnaphthalene	ND	1.7	mg/Kg	25.00	05/30/2004 11:14	
Hexachlorocyclopentadiene	ND	4.3	mg/Kg	25.00	05/30/2004 11:14	
2,4,6-Trichlorophenol	ND	1.7	mg/Kg	25.00	05/30/2004 11:14	
2,4,5-Trichlorophenol	ND	1.7	mg/Kg	25.00	05/30/2004 11:14	
2-Chloronaphthalene	ND	1.7	mg/Kg	25.00	05/30/2004 11:14	
2-Nitroaniline	ND	8.3	mg/Kg	25.00	05/30/2004 11:14	

Semi-volatile analysis by GC/MS - EPA8270C

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Project: 869-4A
Milpitas Sewage (Mil. Sewage)

Received: 05/25/2004 17:53

Prep(s): 3550B/8270C
Test(s): 8270C
Sample ID: **BLD-9B**
Lab ID: 2004-05-0900 - 11
Sampled: 05/24/2004
Extracted: 5/28/2004 08:03
Matrix: Soil
QC Batch#: 2004/05/28-01.11
Analysis Flag: sdo (See Legend and Note Section)

Compound	Conc.	RL	Unit	Dilution	Analyzed	Flag
Dimethyl phthalate	ND	4.3	mg/Kg	25.00	05/30/2004 11:14	
Acenaphthylene	ND	1.7	mg/Kg	25.00	05/30/2004 11:14	
3-Nitroaniline	ND	1.7	mg/Kg	25.00	05/30/2004 11:14	
Acenaphthene	ND	1.7	mg/Kg	25.00	05/30/2004 11:14	
2,4-Dinitrophenol	ND	8.3	mg/Kg	25.00	05/30/2004 11:14	
4-Nitrophenol	ND	8.3	mg/Kg	25.00	05/30/2004 11:14	
Dibenzofuran	ND	1.7	mg/Kg	25.00	05/30/2004 11:14	
2,4-Dinitrotoluene	ND	1.7	mg/Kg	25.00	05/30/2004 11:14	
2,6-Dinitrotoluene	ND	1.7	mg/Kg	25.00	05/30/2004 11:14	
Diethyl phthalate	ND	4.3	mg/Kg	25.00	05/30/2004 11:14	
4-Chlorophenyl phenyl ether	ND	4.3	mg/Kg	25.00	05/30/2004 11:14	
Fluorene	ND	1.7	mg/Kg	25.00	05/30/2004 11:14	
4-Nitroaniline	ND	8.3	mg/Kg	25.00	05/30/2004 11:14	
2-Methyl-4,6-dinitrophenol	ND	8.3	mg/Kg	25.00	05/30/2004 11:14	
N-Nitrosodiphenylamine	ND	1.7	mg/Kg	25.00	05/30/2004 11:14	
4-Bromophenyl phenyl ether	ND	4.3	mg/Kg	25.00	05/30/2004 11:14	
Hexachlorobenzene	ND	1.7	mg/Kg	25.00	05/30/2004 11:14	
Pentachlorophenol	ND	8.3	mg/Kg	25.00	05/30/2004 11:14	
Phenanthrene	ND	1.7	mg/Kg	25.00	05/30/2004 11:14	
Anthracene	ND	1.7	mg/Kg	25.00	05/30/2004 11:14	
Di-n-butyl phthalate	ND	4.3	mg/Kg	25.00	05/30/2004 11:14	
Fluoranthene	2.1	1.7	mg/Kg	25.00	05/30/2004 11:14	
Pyrene	ND	1.7	mg/Kg	25.00	05/30/2004 11:14	
Butyl benzyl phthalate	ND	4.3	mg/Kg	25.00	05/30/2004 11:14	
3,3-Dichlorobenzidine	ND	4.3	mg/Kg	25.00	05/30/2004 11:14	
Benzo(a)anthracene	ND	1.7	mg/Kg	25.00	05/30/2004 11:14	
bis(2-Ethylhexyl) phthalate	ND	8.3	mg/Kg	25.00	05/30/2004 11:14	
Chrysene	ND	1.7	mg/Kg	25.00	05/30/2004 11:14	
Di-n-octyl phthalate	ND	4.3	mg/Kg	25.00	05/30/2004 11:14	

Semi-volatile analysis by GC/MS - EPA8270C

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Project: 869-4A
Milpitas Sewage (Mil. Sewage)

Received: 05/25/2004 17:53

Prep(s): 3550B/8270C
Test(s): 8270C
Sample ID: **BLD-9B**
Lab ID: 2004-05-0900 - 11
Sampled: 05/24/2004
Extracted: 5/28/2004 08:03
Matrix: Soil
QC Batch#: 2004/05/28-01.11
Analysis Flag: sdo (See Legend and Note Section)

Compound	Conc.	RL	Unit	Dilution	Analyzed	Flag
Benzo(b)fluoranthene	2.6	1.7	mg/Kg	25.00	05/30/2004 11:14	
Benzo(k)fluoranthene	ND	1.7	mg/Kg	25.00	05/30/2004 11:14	
Benzo(a)pyrene	ND	1.7	mg/Kg	25.00	05/30/2004 11:14	
Indeno(1,2,3-c,d)pyrene	ND	1.7	mg/Kg	25.00	05/30/2004 11:14	
Dibenzo(a,h)anthracene	ND	1.7	mg/Kg	25.00	05/30/2004 11:14	
Benzo(g,h,i)perylene	ND	1.7	mg/Kg	25.00	05/30/2004 11:14	
Benzoic acid	ND	8.3	mg/Kg	25.00	05/30/2004 11:14	
Surrogate(s)						
Nitrobenzene-d5	NA	23-120	%	25.00	05/30/2004 11:14	
2-Fluorobiphenyl	NA	30-115	%	25.00	05/30/2004 11:14	
p-Terphenyl-d14	NA	18-137	%	25.00	05/30/2004 11:14	
2-Fluorophenol	NA	25-121	%	25.00	05/30/2004 11:14	
Phenol-d5	NA	24-113	%	25.00	05/30/2004 11:14	
2,4,6-Tribromophenol	NA	19-122	%	25.00	05/30/2004 11:14	

Semi-volatile analysis by GC/MS - EPA8270C

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Project: 869-4A
Milpitas Sewage (Mil. Sewage)

Received: 05/25/2004 17:53

Prep(s): 3510C/8270C
Test(s): 8270C
Sample ID: **BLD-9C**
Lab ID: 2004-05-0900 - 12
Sampled: 05/24/2004
Extracted: 5/28/2004 12:07
Matrix: Water
QC Batch#: 2004/05/28-04.11
Analysis Flag: rl (See Legend and Note Section)

Compound	Conc.	RL	Unit	Dilution	Analyzed	Flag
Phenol	ND	3.6	ug/L	1.79	06/01/2004 21:59	
Bis(2-chloroethyl)ether	ND	3.6	ug/L	1.79	06/01/2004 21:59	
2-Chlorophenol	ND	3.6	ug/L	1.79	06/01/2004 21:59	
1,3-Dichlorobenzene	ND	3.6	ug/L	1.79	06/01/2004 21:59	
1,4-Dichlorobenzene	ND	3.6	ug/L	1.79	06/01/2004 21:59	
Benzyl alcohol	ND	8.9	ug/L	1.79	06/01/2004 21:59	
1,2-Dichlorobenzene	ND	3.6	ug/L	1.79	06/01/2004 21:59	
2-Methylphenol	ND	3.6	ug/L	1.79	06/01/2004 21:59	
Bis(2-chloroisopropyl) ether	ND	3.6	ug/L	1.79	06/01/2004 21:59	
4-Methylphenol	ND	3.6	ug/L	1.79	06/01/2004 21:59	
N-Nitroso-di-n-propylamine	ND	3.6	ug/L	1.79	06/01/2004 21:59	
Hexachloroethane	ND	3.6	ug/L	1.79	06/01/2004 21:59	
Nitrobenzene	ND	3.6	ug/L	1.79	06/01/2004 21:59	
Isophorone	ND	3.6	ug/L	1.79	06/01/2004 21:59	
2-Nitrophenol	ND	3.6	ug/L	1.79	06/01/2004 21:59	
2,4-Dimethylphenol	ND	3.6	ug/L	1.79	06/01/2004 21:59	
Bis(2-chloroethoxy) methane	ND	8.9	ug/L	1.79	06/01/2004 21:59	
2,4-Dichlorophenol	ND	3.6	ug/L	1.79	06/01/2004 21:59	
1,2,4-Trichlorobenzene	ND	3.6	ug/L	1.79	06/01/2004 21:59	
Naphthalene	ND	3.6	ug/L	1.79	06/01/2004 21:59	
4-Chloroaniline	ND	3.6	ug/L	1.79	06/01/2004 21:59	
Hexachlorobutadiene	ND	3.6	ug/L	1.79	06/01/2004 21:59	
4-Chloro-3-methylphenol	ND	8.9	ug/L	1.79	06/01/2004 21:59	
2-Methylnaphthalene	ND	3.6	ug/L	1.79	06/01/2004 21:59	
Hexachlorocyclopentadiene	ND	8.9	ug/L	1.79	06/01/2004 21:59	
2,4,6-Trichlorophenol	ND	3.6	ug/L	1.79	06/01/2004 21:59	
2,4,5-Trichlorophenol	ND	3.6	ug/L	1.79	06/01/2004 21:59	
2-Chloronaphthalene	ND	3.6	ug/L	1.79	06/01/2004 21:59	
2-Nitroaniline	ND	18	ug/L	1.79	06/01/2004 21:59	

SEVERN TRENT STL

Submission #: 2004-05-0900

Semi-volatile analysis by GC/MS - EPA8270C

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Project: 869-4A
Milpitas Sewage (Mil. Sewage)

Received: 05/25/2004 17:53

Prep(s): 3510C/8270C
Test(s): 8270C
Sample ID: **BLD-9C**
Lab ID: 2004-05-0900 - 12
Sampled: 05/24/2004
Extracted: 5/28/2004 12:07
Matrix: Water
QC Batch#: 2004/05/28-04.11
Analysis Flag: rl (See Legend and Note Section)

Compound	Conc.	RL	Unit	Dilution	Analyzed	Flag
Dimethyl phthalate	ND	8.9	ug/L	1.79	06/01/2004 21:59	
Acenaphthylene	ND	3.6	ug/L	1.79	06/01/2004 21:59	
3-Nitroaniline	ND	3.6	ug/L	1.79	06/01/2004 21:59	
Acenaphthene	ND	3.6	ug/L	1.79	06/01/2004 21:59	
2,4-Dinitrophenol	ND	18	ug/L	1.79	06/01/2004 21:59	
4-Nitrophenol	ND	18	ug/L	1.79	06/01/2004 21:59	
Dibenzofuran	ND	3.6	ug/L	1.79	06/01/2004 21:59	
2,4-Dinitrotoluene	ND	3.6	ug/L	1.79	06/01/2004 21:59	
2,6-Dinitrotoluene	ND	8.9	ug/L	1.79	06/01/2004 21:59	
Diethyl phthalate	ND	8.9	ug/L	1.79	06/01/2004 21:59	
4-Chlorophenyl phenyl ether	ND	8.9	ug/L	1.79	06/01/2004 21:59	
Fluorene	ND	3.6	ug/L	1.79	06/01/2004 21:59	
4-Nitroaniline	ND	18	ug/L	1.79	06/01/2004 21:59	
2-Methyl-4,6-dinitrophenol	ND	18	ug/L	1.79	06/01/2004 21:59	
N-Nitrosodiphenylamine	ND	3.6	ug/L	1.79	06/01/2004 21:59	
4-Bromophenyl phenyl ether	ND	8.9	ug/L	1.79	06/01/2004 21:59	
Hexachlorobenzene	ND	3.6	ug/L	1.79	06/01/2004 21:59	
Pentachlorophenol	ND	18	ug/L	1.79	06/01/2004 21:59	
Phenanthrene	ND	3.6	ug/L	1.79	06/01/2004 21:59	
Anthracene	ND	3.6	ug/L	1.79	06/01/2004 21:59	
Di-n-butyl phthalate	ND	8.9	ug/L	1.79	06/01/2004 21:59	
Fluoranthene	ND	3.6	ug/L	1.79	06/01/2004 21:59	
Pyrene	ND	3.6	ug/L	1.79	06/01/2004 21:59	
Butyl benzyl phthalate	ND	8.9	ug/L	1.79	06/01/2004 21:59	
3,3-Dichlorobenzidine	ND	8.9	ug/L	1.79	06/01/2004 21:59	
Benzo(a)anthracene	ND	3.6	ug/L	1.79	06/01/2004 21:59	
bis(2-Ethylhexyl) phthalate	ND	18	ug/L	1.79	06/01/2004 21:59	
Chrysene	ND	3.6	ug/L	1.79	06/01/2004 21:59	
Di-n-octyl phthalate	ND	8.9	ug/L	1.79	06/01/2004 21:59	

Semi-volatile analysis by GC/MS - EPA8270C

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Project: 869-4A
Milpitas Sewage (Mil. Sewage)

Received: 05/25/2004 17:53

Prep(s): 3510C/8270C
Sample ID: **BLD-9C**
Sampled: 05/24/2004
Matrix: Water

Test(s): 8270C
Lab ID: 2004-05-0900 - 12
Extracted: 5/28/2004 12:07
QC Batch#: 2004/05/28-04.11

Analysis Flag: rl (See Legend and Note Section)

Compound	Conc.	RL	Unit	Dilution	Analyzed	Flag
Benzo(b)fluoranthene	ND	3.6	ug/L	1.79	06/01/2004 21:59	
Benzo(k)fluoranthene	ND	3.6	ug/L	1.79	06/01/2004 21:59	
Benzo(a)pyrene	ND	3.6	ug/L	1.79	06/01/2004 21:59	
Indeno(1,2,3-c,d)pyrene	ND	3.6	ug/L	1.79	06/01/2004 21:59	
Dibenzo(a,h)anthracene	ND	3.6	ug/L	1.79	06/01/2004 21:59	
Benzo(g,h,i)perylene	ND	3.6	ug/L	1.79	06/01/2004 21:59	
Benzoic acid	ND	18	ug/L	1.79	06/01/2004 21:59	
Surrogate(s)						
Nitrobenzene-d5	67.9	35-114	%	1.79	06/01/2004 21:59	
2-Fluorobiphenyl	65.5	43-116	%	1.79	06/01/2004 21:59	
p-Terphenyl-d14	82.7	33-141	%	1.79	06/01/2004 21:59	
2-Fluorophenol	44.9	25-100	%	1.79	06/01/2004 21:59	
Phenol-d5	52.3	10-110	%	1.79	06/01/2004 21:59	
2,4,6-Tribromophenol	34.6	10-123	%	1.79	06/01/2004 21:59	

Semi-volatile analysis by GC/MS - EPA8270C

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Attn.: Stason Foster

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Project: 869-4A
Milpitas Sewage (Mil. Sewage)

Received: 05/25/2004 17:53

Prep(s): 3550B/8270C
Sample ID: **BLD-9C**
Sampled: 05/24/2004
Matrix: Soil

Test(s): 8270C
Lab ID: 2004-05-0900 - 13
Extracted: 5/28/2004 08:03
QC Batch#: 2004/05/28-01.11

Analysis Flag: sdo (See Legend and Note Section)

Compound	Conc.	RL	Unit	Dilution	Analyzed	Flag
Phenol	ND	2.7	mg/Kg	40.00	06/01/2004 13:34	
Bis(2-chloroethyl)ether	ND	2.7	mg/Kg	40.00	06/01/2004 13:34	
2-Chlorophenol	ND	2.7	mg/Kg	40.00	06/01/2004 13:34	
1,3-Dichlorobenzene	ND	2.7	mg/Kg	40.00	06/01/2004 13:34	
1,4-Dichlorobenzene	ND	2.7	mg/Kg	40.00	06/01/2004 13:34	
Benzyl alcohol	ND	6.8	mg/Kg	40.00	06/01/2004 13:34	
1,2-Dichlorobenzene	ND	2.7	mg/Kg	40.00	06/01/2004 13:34	
2-Methylphenol	ND	2.7	mg/Kg	40.00	06/01/2004 13:34	
Bis(2-chloroisopropyl) ether	ND	2.7	mg/Kg	40.00	06/01/2004 13:34	
4-Methylphenol	ND	2.7	mg/Kg	40.00	06/01/2004 13:34	
N-Nitroso-di-n-propylamine	ND	2.7	mg/Kg	40.00	06/01/2004 13:34	
Hexachloroethane	ND	2.7	mg/Kg	40.00	06/01/2004 13:34	
Nitrobenzene	ND	2.7	mg/Kg	40.00	06/01/2004 13:34	
Isophorone	ND	2.7	mg/Kg	40.00	06/01/2004 13:34	
2-Nitrophenol	ND	2.7	mg/Kg	40.00	06/01/2004 13:34	
2,4-Dimethylphenol	ND	2.7	mg/Kg	40.00	06/01/2004 13:34	
Bis(2-chloroethoxy) methane	ND	6.8	mg/Kg	40.00	06/01/2004 13:34	
2,4-Dichlorophenol	ND	2.7	mg/Kg	40.00	06/01/2004 13:34	
1,2,4-Trichlorobenzene	ND	2.7	mg/Kg	40.00	06/01/2004 13:34	
Naphthalene	ND	2.7	mg/Kg	40.00	06/01/2004 13:34	
4-Chloroaniline	ND	13	mg/Kg	40.00	06/01/2004 13:34	
Hexachlorobutadiene	ND	2.7	mg/Kg	40.00	06/01/2004 13:34	
4-Chloro-3-methylphenol	ND	6.8	mg/Kg	40.00	06/01/2004 13:34	
2-Methylnaphthalene	ND	2.7	mg/Kg	40.00	06/01/2004 13:34	
Hexachlorocyclopentadiene	ND	6.8	mg/Kg	40.00	06/01/2004 13:34	
2,4,6-Trichlorophenol	ND	2.7	mg/Kg	40.00	06/01/2004 13:34	
2,4,5-Trichlorophenol	ND	2.7	mg/Kg	40.00	06/01/2004 13:34	
2-Chloronaphthalene	ND	2.7	mg/Kg	40.00	06/01/2004 13:34	
2-Nitroaniline	ND	13	mg/Kg	40.00	06/01/2004 13:34	

Semi-volatile analysis by GC/MS - EPA8270C

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Project: 869-4A
Milpitas Sewage (Mil. Sewage)

Received: 05/25/2004 17:53

Prep(s): 3550B/8270C
Test(s): 8270C
Sample ID: **BLD-9C**
Lab ID: 2004-05-0900 - 13
Sampled: 05/24/2004
Extracted: 5/28/2004 08:03
Matrix: Soil
QC Batch#: 2004/05/28-01.11
Analysis Flag: sdo (See Legend and Note Section)

Compound	Conc.	RL	Unit	Dilution	Analyzed	Flag
Dimethyl phthalate	ND	6.8	mg/Kg	40.00	06/01/2004 13:34	
Acenaphthylene	ND	2.7	mg/Kg	40.00	06/01/2004 13:34	
3-Nitroaniline	ND	2.7	mg/Kg	40.00	06/01/2004 13:34	
Acenaphthene	ND	2.7	mg/Kg	40.00	06/01/2004 13:34	
2,4-Dinitrophenol	ND	13	mg/Kg	40.00	06/01/2004 13:34	
4-Nitrophenol	ND	13	mg/Kg	40.00	06/01/2004 13:34	
Dibenzofuran	ND	2.7	mg/Kg	40.00	06/01/2004 13:34	
2,4-Dinitrotoluene	ND	2.7	mg/Kg	40.00	06/01/2004 13:34	
2,6-Dinitrotoluene	ND	2.7	mg/Kg	40.00	06/01/2004 13:34	
Diethyl phthalate	ND	6.8	mg/Kg	40.00	06/01/2004 13:34	
4-Chlorophenyl phenyl ether	ND	6.8	mg/Kg	40.00	06/01/2004 13:34	
Fluorene	ND	2.7	mg/Kg	40.00	06/01/2004 13:34	
4-Nitroaniline	ND	13	mg/Kg	40.00	06/01/2004 13:34	
2-Methyl-4,6-dinitrophenol	ND	13	mg/Kg	40.00	06/01/2004 13:34	
N-Nitrosodiphenylamine	ND	2.7	mg/Kg	40.00	06/01/2004 13:34	
4-Bromophenyl phenyl ether	ND	6.8	mg/Kg	40.00	06/01/2004 13:34	
Hexachlorobenzene	ND	2.7	mg/Kg	40.00	06/01/2004 13:34	
Pentachlorophenol	ND	13	mg/Kg	40.00	06/01/2004 13:34	
Phenanthrene	27	2.7	mg/Kg	40.00	06/01/2004 13:34	
Anthracene	ND	2.7	mg/Kg	40.00	06/01/2004 13:34	
Di-n-butyl phthalate	ND	6.8	mg/Kg	40.00	06/01/2004 13:34	
Fluoranthene	49	2.7	mg/Kg	40.00	06/01/2004 13:34	
Pyrene	32	2.7	mg/Kg	40.00	06/01/2004 13:34	
Butyl benzyl phthalate	ND	6.8	mg/Kg	40.00	06/01/2004 13:34	
3,3-Dichlorobenzidine	ND	6.8	mg/Kg	40.00	06/01/2004 13:34	
Benzo(a)anthracene	14	2.7	mg/Kg	40.00	06/01/2004 13:34	
bis(2-Ethylhexyl) phthalate	ND	13	mg/Kg	40.00	06/01/2004 13:34	
Chrysene	11	2.7	mg/Kg	40.00	06/01/2004 13:34	
Di-n-octyl phthalate	ND	6.8	mg/Kg	40.00	06/01/2004 13:34	

Semi-volatile analysis by GC/MS - EPA8270C

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Project: 869-4A
Milpitas Sewage (Mil. Sewage)

Received: 05/25/2004 17:53

Prep(s): 3550B/8270C
Test(s): 8270C
Sample ID: **BLD-9C**
Lab ID: 2004-05-0900 - 13
Sampled: 05/24/2004
Extracted: 5/28/2004 08:03
Matrix: Soil
QC Batch#: 2004/05/28-01.11
Analysis Flag: sdo (See Legend and Note Section)

Compound	Conc.	RL	Unit	Dilution	Analyzed	Flag
Benzo(b)fluoranthene	7.7	2.7	mg/Kg	40.00	06/01/2004 13:34	
Benzo(k)fluoranthene	7.1	2.7	mg/Kg	40.00	06/01/2004 13:34	
Benzo(a)pyrene	6.4	2.7	mg/Kg	40.00	06/01/2004 13:34	
Indeno(1,2,3-c,d)pyrene	2.9	2.7	mg/Kg	40.00	06/01/2004 13:34	
Dibenzo(a,h)anthracene	ND	2.7	mg/Kg	40.00	06/01/2004 13:34	
Benzo(g,h,i)perylene	4.2	2.7	mg/Kg	40.00	06/01/2004 13:34	
Benzoic acid	ND	13	mg/Kg	40.00	06/01/2004 13:34	
Surrogate(s)						
Nitrobenzene-d5	NA	23-120	%	40.00	06/01/2004 13:34	
2-Fluorobiphenyl	NA	30-115	%	40.00	06/01/2004 13:34	
p-Terphenyl-d14	NA	18-137	%	40.00	06/01/2004 13:34	
2-Fluorophenol	NA	25-121	%	40.00	06/01/2004 13:34	
Phenol-d5	NA	24-113	%	40.00	06/01/2004 13:34	
2,4,6-Tribromophenol	NA	19-122	%	40.00	06/01/2004 13:34	

Semi-volatile analysis by GC/MS - EPA8270C

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Project: 869-4A
Milpitas Sewage (Mil. Sewage)

Received: 05/25/2004 17:53

Prep(s): 3510C/8270C
Test(s): 8270C
Sample ID: **BLD-10A**
Lab ID: 2004-05-0900 - 14
Sampled: 05/24/2004
Extracted: 5/28/2004 12:07
Matrix: Water
QC Batch#: 2004/05/28-04.11
Analysis Flag: rl (See Legend and Note Section)

Compound	Conc.	RL	Unit	Dilution	Analyzed	Flag
Phenol	ND	3.0	ug/L	1.49	06/01/2004 22:28	
Bis(2-chloroethyl)ether	ND	3.0	ug/L	1.49	06/01/2004 22:28	
2-Chlorophenol	ND	3.0	ug/L	1.49	06/01/2004 22:28	
1,3-Dichlorobenzene	ND	3.0	ug/L	1.49	06/01/2004 22:28	
1,4-Dichlorobenzene	ND	3.0	ug/L	1.49	06/01/2004 22:28	
Benzyl alcohol	ND	7.5	ug/L	1.49	06/01/2004 22:28	
1,2-Dichlorobenzene	ND	3.0	ug/L	1.49	06/01/2004 22:28	
2-Methylphenol	ND	3.0	ug/L	1.49	06/01/2004 22:28	
Bis(2-chloroisopropyl) ether	ND	3.0	ug/L	1.49	06/01/2004 22:28	
4-Methylphenol	ND	3.0	ug/L	1.49	06/01/2004 22:28	
N-Nitroso-di-n-propylamine	ND	3.0	ug/L	1.49	06/01/2004 22:28	
Hexachloroethane	ND	3.0	ug/L	1.49	06/01/2004 22:28	
Nitrobenzene	ND	3.0	ug/L	1.49	06/01/2004 22:28	
Isophorone	ND	3.0	ug/L	1.49	06/01/2004 22:28	
2-Nitrophenol	ND	3.0	ug/L	1.49	06/01/2004 22:28	
2,4-Dimethylphenol	ND	3.0	ug/L	1.49	06/01/2004 22:28	
Bis(2-chloroethoxy) methane	ND	7.5	ug/L	1.49	06/01/2004 22:28	
2,4-Dichlorophenol	ND	3.0	ug/L	1.49	06/01/2004 22:28	
1,2,4-Trichlorobenzene	ND	3.0	ug/L	1.49	06/01/2004 22:28	
Naphthalene	ND	3.0	ug/L	1.49	06/01/2004 22:28	
4-Chloroaniline	ND	3.0	ug/L	1.49	06/01/2004 22:28	
Hexachlorobutadiene	ND	3.0	ug/L	1.49	06/01/2004 22:28	
4-Chloro-3-methylphenol	ND	7.5	ug/L	1.49	06/01/2004 22:28	
2-Methylnaphthalene	ND	3.0	ug/L	1.49	06/01/2004 22:28	
Hexachlorocyclopentadiene	ND	7.5	ug/L	1.49	06/01/2004 22:28	
2,4,6-Trichlorophenol	ND	3.0	ug/L	1.49	06/01/2004 22:28	
2,4,5-Trichlorophenol	ND	3.0	ug/L	1.49	06/01/2004 22:28	
2-Chloronaphthalene	ND	3.0	ug/L	1.49	06/01/2004 22:28	
2-Nitroaniline	ND	15	ug/L	1.49	06/01/2004 22:28	

SEVERN TRENT STL

Submission #: 2004-05-0900

Semi-volatile analysis by GC/MS - EPA8270C

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Project: 869-4A
Milpitas Sewage (Mil. Sewage)

Received: 05/25/2004 17:53

Prep(s): 3510C/8270C
Test(s): 8270C
Sample ID: **BLD-10A**
Lab ID: 2004-05-0900 - 14
Sampled: 05/24/2004
Extracted: 5/28/2004 12:07
Matrix: Water
QC Batch#: 2004/05/28-04.11
Analysis Flag: rl (See Legend and Note Section)

Compound	Conc.	RL	Unit	Dilution	Analyzed	Flag
Dimethyl phthalate	ND	7.5	ug/L	1.49	06/01/2004 22:28	
Acenaphthylene	ND	3.0	ug/L	1.49	06/01/2004 22:28	
3-Nitroaniline	ND	3.0	ug/L	1.49	06/01/2004 22:28	
Acenaphthene	ND	3.0	ug/L	1.49	06/01/2004 22:28	
2,4-Dinitrophenol	ND	15	ug/L	1.49	06/01/2004 22:28	
4-Nitrophenol	ND	15	ug/L	1.49	06/01/2004 22:28	
Dibenzofuran	ND	3.0	ug/L	1.49	06/01/2004 22:28	
2,4-Dinitrotoluene	ND	3.0	ug/L	1.49	06/01/2004 22:28	
2,6-Dinitrotoluene	ND	7.5	ug/L	1.49	06/01/2004 22:28	
Diethyl phthalate	ND	7.5	ug/L	1.49	06/01/2004 22:28	
4-Chlorophenyl phenyl ether	ND	7.5	ug/L	1.49	06/01/2004 22:28	
Fluorene	ND	3.0	ug/L	1.49	06/01/2004 22:28	
4-Nitroaniline	ND	15	ug/L	1.49	06/01/2004 22:28	
2-Methyl-4,6-dinitrophenol	ND	15	ug/L	1.49	06/01/2004 22:28	
N-Nitrosodiphenylamine	ND	3.0	ug/L	1.49	06/01/2004 22:28	
4-Bromophenyl phenyl ether	ND	7.5	ug/L	1.49	06/01/2004 22:28	
Hexachlorobenzene	ND	3.0	ug/L	1.49	06/01/2004 22:28	
Pentachlorophenol	ND	15	ug/L	1.49	06/01/2004 22:28	
Phenanthrene	ND	3.0	ug/L	1.49	06/01/2004 22:28	
Anthracene	ND	3.0	ug/L	1.49	06/01/2004 22:28	
Di-n-butyl phthalate	ND	7.5	ug/L	1.49	06/01/2004 22:28	
Fluoranthene	ND	3.0	ug/L	1.49	06/01/2004 22:28	
Pyrene	ND	3.0	ug/L	1.49	06/01/2004 22:28	
Butyl benzyl phthalate	ND	7.5	ug/L	1.49	06/01/2004 22:28	
3,3-Dichlorobenzidine	ND	7.5	ug/L	1.49	06/01/2004 22:28	
Benzo(a)anthracene	ND	3.0	ug/L	1.49	06/01/2004 22:28	
bis(2-Ethylhexyl) phthalate	ND	15	ug/L	1.49	06/01/2004 22:28	
Chrysene	ND	3.0	ug/L	1.49	06/01/2004 22:28	
Di-n-octyl phthalate	ND	7.5	ug/L	1.49	06/01/2004 22:28	

Semi-volatile analysis by GC/MS - EPA8270C

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Project: 869-4A
Milpitas Sewage (Mil. Sewage)

Received: 05/25/2004 17:53

Prep(s): 3510C/8270C
Test(s): 8270C
Sample ID: **BLD-10A**
Lab ID: 2004-05-0900 - 14
Sampled: 05/24/2004
Extracted: 5/28/2004 12:07
Matrix: Water
QC Batch#: 2004/05/28-04.11
Analysis Flag: rl (See Legend and Note Section)

Compound	Conc.	RL	Unit	Dilution	Analyzed	Flag
Benzo(b)fluoranthene	ND	3.0	ug/L	1.49	06/01/2004 22:28	
Benzo(k)fluoranthene	ND	3.0	ug/L	1.49	06/01/2004 22:28	
Benzo(a)pyrene	ND	3.0	ug/L	1.49	06/01/2004 22:28	
Indeno(1,2,3-c,d)pyrene	ND	3.0	ug/L	1.49	06/01/2004 22:28	
Dibenzo(a,h)anthracene	ND	3.0	ug/L	1.49	06/01/2004 22:28	
Benzo(g,h,i)perylene	ND	3.0	ug/L	1.49	06/01/2004 22:28	
Benzoic acid	ND	15	ug/L	1.49	06/01/2004 22:28	
Surrogate(s)						
Nitrobenzene-d5	66.1	35-114	%	1.49	06/01/2004 22:28	
2-Fluorobiphenyl	73.5	43-116	%	1.49	06/01/2004 22:28	
p-Terphenyl-d14	81.5	33-141	%	1.49	06/01/2004 22:28	
2-Fluorophenol	54.7	25-100	%	1.49	06/01/2004 22:28	
Phenol-d5	63.0	10-110	%	1.49	06/01/2004 22:28	
2,4,6-Tribromophenol	91.6	10-123	%	1.49	06/01/2004 22:28	

Semi-volatile analysis by GC/MS - EPA8270C

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Project: 869-4A
Milpitas Sewage (Mil. Sewage)

Received: 05/25/2004 17:53

Prep(s): 3550B/8270C
Test(s): 8270C
Sample ID: **BLD-10A**
Lab ID: 2004-05-0900 - 15
Sampled: 05/24/2004
Extracted: 5/28/2004 08:03
Matrix: Soil
QC Batch#: 2004/05/28-01.11

Compound	Conc.	RL	Unit	Dilution	Analyzed	Flag
Phenol	ND	0.34	mg/Kg	5.00	05/30/2004 13:10	
Bis(2-chloroethyl)ether	ND	0.34	mg/Kg	5.00	05/30/2004 13:10	
2-Chlorophenol	ND	0.34	mg/Kg	5.00	05/30/2004 13:10	
1,3-Dichlorobenzene	ND	0.34	mg/Kg	5.00	05/30/2004 13:10	
1,4-Dichlorobenzene	ND	0.34	mg/Kg	5.00	05/30/2004 13:10	
Benzyl alcohol	ND	0.85	mg/Kg	5.00	05/30/2004 13:10	
1,2-Dichlorobenzene	ND	0.34	mg/Kg	5.00	05/30/2004 13:10	
2-Methylphenol	ND	0.34	mg/Kg	5.00	05/30/2004 13:10	
Bis(2-chloroisopropyl) ether	ND	0.34	mg/Kg	5.00	05/30/2004 13:10	
4-Methylphenol	ND	0.34	mg/Kg	5.00	05/30/2004 13:10	
N-Nitroso-di-n-propylamine	ND	0.34	mg/Kg	5.00	05/30/2004 13:10	
Hexachloroethane	ND	0.34	mg/Kg	5.00	05/30/2004 13:10	
Nitrobenzene	ND	0.34	mg/Kg	5.00	05/30/2004 13:10	
Isophorone	ND	0.34	mg/Kg	5.00	05/30/2004 13:10	
2-Nitrophenol	ND	0.34	mg/Kg	5.00	05/30/2004 13:10	
2,4-Dimethylphenol	ND	0.34	mg/Kg	5.00	05/30/2004 13:10	
Bis(2-chloroethoxy) methane	ND	0.85	mg/Kg	5.00	05/30/2004 13:10	
2,4-Dichlorophenol	ND	0.34	mg/Kg	5.00	05/30/2004 13:10	
1,2,4-Trichlorobenzene	ND	0.34	mg/Kg	5.00	05/30/2004 13:10	
Naphthalene	ND	0.34	mg/Kg	5.00	05/30/2004 13:10	
4-Chloroaniline	5.0	1.7	mg/Kg	5.00	05/30/2004 13:10	
Hexachlorobutadiene	ND	0.34	mg/Kg	5.00	05/30/2004 13:10	
4-Chloro-3-methylphenol	ND	0.85	mg/Kg	5.00	05/30/2004 13:10	
2-Methylnaphthalene	ND	0.34	mg/Kg	5.00	05/30/2004 13:10	
Hexachlorocyclopentadiene	ND	0.85	mg/Kg	5.00	05/30/2004 13:10	
2,4,6-Trichlorophenol	ND	0.34	mg/Kg	5.00	05/30/2004 13:10	
2,4,5-Trichlorophenol	ND	0.34	mg/Kg	5.00	05/30/2004 13:10	
2-Chloronaphthalene	ND	0.34	mg/Kg	5.00	05/30/2004 13:10	
2-Nitroaniline	ND	1.7	mg/Kg	5.00	05/30/2004 13:10	
Dimethyl phthalate	ND	0.85	mg/Kg	5.00	05/30/2004 13:10	

Semi-volatile analysis by GC/MS - EPA8270C

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Project: 869-4A
Milpitas Sewage (Mil. Sewage)

Received: 05/25/2004 17:53

Prep(s):	3550B/8270C	Test(s):	8270C
Sample ID:	**BLD-10A**	Lab ID:	2004-05-0900 - 15
Sampled:	05/24/2004	Extracted:	5/28/2004 08:03
Matrix:	Soil	QC Batch#:	2004/05/28-01.11

Compound	Conc.	RL	Unit	Dilution	Analyzed	Flag
Acenaphthylene	ND	0.34	mg/Kg	5.00	05/30/2004 13:10	
3-Nitroaniline	ND	0.34	mg/Kg	5.00	05/30/2004 13:10	
Acenaphthene	ND	0.34	mg/Kg	5.00	05/30/2004 13:10	
2,4-Dinitrophenol	ND	1.7	mg/Kg	5.00	05/30/2004 13:10	
4-Nitrophenol	ND	1.7	mg/Kg	5.00	05/30/2004 13:10	
Dibenzofuran	ND	0.34	mg/Kg	5.00	05/30/2004 13:10	
2,4-Dinitrotoluene	ND	0.34	mg/Kg	5.00	05/30/2004 13:10	
2,6-Dinitrotoluene	ND	0.34	mg/Kg	5.00	05/30/2004 13:10	
Diethyl phthalate	ND	0.85	mg/Kg	5.00	05/30/2004 13:10	
4-Chlorophenyl phenyl ether	ND	0.85	mg/Kg	5.00	05/30/2004 13:10	
Fluorene	ND	0.34	mg/Kg	5.00	05/30/2004 13:10	
4-Nitroaniline	ND	1.7	mg/Kg	5.00	05/30/2004 13:10	
2-Methyl-4,6-dinitrophenol	ND	1.7	mg/Kg	5.00	05/30/2004 13:10	
N-Nitrosodiphenylamine	ND	0.34	mg/Kg	5.00	05/30/2004 13:10	
4-Bromophenyl phenyl ether	ND	0.85	mg/Kg	5.00	05/30/2004 13:10	
Hexachlorobenzene	ND	0.34	mg/Kg	5.00	05/30/2004 13:10	
Pentachlorophenol	ND	1.7	mg/Kg	5.00	05/30/2004 13:10	
Phenanthrene	0.68	0.34	mg/Kg	5.00	05/30/2004 13:10	
Anthracene	ND	0.34	mg/Kg	5.00	05/30/2004 13:10	
Di-n-butyl phthalate	ND	0.85	mg/Kg	5.00	05/30/2004 13:10	
Fluoranthene	ND	0.34	mg/Kg	5.00	05/30/2004 13:10	
Pyrene	ND	0.34	mg/Kg	5.00	05/30/2004 13:10	
Butyl benzyl phthalate	ND	0.85	mg/Kg	5.00	05/30/2004 13:10	
3,3-Dichlorobenzidine	ND	0.85	mg/Kg	5.00	05/30/2004 13:10	
Benzo(a)anthracene	ND	0.34	mg/Kg	5.00	05/30/2004 13:10	
bis(2-Ethylhexyl) phthalate	4.0	1.7	mg/Kg	5.00	05/30/2004 13:10	
Chrysene	ND	0.34	mg/Kg	5.00	05/30/2004 13:10	
Di-n-octyl phthalate	ND	0.85	mg/Kg	5.00	05/30/2004 13:10	
Benzo(b)fluoranthene	ND	0.34	mg/Kg	5.00	05/30/2004 13:10	
Benzo(k)fluoranthene	ND	0.34	mg/Kg	5.00	05/30/2004 13:10	

SEVERN TRENT STL

Submission #: 2004-05-0900

Semi-volatile analysis by GC/MS - EPA8270C

Lowney & Associates Mountain View
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Project: 869-4A
Milpitas Sewage (Mil. Sewage)

Received: 05/25/2004 17:53

Prep(s):	3550B/8270C	Test(s):	8270C
Sample ID:	**BLD-10A**	Lab ID:	2004-05-0900 - 15
Sampled:	05/24/2004	Extracted:	5/28/2004 08:03
Matrix:	Soil	QC Batch#:	2004/05/28-01.11

Compound	Conc.	RL	Unit	Dilution	Analyzed	Flag
Benzo(a)pyrene	ND	0.34	mg/Kg	5.00	05/30/2004 13:10	
Indeno(1,2,3-c,d)pyrene	ND	0.34	mg/Kg	5.00	05/30/2004 13:10	
Dibenzo(a,h)anthracene	ND	0.34	mg/Kg	5.00	05/30/2004 13:10	
Benzo(g,h,i)perylene	ND	0.34	mg/Kg	5.00	05/30/2004 13:10	
Benzoic acid	ND	1.7	mg/Kg	5.00	05/30/2004 13:10	
Surrogate(s)						
Nitrobenzene-d5	61.6	23-120	%	5.00	05/30/2004 13:10	
2-Fluorobiphenyl	90.2	30-115	%	5.00	05/30/2004 13:10	
p-Terphenyl-d14	30.8	18-137	%	5.00	05/30/2004 13:10	
2-Fluorophenol	46.3	25-121	%	5.00	05/30/2004 13:10	
Phenol-d5	46.1	24-113	%	5.00	05/30/2004 13:10	
2,4,6-Tribromophenol	108.3	19-122	%	5.00	05/30/2004 13:10	

Semi-volatile analysis by GC/MS - EPA8270C

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Project: 869-4A
Milpitas Sewage (Mil. Sewage)

Received: 05/25/2004 17:53

Prep(s): 3510C/8270C
Test(s): 8270C
Sample ID: **BLD-10B**
Lab ID: 2004-05-0900 - 16
Sampled: 05/24/2004
Extracted: 5/28/2004 12:07
Matrix: Water
QC Batch#: 2004/05/28-04.11
Analysis Flag: rl (See Legend and Note Section)

Compound	Conc.	RL	Unit	Dilution	Analyzed	Flag
Phenol	ND	2.9	ug/L	1.47	06/01/2004 22:57	
Bis(2-chloroethyl)ether	ND	2.9	ug/L	1.47	06/01/2004 22:57	
2-Chlorophenol	ND	2.9	ug/L	1.47	06/01/2004 22:57	
1,3-Dichlorobenzene	ND	2.9	ug/L	1.47	06/01/2004 22:57	
1,4-Dichlorobenzene	ND	2.9	ug/L	1.47	06/01/2004 22:57	
Benzyl alcohol	ND	7.4	ug/L	1.47	06/01/2004 22:57	
1,2-Dichlorobenzene	ND	2.9	ug/L	1.47	06/01/2004 22:57	
2-Methylphenol	ND	2.9	ug/L	1.47	06/01/2004 22:57	
Bis(2-chloroisopropyl) ether	ND	2.9	ug/L	1.47	06/01/2004 22:57	
4-Methylphenol	ND	2.9	ug/L	1.47	06/01/2004 22:57	
N-Nitroso-di-n-propylamine	ND	2.9	ug/L	1.47	06/01/2004 22:57	
Hexachloroethane	ND	2.9	ug/L	1.47	06/01/2004 22:57	
Nitrobenzene	ND	2.9	ug/L	1.47	06/01/2004 22:57	
Isophorone	ND	2.9	ug/L	1.47	06/01/2004 22:57	
2-Nitrophenol	ND	2.9	ug/L	1.47	06/01/2004 22:57	
2,4-Dimethylphenol	ND	2.9	ug/L	1.47	06/01/2004 22:57	
Bis(2-chloroethoxy) methane	ND	7.4	ug/L	1.47	06/01/2004 22:57	
2,4-Dichlorophenol	ND	2.9	ug/L	1.47	06/01/2004 22:57	
1,2,4-Trichlorobenzene	ND	2.9	ug/L	1.47	06/01/2004 22:57	
Naphthalene	ND	2.9	ug/L	1.47	06/01/2004 22:57	
4-Chloroaniline	ND	2.9	ug/L	1.47	06/01/2004 22:57	
Hexachlorobutadiene	ND	2.9	ug/L	1.47	06/01/2004 22:57	
4-Chloro-3-methylphenol	ND	7.4	ug/L	1.47	06/01/2004 22:57	
2-Methylnaphthalene	ND	2.9	ug/L	1.47	06/01/2004 22:57	
Hexachlorocyclopentadiene	ND	7.4	ug/L	1.47	06/01/2004 22:57	
2,4,6-Trichlorophenol	ND	2.9	ug/L	1.47	06/01/2004 22:57	
2,4,5-Trichlorophenol	ND	2.9	ug/L	1.47	06/01/2004 22:57	
2-Chloronaphthalene	ND	2.9	ug/L	1.47	06/01/2004 22:57	
2-Nitroaniline	ND	15	ug/L	1.47	06/01/2004 22:57	

SEVERN TRENT STL

Submission #: 2004-05-0900

Semi-volatile analysis by GC/MS - EPA8270C

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Project: 869-4A
Milpitas Sewage (Mil. Sewage)

Received: 05/25/2004 17:53

Prep(s): 3510C/8270C
Test(s): 8270C
Sample ID: BLD-10B
Lab ID: 2004-05-0900 - 16
Sampled: 05/24/2004
Extracted: 5/28/2004 12:07
Matrix: Water
QC Batch#: 2004/05/28-04.11
Analysis Flag: rl (See Legend and Note Section)

Compound	Conc.	RL	Unit	Dilution	Analyzed	Flag
Dimethyl phthalate	ND	7.4	ug/L	1.47	06/01/2004 22:57	
Acenaphthylene	ND	2.9	ug/L	1.47	06/01/2004 22:57	
3-Nitroaniline	ND	2.9	ug/L	1.47	06/01/2004 22:57	
Acenaphthene	ND	2.9	ug/L	1.47	06/01/2004 22:57	
2,4-Dinitrophenol	ND	15	ug/L	1.47	06/01/2004 22:57	
4-Nitrophenol	ND	15	ug/L	1.47	06/01/2004 22:57	
Dibenzofuran	ND	2.9	ug/L	1.47	06/01/2004 22:57	
2,4-Dinitrotoluene	ND	2.9	ug/L	1.47	06/01/2004 22:57	
2,6-Dinitrotoluene	ND	7.4	ug/L	1.47	06/01/2004 22:57	
Diethyl phthalate	ND	7.4	ug/L	1.47	06/01/2004 22:57	
4-Chlorophenyl phenyl ether	ND	7.4	ug/L	1.47	06/01/2004 22:57	
Fluorene	ND	2.9	ug/L	1.47	06/01/2004 22:57	
4-Nitroaniline	ND	15	ug/L	1.47	06/01/2004 22:57	
2-Methyl-4,6-dinitrophenol	ND	15	ug/L	1.47	06/01/2004 22:57	
N-Nitrosodiphenylamine	ND	2.9	ug/L	1.47	06/01/2004 22:57	
4-Bromophenyl phenyl ether	ND	7.4	ug/L	1.47	06/01/2004 22:57	
Hexachlorobenzene	ND	2.9	ug/L	1.47	06/01/2004 22:57	
Pentachlorophenol	ND	15	ug/L	1.47	06/01/2004 22:57	
Phenanthrene	ND	2.9	ug/L	1.47	06/01/2004 22:57	
Anthracene	ND	2.9	ug/L	1.47	06/01/2004 22:57	
Di-n-butyl phthalate	ND	7.4	ug/L	1.47	06/01/2004 22:57	
Fluoranthene	ND	2.9	ug/L	1.47	06/01/2004 22:57	
Pyrene	ND	2.9	ug/L	1.47	06/01/2004 22:57	
Butyl benzyl phthalate	ND	7.4	ug/L	1.47	06/01/2004 22:57	
3,3-Dichlorobenzidine	ND	7.4	ug/L	1.47	06/01/2004 22:57	
Benzo(a)anthracene	ND	2.9	ug/L	1.47	06/01/2004 22:57	
bis(2-Ethylhexyl) phthalate	ND	15	ug/L	1.47	06/01/2004 22:57	
Chrysene	ND	2.9	ug/L	1.47	06/01/2004 22:57	
Di-n-octyl phthalate	ND	7.4	ug/L	1.47	06/01/2004 22:57	

Semi-volatile analysis by GC/MS - EPA8270C

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Project: 869-4A
Milpitas Sewage (Mil. Sewage)

Received: 05/25/2004 17:53

Prep(s):	3510C/8270C	Test(s):	8270C
Sample ID:	**BLD-10B**	Lab ID:	2004-05-0900 - 16
Sampled:	05/24/2004	Extracted:	5/28/2004 12:07
Matrix:	Water	QC Batch#:	2004/05/28-04.11

Analysis Flag: rl (See Legend and Note Section)

Compound	Conc.	RL	Unit	Dilution	Analyzed	Flag
Benzo(b)fluoranthene	ND	2.9	ug/L	1.47	06/01/2004 22:57	
Benzo(k)fluoranthene	ND	2.9	ug/L	1.47	06/01/2004 22:57	
Benzo(a)pyrene	ND	2.9	ug/L	1.47	06/01/2004 22:57	
Indeno(1,2,3-c,d)pyrene	ND	2.9	ug/L	1.47	06/01/2004 22:57	
Dibenzo(a,h)anthracene	ND	2.9	ug/L	1.47	06/01/2004 22:57	
Benzo(g,h,i)perylene	ND	2.9	ug/L	1.47	06/01/2004 22:57	
Benzoic acid	ND	15	ug/L	1.47	06/01/2004 22:57	
Surrogate(s)						
Nitrobenzene-d5	74.5	35-114	%	1.47	06/01/2004 22:57	
2-Fluorobiphenyl	77.8	43-116	%	1.47	06/01/2004 22:57	
p-Terphenyl-d14	88.0	33-141	%	1.47	06/01/2004 22:57	
2-Fluorophenol	69.5	25-100	%	1.47	06/01/2004 22:57	
Phenol-d5	62.7	10-110	%	1.47	06/01/2004 22:57	
2,4,6-Tribromophenol	103.9	10-123	%	1.47	06/01/2004 22:57	

Semi-volatile analysis by GC/MS - EPA8270C

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Project: 869-4A
Milpitas Sewage (Mil. Sewage)

Received: 05/25/2004 17:53

Prep(s):	3550B/8270C	Test(s):	8270C
Sample ID:	**BLD-10B**	Lab ID:	2004-05-0900 - 17
Sampled:	05/24/2004	Extracted:	5/28/2004 08:03
Matrix:	Soil	QC Batch#:	2004/05/28-01.11

Compound	Conc.	RL	Unit	Dilution	Analyzed	Flag
Phenol	ND	0.067	mg/Kg	1.00	06/01/2004 14:03	
Bis(2-chloroethyl)ether	ND	0.067	mg/Kg	1.00	06/01/2004 14:03	
2-Chlorophenol	ND	0.067	mg/Kg	1.00	06/01/2004 14:03	
1,3-Dichlorobenzene	ND	0.067	mg/Kg	1.00	06/01/2004 14:03	
1,4-Dichlorobenzene	ND	0.067	mg/Kg	1.00	06/01/2004 14:03	
Benzyl alcohol	ND	0.17	mg/Kg	1.00	06/01/2004 14:03	
1,2-Dichlorobenzene	ND	0.067	mg/Kg	1.00	06/01/2004 14:03	
2-Methylphenol	ND	0.067	mg/Kg	1.00	06/01/2004 14:03	
Bis(2-chloroisopropyl) ether	ND	0.067	mg/Kg	1.00	06/01/2004 14:03	
4-Methylphenol	ND	0.067	mg/Kg	1.00	06/01/2004 14:03	
N-Nitroso-di-n-propylamine	ND	0.067	mg/Kg	1.00	06/01/2004 14:03	
Hexachloroethane	ND	0.067	mg/Kg	1.00	06/01/2004 14:03	
Nitrobenzene	ND	0.067	mg/Kg	1.00	06/01/2004 14:03	
Isophorone	ND	0.067	mg/Kg	1.00	06/01/2004 14:03	
2-Nitrophenol	ND	0.067	mg/Kg	1.00	06/01/2004 14:03	
2,4-Dimethylphenol	ND	0.067	mg/Kg	1.00	06/01/2004 14:03	
Bis(2-chloroethoxy) methane	ND	0.17	mg/Kg	1.00	06/01/2004 14:03	
2,4-Dichlorophenol	ND	0.067	mg/Kg	1.00	06/01/2004 14:03	
1,2,4-Trichlorobenzene	ND	0.067	mg/Kg	1.00	06/01/2004 14:03	
Naphthalene	ND	0.067	mg/Kg	1.00	06/01/2004 14:03	
4-Chloroaniline	ND	0.33	mg/Kg	1.00	06/01/2004 14:03	
Hexachlorobutadiene	ND	0.067	mg/Kg	1.00	06/01/2004 14:03	
4-Chloro-3-methylphenol	ND	0.17	mg/Kg	1.00	06/01/2004 14:03	
2-Methylnaphthalene	ND	0.067	mg/Kg	1.00	06/01/2004 14:03	
Hexachlorocyclopentadiene	ND	0.17	mg/Kg	1.00	06/01/2004 14:03	
2,4,6-Trichlorophenol	ND	0.067	mg/Kg	1.00	06/01/2004 14:03	
2,4,5-Trichlorophenol	ND	0.067	mg/Kg	1.00	06/01/2004 14:03	
2-Chloronaphthalene	ND	0.067	mg/Kg	1.00	06/01/2004 14:03	
2-Nitroaniline	ND	0.33	mg/Kg	1.00	06/01/2004 14:03	
Dimethyl phthalate	ND	0.17	mg/Kg	1.00	06/01/2004 14:03	

Semi-volatile analysis by GC/MS - EPA8270C

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Project: 869-4A
Milpitas Sewage (Mil. Sewage)

Received: 05/25/2004 17:53

Prep(s): 3550B/8270C
Test(s): 8270C
Sample ID: **BLD-10B**
Lab ID: 2004-05-0900 - 17
Sampled: 05/24/2004
Extracted: 5/28/2004 08:03
Matrix: Soil
QC Batch#: 2004/05/28-01.11

Compound	Conc.	RL	Unit	Dilution	Analyzed	Flag
Acenaphthylene	ND	0.067	mg/Kg	1.00	06/01/2004 14:03	
3-Nitroaniline	ND	0.067	mg/Kg	1.00	06/01/2004 14:03	
Acenaphthene	ND	0.067	mg/Kg	1.00	06/01/2004 14:03	
2,4-Dinitrophenol	ND	0.33	mg/Kg	1.00	06/01/2004 14:03	
4-Nitrophenol	ND	0.33	mg/Kg	1.00	06/01/2004 14:03	
Dibenzofuran	ND	0.067	mg/Kg	1.00	06/01/2004 14:03	
2,4-Dinitrotoluene	ND	0.067	mg/Kg	1.00	06/01/2004 14:03	
2,6-Dinitrotoluene	ND	0.067	mg/Kg	1.00	06/01/2004 14:03	
Diethyl phthalate	ND	0.17	mg/Kg	1.00	06/01/2004 14:03	
4-Chlorophenyl phenyl ether	ND	0.17	mg/Kg	1.00	06/01/2004 14:03	
Fluorene	ND	0.067	mg/Kg	1.00	06/01/2004 14:03	
4-Nitroaniline	ND	0.33	mg/Kg	1.00	06/01/2004 14:03	
2-Methyl-4,6-dinitrophenol	ND	0.33	mg/Kg	1.00	06/01/2004 14:03	
N-Nitrosodiphenylamine	ND	0.067	mg/Kg	1.00	06/01/2004 14:03	
4-Bromophenyl phenyl ether	ND	0.17	mg/Kg	1.00	06/01/2004 14:03	
Hexachlorobenzene	ND	0.067	mg/Kg	1.00	06/01/2004 14:03	
Pentachlorophenol	ND	0.33	mg/Kg	1.00	06/01/2004 14:03	
Phenanthrene	ND	0.067	mg/Kg	1.00	06/01/2004 14:03	
Anthracene	ND	0.067	mg/Kg	1.00	06/01/2004 14:03	
Di-n-butyl phthalate	ND	0.17	mg/Kg	1.00	06/01/2004 14:03	
Fluoranthene	0.070	0.067	mg/Kg	1.00	06/01/2004 14:03	
Pyrene	ND	0.067	mg/Kg	1.00	06/01/2004 14:03	
Butyl benzyl phthalate	ND	0.17	mg/Kg	1.00	06/01/2004 14:03	
3,3-Dichlorobenzidine	ND	0.17	mg/Kg	1.00	06/01/2004 14:03	
Benzo(a)anthracene	ND	0.067	mg/Kg	1.00	06/01/2004 14:03	
bis(2-Ethylhexyl) phthalate	0.50	0.33	mg/Kg	1.00	06/01/2004 14:03	
Chrysene	ND	0.067	mg/Kg	1.00	06/01/2004 14:03	
Di-n-octyl phthalate	ND	0.17	mg/Kg	1.00	06/01/2004 14:03	
Benzo(b)fluoranthene	ND	0.067	mg/Kg	1.00	06/01/2004 14:03	
Benzo(k)fluoranthene	ND	0.067	mg/Kg	1.00	06/01/2004 14:03	

Semi-volatile analysis by GC/MS - EPA8270C

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Project: 869-4A
Milpitas Sewage (Mil. Sewage)

Received: 05/25/2004 17:53

Prep(s): 3550B/8270C
Test(s): 8270C
Sample ID: **BLD-10B**
Lab ID: 2004-05-0900 - 17
Sampled: 05/24/2004
Extracted: 5/28/2004 08:03
Matrix: Soil
QC Batch#: 2004/05/28-01.11

Compound	Conc.	RL	Unit	Dilution	Analyzed	Flag
Benzo(a)pyrene	ND	0.067	mg/Kg	1.00	06/01/2004 14:03	
Indeno(1,2,3-c,d)pyrene	ND	0.067	mg/Kg	1.00	06/01/2004 14:03	
Dibenzo(a,h)anthracene	ND	0.067	mg/Kg	1.00	06/01/2004 14:03	
Benzo(g,h,i)perylene	ND	0.067	mg/Kg	1.00	06/01/2004 14:03	
Benzoic acid	ND	0.33	mg/Kg	1.00	06/01/2004 14:03	
Surrogate(s)						
Nitrobenzene-d5	31.9	23-120	%	1.00	06/01/2004 14:03	
2-Fluorobiphenyl	30.9	30-115	%	1.00	06/01/2004 14:03	
p-Terphenyl-d14	97.2	18-137	%	1.00	06/01/2004 14:03	
2-Fluorophenol	38.0	25-121	%	1.00	06/01/2004 14:03	
Phenol-d5	35.8	24-113	%	1.00	06/01/2004 14:03	
2,4,6-Tribromophenol	89.0	19-122	%	1.00	06/01/2004 14:03	

Semi-volatile analysis by GC/MS - EPA8270C

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Project: 869-4A
Milpitas Sewage (Mil. Sewage)

Received: 05/25/2004 17:53

Prep(s):	3550B/8270C	Test(s):	8270C
Sample ID:	**BLD-9A**	Lab ID:	2004-05-0900 - 18
Sampled:	05/24/2004 14:58	Extracted:	5/28/2004 08:03
Matrix:	Soil	QC Batch#:	2004/05/28-01.11

Compound	Conc.	RL	Unit	Dilution	Analyzed	Flag
Phenol	ND	0.067	mg/Kg	1.00	05/30/2004 12:41	
Bis(2-chloroethyl)ether	ND	0.067	mg/Kg	1.00	05/30/2004 12:41	
2-Chlorophenol	ND	0.067	mg/Kg	1.00	05/30/2004 12:41	
1,3-Dichlorobenzene	ND	0.067	mg/Kg	1.00	05/30/2004 12:41	
1,4-Dichlorobenzene	ND	0.067	mg/Kg	1.00	05/30/2004 12:41	
Benzyl alcohol	ND	0.17	mg/Kg	1.00	05/30/2004 12:41	
1,2-Dichlorobenzene	ND	0.067	mg/Kg	1.00	05/30/2004 12:41	
2-Methylphenol	ND	0.067	mg/Kg	1.00	05/30/2004 12:41	
Bis(2-chloroisopropyl) ether	ND	0.067	mg/Kg	1.00	05/30/2004 12:41	
4-Methylphenol	ND	0.067	mg/Kg	1.00	05/30/2004 12:41	
N-Nitroso-di-n-propylamine	ND	0.067	mg/Kg	1.00	05/30/2004 12:41	
Hexachloroethane	ND	0.067	mg/Kg	1.00	05/30/2004 12:41	
Nitrobenzene	ND	0.067	mg/Kg	1.00	05/30/2004 12:41	
Isophorone	ND	0.067	mg/Kg	1.00	05/30/2004 12:41	
2-Nitrophenol	ND	0.067	mg/Kg	1.00	05/30/2004 12:41	
2,4-Dimethylphenol	ND	0.067	mg/Kg	1.00	05/30/2004 12:41	
Bis(2-chloroethoxy) methane	ND	0.17	mg/Kg	1.00	05/30/2004 12:41	
2,4-Dichlorophenol	ND	0.067	mg/Kg	1.00	05/30/2004 12:41	
1,2,4-Trichlorobenzene	ND	0.067	mg/Kg	1.00	05/30/2004 12:41	
Naphthalene	0.13	0.067	mg/Kg	1.00	05/30/2004 12:41	
4-Chloroaniline	ND	0.33	mg/Kg	1.00	05/30/2004 12:41	
Hexachlorobutadiene	ND	0.067	mg/Kg	1.00	05/30/2004 12:41	
4-Chloro-3-methylphenol	ND	0.17	mg/Kg	1.00	05/30/2004 12:41	
2-Methylnaphthalene	ND	0.067	mg/Kg	1.00	05/30/2004 12:41	
Hexachlorocyclopentadiene	ND	0.17	mg/Kg	1.00	05/30/2004 12:41	
2,4,6-Trichlorophenol	ND	0.067	mg/Kg	1.00	05/30/2004 12:41	
2,4,5-Trichlorophenol	ND	0.067	mg/Kg	1.00	05/30/2004 12:41	
2-Chloronaphthalene	ND	0.067	mg/Kg	1.00	05/30/2004 12:41	
2-Nitroaniline	ND	0.33	mg/Kg	1.00	05/30/2004 12:41	
Dimethyl phthalate	ND	0.17	mg/Kg	1.00	05/30/2004 12:41	

Semi-volatile analysis by GC/MS - EPA8270C

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Project: 869-4A
Milpitas Sewage (Mil. Sewage)

Received: 05/25/2004 17:53

Prep(s):	3550B/8270C	Test(s):	8270C
Sample ID:	**BLD-9A**	Lab ID:	2004-05-0900 - 18
Sampled:	05/24/2004 14:58	Extracted:	5/28/2004 08:03
Matrix:	Soil	QC Batch#:	2004/05/28-01.11

Compound	Conc.	RL	Unit	Dilution	Analyzed	Flag
Acenaphthylene	ND	0.067	mg/Kg	1.00	05/30/2004 12:41	
3-Nitroaniline	ND	0.067	mg/Kg	1.00	05/30/2004 12:41	
Acenaphthene	0.090	0.067	mg/Kg	1.00	05/30/2004 12:41	
2,4-Dinitrophenol	ND	0.33	mg/Kg	1.00	05/30/2004 12:41	
4-Nitrophenol	ND	0.33	mg/Kg	1.00	05/30/2004 12:41	
Dibenzofuran	0.17	0.067	mg/Kg	1.00	05/30/2004 12:41	
2,4-Dinitrotoluene	ND	0.067	mg/Kg	1.00	05/30/2004 12:41	
2,6-Dinitrotoluene	ND	0.067	mg/Kg	1.00	05/30/2004 12:41	
Diethyl phthalate	ND	0.17	mg/Kg	1.00	05/30/2004 12:41	
4-Chlorophenyl phenyl ether	ND	0.17	mg/Kg	1.00	05/30/2004 12:41	
Fluorene	0.12	0.067	mg/Kg	1.00	05/30/2004 12:41	
4-Nitroaniline	ND	0.33	mg/Kg	1.00	05/30/2004 12:41	
2-Methyl-4,6-dinitrophenol	ND	0.33	mg/Kg	1.00	05/30/2004 12:41	
N-Nitrosodiphenylamine	ND	0.067	mg/Kg	1.00	05/30/2004 12:41	
4-Bromophenyl phenyl ether	ND	0.17	mg/Kg	1.00	05/30/2004 12:41	
Hexachlorobenzene	ND	0.067	mg/Kg	1.00	05/30/2004 12:41	
Pentachlorophenol	ND	0.33	mg/Kg	1.00	05/30/2004 12:41	
Phenanthrene	1.6	0.067	mg/Kg	1.00	05/30/2004 12:41	
Anthracene	ND	0.067	mg/Kg	1.00	05/30/2004 12:41	
Di-n-butyl phthalate	ND	0.17	mg/Kg	1.00	05/30/2004 12:41	
Fluoranthene	1.8	0.067	mg/Kg	1.00	05/30/2004 12:41	
Pyrene	1.1	0.067	mg/Kg	1.00	05/30/2004 12:41	
Butyl benzyl phthalate	ND	0.17	mg/Kg	1.00	05/30/2004 12:41	
3,3-Dichlorobenzidine	ND	0.17	mg/Kg	1.00	05/30/2004 12:41	
Benzo(a)anthracene	ND	0.067	mg/Kg	1.00	05/30/2004 12:41	
bis(2-Ethylhexyl) phthalate	ND	0.33	mg/Kg	1.00	05/30/2004 12:41	
Chrysene	0.48	0.067	mg/Kg	1.00	05/30/2004 12:41	
Di-n-octyl phthalate	ND	0.17	mg/Kg	1.00	05/30/2004 12:41	
Benzo(b)fluoranthene	0.30	0.067	mg/Kg	1.00	05/30/2004 12:41	
Benzo(k)fluoranthene	0.33	0.067	mg/Kg	1.00	05/30/2004 12:41	

Semi-volatile analysis by GC/MS - EPA8270C

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Project: 869-4A
Milpitas Sewage (Mil. Sewage)

Received: 05/25/2004 17:53

Prep(s):	3550B/8270C	Test(s):	8270C
Sample ID:	**BLD-9A**	Lab ID:	2004-05-0900 - 18
Sampled:	05/24/2004 14:58	Extracted:	5/28/2004 08:03
Matrix:	Soil	QC Batch#:	2004/05/28-01.11

Compound	Conc.	RL	Unit	Dilution	Analyzed	Flag
Benzo(a)pyrene	0.32	0.067	mg/Kg	1.00	05/30/2004 12:41	
Indeno(1,2,3-c,d)pyrene	0.23	0.067	mg/Kg	1.00	05/30/2004 12:41	
Dibenzo(a,h)anthracene	ND	0.067	mg/Kg	1.00	05/30/2004 12:41	
Benzo(g,h,i)perylene	0.27	0.067	mg/Kg	1.00	05/30/2004 12:41	
Benzoic acid	ND	0.33	mg/Kg	1.00	05/30/2004 12:41	
Surrogate(s)						
Nitrobenzene-d5	49.4	23-120	%	1.00	05/30/2004 12:41	
2-Fluorobiphenyl	58.7	30-115	%	1.00	05/30/2004 12:41	
p-Terphenyl-d14	99.2	18-137	%	1.00	05/30/2004 12:41	
2-Fluorophenol	52.8	25-121	%	1.00	05/30/2004 12:41	
Phenol-d5	53.4	24-113	%	1.00	05/30/2004 12:41	
2,4,6-Tribromophenol	89.6	19-122	%	1.00	05/30/2004 12:41	

Semi-volatile analysis by GC/MS - EPA8270C

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Project: 869-4A
Milpitas Sewage (Mil. Sewage)

Received: 05/25/2004 17:53

Batch QC Report

Prep(s): 3550B/8270C — Test(s): 8270C

Method Blank — Soil — **QC Batch # 2004/05/28-01.11**

MB: 2004/05/28-01.11-001 — Date Extracted: 05/28/2004 08:03

Compound	Conc.	RL	Unit	Analyzed	Flag
Phenol	ND	0.067	mg/Kg	05/29/2004 20:58	
Bis(2-chloroethyl)ether	ND	0.067	mg/Kg	05/29/2004 20:58	
2-Chlorophenol	ND	0.067	mg/Kg	05/29/2004 20:58	
1,3-Dichlorobenzene	ND	0.067	mg/Kg	05/29/2004 20:58	
1,4-Dichlorobenzene	ND	0.067	mg/Kg	05/29/2004 20:58	
Benzyl alcohol	ND	0.17	mg/Kg	05/29/2004 20:58	
1,2-Dichlorobenzene	ND	0.067	mg/Kg	05/29/2004 20:58	
2-Methylphenol	ND	0.067	mg/Kg	05/29/2004 20:58	
Bis(2-chloroisopropyl) ether	ND	0.067	mg/Kg	05/29/2004 20:58	
4-Methylphenol	ND	0.067	mg/Kg	05/29/2004 20:58	
N-Nitroso-di-n-propylamine	ND	0.067	mg/Kg	05/29/2004 20:58	
Hexachloroethane	ND	0.067	mg/Kg	05/29/2004 20:58	
Nitrobenzene	ND	0.067	mg/Kg	05/29/2004 20:58	
Isophorone	ND	0.067	mg/Kg	05/29/2004 20:58	
2-Nitrophenol	ND	0.067	mg/Kg	05/29/2004 20:58	
2,4-Dimethylphenol	ND	0.067	mg/Kg	05/29/2004 20:58	
Bis(2-chloroethoxy) methane	ND	0.17	mg/Kg	05/29/2004 20:58	
2,4-Dichlorophenol	ND	0.067	mg/Kg	05/29/2004 20:58	
1,2,4-Trichlorobenzene	ND	0.067	mg/Kg	05/29/2004 20:58	
Naphthalene	ND	0.067	mg/Kg	05/29/2004 20:58	
4-Chloroaniline	ND	0.330	mg/Kg	05/29/2004 20:58	
Hexachlorobutadiene	ND	0.067	mg/Kg	05/29/2004 20:58	
4-Chloro-3-methylphenol	ND	0.17	mg/Kg	05/29/2004 20:58	
2-Methylnaphthalene	ND	0.067	mg/Kg	05/29/2004 20:58	
Hexachlorocyclopentadiene	ND	0.17	mg/Kg	05/29/2004 20:58	
2,4,6-Trichlorophenol	ND	0.067	mg/Kg	05/29/2004 20:58	
2,4,5-Trichlorophenol	ND	0.067	mg/Kg	05/29/2004 20:58	
2-Chloronaphthalene	ND	0.067	mg/Kg	05/29/2004 20:58	
2-Nitroaniline	ND	0.33	mg/Kg	05/29/2004 20:58	
Dimethyl phthalate	ND	0.17	mg/Kg	05/29/2004 20:58	

Semi-volatile analysis by GC/MS - EPA8270C

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Project: 869-4A
Milpitas Sewage (Mil. Sewage)

Received: 05/25/2004 17:53

Batch QC Report

Prep(s): 3550B/8270C
Method Blank **Soil**
MB: 2004/05/28-01.11-001

Test(s): 8270C
QC Batch # 2004/05/28-01.11
Date Extracted: 05/28/2004 08:03

Compound	Conc.	RL	Unit	Analyzed	Flag
Acenaphthylene	ND	0.067	mg/Kg	05/29/2004 20:58	
3-Nitroaniline	ND	0.067	mg/Kg	05/29/2004 20:58	
Acenaphthene	ND	0.067	mg/Kg	05/29/2004 20:58	
2,4-Dinitrophenol	ND	0.33	mg/Kg	05/29/2004 20:58	
4-Nitrophenol	ND	0.33	mg/Kg	05/29/2004 20:58	
Dibenzofuran	ND	0.067	mg/Kg	05/29/2004 20:58	
2,4-Dinitrotoluene	ND	0.067	mg/Kg	05/29/2004 20:58	
2,6-Dinitrotoluene	ND	0.067	mg/Kg	05/29/2004 20:58	
Diethyl phthalate	ND	0.17	mg/Kg	05/29/2004 20:58	
4-Chlorophenyl phenyl ether	ND	0.17	mg/Kg	05/29/2004 20:58	
Fluorene	ND	0.067	mg/Kg	05/29/2004 20:58	
4-Nitroaniline	ND	0.33	mg/Kg	05/29/2004 20:58	
2-Methyl-4,6-dinitrophenol	ND	0.33	mg/Kg	05/29/2004 20:58	
N-Nitrosodiphenylamine	ND	0.067	mg/Kg	05/29/2004 20:58	
4-Bromophenyl phenyl ether	ND	0.17	mg/Kg	05/29/2004 20:58	
Hexachlorobenzene	ND	0.067	mg/Kg	05/29/2004 20:58	
Pentachlorophenol	ND	0.33	mg/Kg	05/29/2004 20:58	
Phenanthrene	ND	0.067	mg/Kg	05/29/2004 20:58	
Anthracene	ND	0.067	mg/Kg	05/29/2004 20:58	
Di-n-butyl phthalate	ND	0.17	mg/Kg	05/29/2004 20:58	
Fluoranthene	ND	0.067	mg/Kg	05/29/2004 20:58	
Pyrene	ND	0.067	mg/Kg	05/29/2004 20:58	
Butyl benzyl phthalate	ND	0.17	mg/Kg	05/29/2004 20:58	
3,3-Dichlorobenzidine	ND	0.17	mg/Kg	05/29/2004 20:58	
Benzo(a)anthracene	ND	0.067	mg/Kg	05/29/2004 20:58	
bis(2-Ethylhexyl) phthalate	ND	0.33	mg/Kg	05/29/2004 20:58	
Chrysene	ND	0.067	mg/Kg	05/29/2004 20:58	
Di-n-octyl phthalate	ND	0.17	mg/Kg	05/29/2004 20:58	
Benzo(b)fluoranthene	ND	0.067	mg/Kg	05/29/2004 20:58	
Benzo(k)fluoranthene	ND	0.067	mg/Kg	05/29/2004 20:58	
Benzo(a)pyrene	ND	0.067	mg/Kg	05/29/2004 20:58	

Semi-volatile analysis by GC/MS - EPA8270C

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Project: 869-4A
Milpitas Sewage (Mil. Sewage)

Received: 05/25/2004 17:53

Batch QC Report

Prep(s): 3550B/8270C
Method Blank **Soil**
MB: 2004/05/28-01.11-001

Test(s): 8270C
QC Batch # 2004/05/28-01.11
Date Extracted: 05/28/2004 08:03

Compound	Conc.	RL	Unit	Analyzed	Flag
Indeno(1,2,3-c,d)pyrene	ND	0.067	mg/Kg	05/29/2004 20:58	
Dibenzo(a,h)anthracene	ND	0.067	mg/Kg	05/29/2004 20:58	
Benzo(g,h,i)perylene	ND	0.067	mg/Kg	05/29/2004 20:58	
Benzoic acid	ND	0.33	mg/Kg	05/29/2004 20:58	
Surrogates(s)					
Nitrobenzene-d5	61.1	23-120	%	05/29/2004 20:58	
2-Fluorobiphenyl	50.6	30-115	%	05/29/2004 20:58	
p-Terphenyl-d14	99.6	18-137	%	05/29/2004 20:58	
2-Fluorophenol	62.8	25-121	%	05/29/2004 20:58	
Phenol-d5	62.8	24-113	%	05/29/2004 20:58	
2,4,6-Tribromophenol	63.2	19-122	%	05/29/2004 20:58	

Semi-volatile analysis by GC/MS - EPA8270C

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Project: 869-4A
Milpitas Sewage (Mil. Sewage)

Received: 05/25/2004 17:53

Batch QC Report

Prep(s): 3510C/8270C — Test(s): 8270C

Method Blank — **Water** — **QC Batch # 2004/05/28-04.11**

MB: 2004/05/28-04.11-001 — Date Extracted: 05/28/2004 12:07

Compound	Conc.	RL	Unit	Analyzed	Flag
Phenol	ND	2.0	ug/L	05/28/2004 16:46	
Bis(2-chloroethyl)ether	ND	2.0	ug/L	05/28/2004 16:46	
2-Chlorophenol	ND	2.0	ug/L	05/28/2004 16:46	
1,3-Dichlorobenzene	ND	2.0	ug/L	05/28/2004 16:46	
1,4-Dichlorobenzene	ND	2.0	ug/L	05/28/2004 16:46	
Benzyl alcohol	ND	5.0	ug/L	05/28/2004 16:46	
1,2-Dichlorobenzene	ND	2.0	ug/L	05/28/2004 16:46	
2-Methylphenol	ND	2.0	ug/L	05/28/2004 16:46	
Bis(2-chloroisopropyl) ether	ND	2.0	ug/L	05/28/2004 16:46	
4-Methylphenol	ND	2.0	ug/L	05/28/2004 16:46	
N-Nitroso-di-n-propylamine	ND	2.0	ug/L	05/28/2004 16:46	
Hexachloroethane	ND	2.0	ug/L	05/28/2004 16:46	
Nitrobenzene	ND	2.0	ug/L	05/28/2004 16:46	
Isophorone	ND	2.0	ug/L	05/28/2004 16:46	
2-Nitrophenol	ND	2.0	ug/L	05/28/2004 16:46	
2,4-Dimethylphenol	ND	2.0	ug/L	05/28/2004 16:46	
Bis(2-chloroethoxy) methane	ND	5.0	ug/L	05/28/2004 16:46	
2,4-Dichlorophenol	ND	2.0	ug/L	05/28/2004 16:46	
1,2,4-Trichlorobenzene	ND	2.0	ug/L	05/28/2004 16:46	
Naphthalene	ND	2.0	ug/L	05/28/2004 16:46	
4-Chloroaniline	ND	2.0	ug/L	05/28/2004 16:46	
Hexachlorobutadiene	ND	2.0	ug/L	05/28/2004 16:46	
4-Chloro-3-methylphenol	ND	5.0	ug/L	05/28/2004 16:46	
2-Methylnaphthalene	ND	2.0	ug/L	05/28/2004 16:46	
Hexachlorocyclopentadiene	ND	5.0	ug/L	05/28/2004 16:46	
2,4,6-Trichlorophenol	ND	2.0	ug/L	05/28/2004 16:46	
2,4,5-Trichlorophenol	ND	2.0	ug/L	05/28/2004 16:46	
2-Chloronaphthalene	ND	2.0	ug/L	05/28/2004 16:46	
2-Nitroaniline	ND	10	ug/L	05/28/2004 16:46	
Dimethyl phthalate	ND	5.0	ug/L	05/28/2004 16:46	
Acenaphthylene	ND	2.0	ug/L	05/28/2004 16:46	

Semi-volatile analysis by GC/MS - EPA8270C

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Project: 869-4A
Milpitas Sewage (Mil. Sewage)

Received: 05/25/2004 17:53

Batch QC Report

Prep(s): 3510C/8270C — Test(s): 8270C

Method Blank — **Water** — **QC Batch # 2004/05/28-04.11**

MB: 2004/05/28-04.11-001 — Date Extracted: 05/28/2004 12:07

Compound	Conc.	RL	Unit	Analyzed	Flag
3-Nitroaniline	ND	2.0	ug/L	05/28/2004 16:46	
Acenaphthene	ND	2.0	ug/L	05/28/2004 16:46	
2,4-Dinitrophenol	ND	10	ug/L	05/28/2004 16:46	
4-Nitrophenol	ND	10	ug/L	05/28/2004 16:46	
Dibenzofuran	ND	2.0	ug/L	05/28/2004 16:46	
2,4-Dinitrotoluene	ND	2.0	ug/L	05/28/2004 16:46	
2,6-Dinitrotoluene	ND	5.0	ug/L	05/28/2004 16:46	
Diethyl phthalate	ND	5.0	ug/L	05/28/2004 16:46	
4-Chlorophenyl phenyl ether	ND	5.0	ug/L	05/28/2004 16:46	
Fluorene	ND	2.0	ug/L	05/28/2004 16:46	
4-Nitroaniline	ND	10	ug/L	05/28/2004 16:46	
2-Methyl-4,6-dinitrophenol	ND	10	ug/L	05/28/2004 16:46	
N-Nitrosodiphenylamine	ND	2.0	ug/L	05/28/2004 16:46	
4-Bromophenyl phenyl ether	ND	5.0	ug/L	05/28/2004 16:46	
Hexachlorobenzene	ND	2.0	ug/L	05/28/2004 16:46	
Pentachlorophenol	ND	10	ug/L	05/28/2004 16:46	
Phenanthrene	ND	2.0	ug/L	05/28/2004 16:46	
Anthracene	ND	2.0	ug/L	05/28/2004 16:46	
Di-n-butyl phthalate	ND	5.0	ug/L	05/28/2004 16:46	
Fluoranthene	ND	2.0	ug/L	05/28/2004 16:46	
Pyrene	ND	2.0	ug/L	05/28/2004 16:46	
Butyl benzyl phthalate	ND	5.0	ug/L	05/28/2004 16:46	
3,3-Dichlorobenzidine	ND	5.0	ug/L	05/28/2004 16:46	
Benzo(a)anthracene	ND	2.0	ug/L	05/28/2004 16:46	
bis(2-Ethylhexyl) phthalate	ND	10	ug/L	05/28/2004 16:46	
Chrysene	ND	2.0	ug/L	05/28/2004 16:46	
Di-n-octyl phthalate	ND	5.0	ug/L	05/28/2004 16:46	
Benzo(b)fluoranthene	ND	2.0	ug/L	05/28/2004 16:46	
Benzo(k)fluoranthene	ND	2.0	ug/L	05/28/2004 16:46	
Benzo(a)pyrene	ND	2.0	ug/L	05/28/2004 16:46	
Indeno(1,2,3-c,d)pyrene	ND	2.0	ug/L	05/28/2004 16:46	

Semi-volatile analysis by GC/MS - EPA8270C

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Project: 869-4A
Milpitas Sewage (Mil. Sewage)

Received: 05/25/2004 17:53

Batch QC Report

Prep(s): 3510C/8270C — Test(s): 8270C

Method Blank — **Water** — **QC Batch # 2004/05/28-04.11**

MB: 2004/05/28-04.11-001 — Date Extracted: 05/28/2004 12:07

Compound	Conc.	RL	Unit	Analyzed	Flag
Dibenzo(a,h)anthracene	ND	2.0	ug/L	05/28/2004 16:46	
Benzo(g,h,i)perylene	ND	2.0	ug/L	05/28/2004 16:46	
Benzoic acid	ND	10	ug/L	05/28/2004 16:46	
Surrogates(s)					
Nitrobenzene-d5	74.0	35-114	%	05/28/2004 16:46	
2-Fluorobiphenyl	63.2	43-116	%	05/28/2004 16:46	
p-Terphenyl-d14	122.0	33-141	%	05/28/2004 16:46	
2-Fluorophenol	51.0	25-100	%	05/28/2004 16:46	
Phenol-d5	29.1	10-110	%	05/28/2004 16:46	
2,4,6-Tribromophenol	75.9	10-123	%	05/28/2004 16:46	

Semi-volatile analysis by GC/MS - EPA8270C

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Project: 869-4A
Milpitas Sewage (Mil. Sewage)

Received: 05/25/2004 17:53

Batch QC Report

Prep(s): 3550B/8270C — Test(s): 8270C

Laboratory Control Spike — **Soil** — **QC Batch # 2004/05/28-01.11**

LCS 2004/05/28-01.11-002 — Extracted: 05/28/2004 — Analyzed: 05/29/2004 21:27

LCSD 2004/05/28-01.11-003 — Extracted: 05/28/2004 — Analyzed: 05/29/2004 21:56

Compound	Conc. mg/Kg		Exp.Conc.	Recovery %		RPD	Ctrl.Limits %		Flags	
	LCS	LCSD		LCS	LCSD	%	Rec.	RPD	LCS	LCSD
Phenol	1.25	1.41	2.00	62.5	70.9	12.6	20-90	35		
2-Chlorophenol	1.35	1.48	2.00	67.5	74.4	9.7	27-123	35		
1,4-Dichlorobenzene	0.650	0.760	1.000	65.0	76.2	15.9	28-104	30		
N-Nitroso-di-n-propylamine	0.640	0.670	1.000	64.0	67.2	4.9	25-114	39		
1,2,4-Trichlorobenzene	0.650	0.690	1.000	65.0	69.2	6.3	38-107	35		
4-Chloro-3-methylphenol	1.46	1.57	2.00	73.0	78.9	7.8	26-103	33		
Acenaphthene	0.800	0.850	1.000	80.0	85.3	6.4	49-102	30		
4-Nitrophenol	1.20	1.18	2.00	60.0	59.3	1.2	17-109	35		
2,4-Dinitrotoluene	0.830	0.870	1.000	83.0	87.3	5.0	39-139	38		
Pentachlorophenol	1.69	1.70	2.00	84.5	85.4	1.1	11-114	35		
Pyrene	1.09	1.15	1.000	109.0	115.3	5.6	25-117	35		
Surrogates(s)										
Nitrobenzene-d5	15.4	17.1	25	61.6	68.4		23-120			
2-Fluorobiphenyl	16.1	18.3	25	64.4	73.2		30-115			
p-Terphenyl-d14	25.9	26.4	25	103.6	105.6		18-137			
2-Fluorophenol	31.1	33.9	50	62.2	67.8		25-121			
Phenol-d5	34.0	36.6	50	68.0	73.2		24-113			
2,4,6-Tribromophenol	41.8	43.5	50	83.6	87.0		19-122			

Semi-volatile analysis by GC/MS - EPA8270C

Lowney & Associates Mountain View
Attn.: Stason Foster

405 Clyde Ave
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Project: 869-4A
Milpitas Sewage (Mil. Sewage)

Received: 05/25/2004 17:53

Batch QC Report

Prep(s): 3510C/8270C

Test(s): 8270C

Laboratory Control Spike **Water** **QC Batch # 2004/05/28-04.11**

LCS 2004/05/28-04.11-002 Extracted: 05/28/2004 Analyzed: 05/28/2004 18:42
LCSD 2004/05/28-04.11-003 Extracted: 05/28/2004 Analyzed: 05/28/2004 17:44

Compound	Conc. ug/L		Exp.Conc.	Recovery %		RPD	Ctrl.Limits %		Flags	
	LCS	LCSD		LCS	LCSD	%	Rec.	RPD	LCS	LCSD
Phenol	21.7	22.2	60.0	36.2	37.0	2.2	12-89	35		
2-Chlorophenol	54.5	55.8	60.0	90.8	93.0	2.4	23-134	25		
1,4-Dichlorobenzene	21.3	21.6	30.0	71.0	72.0	1.4	36-97	30		
N-Nitroso-di-n-propylamine	22.2	22.2	30.0	74.0	74.0	0.0	10-130	34		
1,2,4-Trichlorobenzene	21.3	21.9	30.0	71.0	73.0	2.8	44-142	35		
4-Chloro-3-methylphenol	49.7	50.7	60.0	82.8	84.5	2.0	22-147	31		
Acenaphthene	27.9	27.0	30.0	93.0	90.0	3.3	56-118	30		
4-Nitrophenol	10.3	7.84	60.0	17.2	13.1	27.1	1-132	35		
2,4-Dinitrotoluene	29.1	27.1	30.0	97.0	90.3	7.2	39-139	35		
Pentachlorophenol	45.8	47.8	60.0	76.3	79.7	4.4	45-125	35		
Pyrene	33.6	34.0	30.0	112.0	113.3	1.2	52-115	35		
Surrogates(s)										
Nitrobenzene-d5	18.5	18.4	25	73.8	73.5		35-114			
2-Fluorobiphenyl	21.5	20.0	25	86.0	80.1		43-116			
p-Terphenyl-d14	29.1	30.1	25	116.6	120.4		33-141			
2-Fluorophenol	28.8	29.4	50	57.7	58.7		25-100			
Phenol-d5	18.3	19.3	50	36.6	38.7		10-110			
2,4,6-Tribromophenol	50.7	48.4	50	101.4	96.9		10-123			

SEVERN TRENT STL

Submission #: 2004-05-0900

Semi-volatile analysis by GC/MS - EPA8270C

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Project: 869-4A
Milpitas Sewage (Mil. Sewage)

Received: 05/25/2004 17:53

Legend and Notes

Analysis Flag

HT
Extracted out of holding time

lrn
Reporting limits raised due to high level of non-target analyte materials.

rl
Reporting limits raised due to reduced sample size.

sdo
Surrogate(s) diluted out

Result Flag

sl
Surrogate recoveries were lower than QC limit due to matrix interference, confirmed by reanalysis.

Volatile Organic Compounds by 8260B (Low Level)

Lowney & Associates Mountain View
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Project: 869-4A
Milpitas Sewage (Mil. Sewage)

Received: 05/25/2004 17:53

Samples Reported

Sample Name	Date Sampled	Matrix	Lab #
BLD-3A	05/21/2004	Soil	2
BLD-3B	05/21/2004	Soil	4
BLD-8B	05/24/2004	Soil	9
BLD-9B	05/24/2004	Soil	11
BLD-9C	05/24/2004	Soil	13
BLD-10B	05/24/2004	Soil	17

Volatile Organic Compounds by 8260B (Low Level)

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Project: 869-4A
Milpitas Sewage (Mil. Sewage)

Received: 05/25/2004 17:53

Prep(s):	5035	Test(s):	8260B
Sample ID:	**BLD-3A**	Lab ID:	2004-05-0900 - 2
Sampled:	05/21/2004	Extracted:	6/1/2004 19:14
Matrix:	Soil	QC Batch#:	2004/06/01-01.09

Compound	Conc.	RL	Unit	Dilution	Analyzed	Flag
MTBE	ND	5.0	ug/Kg	1.00	06/01/2004 19:14	
Acetone	ND	50	ug/Kg	1.00	06/01/2004 19:14	
Benzene	ND	5.0	ug/Kg	1.00	06/01/2004 19:14	
Bromodichloromethane	ND	5.0	ug/Kg	1.00	06/01/2004 19:14	
Bromobenzene	ND	5.0	ug/Kg	1.00	06/01/2004 19:14	
Bromochloromethane	ND	20	ug/Kg	1.00	06/01/2004 19:14	
Bromoform	ND	5.0	ug/Kg	1.00	06/01/2004 19:14	
Bromomethane	ND	10	ug/Kg	1.00	06/01/2004 19:14	
2-Butanone(MEK)	ND	50	ug/Kg	1.00	06/01/2004 19:14	
n-Butylbenzene	ND	5.0	ug/Kg	1.00	06/01/2004 19:14	
sec-Butylbenzene	ND	5.0	ug/Kg	1.00	06/01/2004 19:14	
tert-Butylbenzene	ND	5.0	ug/Kg	1.00	06/01/2004 19:14	
Carbon disulfide	ND	5.0	ug/Kg	1.00	06/01/2004 19:14	
Carbon tetrachloride	ND	5.0	ug/Kg	1.00	06/01/2004 19:14	
Chlorobenzene	ND	5.0	ug/Kg	1.00	06/01/2004 19:14	
Chloroethane	ND	10	ug/Kg	1.00	06/01/2004 19:14	
2-Chloroethylvinyl ether	ND	50	ug/Kg	1.00	06/01/2004 19:14	
Chloroform	ND	5.0	ug/Kg	1.00	06/01/2004 19:14	
Chloromethane	ND	10	ug/Kg	1.00	06/01/2004 19:14	
2-Chlorotoluene	ND	5.0	ug/Kg	1.00	06/01/2004 19:14	
4-Chlorotoluene	ND	5.0	ug/Kg	1.00	06/01/2004 19:14	
Dibromochloromethane	ND	5.0	ug/Kg	1.00	06/01/2004 19:14	
1,2-Dichlorobenzene	ND	5.0	ug/Kg	1.00	06/01/2004 19:14	
1,3-Dichlorobenzene	ND	5.0	ug/Kg	1.00	06/01/2004 19:14	
1,4-Dichlorobenzene	ND	5.0	ug/Kg	1.00	06/01/2004 19:14	
1,3-Dichloropropane	ND	5.0	ug/Kg	1.00	06/01/2004 19:14	
2,2-Dichloropropane	ND	5.0	ug/Kg	1.00	06/01/2004 19:14	
1,1-Dichloropropene	ND	5.0	ug/Kg	1.00	06/01/2004 19:14	
1,2-Dibromo-3-chloropropane	ND	50	ug/Kg	1.00	06/01/2004 19:14	
1,2-Dibromoethane	ND	10	ug/Kg	1.00	06/01/2004 19:14	

Volatile Organic Compounds by 8260B (Low Level)

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Project: 869-4A
Milpitas Sewage (Mil. Sewage)

Received: 05/25/2004 17:53

Prep(s):	5035	Test(s):	8260B
Sample ID:	**BLD-3A**	Lab ID:	2004-05-0900 - 2
Sampled:	05/21/2004	Extracted:	6/1/2004 19:14
Matrix:	Soil	QC Batch#:	2004/06/01-01.09

Compound	Conc.	RL	Unit	Dilution	Analyzed	Flag
Dibromomethane	ND	10	ug/Kg	1.00	06/01/2004 19:14	
Dichlorodifluoromethane	ND	10	ug/Kg	1.00	06/01/2004 19:14	
1,1-Dichloroethane	ND	5.0	ug/Kg	1.00	06/01/2004 19:14	
1,2-Dichloroethane	ND	5.0	ug/Kg	1.00	06/01/2004 19:14	
1,1-Dichloroethene	ND	5.0	ug/Kg	1.00	06/01/2004 19:14	
cis-1,2-Dichloroethene	ND	5.0	ug/Kg	1.00	06/01/2004 19:14	
trans-1,2-Dichloroethene	ND	5.0	ug/Kg	1.00	06/01/2004 19:14	
1,2-Dichloropropane	ND	5.0	ug/Kg	1.00	06/01/2004 19:14	
cis-1,3-Dichloropropene	ND	5.0	ug/Kg	1.00	06/01/2004 19:14	
trans-1,3-Dichloropropene	ND	5.0	ug/Kg	1.00	06/01/2004 19:14	
Ethylbenzene	ND	5.0	ug/Kg	1.00	06/01/2004 19:14	
Hexachlorobutadiene	ND	5.0	ug/Kg	1.00	06/01/2004 19:14	
2-Hexanone	ND	50	ug/Kg	1.00	06/01/2004 19:14	
Isopropylbenzene	ND	5.0	ug/Kg	1.00	06/01/2004 19:14	
p-Isopropyltoluene	ND	5.0	ug/Kg	1.00	06/01/2004 19:14	
Methylene chloride	12	10	ug/Kg	1.00	06/01/2004 19:14	
4-Methyl-2-pentanone (MIBK)	ND	50	ug/Kg	1.00	06/01/2004 19:14	
Naphthalene	ND	10	ug/Kg	1.00	06/01/2004 19:14	
n-Propylbenzene	ND	5.0	ug/Kg	1.00	06/01/2004 19:14	
Styrene	ND	5.0	ug/Kg	1.00	06/01/2004 19:14	
1,1,1,2-Tetrachloroethane	ND	5.0	ug/Kg	1.00	06/01/2004 19:14	
1,1,2,2-Tetrachloroethane	ND	5.0	ug/Kg	1.00	06/01/2004 19:14	
Tetrachloroethene	ND	5.0	ug/Kg	1.00	06/01/2004 19:14	
Toluene	ND	5.0	ug/Kg	1.00	06/01/2004 19:14	
1,2,3-Trichlorobenzene	ND	5.0	ug/Kg	1.00	06/01/2004 19:14	
1,2,4-Trichlorobenzene	ND	5.0	ug/Kg	1.00	06/01/2004 19:14	
1,1,1-Trichloroethane	ND	5.0	ug/Kg	1.00	06/01/2004 19:14	
1,1,2-Trichloroethane	ND	5.0	ug/Kg	1.00	06/01/2004 19:14	
Trichloroethene	ND	5.0	ug/Kg	1.00	06/01/2004 19:14	
Trichlorofluoromethane	ND	5.0	ug/Kg	1.00	06/01/2004 19:14	

SEVERN TRENT STL

Submission #: 2004-05-0900

Volatile Organic Compounds by 8260B (Low Level)

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Project: 869-4A
Milpitas Sewage (Mil. Sewage)

Received: 05/25/2004 17:53

Prep(s): 5035 Test(s): 8260B
Sample ID: BLD-3A Lab ID: 2004-05-0900 - 2
Sampled: 05/21/2004 Extracted: 6/1/2004 19:14
Matrix: Soil QC Batch#: 2004/06/01-01.09

Compound	Conc.	RL	Unit	Dilution	Analyzed	Flag
Trichlorotrifluoroethane	ND	5.0	ug/Kg	1.00	06/01/2004 19:14	
1,2,4-Trimethylbenzene	ND	5.0	ug/Kg	1.00	06/01/2004 19:14	
1,3,5-Trimethylbenzene	ND	5.0	ug/Kg	1.00	06/01/2004 19:14	
Vinyl acetate	ND	50	ug/Kg	1.00	06/01/2004 19:14	
Vinyl chloride	ND	5.0	ug/Kg	1.00	06/01/2004 19:14	
Total xylenes	ND	5.0	ug/Kg	1.00	06/01/2004 19:14	
Surrogate(s)						
4-Bromofluorobenzene	90.0	74-121	%	1.00	06/01/2004 19:14	
1,2-Dichloroethane-d4	103.3	70-121	%	1.00	06/01/2004 19:14	
Toluene-d8	101.1	81-117	%	1.00	06/01/2004 19:14	

Volatile Organic Compounds by 8260B (Low Level)

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Project: 869-4A
Milpitas Sewage (Mil. Sewage)

Received: 05/25/2004 17:53

Prep(s): 5035 | Test(s): 8260B
Sample ID: **BLD-3B** | Lab ID: 2004-05-0900 - 4
Sampled: 05/21/2004 | Extracted: 6/1/2004 19:41
Matrix: Soil | QC Batch#: 2004/06/01-01.09

Compound	Conc.	RL	Unit	Dilution	Analyzed	Flag
MTBE	ND	5.0	ug/Kg	1.00	06/01/2004 19:41	
Acetone	150	50	ug/Kg	1.00	06/01/2004 19:41	
Benzene	ND	5.0	ug/Kg	1.00	06/01/2004 19:41	
Bromodichloromethane	ND	5.0	ug/Kg	1.00	06/01/2004 19:41	
Bromobenzene	ND	5.0	ug/Kg	1.00	06/01/2004 19:41	
Bromochloromethane	ND	20	ug/Kg	1.00	06/01/2004 19:41	
Bromoform	ND	5.0	ug/Kg	1.00	06/01/2004 19:41	
Bromomethane	ND	10	ug/Kg	1.00	06/01/2004 19:41	
2-Butanone(MEK)	ND	50	ug/Kg	1.00	06/01/2004 19:41	
n-Butylbenzene	ND	5.0	ug/Kg	1.00	06/01/2004 19:41	
sec-Butylbenzene	ND	5.0	ug/Kg	1.00	06/01/2004 19:41	
tert-Butylbenzene	ND	5.0	ug/Kg	1.00	06/01/2004 19:41	
Carbon disulfide	ND	5.0	ug/Kg	1.00	06/01/2004 19:41	
Carbon tetrachloride	ND	5.0	ug/Kg	1.00	06/01/2004 19:41	
Chlorobenzene	ND	5.0	ug/Kg	1.00	06/01/2004 19:41	
Chloroethane	ND	10	ug/Kg	1.00	06/01/2004 19:41	
2-Chloroethylvinyl ether	ND	50	ug/Kg	1.00	06/01/2004 19:41	
Chloroform	ND	5.0	ug/Kg	1.00	06/01/2004 19:41	
Chloromethane	ND	10	ug/Kg	1.00	06/01/2004 19:41	
2-Chlorotoluene	ND	5.0	ug/Kg	1.00	06/01/2004 19:41	
4-Chlorotoluene	ND	5.0	ug/Kg	1.00	06/01/2004 19:41	
Dibromochloromethane	ND	5.0	ug/Kg	1.00	06/01/2004 19:41	
1,2-Dichlorobenzene	ND	5.0	ug/Kg	1.00	06/01/2004 19:41	
1,3-Dichlorobenzene	ND	5.0	ug/Kg	1.00	06/01/2004 19:41	
1,4-Dichlorobenzene	ND	5.0	ug/Kg	1.00	06/01/2004 19:41	
1,3-Dichloropropane	ND	5.0	ug/Kg	1.00	06/01/2004 19:41	
2,2-Dichloropropane	ND	5.0	ug/Kg	1.00	06/01/2004 19:41	
1,1-Dichloropropene	ND	5.0	ug/Kg	1.00	06/01/2004 19:41	
1,2-Dibromo-3-chloropropane	ND	50	ug/Kg	1.00	06/01/2004 19:41	
1,2-Dibromoethane	ND	10	ug/Kg	1.00	06/01/2004 19:41	

SEVERN TRENT STL

Submission #: 2004-05-0900

Volatile Organic Compounds by 8260B (Low Level)

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Project: 869-4A
Milpitas Sewage (Mil. Sewage)

Received: 05/25/2004 17:53

Prep(s): 5035 | Test(s): 8260B
Sample ID: **BLD-3B** | Lab ID: 2004-05-0900 - 4
Sampled: 05/21/2004 | Extracted: 6/1/2004 19:41
Matrix: Soil | QC Batch#: 2004/06/01-01.09

Compound	Conc.	RL	Unit	Dilution	Analyzed	Flag
Dibromomethane	ND	10	ug/Kg	1.00	06/01/2004 19:41	
Dichlorodifluoromethane	ND	10	ug/Kg	1.00	06/01/2004 19:41	
1,1-Dichloroethane	ND	5.0	ug/Kg	1.00	06/01/2004 19:41	
1,2-Dichloroethane	ND	5.0	ug/Kg	1.00	06/01/2004 19:41	
1,1-Dichloroethene	ND	5.0	ug/Kg	1.00	06/01/2004 19:41	
cis-1,2-Dichloroethene	ND	5.0	ug/Kg	1.00	06/01/2004 19:41	
trans-1,2-Dichloroethene	ND	5.0	ug/Kg	1.00	06/01/2004 19:41	
1,2-Dichloropropane	ND	5.0	ug/Kg	1.00	06/01/2004 19:41	
cis-1,3-Dichloropropene	ND	5.0	ug/Kg	1.00	06/01/2004 19:41	
trans-1,3-Dichloropropene	ND	5.0	ug/Kg	1.00	06/01/2004 19:41	
Ethylbenzene	ND	5.0	ug/Kg	1.00	06/01/2004 19:41	
Hexachlorobutadiene	ND	5.0	ug/Kg	1.00	06/01/2004 19:41	
2-Hexanone	ND	50	ug/Kg	1.00	06/01/2004 19:41	
Isopropylbenzene	ND	5.0	ug/Kg	1.00	06/01/2004 19:41	
p-Isopropyltoluene	ND	5.0	ug/Kg	1.00	06/01/2004 19:41	
Methylene chloride	ND	10	ug/Kg	1.00	06/01/2004 19:41	
4-Methyl-2-pentanone (MIBK)	ND	50	ug/Kg	1.00	06/01/2004 19:41	
Naphthalene	ND	10	ug/Kg	1.00	06/01/2004 19:41	
n-Propylbenzene	ND	5.0	ug/Kg	1.00	06/01/2004 19:41	
Styrene	ND	5.0	ug/Kg	1.00	06/01/2004 19:41	
1,1,1,2-Tetrachloroethane	ND	5.0	ug/Kg	1.00	06/01/2004 19:41	
1,1,2,2-Tetrachloroethane	ND	5.0	ug/Kg	1.00	06/01/2004 19:41	
Tetrachloroethene	ND	5.0	ug/Kg	1.00	06/01/2004 19:41	
Toluene	ND	5.0	ug/Kg	1.00	06/01/2004 19:41	
1,2,3-Trichlorobenzene	ND	5.0	ug/Kg	1.00	06/01/2004 19:41	
1,2,4-Trichlorobenzene	ND	5.0	ug/Kg	1.00	06/01/2004 19:41	
1,1,1-Trichloroethane	ND	5.0	ug/Kg	1.00	06/01/2004 19:41	
1,1,2-Trichloroethane	ND	5.0	ug/Kg	1.00	06/01/2004 19:41	
Trichloroethene	ND	5.0	ug/Kg	1.00	06/01/2004 19:41	
Trichlorofluoromethane	ND	5.0	ug/Kg	1.00	06/01/2004 19:41	

Volatile Organic Compounds by 8260B (Low Level)

Lowney & Associates Mountain View
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Project: 869-4A
Milpitas Sewage (Mil. Sewage)

Received: 05/25/2004 17:53

Prep(s): 5035 | Test(s): 8260B
Sample ID: **BLD-3B** | Lab ID: 2004-05-0900 - 4
Sampled: 05/21/2004 | Extracted: 6/1/2004 19:41
Matrix: Soil | QC Batch#: 2004/06/01-01.09

Compound	Conc.	RL	Unit	Dilution	Analyzed	Flag
Trichlorotrifluoroethane	ND	5.0	ug/Kg	1.00	06/01/2004 19:41	
1,2,4-Trimethylbenzene	ND	5.0	ug/Kg	1.00	06/01/2004 19:41	
1,3,5-Trimethylbenzene	ND	5.0	ug/Kg	1.00	06/01/2004 19:41	
Vinyl acetate	ND	50	ug/Kg	1.00	06/01/2004 19:41	
Vinyl chloride	ND	5.0	ug/Kg	1.00	06/01/2004 19:41	
Total xylenes	ND	5.0	ug/Kg	1.00	06/01/2004 19:41	
Surrogate(s)						
4-Bromofluorobenzene	92.0	74-121	%	1.00	06/01/2004 19:41	
1,2-Dichloroethane-d4	92.1	70-121	%	1.00	06/01/2004 19:41	
Toluene-d8	97.1	81-117	%	1.00	06/01/2004 19:41	

Volatile Organic Compounds by 8260B (Low Level)

Lowney & Associates Mountain View
Attn.: Stason Foster

405 Clyde Ave
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Phone: (650) 967-2365 Fax: (650) 967-2785

Project: 869-4A
Milpitas Sewage (Mil. Sewage)

Received: 05/25/2004 17:53

Prep(s): 5035 | Test(s): 8260B
Sample ID: **BLD-8B** | Lab ID: 2004-05-0900 - 9
Sampled: 05/24/2004 | Extracted: 6/1/2004 20:33
Matrix: Soil | QC Batch#: 2004/06/01-01.09

Compound	Conc.	RL	Unit	Dilution	Analyzed	Flag
MTBE	ND	5.0	ug/Kg	1.00	06/01/2004 20:33	
Acetone	250	50	ug/Kg	1.00	06/01/2004 20:33	
Benzene	ND	5.0	ug/Kg	1.00	06/01/2004 20:33	
Bromodichloromethane	ND	5.0	ug/Kg	1.00	06/01/2004 20:33	
Bromobenzene	ND	5.0	ug/Kg	1.00	06/01/2004 20:33	
Bromochloromethane	ND	20	ug/Kg	1.00	06/01/2004 20:33	
Bromoform	ND	5.0	ug/Kg	1.00	06/01/2004 20:33	
Bromomethane	ND	10	ug/Kg	1.00	06/01/2004 20:33	
2-Butanone(MEK)	ND	50	ug/Kg	1.00	06/01/2004 20:33	
n-Butylbenzene	ND	5.0	ug/Kg	1.00	06/01/2004 20:33	
sec-Butylbenzene	ND	5.0	ug/Kg	1.00	06/01/2004 20:33	
tert-Butylbenzene	ND	5.0	ug/Kg	1.00	06/01/2004 20:33	
Carbon disulfide	ND	5.0	ug/Kg	1.00	06/01/2004 20:33	
Carbon tetrachloride	ND	5.0	ug/Kg	1.00	06/01/2004 20:33	
Chlorobenzene	ND	5.0	ug/Kg	1.00	06/01/2004 20:33	
Chloroethane	ND	10	ug/Kg	1.00	06/01/2004 20:33	
2-Chloroethylvinyl ether	ND	50	ug/Kg	1.00	06/01/2004 20:33	
Chloroform	ND	5.0	ug/Kg	1.00	06/01/2004 20:33	
Chloromethane	ND	10	ug/Kg	1.00	06/01/2004 20:33	
2-Chlorotoluene	ND	5.0	ug/Kg	1.00	06/01/2004 20:33	
4-Chlorotoluene	ND	5.0	ug/Kg	1.00	06/01/2004 20:33	
Dibromochloromethane	ND	5.0	ug/Kg	1.00	06/01/2004 20:33	
1,2-Dichlorobenzene	ND	5.0	ug/Kg	1.00	06/01/2004 20:33	
1,3-Dichlorobenzene	ND	5.0	ug/Kg	1.00	06/01/2004 20:33	
1,4-Dichlorobenzene	ND	5.0	ug/Kg	1.00	06/01/2004 20:33	
1,3-Dichloropropane	ND	5.0	ug/Kg	1.00	06/01/2004 20:33	
2,2-Dichloropropane	ND	5.0	ug/Kg	1.00	06/01/2004 20:33	
1,1-Dichloropropene	ND	5.0	ug/Kg	1.00	06/01/2004 20:33	
1,2-Dibromo-3-chloropropane	ND	50	ug/Kg	1.00	06/01/2004 20:33	
1,2-Dibromoethane	ND	10	ug/Kg	1.00	06/01/2004 20:33	

Volatile Organic Compounds by 8260B (Low Level)

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Project: 869-4A
Milpitas Sewage (Mil. Sewage)

Received: 05/25/2004 17:53

Prep(s): 5035
Test(s): 8260B
Sample ID: **BLD-8B**
Lab ID: 2004-05-0900 - 9
Sampled: 05/24/2004
Extracted: 6/1/2004 20:33
Matrix: Soil
QC Batch#: 2004/06/01-01.09

Compound	Conc.	RL	Unit	Dilution	Analyzed	Flag
Dibromomethane	ND	10	ug/Kg	1.00	06/01/2004 20:33	
Dichlorodifluoromethane	ND	10	ug/Kg	1.00	06/01/2004 20:33	
1,1-Dichloroethane	ND	5.0	ug/Kg	1.00	06/01/2004 20:33	
1,2-Dichloroethane	ND	5.0	ug/Kg	1.00	06/01/2004 20:33	
1,1-Dichloroethene	ND	5.0	ug/Kg	1.00	06/01/2004 20:33	
cis-1,2-Dichloroethene	ND	5.0	ug/Kg	1.00	06/01/2004 20:33	
trans-1,2-Dichloroethene	ND	5.0	ug/Kg	1.00	06/01/2004 20:33	
1,2-Dichloropropane	ND	5.0	ug/Kg	1.00	06/01/2004 20:33	
cis-1,3-Dichloropropene	ND	5.0	ug/Kg	1.00	06/01/2004 20:33	
trans-1,3-Dichloropropene	ND	5.0	ug/Kg	1.00	06/01/2004 20:33	
Ethylbenzene	ND	5.0	ug/Kg	1.00	06/01/2004 20:33	
Hexachlorobutadiene	ND	5.0	ug/Kg	1.00	06/01/2004 20:33	
2-Hexanone	ND	50	ug/Kg	1.00	06/01/2004 20:33	
Isopropylbenzene	ND	5.0	ug/Kg	1.00	06/01/2004 20:33	
p-Isopropyltoluene	ND	5.0	ug/Kg	1.00	06/01/2004 20:33	
Methylene chloride	ND	10	ug/Kg	1.00	06/01/2004 20:33	
4-Methyl-2-pentanone (MIBK)	ND	50	ug/Kg	1.00	06/01/2004 20:33	
Naphthalene	ND	10	ug/Kg	1.00	06/01/2004 20:33	
n-Propylbenzene	ND	5.0	ug/Kg	1.00	06/01/2004 20:33	
Styrene	ND	5.0	ug/Kg	1.00	06/01/2004 20:33	
1,1,1,2-Tetrachloroethane	ND	5.0	ug/Kg	1.00	06/01/2004 20:33	
1,1,2,2-Tetrachloroethane	ND	5.0	ug/Kg	1.00	06/01/2004 20:33	
Tetrachloroethene	ND	5.0	ug/Kg	1.00	06/01/2004 20:33	
Toluene	ND	5.0	ug/Kg	1.00	06/01/2004 20:33	
1,2,3-Trichlorobenzene	ND	5.0	ug/Kg	1.00	06/01/2004 20:33	
1,2,4-Trichlorobenzene	ND	5.0	ug/Kg	1.00	06/01/2004 20:33	
1,1,1-Trichloroethane	ND	5.0	ug/Kg	1.00	06/01/2004 20:33	
1,1,2-Trichloroethane	ND	5.0	ug/Kg	1.00	06/01/2004 20:33	
Trichloroethene	ND	5.0	ug/Kg	1.00	06/01/2004 20:33	
Trichlorofluoromethane	ND	5.0	ug/Kg	1.00	06/01/2004 20:33	

SEVERN TRENT STL

Submission #: 2004-05-0900

Volatile Organic Compounds by 8260B (Low Level)

Lowney & Associates Mountain View
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Phone: (650) 967-2365 Fax: (650) 967-2785

Project: 869-4A
Milpitas Sewage (Mil. Sewage)

Received: 05/25/2004 17:53

Prep(s): 5035
Test(s): 8260B
Sample ID: **BLD-8B**
Lab ID: 2004-05-0900 - 9
Sampled: 05/24/2004
Extracted: 6/1/2004 20:33
Matrix: Soil
QC Batch#: 2004/06/01-01.09

Compound	Conc.	RL	Unit	Dilution	Analyzed	Flag
Trichlorotrifluoroethane	ND	5.0	ug/Kg	1.00	06/01/2004 20:33	
1,2,4-Trimethylbenzene	ND	5.0	ug/Kg	1.00	06/01/2004 20:33	
1,3,5-Trimethylbenzene	ND	5.0	ug/Kg	1.00	06/01/2004 20:33	
Vinyl acetate	ND	50	ug/Kg	1.00	06/01/2004 20:33	
Vinyl chloride	ND	5.0	ug/Kg	1.00	06/01/2004 20:33	
Total xylenes	ND	5.0	ug/Kg	1.00	06/01/2004 20:33	
Surrogate(s)						
4-Bromofluorobenzene	83.4	74-121	%	1.00	06/01/2004 20:33	
1,2-Dichloroethane-d4	105.7	70-121	%	1.00	06/01/2004 20:33	
Toluene-d8	90.4	81-117	%	1.00	06/01/2004 20:33	

Volatile Organic Compounds by 8260B (Low Level)

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Project: 869-4A
Milpitas Sewage (Mil. Sewage)

Received: 05/25/2004 17:53

Prep(s): 5035 | Test(s): 8260B
Sample ID: **BLD-9B** | Lab ID: 2004-05-0900 - 11
Sampled: 05/24/2004 | Extracted: 6/1/2004 21:00
Matrix: Soil | QC Batch#: 2004/06/01-01.09

Compound	Conc.	RL	Unit	Dilution	Analyzed	Flag
MTBE	ND	5.0	ug/Kg	1.00	06/01/2004 21:00	
Acetone	ND	50	ug/Kg	1.00	06/01/2004 21:00	
Benzene	ND	5.0	ug/Kg	1.00	06/01/2004 21:00	
Bromodichloromethane	ND	5.0	ug/Kg	1.00	06/01/2004 21:00	
Bromobenzene	ND	5.0	ug/Kg	1.00	06/01/2004 21:00	
Bromochloromethane	ND	20	ug/Kg	1.00	06/01/2004 21:00	
Bromoform	ND	5.0	ug/Kg	1.00	06/01/2004 21:00	
Bromomethane	ND	10	ug/Kg	1.00	06/01/2004 21:00	
2-Butanone(MEK)	ND	50	ug/Kg	1.00	06/01/2004 21:00	
n-Butylbenzene	ND	5.0	ug/Kg	1.00	06/01/2004 21:00	
sec-Butylbenzene	ND	5.0	ug/Kg	1.00	06/01/2004 21:00	
tert-Butylbenzene	ND	5.0	ug/Kg	1.00	06/01/2004 21:00	
Carbon disulfide	ND	5.0	ug/Kg	1.00	06/01/2004 21:00	
Carbon tetrachloride	ND	5.0	ug/Kg	1.00	06/01/2004 21:00	
Chlorobenzene	ND	5.0	ug/Kg	1.00	06/01/2004 21:00	
Chloroethane	ND	10	ug/Kg	1.00	06/01/2004 21:00	
2-Chloroethylvinyl ether	ND	50	ug/Kg	1.00	06/01/2004 21:00	
Chloroform	ND	5.0	ug/Kg	1.00	06/01/2004 21:00	
Chloromethane	ND	10	ug/Kg	1.00	06/01/2004 21:00	
2-Chlorotoluene	ND	5.0	ug/Kg	1.00	06/01/2004 21:00	
4-Chlorotoluene	ND	5.0	ug/Kg	1.00	06/01/2004 21:00	
Dibromochloromethane	ND	5.0	ug/Kg	1.00	06/01/2004 21:00	
1,2-Dichlorobenzene	ND	5.0	ug/Kg	1.00	06/01/2004 21:00	
1,3-Dichlorobenzene	ND	5.0	ug/Kg	1.00	06/01/2004 21:00	
1,4-Dichlorobenzene	ND	5.0	ug/Kg	1.00	06/01/2004 21:00	
1,3-Dichloropropane	ND	5.0	ug/Kg	1.00	06/01/2004 21:00	
2,2-Dichloropropane	ND	5.0	ug/Kg	1.00	06/01/2004 21:00	
1,1-Dichloropropene	ND	5.0	ug/Kg	1.00	06/01/2004 21:00	
1,2-Dibromo-3-chloropropane	ND	50	ug/Kg	1.00	06/01/2004 21:00	
1,2-Dibromoethane	ND	10	ug/Kg	1.00	06/01/2004 21:00	

Volatile Organic Compounds by 8260B (Low Level)

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Project: 869-4A
Milpitas Sewage (Mil. Sewage)

Received: 05/25/2004 17:53

Prep(s): 5035 | Test(s): 8260B
Sample ID: **BLD-9B** | Lab ID: 2004-05-0900 - 11
Sampled: 05/24/2004 | Extracted: 6/1/2004 21:00
Matrix: Soil | QC Batch#: 2004/06/01-01.09

Compound	Conc.	RL	Unit	Dilution	Analyzed	Flag
Dibromomethane	ND	10	ug/Kg	1.00	06/01/2004 21:00	
Dichlorodifluoromethane	ND	10	ug/Kg	1.00	06/01/2004 21:00	
1,1-Dichloroethane	ND	5.0	ug/Kg	1.00	06/01/2004 21:00	
1,2-Dichloroethane	ND	5.0	ug/Kg	1.00	06/01/2004 21:00	
1,1-Dichloroethene	ND	5.0	ug/Kg	1.00	06/01/2004 21:00	
cis-1,2-Dichloroethene	ND	5.0	ug/Kg	1.00	06/01/2004 21:00	
trans-1,2-Dichloroethene	ND	5.0	ug/Kg	1.00	06/01/2004 21:00	
1,2-Dichloropropane	ND	5.0	ug/Kg	1.00	06/01/2004 21:00	
cis-1,3-Dichloropropene	ND	5.0	ug/Kg	1.00	06/01/2004 21:00	
trans-1,3-Dichloropropene	ND	5.0	ug/Kg	1.00	06/01/2004 21:00	
Ethylbenzene	ND	5.0	ug/Kg	1.00	06/01/2004 21:00	
Hexachlorobutadiene	ND	5.0	ug/Kg	1.00	06/01/2004 21:00	
2-Hexanone	ND	50	ug/Kg	1.00	06/01/2004 21:00	
Isopropylbenzene	ND	5.0	ug/Kg	1.00	06/01/2004 21:00	
p-Isopropyltoluene	ND	5.0	ug/Kg	1.00	06/01/2004 21:00	
Methylene chloride	ND	10	ug/Kg	1.00	06/01/2004 21:00	
4-Methyl-2-pentanone (MIBK)	ND	50	ug/Kg	1.00	06/01/2004 21:00	
Naphthalene	ND	10	ug/Kg	1.00	06/01/2004 21:00	
n-Propylbenzene	ND	5.0	ug/Kg	1.00	06/01/2004 21:00	
Styrene	ND	5.0	ug/Kg	1.00	06/01/2004 21:00	
1,1,1,2-Tetrachloroethane	ND	5.0	ug/Kg	1.00	06/01/2004 21:00	
1,1,2,2-Tetrachloroethane	ND	5.0	ug/Kg	1.00	06/01/2004 21:00	
Tetrachloroethene	ND	5.0	ug/Kg	1.00	06/01/2004 21:00	
Toluene	ND	5.0	ug/Kg	1.00	06/01/2004 21:00	
1,2,3-Trichlorobenzene	ND	5.0	ug/Kg	1.00	06/01/2004 21:00	
1,2,4-Trichlorobenzene	ND	5.0	ug/Kg	1.00	06/01/2004 21:00	
1,1,1-Trichloroethane	ND	5.0	ug/Kg	1.00	06/01/2004 21:00	
1,1,2-Trichloroethane	ND	5.0	ug/Kg	1.00	06/01/2004 21:00	
Trichloroethene	ND	5.0	ug/Kg	1.00	06/01/2004 21:00	
Trichlorofluoromethane	ND	5.0	ug/Kg	1.00	06/01/2004 21:00	

Volatile Organic Compounds by 8260B (Low Level)

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Project: 869-4A
Milpitas Sewage (Mil. Sewage)

Received: 05/25/2004 17:53

Prep(s): 5035 | Test(s): 8260B
Sample ID: **BLD-9B** | Lab ID: 2004-05-0900 - 11
Sampled: 05/24/2004 | Extracted: 6/1/2004 21:00
Matrix: Soil | QC Batch#: 2004/06/01-01.09

Compound	Conc.	RL	Unit	Dilution	Analyzed	Flag
Trichlorotrifluoroethane	ND	5.0	ug/Kg	1.00	06/01/2004 21:00	
1,2,4-Trimethylbenzene	ND	5.0	ug/Kg	1.00	06/01/2004 21:00	
1,3,5-Trimethylbenzene	ND	5.0	ug/Kg	1.00	06/01/2004 21:00	
Vinyl acetate	ND	50	ug/Kg	1.00	06/01/2004 21:00	
Vinyl chloride	ND	5.0	ug/Kg	1.00	06/01/2004 21:00	
Total xylenes	ND	5.0	ug/Kg	1.00	06/01/2004 21:00	
Surrogate(s)						
4-Bromofluorobenzene	94.8	74-121	%	1.00	06/01/2004 21:00	
1,2-Dichloroethane-d4	96.2	70-121	%	1.00	06/01/2004 21:00	
Toluene-d8	91.6	81-117	%	1.00	06/01/2004 21:00	

Volatile Organic Compounds by 8260B (Low Level)

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Project: 869-4A
Milpitas Sewage (Mil. Sewage)

Received: 05/25/2004 17:53

Prep(s): 5035 | Test(s): 8260B
Sample ID: **BLD-9C** | Lab ID: 2004-05-0900 - 13
Sampled: 05/24/2004 | Extracted: 6/3/2004 17:29
Matrix: Soil | QC Batch#: 2004/06/03-01.06

Compound	Conc.	RL	Unit	Dilution	Analyzed	Flag
MTBE	ND	5.0	ug/Kg	1.00	06/03/2004 17:29	
Acetone	110	50	ug/Kg	1.00	06/03/2004 17:29	
Benzene	ND	5.0	ug/Kg	1.00	06/03/2004 17:29	
Bromodichloromethane	ND	5.0	ug/Kg	1.00	06/03/2004 17:29	
Bromobenzene	ND	5.0	ug/Kg	1.00	06/03/2004 17:29	
Bromochloromethane	ND	20	ug/Kg	1.00	06/03/2004 17:29	
Bromoform	ND	5.0	ug/Kg	1.00	06/03/2004 17:29	
Bromomethane	ND	10	ug/Kg	1.00	06/03/2004 17:29	
2-Butanone(MEK)	ND	50	ug/Kg	1.00	06/03/2004 17:29	
n-Butylbenzene	ND	5.0	ug/Kg	1.00	06/03/2004 17:29	
sec-Butylbenzene	ND	5.0	ug/Kg	1.00	06/03/2004 17:29	
tert-Butylbenzene	ND	5.0	ug/Kg	1.00	06/03/2004 17:29	
Carbon disulfide	ND	5.0	ug/Kg	1.00	06/03/2004 17:29	
Carbon tetrachloride	ND	5.0	ug/Kg	1.00	06/03/2004 17:29	
Chlorobenzene	ND	5.0	ug/Kg	1.00	06/03/2004 17:29	
Chloroethane	ND	10	ug/Kg	1.00	06/03/2004 17:29	
2-Chloroethylvinyl ether	ND	50	ug/Kg	1.00	06/03/2004 17:29	
Chloroform	ND	5.0	ug/Kg	1.00	06/03/2004 17:29	
Chloromethane	ND	10	ug/Kg	1.00	06/03/2004 17:29	
2-Chlorotoluene	ND	5.0	ug/Kg	1.00	06/03/2004 17:29	
4-Chlorotoluene	ND	5.0	ug/Kg	1.00	06/03/2004 17:29	
Dibromochloromethane	ND	5.0	ug/Kg	1.00	06/03/2004 17:29	
1,2-Dichlorobenzene	ND	5.0	ug/Kg	1.00	06/03/2004 17:29	
1,3-Dichlorobenzene	ND	5.0	ug/Kg	1.00	06/03/2004 17:29	
1,4-Dichlorobenzene	ND	5.0	ug/Kg	1.00	06/03/2004 17:29	
1,3-Dichloropropane	ND	5.0	ug/Kg	1.00	06/03/2004 17:29	
2,2-Dichloropropane	ND	5.0	ug/Kg	1.00	06/03/2004 17:29	
1,1-Dichloropropene	ND	5.0	ug/Kg	1.00	06/03/2004 17:29	
1,2-Dibromo-3-chloropropane	ND	50	ug/Kg	1.00	06/03/2004 17:29	
1,2-Dibromoethane	ND	10	ug/Kg	1.00	06/03/2004 17:29	

Volatile Organic Compounds by 8260B (Low Level)

Lowney & Associates Mountain View
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Project: 869-4A
Milpitas Sewage (Mil. Sewage)

Received: 05/25/2004 17:53

Prep(s):	5035	Test(s):	8260B
Sample ID:	**BLD-9C**	Lab ID:	2004-05-0900 - 13
Sampled:	05/24/2004	Extracted:	6/3/2004 17:29
Matrix:	Soil	QC Batch#:	2004/06/03-01.06

Compound	Conc.	RL	Unit	Dilution	Analyzed	Flag
Dibromomethane	ND	10	ug/Kg	1.00	06/03/2004 17:29	
Dichlorodifluoromethane	ND	10	ug/Kg	1.00	06/03/2004 17:29	
1,1-Dichloroethane	ND	5.0	ug/Kg	1.00	06/03/2004 17:29	
1,2-Dichloroethane	ND	5.0	ug/Kg	1.00	06/03/2004 17:29	
1,1-Dichloroethene	ND	5.0	ug/Kg	1.00	06/03/2004 17:29	
cis-1,2-Dichloroethene	ND	5.0	ug/Kg	1.00	06/03/2004 17:29	
trans-1,2-Dichloroethene	ND	5.0	ug/Kg	1.00	06/03/2004 17:29	
1,2-Dichloropropane	ND	5.0	ug/Kg	1.00	06/03/2004 17:29	
cis-1,3-Dichloropropene	ND	5.0	ug/Kg	1.00	06/03/2004 17:29	
trans-1,3-Dichloropropene	ND	5.0	ug/Kg	1.00	06/03/2004 17:29	
Ethylbenzene	ND	5.0	ug/Kg	1.00	06/03/2004 17:29	
Hexachlorobutadiene	ND	5.0	ug/Kg	1.00	06/03/2004 17:29	
2-Hexanone	ND	50	ug/Kg	1.00	06/03/2004 17:29	
Isopropylbenzene	ND	5.0	ug/Kg	1.00	06/03/2004 17:29	
p-Isopropyltoluene	ND	5.0	ug/Kg	1.00	06/03/2004 17:29	
Methylene chloride	ND	10	ug/Kg	1.00	06/03/2004 17:29	
4-Methyl-2-pentanone (MIBK)	ND	50	ug/Kg	1.00	06/03/2004 17:29	
Naphthalene	ND	10	ug/Kg	1.00	06/03/2004 17:29	
n-Propylbenzene	ND	5.0	ug/Kg	1.00	06/03/2004 17:29	
Styrene	ND	5.0	ug/Kg	1.00	06/03/2004 17:29	
1,1,1,2-Tetrachloroethane	ND	5.0	ug/Kg	1.00	06/03/2004 17:29	
1,1,2,2-Tetrachloroethane	ND	5.0	ug/Kg	1.00	06/03/2004 17:29	
Tetrachloroethene	ND	5.0	ug/Kg	1.00	06/03/2004 17:29	
Toluene	ND	5.0	ug/Kg	1.00	06/03/2004 17:29	
1,2,3-Trichlorobenzene	ND	5.0	ug/Kg	1.00	06/03/2004 17:29	
1,2,4-Trichlorobenzene	ND	5.0	ug/Kg	1.00	06/03/2004 17:29	
1,1,1-Trichloroethane	ND	5.0	ug/Kg	1.00	06/03/2004 17:29	
1,1,2-Trichloroethane	ND	5.0	ug/Kg	1.00	06/03/2004 17:29	
Trichloroethene	ND	5.0	ug/Kg	1.00	06/03/2004 17:29	
Trichlorofluoromethane	ND	5.0	ug/Kg	1.00	06/03/2004 17:29	

SEVERN TRENT STL

Submission #: 2004-05-0900

Volatile Organic Compounds by 8260B (Low Level)

Lowney & Associates Mountain View
Attn.: Stason Foster

405 Clyde Ave
Mountain View, CA 94043-2209
Phone: (650) 967-2365 Fax: (650) 967-2785

Project: 869-4A
Milpitas Sewage (Mil. Sewage)

Received: 05/25/2004 17:53

Prep(s):	5035	Test(s):	8260B
Sample ID:	**BLD-9C**	Lab ID:	2004-05-0900 - 13
Sampled:	05/24/2004	Extracted:	6/3/2004 17:29
Matrix:	Soil	QC Batch#:	2004/06/03-01.06

Compound	Conc.	RL	Unit	Dilution	Analyzed	Flag
Trichlorotrifluoroethane	ND	5.0	ug/Kg	1.00	06/03/2004 17:29	
1,2,4-Trimethylbenzene	45	5.0	ug/Kg	1.00	06/03/2004 17:29	
1,3,5-Trimethylbenzene	19	5.0	ug/Kg	1.00	06/03/2004 17:29	
Vinyl acetate	ND	50	ug/Kg	1.00	06/03/2004 17:29	
Vinyl chloride	ND	5.0	ug/Kg	1.00	06/03/2004 17:29	
Total xylenes	ND	5.0	ug/Kg	1.00	06/03/2004 17:29	
Surrogate(s)						
4-Bromofluorobenzene	109.3	74-121	%	1.00	06/03/2004 17:29	
1,2-Dichloroethane-d4	99.4	70-121	%	1.00	06/03/2004 17:29	
Toluene-d8	91.0	81-117	%	1.00	06/03/2004 17:29	

Volatile Organic Compounds by 8260B (Low Level)

Lowney & Associates Mountain View
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Project: 869-4A
Milpitas Sewage (Mil. Sewage)

Received: 05/25/2004 17:53

Prep(s): 5035 | Test(s): 8260B
Sample ID: **BLD-10B** | Lab ID: 2004-05-0900 - 17
Sampled: 05/24/2004 | Extracted: 6/4/2004 14:56
Matrix: Soil | QC Batch#: 2004/06/04-01.09

Compound	Conc.	RL	Unit	Dilution	Analyzed	Flag
MTBE	ND	5.0	ug/Kg	1.00	06/04/2004 14:56	
Acetone	240	50	ug/Kg	1.00	06/04/2004 14:56	
Benzene	ND	5.0	ug/Kg	1.00	06/04/2004 14:56	
Bromodichloromethane	ND	5.0	ug/Kg	1.00	06/04/2004 14:56	
Bromobenzene	ND	5.0	ug/Kg	1.00	06/04/2004 14:56	
Bromochloromethane	ND	20	ug/Kg	1.00	06/04/2004 14:56	
Bromoform	ND	5.0	ug/Kg	1.00	06/04/2004 14:56	
Bromomethane	ND	10	ug/Kg	1.00	06/04/2004 14:56	
2-Butanone(MEK)	ND	50	ug/Kg	1.00	06/04/2004 14:56	
n-Butylbenzene	ND	5.0	ug/Kg	1.00	06/04/2004 14:56	
sec-Butylbenzene	ND	5.0	ug/Kg	1.00	06/04/2004 14:56	
tert-Butylbenzene	ND	5.0	ug/Kg	1.00	06/04/2004 14:56	
Carbon disulfide	ND	5.0	ug/Kg	1.00	06/04/2004 14:56	
Carbon tetrachloride	ND	5.0	ug/Kg	1.00	06/04/2004 14:56	
Chlorobenzene	ND	5.0	ug/Kg	1.00	06/04/2004 14:56	
Chloroethane	ND	10	ug/Kg	1.00	06/04/2004 14:56	
2-Chloroethylvinyl ether	ND	50	ug/Kg	1.00	06/04/2004 14:56	
Chloroform	ND	5.0	ug/Kg	1.00	06/04/2004 14:56	
Chloromethane	ND	10	ug/Kg	1.00	06/04/2004 14:56	
2-Chlorotoluene	ND	5.0	ug/Kg	1.00	06/04/2004 14:56	
4-Chlorotoluene	ND	5.0	ug/Kg	1.00	06/04/2004 14:56	
Dibromochloromethane	ND	5.0	ug/Kg	1.00	06/04/2004 14:56	
1,2-Dichlorobenzene	ND	5.0	ug/Kg	1.00	06/04/2004 14:56	
1,3-Dichlorobenzene	ND	5.0	ug/Kg	1.00	06/04/2004 14:56	
1,4-Dichlorobenzene	ND	5.0	ug/Kg	1.00	06/04/2004 14:56	
1,3-Dichloropropane	ND	5.0	ug/Kg	1.00	06/04/2004 14:56	
2,2-Dichloropropane	ND	5.0	ug/Kg	1.00	06/04/2004 14:56	
1,1-Dichloropropene	ND	5.0	ug/Kg	1.00	06/04/2004 14:56	
1,2-Dibromo-3-chloropropane	ND	50	ug/Kg	1.00	06/04/2004 14:56	
1,2-Dibromoethane	ND	10	ug/Kg	1.00	06/04/2004 14:56	

SEVERN TRENT STL

Submission #: 2004-05-0900

Volatile Organic Compounds by 8260B (Low Level)

Lowney & Associates Mountain View
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Project: 869-4A
Milpitas Sewage (Mil. Sewage)

Received: 05/25/2004 17:53

Prep(s): 5035 | Test(s): 8260B
Sample ID: **BLD-10B** | Lab ID: 2004-05-0900 - 17
Sampled: 05/24/2004 | Extracted: 6/4/2004 14:56
Matrix: Soil | QC Batch#: 2004/06/04-01.09

Compound	Conc.	RL	Unit	Dilution	Analyzed	Flag
Dibromomethane	ND	10	ug/Kg	1.00	06/04/2004 14:56	
Dichlorodifluoromethane	ND	10	ug/Kg	1.00	06/04/2004 14:56	
1,1-Dichloroethane	ND	5.0	ug/Kg	1.00	06/04/2004 14:56	
1,2-Dichloroethane	ND	5.0	ug/Kg	1.00	06/04/2004 14:56	
1,1-Dichloroethene	ND	5.0	ug/Kg	1.00	06/04/2004 14:56	
cis-1,2-Dichloroethene	ND	5.0	ug/Kg	1.00	06/04/2004 14:56	
trans-1,2-Dichloroethene	ND	5.0	ug/Kg	1.00	06/04/2004 14:56	
1,2-Dichloropropane	ND	5.0	ug/Kg	1.00	06/04/2004 14:56	
cis-1,3-Dichloropropene	ND	5.0	ug/Kg	1.00	06/04/2004 14:56	
trans-1,3-Dichloropropene	ND	5.0	ug/Kg	1.00	06/04/2004 14:56	
Ethylbenzene	ND	5.0	ug/Kg	1.00	06/04/2004 14:56	
Hexachlorobutadiene	ND	5.0	ug/Kg	1.00	06/04/2004 14:56	
2-Hexanone	ND	50	ug/Kg	1.00	06/04/2004 14:56	
Isopropylbenzene	ND	5.0	ug/Kg	1.00	06/04/2004 14:56	
p-Isopropyltoluene	ND	5.0	ug/Kg	1.00	06/04/2004 14:56	
Methylene chloride	ND	10	ug/Kg	1.00	06/04/2004 14:56	
4-Methyl-2-pentanone (MIBK)	ND	50	ug/Kg	1.00	06/04/2004 14:56	
Naphthalene	ND	10	ug/Kg	1.00	06/04/2004 14:56	
n-Propylbenzene	ND	5.0	ug/Kg	1.00	06/04/2004 14:56	
Styrene	ND	5.0	ug/Kg	1.00	06/04/2004 14:56	
1,1,1,2-Tetrachloroethane	ND	5.0	ug/Kg	1.00	06/04/2004 14:56	
1,1,2,2-Tetrachloroethane	ND	5.0	ug/Kg	1.00	06/04/2004 14:56	
Tetrachloroethene	ND	5.0	ug/Kg	1.00	06/04/2004 14:56	
Toluene	ND	5.0	ug/Kg	1.00	06/04/2004 14:56	
1,2,3-Trichlorobenzene	ND	5.0	ug/Kg	1.00	06/04/2004 14:56	
1,2,4-Trichlorobenzene	ND	5.0	ug/Kg	1.00	06/04/2004 14:56	
1,1,1-Trichloroethane	ND	5.0	ug/Kg	1.00	06/04/2004 14:56	
1,1,2-Trichloroethane	ND	5.0	ug/Kg	1.00	06/04/2004 14:56	
Trichloroethene	ND	5.0	ug/Kg	1.00	06/04/2004 14:56	
Trichlorofluoromethane	ND	5.0	ug/Kg	1.00	06/04/2004 14:56	

Volatile Organic Compounds by 8260B (Low Level)

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Project: 869-4A
Milpitas Sewage (Mil. Sewage)

Received: 05/25/2004 17:53

Prep(s):	5035	Test(s):	8260B
Sample ID:	**BLD-10B**	Lab ID:	2004-05-0900 - 17
Sampled:	05/24/2004	Extracted:	6/4/2004 14:56
Matrix:	Soil	QC Batch#:	2004/06/04-01.09

Compound	Conc.	RL	Unit	Dilution	Analyzed	Flag
Trichlorotrifluoroethane	ND	5.0	ug/Kg	1.00	06/04/2004 14:56	
1,2,4-Trimethylbenzene	ND	5.0	ug/Kg	1.00	06/04/2004 14:56	
1,3,5-Trimethylbenzene	ND	5.0	ug/Kg	1.00	06/04/2004 14:56	
Vinyl acetate	ND	50	ug/Kg	1.00	06/04/2004 14:56	
Vinyl chloride	ND	5.0	ug/Kg	1.00	06/04/2004 14:56	
Total xylenes	ND	5.0	ug/Kg	1.00	06/04/2004 14:56	
Surrogate(s)						
4-Bromofluorobenzene	85.4	74-121	%	1.00	06/04/2004 14:56	
1,2-Dichloroethane-d4	84.4	70-121	%	1.00	06/04/2004 14:56	
Toluene-d8	97.7	81-117	%	1.00	06/04/2004 14:56	

Volatile Organic Compounds by 8260B (Low Level)

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Project: 869-4A
Milpitas Sewage (Mil. Sewage)

Received: 05/25/2004 17:53

Batch QC Report

Prep(s): 5035 — Test(s): 8260B

Method Blank — Soil — **QC Batch # 2004/06/01-01.09**

MB: 2004/06/01-01.09-004 — Date Extracted: 06/01/2004 11:46

Compound	Conc.	RL	Unit	Analyzed	Flag
MTBE	ND	5.0	ug/Kg	06/01/2004 11:46	
Acetone	ND	50	ug/Kg	06/01/2004 11:46	
Benzene	ND	5.0	ug/Kg	06/01/2004 11:46	
Bromodichloromethane	ND	5.0	ug/Kg	06/01/2004 11:46	
Bromobenzene	ND	5.0	ug/Kg	06/01/2004 11:46	
Bromochloromethane	ND	20	ug/Kg	06/01/2004 11:46	
Bromoform	ND	5.0	ug/Kg	06/01/2004 11:46	
Bromomethane	ND	10	ug/Kg	06/01/2004 11:46	
2-Butanone(MEK)	ND	50	ug/Kg	06/01/2004 11:46	
n-Butylbenzene	ND	5.0	ug/Kg	06/01/2004 11:46	
sec-Butylbenzene	ND	5.0	ug/Kg	06/01/2004 11:46	
tert-Butylbenzene	ND	5.0	ug/Kg	06/01/2004 11:46	
Carbon disulfide	ND	5.0	ug/Kg	06/01/2004 11:46	
Carbon tetrachloride	ND	5.0	ug/Kg	06/01/2004 11:46	
Chlorobenzene	ND	5.0	ug/Kg	06/01/2004 11:46	
Chloroethane	ND	10	ug/Kg	06/01/2004 11:46	
2-Chloroethylvinyl ether	ND	50	ug/Kg	06/01/2004 11:46	
Chloroform	ND	5.0	ug/Kg	06/01/2004 11:46	
Chloromethane	ND	10	ug/Kg	06/01/2004 11:46	
2-Chlorotoluene	ND	5.0	ug/Kg	06/01/2004 11:46	
4-Chlorotoluene	ND	5.0	ug/Kg	06/01/2004 11:46	
Dibromochloromethane	ND	5.0	ug/Kg	06/01/2004 11:46	
1,2-Dichlorobenzene	ND	5.0	ug/Kg	06/01/2004 11:46	
1,3-Dichlorobenzene	ND	5.0	ug/Kg	06/01/2004 11:46	
1,4-Dichlorobenzene	ND	5.0	ug/Kg	06/01/2004 11:46	
1,3-Dichloropropane	ND	5.0	ug/Kg	06/01/2004 11:46	
2,2-Dichloropropane	ND	5.0	ug/Kg	06/01/2004 11:46	
1,1-Dichloropropene	ND	5.0	ug/Kg	06/01/2004 11:46	
1,2-Dibromo-3-chloropropane	ND	50	ug/Kg	06/01/2004 11:46	
1,2-Dibromoethane	ND	10	ug/Kg	06/01/2004 11:46	

Volatile Organic Compounds by 8260B (Low Level)

Lowney & Associates Mountain View
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Project: 869-4A
Milpitas Sewage (Mil. Sewage)

Received: 05/25/2004 17:53

Batch QC Report

Prep(s): 5035 Test(s): 8260B

Method Blank **Soil** **QC Batch # 2004/06/01-01.09**

MB: 2004/06/01-01.09-004 Date Extracted: 06/01/2004 11:46

Compound	Conc.	RL	Unit	Analyzed	Flag
Dibromomethane	ND	10	ug/Kg	06/01/2004 11:46	
Dichlorodifluoromethane	ND	10	ug/Kg	06/01/2004 11:46	
1,1-Dichloroethane	ND	5.0	ug/Kg	06/01/2004 11:46	
1,2-Dichloroethane	ND	5.0	ug/Kg	06/01/2004 11:46	
1,1-Dichloroethene	ND	5.0	ug/Kg	06/01/2004 11:46	
cis-1,2-Dichloroethene	ND	5.0	ug/Kg	06/01/2004 11:46	
trans-1,2-Dichloroethene	ND	5.0	ug/Kg	06/01/2004 11:46	
1,2-Dichloropropane	ND	5.0	ug/Kg	06/01/2004 11:46	
cis-1,3-Dichloropropene	ND	5.0	ug/Kg	06/01/2004 11:46	
trans-1,3-Dichloropropene	ND	5.0	ug/Kg	06/01/2004 11:46	
Ethylbenzene	ND	5.0	ug/Kg	06/01/2004 11:46	
Hexachlorobutadiene	ND	5.0	ug/Kg	06/01/2004 11:46	
2-Hexanone	ND	50	ug/Kg	06/01/2004 11:46	
Isopropylbenzene	ND	5.0	ug/Kg	06/01/2004 11:46	
p-Isopropyltoluene	ND	5.0	ug/Kg	06/01/2004 11:46	
Methylene chloride	ND	10	ug/Kg	06/01/2004 11:46	
4-Methyl-2-pentanone (MIBK)	ND	50	ug/Kg	06/01/2004 11:46	
Naphthalene	ND	10	ug/Kg	06/01/2004 11:46	
n-Propylbenzene	ND	5.0	ug/Kg	06/01/2004 11:46	
Styrene	ND	5.0	ug/Kg	06/01/2004 11:46	
1,1,1,2-Tetrachloroethane	ND	5.0	ug/Kg	06/01/2004 11:46	
1,1,2,2-Tetrachloroethane	ND	5.0	ug/Kg	06/01/2004 11:46	
Tetrachloroethene	ND	5.0	ug/Kg	06/01/2004 11:46	
Toluene	ND	5.0	ug/Kg	06/01/2004 11:46	
1,2,3-Trichlorobenzene	ND	5.0	ug/Kg	06/01/2004 11:46	
1,2,4-Trichlorobenzene	ND	5.0	ug/Kg	06/01/2004 11:46	
1,1,1-Trichloroethane	ND	5.0	ug/Kg	06/01/2004 11:46	
1,1,2-Trichloroethane	ND	5.0	ug/Kg	06/01/2004 11:46	
Trichloroethene	ND	5.0	ug/Kg	06/01/2004 11:46	
Trichlorofluoromethane	ND	5.0	ug/Kg	06/01/2004 11:46	
Trichlorotrifluoroethane	ND	5.0	ug/Kg	06/01/2004 11:46	

SEVERN TRENT STL

Submission #: 2004-05-0900

Volatile Organic Compounds by 8260B (Low Level)

Lowney & Associates Mountain View
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Project: 869-4A
Milpitas Sewage (Mil. Sewage)

Received: 05/25/2004 17:53

Batch QC Report

Prep(s): 5035 Test(s): 8260B

Method Blank Soil QC Batch # 2004/06/01-01.09

MB: 2004/06/01-01.09-004 Date Extracted: 06/01/2004 11:46

Compound	Conc.	RL	Unit	Analyzed	Flag
1,2,4-Trimethylbenzene	ND	5.0	ug/Kg	06/01/2004 11:46	
1,3,5-Trimethylbenzene	ND	5.0	ug/Kg	06/01/2004 11:46	
Vinyl acetate	ND	50	ug/Kg	06/01/2004 11:46	
Vinyl chloride	ND	5.0	ug/Kg	06/01/2004 11:46	
Total xylenes	ND	5.0	ug/Kg	06/01/2004 11:46	
Surrogates(s)					
4-Bromofluorobenzene	103.2	74-121	%	06/01/2004 11:46	
1,2-Dichloroethane-d4	100.4	70-121	%	06/01/2004 11:46	
Toluene-d8	107.8	81-117	%	06/01/2004 11:46	

Volatile Organic Compounds by 8260B (Low Level)

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Project: 869-4A
Milpitas Sewage (Mil. Sewage)

Received: 05/25/2004 17:53

Batch QC Report

Prep(s): 5035 — Test(s): 8260B

Method Blank — **Soil** — **QC Batch # 2004/06/03-01.06**

MB: 2004/06/03-01.06-005 — Date Extracted: 06/03/2004 11:50

Compound	Conc.	RL	Unit	Analyzed	Flag
MTBE	ND	5.0	ug/Kg	06/03/2004 11:50	
Acetone	ND	50	ug/Kg	06/03/2004 11:50	
Benzene	ND	5.0	ug/Kg	06/03/2004 11:50	
Bromodichloromethane	ND	5.0	ug/Kg	06/03/2004 11:50	
Bromobenzene	ND	5.0	ug/Kg	06/03/2004 11:50	
Bromochloromethane	ND	20	ug/Kg	06/03/2004 11:50	
Bromoform	ND	5.0	ug/Kg	06/03/2004 11:50	
Bromomethane	ND	10	ug/Kg	06/03/2004 11:50	
2-Butanone(MEK)	ND	50	ug/Kg	06/03/2004 11:50	
n-Butylbenzene	ND	5.0	ug/Kg	06/03/2004 11:50	
sec-Butylbenzene	ND	5.0	ug/Kg	06/03/2004 11:50	
tert-Butylbenzene	ND	5.0	ug/Kg	06/03/2004 11:50	
Carbon disulfide	ND	5.0	ug/Kg	06/03/2004 11:50	
Carbon tetrachloride	ND	5.0	ug/Kg	06/03/2004 11:50	
Chlorobenzene	ND	5.0	ug/Kg	06/03/2004 11:50	
Chloroethane	ND	10	ug/Kg	06/03/2004 11:50	
2-Chloroethylvinyl ether	ND	50	ug/Kg	06/03/2004 11:50	
Chloroform	ND	5.0	ug/Kg	06/03/2004 11:50	
Chloromethane	ND	10	ug/Kg	06/03/2004 11:50	
2-Chlorotoluene	ND	5.0	ug/Kg	06/03/2004 11:50	
4-Chlorotoluene	ND	5.0	ug/Kg	06/03/2004 11:50	
Dibromochloromethane	ND	5.0	ug/Kg	06/03/2004 11:50	
1,2-Dichlorobenzene	ND	5.0	ug/Kg	06/03/2004 11:50	
1,3-Dichlorobenzene	ND	5.0	ug/Kg	06/03/2004 11:50	
1,4-Dichlorobenzene	ND	5.0	ug/Kg	06/03/2004 11:50	
1,3-Dichloropropane	ND	5.0	ug/Kg	06/03/2004 11:50	
2,2-Dichloropropane	ND	5.0	ug/Kg	06/03/2004 11:50	
1,1-Dichloropropene	ND	5.0	ug/Kg	06/03/2004 11:50	
1,2-Dibromo-3-chloropropane	ND	50	ug/Kg	06/03/2004 11:50	
1,2-Dibromoethane	ND	10	ug/Kg	06/03/2004 11:50	
Dibromomethane	ND	10	ug/Kg	06/03/2004 11:50	

SEVERN TRENT STL

Submission #: 2004-05-0900

Volatile Organic Compounds by 8260B (Low Level)

Lowney & Associates Mountain View
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Project: 869-4A
Milpitas Sewage (Mil. Sewage)

Received: 05/25/2004 17:53

Batch QC Report

Prep(s): 5035 — Test(s): 8260B

Method Blank — Soil — QC Batch # 2004/06/03-01.06

MB: 2004/06/03-01.06-005 — Date Extracted: 06/03/2004 11:50

Compound	Conc.	RL	Unit	Analyzed	Flag
Dichlorodifluoromethane	ND	10	ug/Kg	06/03/2004 11:50	
1,1-Dichloroethane	ND	5.0	ug/Kg	06/03/2004 11:50	
1,2-Dichloroethane	ND	5.0	ug/Kg	06/03/2004 11:50	
1,1-Dichloroethene	ND	5.0	ug/Kg	06/03/2004 11:50	
cis-1,2-Dichloroethene	ND	5.0	ug/Kg	06/03/2004 11:50	
trans-1,2-Dichloroethene	ND	5.0	ug/Kg	06/03/2004 11:50	
1,2-Dichloropropane	ND	5.0	ug/Kg	06/03/2004 11:50	
cis-1,3-Dichloropropene	ND	5.0	ug/Kg	06/03/2004 11:50	
trans-1,3-Dichloropropene	ND	5.0	ug/Kg	06/03/2004 11:50	
Ethylbenzene	ND	5.0	ug/Kg	06/03/2004 11:50	
Hexachlorobutadiene	ND	5.0	ug/Kg	06/03/2004 11:50	
2-Hexanone	ND	50	ug/Kg	06/03/2004 11:50	
Isopropylbenzene	ND	5.0	ug/Kg	06/03/2004 11:50	
p-Isopropyltoluene	ND	5.0	ug/Kg	06/03/2004 11:50	
Methylene chloride	ND	10	ug/Kg	06/03/2004 11:50	
4-Methyl-2-pentanone (MIBK)	ND	50	ug/Kg	06/03/2004 11:50	
Naphthalene	ND	10	ug/Kg	06/03/2004 11:50	
n-Propylbenzene	ND	5.0	ug/Kg	06/03/2004 11:50	
Styrene	ND	5.0	ug/Kg	06/03/2004 11:50	
1,1,1,2-Tetrachloroethane	ND	5.0	ug/Kg	06/03/2004 11:50	
1,1,2,2-Tetrachloroethane	ND	5.0	ug/Kg	06/03/2004 11:50	
Tetrachloroethene	ND	5.0	ug/Kg	06/03/2004 11:50	
Toluene	ND	5.0	ug/Kg	06/03/2004 11:50	
1,2,3-Trichlorobenzene	ND	5.0	ug/Kg	06/03/2004 11:50	
1,2,4-Trichlorobenzene	ND	5.0	ug/Kg	06/03/2004 11:50	
1,1,1-Trichloroethane	ND	5.0	ug/Kg	06/03/2004 11:50	
1,1,2-Trichloroethane	ND	5.0	ug/Kg	06/03/2004 11:50	
Trichloroethene	ND	5.0	ug/Kg	06/03/2004 11:50	
Trichlorofluoromethane	ND	5.0	ug/Kg	06/03/2004 11:50	
Trichlorotrifluoroethane	ND	5.0	ug/Kg	06/03/2004 11:50	
1,2,4-Trimethylbenzene	ND	5.0	ug/Kg	06/03/2004 11:50	

Volatile Organic Compounds by 8260B (Low Level)

Lowney & Associates Mountain View
Attn.: Stason Foster

405 Clyde Ave
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Phone: (650) 967-2365 Fax: (650) 967-2785

Project: 869-4A
Milpitas Sewage (Mil. Sewage)

Received: 05/25/2004 17:53

Batch QC Report

Prep(s): 5035 — Test(s): 8260B

Method Blank — **Soil** — **QC Batch # 2004/06/03-01.06**

MB: 2004/06/03-01.06-005 — Date Extracted: 06/03/2004 11:50

Compound	Conc.	RL	Unit	Analyzed	Flag
1,3,5-Trimethylbenzene	ND	5.0	ug/Kg	06/03/2004 11:50	
Vinyl acetate	ND	50	ug/Kg	06/03/2004 11:50	
Vinyl chloride	ND	5.0	ug/Kg	06/03/2004 11:50	
Total xylenes	ND	5.0	ug/Kg	06/03/2004 11:50	
Surrogates(s)					
4-Bromofluorobenzene	89.2	74-121	%	06/03/2004 11:50	
1,2-Dichloroethane-d4	104.8	70-121	%	06/03/2004 11:50	
Toluene-d8	94.4	81-117	%	06/03/2004 11:50	

Volatile Organic Compounds by 8260B (Low Level)

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Project: 869-4A
Milpitas Sewage (Mil. Sewage)

Received: 05/25/2004 17:53

Batch QC Report

Prep(s): 5035 — Test(s): 8260B

Method Blank — **Soil** — **QC Batch # 2004/06/04-01.09**

MB: 2004/06/04-01.09-004 — Date Extracted: 06/04/2004 11:02

Compound	Conc.	RL	Unit	Analyzed	Flag
MTBE	ND	5.0	ug/Kg	06/04/2004 11:02	
Acetone	ND	50	ug/Kg	06/04/2004 11:02	
Benzene	ND	5.0	ug/Kg	06/04/2004 11:02	
Bromodichloromethane	ND	5.0	ug/Kg	06/04/2004 11:02	
Bromobenzene	ND	5.0	ug/Kg	06/04/2004 11:02	
Bromochloromethane	ND	20	ug/Kg	06/04/2004 11:02	
Bromoform	ND	5.0	ug/Kg	06/04/2004 11:02	
Bromomethane	ND	10	ug/Kg	06/04/2004 11:02	
2-Butanone(MEK)	ND	50	ug/Kg	06/04/2004 11:02	
n-Butylbenzene	ND	5.0	ug/Kg	06/04/2004 11:02	
sec-Butylbenzene	ND	5.0	ug/Kg	06/04/2004 11:02	
tert-Butylbenzene	ND	5.0	ug/Kg	06/04/2004 11:02	
Carbon disulfide	ND	5.0	ug/Kg	06/04/2004 11:02	
Carbon tetrachloride	ND	5.0	ug/Kg	06/04/2004 11:02	
Chlorobenzene	ND	5.0	ug/Kg	06/04/2004 11:02	
Chloroethane	ND	10	ug/Kg	06/04/2004 11:02	
2-Chloroethylvinyl ether	ND	50	ug/Kg	06/04/2004 11:02	
Chloroform	ND	5.0	ug/Kg	06/04/2004 11:02	
Chloromethane	ND	10	ug/Kg	06/04/2004 11:02	
2-Chlorotoluene	ND	5.0	ug/Kg	06/04/2004 11:02	
4-Chlorotoluene	ND	5.0	ug/Kg	06/04/2004 11:02	
Dibromochloromethane	ND	5.0	ug/Kg	06/04/2004 11:02	
1,2-Dichlorobenzene	ND	5.0	ug/Kg	06/04/2004 11:02	
1,3-Dichlorobenzene	ND	5.0	ug/Kg	06/04/2004 11:02	
1,4-Dichlorobenzene	ND	5.0	ug/Kg	06/04/2004 11:02	
1,3-Dichloropropane	ND	5.0	ug/Kg	06/04/2004 11:02	
2,2-Dichloropropane	ND	5.0	ug/Kg	06/04/2004 11:02	
1,1-Dichloropropene	ND	5.0	ug/Kg	06/04/2004 11:02	
1,2-Dibromo-3-chloropropane	ND	50	ug/Kg	06/04/2004 11:02	
1,2-Dibromoethane	ND	10	ug/Kg	06/04/2004 11:02	
Dibromomethane	ND	10	ug/Kg	06/04/2004 11:02	

Volatile Organic Compounds by 8260B (Low Level)

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Project: 869-4A
Milpitas Sewage (Mil. Sewage)

Received: 05/25/2004 17:53

Batch QC Report

Prep(s): 5035 — Test(s): 8260B

Method Blank — **Soil** — **QC Batch # 2004/06/04-01.09**

MB: 2004/06/04-01.09-004 — Date Extracted: 06/04/2004 11:02

Compound	Conc.	RL	Unit	Analyzed	Flag
Dichlorodifluoromethane	ND	10	ug/Kg	06/04/2004 11:02	
1,1-Dichloroethane	ND	5.0	ug/Kg	06/04/2004 11:02	
1,2-Dichloroethane	ND	5.0	ug/Kg	06/04/2004 11:02	
1,1-Dichloroethene	ND	5.0	ug/Kg	06/04/2004 11:02	
cis-1,2-Dichloroethene	ND	5.0	ug/Kg	06/04/2004 11:02	
trans-1,2-Dichloroethene	ND	5.0	ug/Kg	06/04/2004 11:02	
1,2-Dichloropropane	ND	5.0	ug/Kg	06/04/2004 11:02	
cis-1,3-Dichloropropene	ND	5.0	ug/Kg	06/04/2004 11:02	
trans-1,3-Dichloropropene	ND	5.0	ug/Kg	06/04/2004 11:02	
Ethylbenzene	ND	5.0	ug/Kg	06/04/2004 11:02	
Hexachlorobutadiene	ND	5.0	ug/Kg	06/04/2004 11:02	
2-Hexanone	ND	50	ug/Kg	06/04/2004 11:02	
Isopropylbenzene	ND	5.0	ug/Kg	06/04/2004 11:02	
p-Isopropyltoluene	ND	5.0	ug/Kg	06/04/2004 11:02	
Methylene chloride	ND	10	ug/Kg	06/04/2004 11:02	
4-Methyl-2-pentanone (MIBK)	ND	50	ug/Kg	06/04/2004 11:02	
Naphthalene	ND	10	ug/Kg	06/04/2004 11:02	
n-Propylbenzene	ND	5.0	ug/Kg	06/04/2004 11:02	
Styrene	ND	5.0	ug/Kg	06/04/2004 11:02	
1,1,1,2-Tetrachloroethane	ND	5.0	ug/Kg	06/04/2004 11:02	
1,1,2,2-Tetrachloroethane	ND	5.0	ug/Kg	06/04/2004 11:02	
Tetrachloroethene	ND	5.0	ug/Kg	06/04/2004 11:02	
Toluene	ND	5.0	ug/Kg	06/04/2004 11:02	
1,2,3-Trichlorobenzene	ND	5.0	ug/Kg	06/04/2004 11:02	
1,2,4-Trichlorobenzene	ND	5.0	ug/Kg	06/04/2004 11:02	
1,1,1-Trichloroethane	ND	5.0	ug/Kg	06/04/2004 11:02	
1,1,2-Trichloroethane	ND	5.0	ug/Kg	06/04/2004 11:02	
Trichloroethene	ND	5.0	ug/Kg	06/04/2004 11:02	
Trichlorofluoromethane	ND	5.0	ug/Kg	06/04/2004 11:02	
Trichlorotrifluoroethane	ND	5.0	ug/Kg	06/04/2004 11:02	
1,2,4-Trimethylbenzene	ND	5.0	ug/Kg	06/04/2004 11:02	

SEVERN TRENT STL

Submission #: 2004-05-0900

Volatile Organic Compounds by 8260B (Low Level)

Lowney & Associates Mountain View
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Project: 869-4A
Milpitas Sewage (Mil. Sewage)

Received: 05/25/2004 17:53

Batch QC Report

Prep(s): 5035 — Test(s): 8260B

Method Blank — Soil — QC Batch # 2004/06/04-01.09

MB: 2004/06/04-01.09-004 — Date Extracted: 06/04/2004 11:02

Compound	Conc.	RL	Unit	Analyzed	Flag
1,3,5-Trimethylbenzene	ND	5.0	ug/Kg	06/04/2004 11:02	
Vinyl acetate	ND	50	ug/Kg	06/04/2004 11:02	
Vinyl chloride	ND	5.0	ug/Kg	06/04/2004 11:02	
Total xylenes	ND	5.0	ug/Kg	06/04/2004 11:02	
Surrogates(s)					
4-Bromofluorobenzene	101.0	74-121	%	06/04/2004 11:02	
1,2-Dichloroethane-d4	97.2	70-121	%	06/04/2004 11:02	
Toluene-d8	106.2	81-117	%	06/04/2004 11:02	

Volatile Organic Compounds by 8260B (Low Level)

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Project: 869-4A
Milpitas Sewage (Mil. Sewage)

Received: 05/25/2004 17:53

Batch QC Report

Prep(s): 5035

Test(s): 8260B

Laboratory Control Spike **Soil** **QC Batch # 2004/06/01-01.09**

LCS 2004/06/01-01.09-002 Extracted: 06/01/2004 Analyzed: 06/01/2004 10:41
LCSD 2004/06/01-01.09-003 Extracted: 06/01/2004 Analyzed: 06/01/2004 11:19

Compound	Conc. ug/Kg		Exp.Conc.	Recovery %		RPD	Ctrl.Limits %		Flags	
	LCS	LCSD		LCS	LCSD	%	Rec.	RPD	LCS	LCSD
Benzene	93.6	101	100.0	93.6	101.0	7.6	69-129	20		
Chlorobenzene	96.1	101	100.0	96.1	101.0	5.0	61-121	20		
1,1-Dichloroethene	69.8	77.4	100.0	69.8	77.4	10.3	65-125	20		
Toluene	92.6	96.8	100.0	92.6	96.8	4.4	70-130	20		
Trichloroethene	89.2	102	100.0	89.2	102.0	13.4	74-134	20		
Surrogates(s)										
4-Bromofluorobenzene	520	551	500	104.0	110.2		74-121			
1,2-Dichloroethane-d4	456	509	500	91.2	101.8		70-121			
Toluene-d8	531	530	500	106.2	106.0		81-117			

Volatile Organic Compounds by 8260B (Low Level)

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Project: 869-4A
Milpitas Sewage (Mil. Sewage)

Received: 05/25/2004 17:53

Batch QC Report

Prep(s): 5035

Test(s): 8260B

Laboratory Control Spike **Soil** **QC Batch # 2004/06/03-01.06**

LCS 2004/06/03-01.06-003 Extracted: 06/03/2004 Analyzed: 06/03/2004 10:39
LCSD 2004/06/03-01.06-004 Extracted: 06/03/2004 Analyzed: 06/03/2004 11:14

Compound	Conc. ug/Kg		Exp.Conc.	Recovery %		RPD	Ctrl.Limits %		Flags	
	LCS	LCSD		LCS	LCSD	%	Rec.	RPD	LCS	LCSD
Benzene	44.1	42.1	50.0	88.2	84.2	4.6	69-129	20		
Chlorobenzene	45.5	44.8	50.0	91.0	89.6	1.6	61-121	20		
1,1-Dichloroethene	45.0	41.1	50.0	90.0	82.2	9.1	65-125	20		
Toluene	44.6	42.1	50.0	89.2	84.2	5.8	70-130	20		
Trichloroethene	43.4	42.6	50.0	86.8	85.2	1.9	74-134	20		
Surrogates(s)										
4-Bromofluorobenzene	441	444	500	88.2	88.8		74-121			
1,2-Dichloroethane-d4	508	509	500	101.6	101.8		70-121			
Toluene-d8	479	465	500	95.8	93.0		81-117			

Volatile Organic Compounds by 8260B (Low Level)

Lowney & Associates Mountain View
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Project: 869-4A
Milpitas Sewage (Mil. Sewage)

Received: 05/25/2004 17:53

Batch QC Report

Prep(s): 5035

Test(s): 8260B

Laboratory Control Spike **Soil** **QC Batch # 2004/06/04-01.09**

LCS 2004/06/04-01.09-002 Extracted: 06/04/2004 Analyzed: 06/04/2004 09:56
LCSD 2004/06/04-01.09-003 Extracted: 06/04/2004 Analyzed: 06/04/2004 10:36

Compound	Conc. ug/Kg		Exp.Conc.	Recovery %		RPD	Ctrl.Limits %		Flags	
	LCS	LCSD		LCS	LCSD	%	Rec.	RPD	LCS	LCSD
Benzene	99.1	101	100.0	99.1	101.0	1.9	69-129	20		
Chlorobenzene	101	103	100.0	101.0	103.0	2.0	61-121	20		
1,1-Dichloroethene	70.7	76.0	100.0	70.7	76.0	7.2	65-125	20		
Toluene	96.1	96.6	100.0	96.1	96.6	0.5	70-130	20		
Trichloroethene	90.2	98.7	100.0	90.2	98.7	9.0	74-134	20		
Surrogates(s)										
4-Bromofluorobenzene	512	523	500	102.4	104.6		74-121			
1,2-Dichloroethane-d4	463	490	500	92.6	98.0		70-121			
Toluene-d8	517	536	500	103.4	107.2		81-117			

Volatile Organic Compounds by 8260B (Low Level)

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Project: 869-4A
Milpitas Sewage (Mil. Sewage)

Received: 05/25/2004 17:53

Samples Reported

Sample Name	Date Sampled	Matrix	Lab #
BLD-8A	05/24/2004	Soil	8
BLD-9A	05/24/2004 14:58	Soil	18

Volatile Organic Compounds by 8260B (Low Level)

Lowney & Associates Mountain View
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Project: 869-4A
Milpitas Sewage (Mil. Sewage)

Received: 05/25/2004 17:53

Prep(s): 5035 | Test(s): 8260B
Sample ID: **BLD-8A** | Lab ID: 2004-05-0900 - 8
Sampled: 05/24/2004 | Extracted: 6/4/2004 19:09
Matrix: Soil | QC Batch#: 2004/06/04-01.09
Analysis Flag: o (See Legend and Note Section)

Compound	Conc.	RL	Unit	Dilution	Analyzed	Flag
MTBE	ND	21	ug/Kg	4.24	06/04/2004 19:09	
Acetone	170	210	ug/Kg	4.24	06/04/2004 19:09	
Benzene	ND	21	ug/Kg	4.24	06/04/2004 19:09	
Bromodichloromethane	ND	21	ug/Kg	4.24	06/04/2004 19:09	
Bromobenzene	ND	21	ug/Kg	4.24	06/04/2004 19:09	
Bromochloromethane	ND	85	ug/Kg	4.24	06/04/2004 19:09	
Bromoform	ND	21	ug/Kg	4.24	06/04/2004 19:09	
Bromomethane	ND	42	ug/Kg	4.24	06/04/2004 19:09	
2-Butanone(MEK)	ND	210	ug/Kg	4.24	06/04/2004 19:09	
n-Butylbenzene	10	21	ug/Kg	4.24	06/04/2004 19:09	
sec-Butylbenzene	ND	21	ug/Kg	4.24	06/04/2004 19:09	
tert-Butylbenzene	ND	21	ug/Kg	4.24	06/04/2004 19:09	
Carbon disulfide	ND	21	ug/Kg	4.24	06/04/2004 19:09	
Carbon tetrachloride	ND	21	ug/Kg	4.24	06/04/2004 19:09	
Chlorobenzene	ND	21	ug/Kg	4.24	06/04/2004 19:09	
Chloroethane	ND	42	ug/Kg	4.24	06/04/2004 19:09	
2-Chloroethylvinyl ether	ND	210	ug/Kg	4.24	06/04/2004 19:09	
Chloroform	ND	21	ug/Kg	4.24	06/04/2004 19:09	
Chloromethane	ND	42	ug/Kg	4.24	06/04/2004 19:09	
2-Chlorotoluene	ND	21	ug/Kg	4.24	06/04/2004 19:09	
4-Chlorotoluene	ND	21	ug/Kg	4.24	06/04/2004 19:09	
Dibromochloromethane	ND	21	ug/Kg	4.24	06/04/2004 19:09	
1,2-Dichlorobenzene	ND	21	ug/Kg	4.24	06/04/2004 19:09	
1,3-Dichlorobenzene	ND	21	ug/Kg	4.24	06/04/2004 19:09	
1,4-Dichlorobenzene	ND	21	ug/Kg	4.24	06/04/2004 19:09	
1,3-Dichloropropane	ND	21	ug/Kg	4.24	06/04/2004 19:09	
2,2-Dichloropropane	ND	21	ug/Kg	4.24	06/04/2004 19:09	
1,1-Dichloropropene	ND	21	ug/Kg	4.24	06/04/2004 19:09	
1,2-Dibromo-3-chloropropane	ND	210	ug/Kg	4.24	06/04/2004 19:09	

SEVERN TRENT STL

Submission #: 2004-05-0900

Volatile Organic Compounds by 8260B (Low Level)

Lowney & Associates Mountain View
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Project: 869-4A
Milpitas Sewage (Mil. Sewage)

Received: 05/25/2004 17:53

Prep(s): 5035 | Test(s): 8260B
Sample ID: **BLD-8A** | Lab ID: 2004-05-0900 - 8
Sampled: 05/24/2004 | Extracted: 6/4/2004 19:09
Matrix: Soil | QC Batch#: 2004/06/04-01.09
Analysis Flag: o (See Legend and Note Section)

Compound	Conc.	RL	Unit	Dilution	Analyzed	Flag
1,2-Dibromoethane	ND	42	ug/Kg	4.24	06/04/2004 19:09	
Dibromomethane	ND	42	ug/Kg	4.24	06/04/2004 19:09	
Dichlorodifluoromethane	ND	42	ug/Kg	4.24	06/04/2004 19:09	
1,1-Dichloroethane	ND	21	ug/Kg	4.24	06/04/2004 19:09	
1,2-Dichloroethane	ND	21	ug/Kg	4.24	06/04/2004 19:09	
1,1-Dichloroethene	ND	21	ug/Kg	4.24	06/04/2004 19:09	
cis-1,2-Dichloroethene	ND	21	ug/Kg	4.24	06/04/2004 19:09	
trans-1,2-Dichloroethene	ND	21	ug/Kg	4.24	06/04/2004 19:09	
1,2-Dichloropropane	ND	21	ug/Kg	4.24	06/04/2004 19:09	
cis-1,3-Dichloropropene	ND	21	ug/Kg	4.24	06/04/2004 19:09	
trans-1,3-Dichloropropene	ND	21	ug/Kg	4.24	06/04/2004 19:09	
Ethylbenzene	ND	21	ug/Kg	4.24	06/04/2004 19:09	
Hexachlorobutadiene	ND	21	ug/Kg	4.24	06/04/2004 19:09	
2-Hexanone	ND	210	ug/Kg	4.24	06/04/2004 19:09	
Isopropylbenzene	ND	21	ug/Kg	4.24	06/04/2004 19:09	
p-Isopropyltoluene	9.6	21	ug/Kg	4.24	06/04/2004 19:09	
Methylene chloride	ND	42	ug/Kg	4.24	06/04/2004 19:09	
4-Methyl-2-pentanone (MIBK)	ND	210	ug/Kg	4.24	06/04/2004 19:09	
Naphthalene	22	42	ug/Kg	4.24	06/04/2004 19:09	
n-Propylbenzene	ND	21	ug/Kg	4.24	06/04/2004 19:09	
Styrene	ND	21	ug/Kg	4.24	06/04/2004 19:09	
1,1,1,2-Tetrachloroethane	ND	21	ug/Kg	4.24	06/04/2004 19:09	
1,1,2,2-Tetrachloroethane	ND	21	ug/Kg	4.24	06/04/2004 19:09	
Tetrachloroethene	ND	21	ug/Kg	4.24	06/04/2004 19:09	
Toluene	ND	21	ug/Kg	4.24	06/04/2004 19:09	
1,2,3-Trichlorobenzene	ND	21	ug/Kg	4.24	06/04/2004 19:09	
1,2,4-Trichlorobenzene	ND	21	ug/Kg	4.24	06/04/2004 19:09	
1,1,1-Trichloroethane	ND	21	ug/Kg	4.24	06/04/2004 19:09	
1,1,2-Trichloroethane	ND	21	ug/Kg	4.24	06/04/2004 19:09	

Volatile Organic Compounds by 8260B (Low Level)

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Project: 869-4A
Milpitas Sewage (Mil. Sewage)

Received: 05/25/2004 17:53

Prep(s): 5035 | Test(s): 8260B
Sample ID: **BLD-8A** | Lab ID: 2004-05-0900 - 8
Sampled: 05/24/2004 | Extracted: 6/4/2004 19:09
Matrix: Soil | QC Batch#: 2004/06/04-01.09
Analysis Flag: o (See Legend and Note Section)

Compound	Conc.	RL	Unit	Dilution	Analyzed	Flag
Trichloroethene	ND	21	ug/Kg	4.24	06/04/2004 19:09	
Trichlorofluoromethane	ND	21	ug/Kg	4.24	06/04/2004 19:09	
Trichlorotrifluoroethane	ND	21	ug/Kg	4.24	06/04/2004 19:09	
1,2,4-Trimethylbenzene	22	21	ug/Kg	4.24	06/04/2004 19:09	
1,3,5-Trimethylbenzene	9.9	21	ug/Kg	4.24	06/04/2004 19:09	
Vinyl acetate	ND	210	ug/Kg	4.24	06/04/2004 19:09	
Vinyl chloride	ND	21	ug/Kg	4.24	06/04/2004 19:09	
Total xylenes	21	21	ug/Kg	4.24	06/04/2004 19:09	
Surrogate(s)						
4-Bromofluorobenzene	101.0	74-121	%	4.24	06/04/2004 19:09	
1,2-Dichloroethane-d4	94.4	70-121	%	4.24	06/04/2004 19:09	
Toluene-d8	98.1	81-117	%	4.24	06/04/2004 19:09	

Volatile Organic Compounds by 8260B (Low Level)

Lowney & Associates Mountain View
Attn.: Stason Foster

405 Clyde Ave
Mountain View, CA 94043-2209
Phone: (650) 967-2365 Fax: (650) 967-2785

Project: 869-4A
Milpitas Sewage (Mil. Sewage)

Received: 05/25/2004 17:53

Prep(s): 5035 | Test(s): 8260B
Sample ID: **BLD-9A** | Lab ID: 2004-05-0900 - 18
Sampled: 05/24/2004 14:58 | Extracted: 6/4/2004 19:37
Matrix: Soil | QC Batch#: 2004/06/04-01.09
Analysis Flag: o (See Legend and Note Section)

Compound	Conc.	RL	Unit	Dilution	Analyzed	Flag
MTBE	ND	18	ug/Kg	3.57	06/04/2004 19:37	
Acetone	180	180	ug/Kg	3.57	06/04/2004 19:37	
Benzene	ND	18	ug/Kg	3.57	06/04/2004 19:37	
Bromodichloromethane	ND	18	ug/Kg	3.57	06/04/2004 19:37	
Bromobenzene	ND	18	ug/Kg	3.57	06/04/2004 19:37	
Bromochloromethane	ND	71	ug/Kg	3.57	06/04/2004 19:37	
Bromoform	ND	18	ug/Kg	3.57	06/04/2004 19:37	
Bromomethane	ND	36	ug/Kg	3.57	06/04/2004 19:37	
2-Butanone(MEK)	ND	180	ug/Kg	3.57	06/04/2004 19:37	
n-Butylbenzene	ND	18	ug/Kg	3.57	06/04/2004 19:37	
sec-Butylbenzene	ND	18	ug/Kg	3.57	06/04/2004 19:37	
tert-Butylbenzene	ND	18	ug/Kg	3.57	06/04/2004 19:37	
Carbon disulfide	ND	18	ug/Kg	3.57	06/04/2004 19:37	
Carbon tetrachloride	ND	18	ug/Kg	3.57	06/04/2004 19:37	
Chlorobenzene	ND	18	ug/Kg	3.57	06/04/2004 19:37	
Chloroethane	ND	36	ug/Kg	3.57	06/04/2004 19:37	
2-Chloroethylvinyl ether	ND	180	ug/Kg	3.57	06/04/2004 19:37	
Chloroform	ND	18	ug/Kg	3.57	06/04/2004 19:37	
Chloromethane	ND	36	ug/Kg	3.57	06/04/2004 19:37	
2-Chlorotoluene	ND	18	ug/Kg	3.57	06/04/2004 19:37	
4-Chlorotoluene	ND	18	ug/Kg	3.57	06/04/2004 19:37	
Dibromochloromethane	ND	18	ug/Kg	3.57	06/04/2004 19:37	
1,2-Dichlorobenzene	ND	18	ug/Kg	3.57	06/04/2004 19:37	
1,3-Dichlorobenzene	ND	18	ug/Kg	3.57	06/04/2004 19:37	
1,4-Dichlorobenzene	ND	18	ug/Kg	3.57	06/04/2004 19:37	
1,3-Dichloropropane	ND	18	ug/Kg	3.57	06/04/2004 19:37	
2,2-Dichloropropane	ND	18	ug/Kg	3.57	06/04/2004 19:37	
1,1-Dichloropropene	ND	18	ug/Kg	3.57	06/04/2004 19:37	
1,2-Dibromo-3-chloropropane	ND	180	ug/Kg	3.57	06/04/2004 19:37	

Volatile Organic Compounds by 8260B (Low Level)

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Project: 869-4A
Milpitas Sewage (Mil. Sewage)

Received: 05/25/2004 17:53

Prep(s): 5035
Test(s): 8260B
Sample ID: **BLD-9A**
Lab ID: 2004-05-0900 - 18
Sampled: 05/24/2004 14:58
Extracted: 6/4/2004 19:37
Matrix: Soil
QC Batch#: 2004/06/04-01.09
Analysis Flag: o (See Legend and Note Section)

Compound	Conc.	RL	Unit	Dilution	Analyzed	Flag
1,2-Dibromoethane	ND	36	ug/Kg	3.57	06/04/2004 19:37	
Dibromomethane	ND	36	ug/Kg	3.57	06/04/2004 19:37	
Dichlorodifluoromethane	ND	36	ug/Kg	3.57	06/04/2004 19:37	
1,1-Dichloroethane	ND	18	ug/Kg	3.57	06/04/2004 19:37	
1,2-Dichloroethane	ND	18	ug/Kg	3.57	06/04/2004 19:37	
1,1-Dichloroethene	ND	18	ug/Kg	3.57	06/04/2004 19:37	
cis-1,2-Dichloroethene	ND	18	ug/Kg	3.57	06/04/2004 19:37	
trans-1,2-Dichloroethene	ND	18	ug/Kg	3.57	06/04/2004 19:37	
1,2-Dichloropropane	ND	18	ug/Kg	3.57	06/04/2004 19:37	
cis-1,3-Dichloropropene	ND	18	ug/Kg	3.57	06/04/2004 19:37	
trans-1,3-Dichloropropene	ND	18	ug/Kg	3.57	06/04/2004 19:37	
Ethylbenzene	ND	18	ug/Kg	3.57	06/04/2004 19:37	
Hexachlorobutadiene	ND	18	ug/Kg	3.57	06/04/2004 19:37	
2-Hexanone	ND	180	ug/Kg	3.57	06/04/2004 19:37	
Isopropylbenzene	ND	18	ug/Kg	3.57	06/04/2004 19:37	
p-Isopropyltoluene	ND	18	ug/Kg	3.57	06/04/2004 19:37	
Methylene chloride	ND	36	ug/Kg	3.57	06/04/2004 19:37	
4-Methyl-2-pentanone (MIBK)	ND	180	ug/Kg	3.57	06/04/2004 19:37	
Naphthalene	ND	36	ug/Kg	3.57	06/04/2004 19:37	
n-Propylbenzene	ND	18	ug/Kg	3.57	06/04/2004 19:37	
Styrene	ND	18	ug/Kg	3.57	06/04/2004 19:37	
1,1,1,2-Tetrachloroethane	ND	18	ug/Kg	3.57	06/04/2004 19:37	
1,1,2,2-Tetrachloroethane	ND	18	ug/Kg	3.57	06/04/2004 19:37	
Tetrachloroethene	ND	18	ug/Kg	3.57	06/04/2004 19:37	
Toluene	ND	18	ug/Kg	3.57	06/04/2004 19:37	
1,2,3-Trichlorobenzene	ND	18	ug/Kg	3.57	06/04/2004 19:37	
1,2,4-Trichlorobenzene	ND	18	ug/Kg	3.57	06/04/2004 19:37	
1,1,1-Trichloroethane	ND	18	ug/Kg	3.57	06/04/2004 19:37	
1,1,2-Trichloroethane	ND	18	ug/Kg	3.57	06/04/2004 19:37	

SEVERN TRENT STL

Submission #: 2004-05-0900

Volatile Organic Compounds by 8260B (Low Level)

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Project: 869-4A
Milpitas Sewage (Mil. Sewage)

Received: 05/25/2004 17:53

Prep(s): 5035
Test(s): 8260B
Sample ID: **BLD-9A**
Lab ID: 2004-05-0900 - 18
Sampled: 05/24/2004 14:58
Extracted: 6/4/2004 19:37
Matrix: Soil
QC Batch#: 2004/06/04-01.09
Analysis Flag: o (See Legend and Note Section)

Compound	Conc.	RL	Unit	Dilution	Analyzed	Flag
Trichloroethene	ND	18	ug/Kg	3.57	06/04/2004 19:37	
Trichlorofluoromethane	ND	18	ug/Kg	3.57	06/04/2004 19:37	
Trichlorotrifluoroethane	ND	18	ug/Kg	3.57	06/04/2004 19:37	
1,2,4-Trimethylbenzene	8.2	18	ug/Kg	3.57	06/04/2004 19:37	
1,3,5-Trimethylbenzene	ND	18	ug/Kg	3.57	06/04/2004 19:37	
Vinyl acetate	ND	180	ug/Kg	3.57	06/04/2004 19:37	
Vinyl chloride	ND	18	ug/Kg	3.57	06/04/2004 19:37	
Total xylenes	ND	18	ug/Kg	3.57	06/04/2004 19:37	
Surrogate(s)						
4-Bromofluorobenzene	86.5	74-121	%	3.57	06/04/2004 19:37	
1,2-Dichloroethane-d4	87.8	70-121	%	3.57	06/04/2004 19:37	
Toluene-d8	97.6	81-117	%	3.57	06/04/2004 19:37	

Volatile Organic Compounds by 8260B (Low Level)

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Project: 869-4A
Milpitas Sewage (Mil. Sewage)

Received: 05/25/2004 17:53

Batch QC Report

Prep(s): 5035 — Test(s): 8260B

Method Blank — **Soil** — **QC Batch # 2004/06/04-01.09**

MB: 2004/06/04-01.09-004 — Date Extracted: 06/04/2004 11:02

Compound	Conc.	RL	Unit	Analyzed	Flag
MTBE	ND	5.0	ug/Kg	06/04/2004 11:02	
Acetone	ND	50	ug/Kg	06/04/2004 11:02	
Benzene	ND	5.0	ug/Kg	06/04/2004 11:02	
Bromodichloromethane	ND	5.0	ug/Kg	06/04/2004 11:02	
Bromobenzene	ND	5.0	ug/Kg	06/04/2004 11:02	
Bromochloromethane	ND	20	ug/Kg	06/04/2004 11:02	
Bromoform	ND	5.0	ug/Kg	06/04/2004 11:02	
Bromomethane	ND	10	ug/Kg	06/04/2004 11:02	
2-Butanone(MEK)	ND	50	ug/Kg	06/04/2004 11:02	
n-Butylbenzene	ND	5.0	ug/Kg	06/04/2004 11:02	
sec-Butylbenzene	ND	5.0	ug/Kg	06/04/2004 11:02	
tert-Butylbenzene	ND	5.0	ug/Kg	06/04/2004 11:02	
Carbon disulfide	ND	5.0	ug/Kg	06/04/2004 11:02	
Carbon tetrachloride	ND	5.0	ug/Kg	06/04/2004 11:02	
Chlorobenzene	ND	5.0	ug/Kg	06/04/2004 11:02	
Chloroethane	ND	10	ug/Kg	06/04/2004 11:02	
2-Chloroethylvinyl ether	ND	50	ug/Kg	06/04/2004 11:02	
Chloroform	ND	5.0	ug/Kg	06/04/2004 11:02	
Chloromethane	ND	10	ug/Kg	06/04/2004 11:02	
2-Chlorotoluene	ND	5.0	ug/Kg	06/04/2004 11:02	
4-Chlorotoluene	ND	5.0	ug/Kg	06/04/2004 11:02	
Dibromochloromethane	ND	5.0	ug/Kg	06/04/2004 11:02	
1,2-Dichlorobenzene	ND	5.0	ug/Kg	06/04/2004 11:02	
1,3-Dichlorobenzene	ND	5.0	ug/Kg	06/04/2004 11:02	
1,4-Dichlorobenzene	ND	5.0	ug/Kg	06/04/2004 11:02	
1,3-Dichloropropane	ND	5.0	ug/Kg	06/04/2004 11:02	
2,2-Dichloropropane	ND	5.0	ug/Kg	06/04/2004 11:02	
1,1-Dichloropropene	ND	5.0	ug/Kg	06/04/2004 11:02	
1,2-Dibromo-3-chloropropane	ND	50	ug/Kg	06/04/2004 11:02	
1,2-Dibromoethane	ND	10	ug/Kg	06/04/2004 11:02	

SEVERN TRENT STL

Submission #: 2004-05-0900

Volatile Organic Compounds by 8260B (Low Level)

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Project: 869-4A
Milpitas Sewage (Mil. Sewage)

Received: 05/25/2004 17:53

Batch QC Report

Prep(s): 5035 — Test(s): 8260B

Method Blank — Soil — QC Batch # 2004/06/04-01.09

MB: 2004/06/04-01.09-004 — Date Extracted: 06/04/2004 11:02

Compound	Conc.	RL	Unit	Analyzed	Flag
Dibromomethane	ND	10	ug/Kg	06/04/2004 11:02	
Dichlorodifluoromethane	ND	10	ug/Kg	06/04/2004 11:02	
1,1-Dichloroethane	ND	5.0	ug/Kg	06/04/2004 11:02	
1,2-Dichloroethane	ND	5.0	ug/Kg	06/04/2004 11:02	
1,1-Dichloroethene	ND	5.0	ug/Kg	06/04/2004 11:02	
cis-1,2-Dichloroethene	ND	5.0	ug/Kg	06/04/2004 11:02	
trans-1,2-Dichloroethene	ND	5.0	ug/Kg	06/04/2004 11:02	
1,2-Dichloropropane	ND	5.0	ug/Kg	06/04/2004 11:02	
cis-1,3-Dichloropropene	ND	5.0	ug/Kg	06/04/2004 11:02	
trans-1,3-Dichloropropene	ND	5.0	ug/Kg	06/04/2004 11:02	
Ethylbenzene	ND	5.0	ug/Kg	06/04/2004 11:02	
Hexachlorobutadiene	ND	5.0	ug/Kg	06/04/2004 11:02	
2-Hexanone	ND	50	ug/Kg	06/04/2004 11:02	
Isopropylbenzene	ND	5.0	ug/Kg	06/04/2004 11:02	
p-Isopropyltoluene	ND	5.0	ug/Kg	06/04/2004 11:02	
Methylene chloride	ND	10	ug/Kg	06/04/2004 11:02	
4-Methyl-2-pentanone (MIBK)	ND	50	ug/Kg	06/04/2004 11:02	
Naphthalene	ND	10	ug/Kg	06/04/2004 11:02	
n-Propylbenzene	ND	5.0	ug/Kg	06/04/2004 11:02	
Styrene	ND	5.0	ug/Kg	06/04/2004 11:02	
1,1,1,2-Tetrachloroethane	ND	5.0	ug/Kg	06/04/2004 11:02	
1,1,2,2-Tetrachloroethane	ND	5.0	ug/Kg	06/04/2004 11:02	
Tetrachloroethene	ND	5.0	ug/Kg	06/04/2004 11:02	
Toluene	ND	5.0	ug/Kg	06/04/2004 11:02	
1,2,3-Trichlorobenzene	ND	5.0	ug/Kg	06/04/2004 11:02	
1,2,4-Trichlorobenzene	ND	5.0	ug/Kg	06/04/2004 11:02	
1,1,1-Trichloroethane	ND	5.0	ug/Kg	06/04/2004 11:02	
1,1,2-Trichloroethane	ND	5.0	ug/Kg	06/04/2004 11:02	
Trichloroethene	ND	5.0	ug/Kg	06/04/2004 11:02	
Trichlorofluoromethane	ND	5.0	ug/Kg	06/04/2004 11:02	
Trichlorotrifluoroethane	ND	5.0	ug/Kg	06/04/2004 11:02	

Volatile Organic Compounds by 8260B (Low Level)

Lowney & Associates Mountain View
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Phone: (650) 967-2365 Fax: (650) 967-2785

Project: 869-4A
Milpitas Sewage (Mil. Sewage)

Received: 05/25/2004 17:53

Batch QC Report

Prep(s): 5035 — Test(s): 8260B

Method Blank — **Soil** — **QC Batch # 2004/06/04-01.09**

MB: 2004/06/04-01.09-004 — Date Extracted: 06/04/2004 11:02

Compound	Conc.	RL	Unit	Analyzed	Flag
1,2,4-Trimethylbenzene	ND	5.0	ug/Kg	06/04/2004 11:02	
1,3,5-Trimethylbenzene	ND	5.0	ug/Kg	06/04/2004 11:02	
Vinyl acetate	ND	50	ug/Kg	06/04/2004 11:02	
Vinyl chloride	ND	5.0	ug/Kg	06/04/2004 11:02	
Total xylenes	ND	5.0	ug/Kg	06/04/2004 11:02	
Surrogates(s)					
4-Bromofluorobenzene	101.0	74-121	%	06/04/2004 11:02	
1,2-Dichloroethane-d4	97.2	70-121	%	06/04/2004 11:02	
Toluene-d8	106.2	81-117	%	06/04/2004 11:02	

Volatile Organic Compounds by 8260B (Low Level)

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Project: 869-4A
Milpitas Sewage (Mil. Sewage)

Received: 05/25/2004 17:53

Batch QC Report

Prep(s): 5035 — Test(s): 8260B

Laboratory Control Spike — **Soil** — **QC Batch # 2004/06/04-01.09**

LCS 2004/06/04-01.09-002 — Extracted: 06/04/2004 — Analyzed: 06/04/2004 09:56

LCSD 2004/06/04-01.09-003 — Extracted: 06/04/2004 — Analyzed: 06/04/2004 10:36

Compound	Conc. ug/Kg		Exp.Conc.	Recovery %		RPD	Ctrl.Limits %		Flags	
	LCS	LCSD		LCS	LCSD	%	Rec.	RPD	LCS	LCSD
Benzene	99.1	101	100.0	99.1	101.0	1.9	69-129	20		
Chlorobenzene	101	103	100.0	101.0	103.0	2.0	61-121	20		
1,1-Dichloroethene	70.7	76.0	100.0	70.7	76.0	7.2	65-125	20		
Toluene	96.1	96.6	100.0	96.1	96.6	0.5	70-130	20		
Trichloroethene	90.2	98.7	100.0	90.2	98.7	9.0	74-134	20		
Surrogates(s)										
4-Bromofluorobenzene	512	523	500	102.4	104.6		74-121			
1,2-Dichloroethane-d4	463	490	500	92.6	98.0		70-121			
Toluene-d8	517	536	500	103.4	107.2		81-117			

Volatile Organic Compounds by 8260B (Low Level)

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Project: 869-4A
Milpitas Sewage (Mil. Sewage)

Received: 05/25/2004 17:53

Legend and Notes

Analysis Flag

o

Reporting limits were raised due to high level of analyte present in the sample.

PCBs

Lowney & Associates Mountain View
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Phone: (650) 967-2365 Fax: (650) 967-2785

Project: 869-4A
Milpitas Sewage (Mil. Sewage)

Received: 05/25/2004 17:53

Samples Reported

Sample Name	Date Sampled	Matrix	Lab #
BLD-9B	05/24/2004	Water	10
BLD-9C	05/24/2004	Water	12
BLD-10B	05/24/2004	Water	16

PCBs

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Project: 869-4A
Milpitas Sewage (Mil. Sewage)

Received: 05/25/2004 17:53

Prep(s): 3510/8082
Sample ID: **BLD-9B**
Sampled: 05/24/2004
Matrix: Water

Test(s): 8082
Lab ID: 2004-05-0900 - 10
Extracted: 5/27/2004 06:01
QC Batch#: 2004/05/27-01.14

Compound	Conc.	RL	Unit	Dilution	Analyzed	Flag
Aroclor 1016	ND	0.50	ug/L	1.00	05/28/2004 17:08	
Aroclor 1221	ND	0.50	ug/L	1.00	05/28/2004 17:08	
Aroclor 1232	ND	0.50	ug/L	1.00	05/28/2004 17:08	
Aroclor 1242	ND	0.50	ug/L	1.00	05/28/2004 17:08	
Aroclor 1248	ND	0.50	ug/L	1.00	05/28/2004 17:08	
Aroclor 1254	ND	0.50	ug/L	1.00	05/28/2004 17:08	
Aroclor 1260	ND	0.50	ug/L	1.00	05/28/2004 17:08	
Surrogate(s)						
2,4,5,6-Tetrachloro-m-xylene	42.7	62-123	%	1.00	05/28/2004 17:08	sl
Decachlorobiphenyl (PCB/8082)	17.8	56-136	%	1.00	05/28/2004 17:08	sl

PCBs

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Project: 869-4A
Milpitas Sewage (Mil. Sewage)

Received: 05/25/2004 17:53

Prep(s): 3510/8082
Sample ID: **BLD-9C**
Sampled: 05/24/2004
Matrix: Water

Test(s): 8082
Lab ID: 2004-05-0900 - 12
Extracted: 5/27/2004 06:01
QC Batch#: 2004/05/27-01.14

Compound	Conc.	RL	Unit	Dilution	Analyzed	Flag
Aroclor 1016	ND	0.50	ug/L	1.00	05/28/2004 17:28	
Aroclor 1221	ND	0.50	ug/L	1.00	05/28/2004 17:28	
Aroclor 1232	ND	0.50	ug/L	1.00	05/28/2004 17:28	
Aroclor 1242	ND	0.50	ug/L	1.00	05/28/2004 17:28	
Aroclor 1248	ND	0.50	ug/L	1.00	05/28/2004 17:28	
Aroclor 1254	ND	0.50	ug/L	1.00	05/28/2004 17:28	
Aroclor 1260	ND	0.50	ug/L	1.00	05/28/2004 17:28	
Surrogate(s)						
2,4,5,6-Tetrachloro-m-xylene	32.3	62-123	%	1.00	05/28/2004 17:28	sl
Decachlorobiphenyl (PCB/8082)	16.2	56-136	%	1.00	05/28/2004 17:28	sl

PCBs

Lowney & Associates Mountain View
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Project: 869-4A
Milpitas Sewage (Mil. Sewage)

Received: 05/25/2004 17:53

Prep(s): 3510/8082
Sample ID: **BLD-10B**
Sampled: 05/24/2004
Matrix: Water

Test(s): 8082
Lab ID: 2004-05-0900 - 16
Extracted: 5/27/2004 06:01
QC Batch#: 2004/05/27-01.14

Compound	Conc.	RL	Unit	Dilution	Analyzed	Flag
Aroclor 1016	ND	0.50	ug/L	1.00	05/28/2004 17:48	
Aroclor 1221	ND	0.50	ug/L	1.00	05/28/2004 17:48	
Aroclor 1232	ND	0.50	ug/L	1.00	05/28/2004 17:48	
Aroclor 1242	ND	0.50	ug/L	1.00	05/28/2004 17:48	
Aroclor 1248	ND	0.50	ug/L	1.00	05/28/2004 17:48	
Aroclor 1254	ND	0.50	ug/L	1.00	05/28/2004 17:48	
Aroclor 1260	ND	0.50	ug/L	1.00	05/28/2004 17:48	
Surrogate(s)						
2,4,5,6-Tetrachloro-m-xylene	12.9	62-123	%	1.00	05/28/2004 17:48	sl
Decachlorobiphenyl (PCB/8082)	7.4	56-136	%	1.00	05/28/2004 17:48	sl

PCBs

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Project: 869-4A
Milpitas Sewage (Mil. Sewage)

Received: 05/25/2004 17:53

Batch QC Report

Prep(s): 3510/8082
Method Blank
MB: 2004/05/27-01.14-001

Water

Test(s): 8082
QC Batch # 2004/05/27-01.14
Date Extracted: 05/27/2004 06:01

Compound	Conc.	RL	Unit	Analyzed	Flag
Aroclor 1016	ND	0.5	ug/L	05/27/2004 12:06	
Aroclor 1221	ND	0.5	ug/L	05/27/2004 12:06	
Aroclor 1232	ND	0.5	ug/L	05/27/2004 12:06	
Aroclor 1242	ND	0.5	ug/L	05/27/2004 12:06	
Aroclor 1248	ND	0.5	ug/L	05/27/2004 12:06	
Aroclor 1254	ND	0.5	ug/L	05/27/2004 12:06	
Aroclor 1260	ND	0.5	ug/L	05/27/2004 12:06	
Surrogates(s)					
2,4,5,6-Tetrachloro-m-xylene	77.5	62-123	%	05/27/2004 12:06	
Decachlorobiphenyl (PCB/8082)	80.5	56-136	%	05/27/2004 12:06	

PCBs

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Project: 869-4A
Milpitas Sewage (Mil. Sewage)

Received: 05/25/2004 17:53

Batch QC Report

Prep(s): 3510/8082

Test(s): 8082

Laboratory Control Spike **Water** **QC Batch # 2004/05/27-01.14**

LCS 2004/05/27-01.14-002 Extracted: 05/27/2004 Analyzed: 05/27/2004 12:26

LCSD 2004/05/27-01.14-003 Extracted: 05/27/2004 Analyzed: 05/27/2004 12:45

Compound	Conc. ug/L		Exp.Conc.	Recovery %		RPD	Ctrl.Limits %		Flags	
	LCS	LCSD		LCS	LCSD	%	Rec.	RPD	LCS	LCSD
Aroclor 1016	1.72	1.86	2.00	86.0	93.0	7.8	65-135	30		
Aroclor 1260	1.71	1.83	2.00	85.5	91.5	6.8	65-135	30		
Surrogates(s)										
2,4,5,6-Tetrachloro-m-xylene	42.3	45.9	50	84.6	91.8		62-123	0		
Decachlorobiphenyl	38.7	38.4	50	77.3	76.8		56-136	0		

SEVERN TRENT STL

Submission #: 2004-05-0900

PCBs

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Project: 869-4A
Milpitas Sewage (Mil. Sewage)

Received: 05/25/2004 17:53

Legend and Notes

Result Flag

sl

Surrogate recoveries were lower than QC limit due to matrix interference, confirmed by reanalysis.

Organochlorine Pesticides Analysis

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Project: 869-4A
Milpitas Sewage (Mil. Sewage)

Received: 05/25/2004 17:53

Samples Reported

Sample Name	Date Sampled	Matrix	Lab #
BLD-3B	05/21/2004	Soil	4
BLD-9B	05/24/2004	Water	10
BLD-9C	05/24/2004	Water	12
BLD-10B	05/24/2004	Water	16

SEVERN TRENT STL

Submission #: 2004-05-0900

Organochlorine Pesticides Analysis

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Project: 869-4A
Milpitas Sewage (Mil. Sewage)

Received: 05/25/2004 17:53

Prep(s): 3550/8081 | Test(s): 8081
Sample ID: **BLD-3B** | Lab ID: 2004-05-0900 - 4
Sampled: 05/21/2004 | Extracted: 6/1/2004 09:35
Matrix: Soil | QC Batch#: 2004/06/01-01.13
Analysis Flag: lrn,sdo (See Legend and Note Section)

Compound	Conc.	RL	Unit	Dilution	Analyzed	Flag
Aldrin	ND	20	ug/Kg	10.00	06/02/2004 09:25	
Dieldrin	ND	20	ug/Kg	10.00	06/02/2004 09:25	
Endrin aldehyde	ND	20	ug/Kg	10.00	06/02/2004 09:25	
Endrin	ND	20	ug/Kg	10.00	06/02/2004 09:25	
Endrin ketone	ND	20	ug/Kg	10.00	06/02/2004 09:25	
Heptachlor	ND	20	ug/Kg	10.00	06/02/2004 09:25	
Heptachlor epoxide	ND	20	ug/Kg	10.00	06/02/2004 09:25	
4,4`-DDT	ND	20	ug/Kg	10.00	06/02/2004 09:25	
4,4`-DDE	ND	20	ug/Kg	10.00	06/02/2004 09:25	
4,4`-DDD	ND	20	ug/Kg	10.00	06/02/2004 09:25	
Endosulfan I	ND	20	ug/Kg	10.00	06/02/2004 09:25	
Endosulfan II	ND	20	ug/Kg	10.00	06/02/2004 09:25	
alpha-BHC	ND	20	ug/Kg	10.00	06/02/2004 09:25	
beta-BHC	ND	20	ug/Kg	10.00	06/02/2004 09:25	
gamma-BHC (Lindane)	ND	20	ug/Kg	10.00	06/02/2004 09:25	
delta-BHC	ND	20	ug/Kg	10.00	06/02/2004 09:25	
Endosulfan sulfate	ND	20	ug/Kg	10.00	06/02/2004 09:25	
4,4`-Methoxychlor	ND	20	ug/Kg	10.00	06/02/2004 09:25	
Toxaphene	ND	1000	ug/Kg	10.00	06/02/2004 09:25	
Chlordane (Technical)	ND	500	ug/Kg	10.00	06/02/2004 09:25	
alpha-Chlordane	ND	20	ug/Kg	10.00	06/02/2004 09:25	
gamma-Chlordane	ND	20	ug/Kg	10.00	06/02/2004 09:25	
Surrogate(s)						
2,4,5,6-Tetrachloro-m-xylene	NA	50-125	%	10.00	06/02/2004 09:25	
Decachlorobiphenyl (Pest/8081)	NA	46-142	%	10.00	06/02/2004 09:25	

Organochlorine Pesticides Analysis

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Project: 869-4A
Milpitas Sewage (Mil. Sewage)

Received: 05/25/2004 17:53

Prep(s): 3510/8081 | Test(s): 8081
Sample ID: **BLD-9B** | Lab ID: 2004-05-0900 - 10
Sampled: 05/24/2004 | Extracted: 5/27/2004 06:02
Matrix: Water | QC Batch#: 2004/05/27-01.13

Compound	Conc.	RL	Unit	Dilution	Analyzed	Flag
Aldrin	ND	0.060	ug/L	1.00	06/28/2004 21:39	
Dieldrin	ND	0.060	ug/L	1.00	06/28/2004 21:39	
Endrin aldehyde	ND	0.060	ug/L	1.00	06/28/2004 21:39	
Endrin	ND	0.060	ug/L	1.00	06/28/2004 21:39	
Endrin ketone	ND	0.060	ug/L	1.00	06/28/2004 21:39	
Heptachlor	ND	0.060	ug/L	1.00	06/28/2004 21:39	
Heptachlor epoxide	ND	0.060	ug/L	1.00	06/28/2004 21:39	
4,4`-DDT	ND	0.060	ug/L	1.00	06/28/2004 21:39	
4,4`-DDE	ND	0.060	ug/L	1.00	06/28/2004 21:39	
4,4`-DDD	ND	0.060	ug/L	1.00	06/28/2004 21:39	
Endosulfan I	ND	0.060	ug/L	1.00	06/28/2004 21:39	
Endosulfan II	ND	0.060	ug/L	1.00	06/28/2004 21:39	
alpha-BHC	ND	0.060	ug/L	1.00	06/28/2004 21:39	
beta-BHC	ND	0.060	ug/L	1.00	06/28/2004 21:39	
gamma-BHC (Lindane)	ND	0.060	ug/L	1.00	06/28/2004 21:39	
delta-BHC	ND	0.060	ug/L	1.00	06/28/2004 21:39	
Endosulfan sulfate	ND	0.060	ug/L	1.00	06/28/2004 21:39	
4,4`-Methoxychlor	ND	0.060	ug/L	1.00	06/28/2004 21:39	
Toxaphene	ND	1.0	ug/L	1.00	06/28/2004 21:39	
Chlordane (Technical)	ND	1.0	ug/L	1.00	06/28/2004 21:39	
alpha-Chlordane	ND	0.060	ug/L	1.00	06/28/2004 21:39	
gamma-Chlordane	ND	0.060	ug/L	1.00	06/28/2004 21:39	
Surrogate(s)						
2,4,5,6-Tetrachloro-m-xylene	43.4	62-123	%	1.00	06/28/2004 21:39	sl
Decachlorobiphenyl (Pest/8081)	20.4	56-136	%	1.00	06/28/2004 21:39	sl

Organochlorine Pesticides Analysis

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Project: 869-4A
Milpitas Sewage (Mil. Sewage)

Received: 05/25/2004 17:53

Prep(s): 3510/8081 | Test(s): 8081
Sample ID: **BLD-9C** | Lab ID: 2004-05-0900 - 12
Sampled: 05/24/2004 | Extracted: 5/27/2004 06:02
Matrix: Water | QC Batch#: 2004/05/27-01.13

Compound	Conc.	RL	Unit	Dilution	Analyzed	Flag
Aldrin	ND	0.060	ug/L	1.00	06/28/2004 22:03	
Dieldrin	ND	0.060	ug/L	1.00	06/28/2004 22:03	
Endrin aldehyde	ND	0.060	ug/L	1.00	06/28/2004 22:03	
Endrin	ND	0.060	ug/L	1.00	06/28/2004 22:03	
Endrin ketone	ND	0.060	ug/L	1.00	06/28/2004 22:03	
Heptachlor	ND	0.060	ug/L	1.00	06/28/2004 22:03	
Heptachlor epoxide	ND	0.060	ug/L	1.00	06/28/2004 22:03	
4,4`-DDT	ND	0.060	ug/L	1.00	06/28/2004 22:03	
4,4`-DDE	ND	0.060	ug/L	1.00	06/28/2004 22:03	
4,4`-DDD	ND	0.060	ug/L	1.00	06/28/2004 22:03	
Endosulfan I	ND	0.060	ug/L	1.00	06/28/2004 22:03	
Endosulfan II	ND	0.060	ug/L	1.00	06/28/2004 22:03	
alpha-BHC	ND	0.060	ug/L	1.00	06/28/2004 22:03	
beta-BHC	ND	0.060	ug/L	1.00	06/28/2004 22:03	
gamma-BHC (Lindane)	ND	0.060	ug/L	1.00	06/28/2004 22:03	
delta-BHC	ND	0.060	ug/L	1.00	06/28/2004 22:03	
Endosulfan sulfate	ND	0.060	ug/L	1.00	06/28/2004 22:03	
4,4`-Methoxychlor	ND	0.060	ug/L	1.00	06/28/2004 22:03	
Toxaphene	ND	1.0	ug/L	1.00	06/28/2004 22:03	
Chlordane (Technical)	ND	1.0	ug/L	1.00	06/28/2004 22:03	
alpha-Chlordane	ND	0.060	ug/L	1.00	06/28/2004 22:03	
gamma-Chlordane	ND	0.060	ug/L	1.00	06/28/2004 22:03	
Surrogate(s)						
2,4,5,6-Tetrachloro-m-xylene	36.3	62-123	%	1.00	06/28/2004 22:03	sl
Decachlorobiphenyl (Pest/8081)	19.5	56-136	%	1.00	06/28/2004 22:03	sl

Organochlorine Pesticides Analysis

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Project: 869-4A
Milpitas Sewage (Mil. Sewage)

Received: 05/25/2004 17:53

Prep(s):	3510/8081	Test(s):	8081
Sample ID:	**BLD-10B**	Lab ID:	2004-05-0900 - 16
Sampled:	05/24/2004	Extracted:	5/27/2004 06:02
Matrix:	Water	QC Batch#:	2004/05/27-01.13

Compound	Conc.	RL	Unit	Dilution	Analyzed	Flag
Aldrin	ND	0.060	ug/L	1.00	06/28/2004 22:28	
Dieldrin	ND	0.060	ug/L	1.00	06/28/2004 22:28	
Endrin aldehyde	ND	0.060	ug/L	1.00	06/28/2004 22:28	
Endrin	ND	0.060	ug/L	1.00	06/28/2004 22:28	
Endrin ketone	ND	0.060	ug/L	1.00	06/28/2004 22:28	
Heptachlor	ND	0.060	ug/L	1.00	06/28/2004 22:28	
Heptachlor epoxide	ND	0.060	ug/L	1.00	06/28/2004 22:28	
4,4`-DDT	ND	0.060	ug/L	1.00	06/28/2004 22:28	
4,4`-DDE	ND	0.060	ug/L	1.00	06/28/2004 22:28	
4,4`-DDD	ND	0.060	ug/L	1.00	06/28/2004 22:28	
Endosulfan I	ND	0.060	ug/L	1.00	06/28/2004 22:28	
Endosulfan II	ND	0.060	ug/L	1.00	06/28/2004 22:28	
alpha-BHC	ND	0.060	ug/L	1.00	06/28/2004 22:28	
beta-BHC	ND	0.060	ug/L	1.00	06/28/2004 22:28	
gamma-BHC (Lindane)	ND	0.060	ug/L	1.00	06/28/2004 22:28	
delta-BHC	ND	0.060	ug/L	1.00	06/28/2004 22:28	
Endosulfan sulfate	ND	0.060	ug/L	1.00	06/28/2004 22:28	
4,4`-Methoxychlor	ND	0.060	ug/L	1.00	06/28/2004 22:28	
Toxaphene	ND	1.0	ug/L	1.00	06/28/2004 22:28	
Chlordane (Technical)	ND	1.0	ug/L	1.00	06/28/2004 22:28	
alpha-Chlordane	ND	0.060	ug/L	1.00	06/28/2004 22:28	
gamma-Chlordane	ND	0.060	ug/L	1.00	06/28/2004 22:28	
Surrogate(s)						
2,4,5,6-Tetrachloro-m-xylene	15.4	62-123	%	1.00	06/28/2004 22:28	sl
Decachlorobiphenyl (Pest/8081)	9.1	56-136	%	1.00	06/28/2004 22:28	sl

Organochlorine Pesticides Analysis

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Project: 869-4A
Milpitas Sewage (Mil. Sewage)

Received: 05/25/2004 17:53

Batch QC Report

Prep(s): 3510/8081 — Test(s): 8081
Method Blank — **Water** — **QC Batch # 2004/05/27-01.13**
MB: 2004/05/27-01.13-001 — Date Extracted: 05/27/2004 06:02

Compound	Conc.	RL	Unit	Analyzed	Flag
Aldrin	ND	0.060	ug/L	05/27/2004 12:57	
Dieldrin	ND	0.060	ug/L	05/27/2004 12:57	
Endrin aldehyde	ND	0.060	ug/L	05/27/2004 12:57	
Endrin	ND	0.060	ug/L	05/27/2004 12:57	
Endrin ketone	ND	0.060	ug/L	05/27/2004 12:57	
Heptachlor	ND	0.060	ug/L	05/27/2004 12:57	
Heptachlor epoxide	ND	0.060	ug/L	05/27/2004 12:57	
4,4`-DDT	ND	0.060	ug/L	05/27/2004 12:57	
4,4`-DDE	ND	0.060	ug/L	05/27/2004 12:57	
4,4`-DDD	ND	0.060	ug/L	05/27/2004 12:57	
Endosulfan I	ND	0.060	ug/L	05/27/2004 12:57	
Endosulfan II	ND	0.060	ug/L	05/27/2004 12:57	
alpha-BHC	ND	0.060	ug/L	05/27/2004 12:57	
beta-BHC	ND	0.060	ug/L	05/27/2004 12:57	
gamma-BHC (Lindane)	ND	0.060	ug/L	05/27/2004 12:57	
delta-BHC	ND	0.060	ug/L	05/27/2004 12:57	
Endosulfan sulfate	ND	0.060	ug/L	05/27/2004 12:57	
4,4`-Methoxychlor	ND	0.060	ug/L	05/27/2004 12:57	
Toxaphene	ND	1.0	ug/L	05/27/2004 12:57	
Chlordane (Technical)	ND	1.0	ug/L	05/27/2004 12:57	
alpha-Chlordane	ND	0.060	ug/L	05/27/2004 12:57	
gamma-Chlordane	ND	0.060	ug/L	05/27/2004 12:57	
Surrogates(s)					
2,4,5,6-Tetrachloro-m-xylene	83.6	62-123	%	05/27/2004 12:57	
Decachlorobiphenyl (Pest/8081)	93.3	56-136	%	05/27/2004 12:57	

Organochlorine Pesticides Analysis

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Project: 869-4A
Milpitas Sewage (Mil. Sewage)

Received: 05/25/2004 17:53

Batch QC Report

Prep(s): 3550/8081 Test(s): 8081

Method Blank **Soil** **QC Batch # 2004/06/01-01.13**

MB: 2004/06/01-01.13-001 Date Extracted: 06/01/2004 09:35

Compound	Conc.	RL	Unit	Analyzed	Flag
Aldrin	ND	2.0	ug/Kg	06/01/2004 14:25	
Dieldrin	ND	2.0	ug/Kg	06/01/2004 14:25	
Endrin aldehyde	ND	2.0	ug/Kg	06/01/2004 14:25	
Endrin	ND	2.0	ug/Kg	06/01/2004 14:25	
Endrin ketone	ND	2.0	ug/Kg	06/01/2004 14:25	
Heptachlor	ND	2.0	ug/Kg	06/01/2004 14:25	
Heptachlor epoxide	ND	2.0	ug/Kg	06/01/2004 14:25	
4,4`-DDT	ND	2.0	ug/Kg	06/01/2004 14:25	
4,4`-DDE	ND	2.0	ug/Kg	06/01/2004 14:25	
4,4`-DDD	ND	2.0	ug/Kg	06/01/2004 14:25	
Endosulfan I	ND	2.0	ug/Kg	06/01/2004 14:25	
Endosulfan II	ND	2.0	ug/Kg	06/01/2004 14:25	
alpha-BHC	ND	2.0	ug/Kg	06/01/2004 14:25	
beta-BHC	ND	2.0	ug/Kg	06/01/2004 14:25	
gamma-BHC (Lindane)	ND	2.0	ug/Kg	06/01/2004 14:25	
delta-BHC	ND	2.0	ug/Kg	06/01/2004 14:25	
Endosulfan sulfate	ND	2.0	ug/Kg	06/01/2004 14:25	
4,4`-Methoxychlor	ND	2.0	ug/Kg	06/01/2004 14:25	
Toxaphene	ND	35	ug/Kg	06/01/2004 14:25	
Chlordane (Technical)	ND	50	ug/Kg	06/01/2004 14:25	
alpha-Chlordane	ND	2.0	ug/Kg	06/01/2004 14:25	
gamma-Chlordane	ND	2.0	ug/Kg	06/01/2004 14:25	
Surrogates(s)					
2,4,5,6-Tetrachloro-m-xylene	83.5	50-125	%	06/01/2004 14:25	
Decachlorobiphenyl (Pest/8081)	89.3	46-142	%	06/01/2004 14:25	

Organochlorine Pesticides Analysis

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Project: 869-4A
Milpitas Sewage (Mil. Sewage)

Received: 05/25/2004 17:53

Batch QC Report

Prep(s): 3510/8081 Test(s): 8081

Laboratory Control Spike **Water** **QC Batch # 2004/05/27-01.13**

LCS 2004/05/27-01.13-002 Extracted: 05/27/2004 Analyzed: 05/27/2004 13:26

LCSD 2004/05/27-01.13-003 Extracted: 05/27/2004 Analyzed: 05/27/2004 13:55

Compound	Conc. ug/L		Exp.Conc.	Recovery %		RPD	Ctrl.Limits %		Flags	
	LCS	LCSD		LCS	LCSD	%	Rec.	RPD	LCS	LCSD
Aldrin	0.523	0.510	0.500	104.6	102.0	2.5	65-135	35		
Dieldrin	0.538	0.537	0.500	107.6	107.4	0.2	65-135	35		
Endrin	0.544	0.543	0.500	108.8	108.6	0.2	65-135	35		
Heptachlor	0.525	0.517	0.500	105.0	103.4	1.5	65-135	35		
4,4`-DDT	0.541	0.537	0.500	108.2	107.4	0.7	65-135	35		
gamma-BHC (Lindane)	0.552	0.551	0.500	110.4	110.2	0.2	65-135	35		
Surrogates(s)										
2,4,5,6-Tetrachloro-m-xylene	45.6	44.5	50	91.1	89.0		62-123	0		
Decachlorobiphenyl	48.7	48.7	50	97.3	97.3		56-136	0		

Organochlorine Pesticides Analysis

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Project: 869-4A
Milpitas Sewage (Mil. Sewage)

Received: 05/25/2004 17:53

Batch QC Report

Prep(s): 3550/8081

Test(s): 8081

Laboratory Control Spike **Soil** **QC Batch # 2004/06/01-01.13**

LCS 2004/06/01-01.13-002 Extracted: 06/01/2004 Analyzed: 06/01/2004 14:50
LCSD 2004/06/01-01.13-003 Extracted: 06/01/2004 Analyzed: 06/01/2004 15:14

Compound	Conc.	ug/Kg	Exp.Conc.	Recovery %		RPD	Ctrl.Limits %		Flags	
	LCS	LCSD		LCS	LCSD	%	Rec.	RPD	LCS	LCSD
Aldrin	14.8	14.1	16.6	89.2	84.9	4.9	37-136	35		
Dieldrin	15.0	14.4	16.6	90.4	86.7	4.2	58-135	35		
Endrin	15.0	15.0	16.6	90.4	90.4	0.0	58-134	35		
Heptachlor	14.2	13.6	16.6	85.5	81.9	4.3	40-136	35		
4,4'-DDT	15.6	15.4	16.6	94.0	92.8	1.3	55-132	35		
gamma-BHC (Lindane)	14.9	14.1	16.6	89.8	84.9	5.6	37-137	35		
Surrogates(s)										
2,4,5,6-Tetrachloro-m-xylene	46.2	44.3	50	92.4	88.6		50-125	0		
Decachlorobiphenyl	47.9	46.7	50	95.8	93.4		46-142	0		

Organochlorine Pesticides Analysis

Lowney & Associates Mountain View
Attn.: Stason Foster

405 Clyde Ave
Mountain View, CA 94043-2209
Phone: (650) 967-2365 Fax: (650) 967-2785

Project: 869-4A
Milpitas Sewage (Mil. Sewage)

Received: 05/25/2004 17:53

Legend and Notes

Analysis Flag

lrn

Reporting limits raised due to high level of non-target analyte materials.

sdo

Surrogate(s) diluted out

Result Flag

sl

Surrogate recoveries were lower than QC limit due to matrix interference, confirmed by reanalysis.

LOWNEY ASSOCIATES
Environmental/Geotechnical Engineering Consult

☒ Mountain View Office
405 Clyde Ave.
Mountain View, CA 94043
Tel: 650.962.9160
Fax: 650.962.1278

☐ Oakland Office
167 Filbert St.
Oakland, 94607
Tel: 510.834.4321
Fax: 510.834.4722

☐ Fullerton Office
[illegible] Commonwealth Ave.
Fullerton, 92835
Tel: 714.441.3090
Fax: 714.441.3091

☐ San Ramon Office
7250 Camino Ramon
San Ramon, 94583
Tel: 925.275.2555
Fax: 925.275.2559

0900
2004-05-0899-MV

CHAIN OF CUSTODY RECORD

Project Name: Milpitas Sewage (Mil. Sewage)
Job No.: 869-4A
Report To: Strason Foster
Sampler (print): Gwen Erickson
Sampler (signature): [signature]
Electronic Deliverable Format Required: ☐ YES ☐ NO
EDF LOGCODE: ☐ LAMV ☐ LAO ☐ LAF
Global ID # :

Turnaround Requirements:
☒ 5 Working Days
☐ 48 Hours
☐ 24 Hours
☐ 2-3 Hours RUSH
☐

QC Requirement:
☒ Level A (standard)

ANALYSES REQUESTED: 862558

Sample I.D. (Field Point Name)	Date	Time	Lab I.D.	Sample Matrix	No. of Cont.	TPH as gas/BTEX/MTBE Method: CRWQB8021 ☐8260	TPH as diesel (8015M) ☐SG silica gel cleanup ☐Add Oil Range	TPH (418.1) with silica gel column	Halogenated VOCs (Freon 8010 list) Method: ☐8021 ☐8260 ☐add BTEX	Organochlorine Pesticides (8081)	Metals: ☐As, Pb, Hg ☒7 CAM	Fuel Oxygenates (MTBE, ETBE, TAME, DIPE, TBA, 1,2-DCA, and EDB) by 8260	PAHs (8310)	PCBs (8082)	pH	VOCs (8260B, 624)	SVOCs (8270C, 625)	Remarks
BLD-7A	5/24/04	AM		H_2O	11	✓	✓				✓			✓	✓	✓	✓	
BLD-7A				SOIL	1	✓	✓			✓								
BLD-3A				H_2O	11	✓	✓											
BLD-3B				SOIL	1	✓	✓											
BLD-8A		PM		H_2O	11	✓	✓											
BLD-8B				H_2O	11	✓	✓											
BLD-9A				H_2O	11	✓	✓											
BLD-8A	5/24/04	PM		SOIL	1	✓	✓											
BLD-8B		PM		SOIL	1	✓	✓											
BLD-9B		AM		H_2O	11	✓	✓											
BLD-9B		PM		SOIL	1	✓	✓											
BLD-9C		AM		H_2O	11	✓	✓											

Relinquished By: [signature] Date: 5/25/04 Time: 3:33
Relinquished By: [signature] Date: 5/25/04 Time: 1737
Relinquished By: Date: Time:

Received By: [signature] Date: 5/25/04 Time: 1533
Received By: Date: Time:
Lab of Record: STL-SF
Received by Lab: D. Hassinger Date: 5/25/04 Time: 1753

PH Initial:
Temp: 10°C

STL
STL San Francisco
Sample Receipt Checklist

Submission #:2004-05-0900

Checklist completed by: (initials) MV Date: 05/26/04
Courier name: ☒ STL San Francisco ☐ Client
Custody seals intact on shipping container/samples: Yes ___ No ___ Not Present ✓
Chain of custody present? Yes ✓ No ___
Chain of custody signed when relinquished and received? Yes ✓ No ___
Chain of custody agrees with sample labels? Yes ✓ No ___
Samples in proper container/bottle? Yes ✓ No ___
Sample containers intact? Yes ✓ No ___
Sufficient sample volume for indicated test? Yes ✓ No ___
All samples received within holding time? Yes ✓ No ___
Container/Temp Blank temperature in compliance (4° C ± 2)? Temp: 10 °C Yes ___ No ✓
Ice Present Yes ✓ No ___
Water - VOA vials have zero headspace? No VOA vials submitted ___ Yes ___ No ___
(If bubble is present, refer to approximate bubble size and itemize in comments as S (small - O), M (medium - O) or L (large - O)
Water - pH acceptable upon receipt? ☐ Yes ☐ No
☒ pH adjusted - Preservative used: ☒ HNO_3 ☐ HCl ☐ H_2SO_4 ☐ NaOH ☐ ZnOAc - Lot #(s) Y19037
For any item check-listed "No", provided detail of discrepancy in comment section below:

Comments: No temperature blank was used.
METALS PRESERVED IN LAB
EXTRA SOIL SAMPLE ACCID DAMAGED BLD-9A 5/24/04 1458

Project Management [Routing for instruction of indicated discrepancy(ies)]

Project Manager: (initials) ___ Date: ___/___/04
Client contacted: ☐ Yes ☐ No
Summary of discussion:

Corrective Action (per PM/Client):

LOWNEY ASSOCIATES
Environmental / Geotechnical / Engineering Services

Mountain View Office
409 Clyde Ave.
Mountain View, 94043
Tel: [illegible]
Fax: [illegible]

☐ Oakland Office
167 Filbert St.
Oakland, 94607
Tel: 510.[illegible]
Fax: 510.[illegible]

☐ Fullerton Office
[illegible] Imperial Hwy., #470
Fullerton, 92835
Tel: 714.[illegible]
Fax: [illegible]091

☐ San Ramon Office
2558 Camino Ramon
San Ramon, 94583
Tel: 925.275.2555
Fax: 925.275.2556

0900

2004-05-0894-MW

CHAIN OF CUSTODY RECORD

86258

Project Name: Milpitas Sewage (Mil. Sewage)

Job No.: 869-4A

Report To: Shason Foster

Sampler (print): Owen Erickson

Sampler (signature): [signature]

Electronic Deliverable Format Required: ☐ YES ☐ NO

EDF LOGCODE: ☐ LAMV ☐ LAO ☐ LAF

Global ID # :

Turnaround Requirements

☒ 5 Working Days
☐ 48 Hours
☐ 24 Hours
☐ 2-3 Hours RUSH
☐ _____

QC Requirement:
☒ Level A (standard)

ANALYSES REQUESTED

Sample I.D. (Field Point Name)	Date	Time	Lab I.D.	Sample Matrix	No. of Cont.	TPH as gas/BTEX/MTBE Method: EPA 5/8021	TPH as diesel (8015M), Add silica gel column	Modd Oil Range	TRPH (418.1) with silica gel column	Halogenated VOCs (former 8010 list) Method: ☐8021 ☐8260 ☐add BTEX	Organochlorine Pesticides (8081)	Metals: ☐As, Pb, Hg ☐17 CAM	Fuel Oxygenates (MTBE, ETBE, TAME, DIPE, TBA, 1,2-DCA, and EDB) by 8260	PAHs (8310)	PCBs (8082)	pH	VOCs 8260B, 624	SVOCs 8270, 625	
BLD-9C	9/24/04	PM		SOIL	1		1				1	1			1	1	1	1	
BLD-10A		AM		H2O	11	1	1				1	1			1	1	1	1	
BLD-10A		PM		SOIL	1	1	1				1	1			1	1	1	1	
BLD-10B		AM		H2O	11	1	1				1	1			1	1	1	1	
BLD-10B		PM		SOIL	1	1	1				1	1			1	1	1	1	Remarks

Relinquished By: [signature]	Date: 9/25/04	Time: 3:33	Received By: [signature]	Date: 9/25/04	Time: 1:53	PN Initial:	
Relinquished By: [signature]	Date: 9/25/04	Time: 1753	Received By:	Date:	Time:		
Relinquished By:	Date:	Time:	Lab of Record: STL-SF			Temp:	
			Received by Lab: [signature]	Date: 9/25/04	Time: 1753	10° C	

SEVERN TRENT STL

Submission#: 2004-05-1007

Lowney & Associates Mountain View

June 04, 2004

405 Clyde Ave
Mountain View, CA 94043-2209
Attn.: Stason Foster

Project#: 869-4A
Project: Milpitas Sewage

Dear Mr. Foster,

Attached is our report for your samples received on 05/27/2004 17:53
This report has been reviewed and approved for release. Reproduction of this report is permitted only in its entirety.

Please note that any unused portion of the samples will be discarded after 07/11/2004 unless you have requested otherwise.
We appreciate the opportunity to be of service to you. If you have any questions, please call me at (925) 484-1919.
You can also contact me via email. My email address is: asalimpour@stl-inc.com

Sincerely,

Afsaneh Salimpour
Project Manager

SEVERN TRENT STL

Submission #: 2004-05-1007

pH

Lowney & Associates Mountain View
Attn.: Stason Foster

405 Clyde Ave
Mountain View, CA 94043-2209
Phone: (650) 967-2365 Fax: (650) 967-2785

Project: 869-4A
Milpitas Sewage

Received: 05/27/2004 17:53

Samples Reported

Sample Name	Date Sampled	Matrix	Lab #
BLDG-6	05/26/2004 11:30	Water	1

pH

Lowney & Associates Mountain View
Attn.: Stason Foster

405 Clyde Ave
Mountain View, CA 94043-2209
Phone: (650) 967-2365 Fax: (650) 967-2785

Project: 869-4A
Milpitas Sewage

Received: 05/27/2004 17:53

Prep(s):	9040B/150.1	Test(s):	9040B/150.1
Sample ID:	**BLDG-6**	Lab ID:	2004-05-1007 - 1
Sampled:	05/26/2004 11:30	Extracted:	5/27/2004 19:30
Matrix:	Water	QC Batch#:	2004/05/27-01.22

Analysis Flag: HT (See Legend and Note Section)

Compound	Conc.	RL	Unit	Dilution	Analyzed	Flag
pH	7.3	0.1	SU	1.00	05/27/2004 19:30	

pH

Lowney & Associates Mountain View
Attn.: Stason Foster

405 Clyde Ave
Mountain View, CA 94043-2209
Phone: (650) 967-2365 Fax: (650) 967-2785

Project: 869-4A
Milpitas Sewage

Received: 05/27/2004 17:53

Batch QC Report

Prep(s): 9045C — Test(s): 9045C
Method Blank — **Soil** — **QC Batch # 2004/05/27-01.22**
MB: 2004/05/27-01.22-001 — Date Extracted: 05/27/2004

Compound	Conc.	RL	Unit	Analyzed	Flag
pH	7.01	0.1	SU	05/27/2004	

pH

Lowney & Associates Mountain View
Attn.: Stason Foster

405 Clyde Ave
Mountain View, CA 94043-2209
Phone: (650) 967-2365 Fax: (650) 967-2785

Project: 869-4A
Milpitas Sewage

Received: 05/27/2004 17:53

Legend and Notes

Analysis Flag

HT

Extracted out of holding time

Organochlorine Pesticides Analysis

Lowney & Associates Mountain View
Attn.: Stason Foster

405 Clyde Ave
Mountain View, CA 94043-2209
Phone: (650) 967-2365 Fax: (650) 967-2785

Project: 869-4A
Milpitas Sewage

Received: 05/27/2004 17:53

Samples Reported

Sample Name	Date Sampled	Matrix	Lab #
BLDG-6	05/26/2004 11:30	Water	1

Organochlorine Pesticides Analysis

Lowney & Associates Mountain View
Attn.: Stason Foster

405 Clyde Ave
Mountain View, CA 94043-2209
Phone: (650) 967-2365 Fax: (650) 967-2785

Project: 869-4A
Milpitas Sewage

Received: 05/27/2004 17:53

Prep(s):	3510/8081	Test(s):	8081
Sample ID:	**BLDG-6**	Lab ID:	2004-05-1007 - 1
Sampled:	05/26/2004 11:30	Extracted:	5/29/2004 09:49
Matrix:	Water	QC Batch#:	2004/05/29-01.13

Compound	Conc.	RL	Unit	Dilution	Analyzed	Flag
Aldrin	ND	0.060	ug/L	1.00	05/30/2004 17:12	
Dieldrin	ND	0.060	ug/L	1.00	05/30/2004 17:12	
Endrin aldehyde	ND	0.060	ug/L	1.00	05/30/2004 17:12	
Endrin	ND	0.060	ug/L	1.00	05/30/2004 17:12	
Endrin ketone	ND	0.060	ug/L	1.00	05/30/2004 17:12	
Heptachlor	ND	0.060	ug/L	1.00	05/30/2004 17:12	
Heptachlor epoxide	ND	0.060	ug/L	1.00	05/30/2004 17:12	
4,4`-DDT	ND	0.060	ug/L	1.00	05/30/2004 17:12	
4,4`-DDE	ND	0.060	ug/L	1.00	05/30/2004 17:12	
4,4`-DDD	ND	0.060	ug/L	1.00	05/30/2004 17:12	
Endosulfan I	ND	0.060	ug/L	1.00	05/30/2004 17:12	
Endosulfan II	ND	0.060	ug/L	1.00	05/30/2004 17:12	
alpha-BHC	ND	0.060	ug/L	1.00	05/30/2004 17:12	
beta-BHC	ND	0.060	ug/L	1.00	05/30/2004 17:12	
gamma-BHC (Lindane)	ND	0.060	ug/L	1.00	05/30/2004 17:12	
delta-BHC	ND	0.060	ug/L	1.00	05/30/2004 17:12	
Endosulfan sulfate	ND	0.060	ug/L	1.00	05/30/2004 17:12	
4,4`-Methoxychlor	ND	0.060	ug/L	1.00	05/30/2004 17:12	
Toxaphene	ND	1.0	ug/L	1.00	05/30/2004 17:12	
Chlordane (Technical)	ND	1.0	ug/L	1.00	05/30/2004 17:12	
alpha-Chlordane	ND	0.060	ug/L	1.00	05/30/2004 17:12	
gamma-Chlordane	ND	0.060	ug/L	1.00	05/30/2004 17:12	
Surrogate(s)						
2,4,5,6-Tetrachloro-m-xylene	64.8	62-123	%	1.00	05/30/2004 17:12	
Decachlorobiphenyl (Pest/8081)	76.7	56-136	%	1.00	05/30/2004 17:12	

Organochlorine Pesticides Analysis

Lowney & Associates Mountain View
Attn.: Stason Foster

405 Clyde Ave
Mountain View, CA 94043-2209
Phone: (650) 967-2365 Fax: (650) 967-2785

Project: 869-4A
Milpitas Sewage

Received: 05/27/2004 17:53

Batch QC Report

Prep(s): 3510/8081 — Test(s): 8081
Method Blank — **Water** — **QC Batch # 2004/05/29-01.13**
MB: 2004/05/29-01.13-001 — Date Extracted: 05/29/2004 09:49

Compound	Conc.	RL	Unit	Analyzed	Flag
Aldrin	ND	0.060	ug/L	05/30/2004 14:44	
Dieldrin	ND	0.060	ug/L	05/30/2004 14:44	
Endrin aldehyde	ND	0.060	ug/L	05/30/2004 14:44	
Endrin	ND	0.060	ug/L	05/30/2004 14:44	
Endrin ketone	ND	0.060	ug/L	05/30/2004 14:44	
Heptachlor	ND	0.060	ug/L	05/30/2004 14:44	
Heptachlor epoxide	ND	0.060	ug/L	05/30/2004 14:44	
4,4`-DDT	ND	0.060	ug/L	05/30/2004 14:44	
4,4`-DDE	ND	0.060	ug/L	05/30/2004 14:44	
4,4`-DDD	ND	0.060	ug/L	05/30/2004 14:44	
Endosulfan I	ND	0.060	ug/L	05/30/2004 14:44	
Endosulfan II	ND	0.060	ug/L	05/30/2004 14:44	
alpha-BHC	ND	0.060	ug/L	05/30/2004 14:44	
beta-BHC	ND	0.060	ug/L	05/30/2004 14:44	
gamma-BHC (Lindane)	ND	0.060	ug/L	05/30/2004 14:44	
delta-BHC	ND	0.060	ug/L	05/30/2004 14:44	
Endosulfan sulfate	ND	0.060	ug/L	05/30/2004 14:44	
4,4`-Methoxychlor	ND	0.060	ug/L	05/30/2004 14:44	
Toxaphene	ND	1.0	ug/L	05/30/2004 14:44	
Chlordane (Technical)	ND	1.0	ug/L	05/30/2004 14:44	
alpha-Chlordane	ND	0.060	ug/L	05/30/2004 14:44	
gamma-Chlordane	ND	0.060	ug/L	05/30/2004 14:44	
Surrogates(s)					
2,4,5,6-Tetrachloro-m-xylene	68.3	62-123	%	05/30/2004 14:44	
Decachlorobiphenyl (Pest/8081)	103.1	56-136	%	05/30/2004 14:44	

SEVERN TRENT STL

Submission #: 2004-05-1007

Organochlorine Pesticides Analysis

Lowney & Associates Mountain View
Attn.: Stason Foster

405 Clyde Ave
Mountain View, CA 94043-2209
Phone: (650) 967-2365 Fax: (650) 967-2785

Project: 869-4A
Milpitas Sewage

Received: 05/27/2004 17:53

Batch QC Report

Prep(s): 3510/8081 Test(s): 8081

Laboratory Control Spike **Water** **QC Batch # 2004/05/29-01.13**

LCS 2004/05/29-01.13-002 Extracted: 05/29/2004 Analyzed: 05/30/2004 15:09
LCSD 2004/05/29-01.13-003 Extracted: 05/29/2004 Analyzed: 05/30/2004 15:34

Compound	Conc. ug/L		Exp.Conc.	Recovery %		RPD	Ctrl.Limits %		Flags	
	LCS	LCSD		LCS	LCSD	%	Rec.	RPD	LCS	LCSD
Aldrin	0.373	0.419	0.500	74.6	83.8	11.6	65-135	35		
Dieldrin	0.491	0.516	0.500	98.2	103.2	5.0	65-135	35		
Endrin	0.525	0.537	0.500	105.0	107.4	2.3	65-135	35		
Heptachlor	0.409	0.456	0.500	81.8	91.2	10.9	65-135	35		
4,4'-DDT	0.525	0.534	0.500	105.0	106.8	1.7	65-135	35		
gamma-BHC (Lindane)	0.483	0.522	0.500	96.6	104.4	7.8	65-135	35		
Surrogates(s)										
2,4,5,6-Tetrachloro-m-xylene	38.2	42.8	50	76.3	85.6		62-123	0		
Decachlorobiphenyl	49.9	49.1	50	99.8	98.1		56-136	0		

SEVERN TRENT STL

Submission #: 2004-05-1007

PCBs

Lowney & Associates Mountain View
Attn.: Stason Foster

405 Clyde Ave
Mountain View, CA 94043-2209
Phone: (650) 967-2365 Fax: (650) 967-2785

Project: 869-4A
Milpitas Sewage

Received: 05/27/2004 17:53

Samples Reported

Sample Name	Date Sampled	Matrix	Lab #
BLDG-6	05/26/2004 11:30	Water	1

PCBs

Lowney & Associates Mountain View
Attn.: Stason Foster

405 Clyde Ave
Mountain View, CA 94043-2209
Phone: (650) 967-2365 Fax: (650) 967-2785

Project: 869-4A
Milpitas Sewage

Received: 05/27/2004 17:53

Prep(s): 3510/8082 Test(s): 8082
Sample ID: **BLDG-6** Lab ID: 2004-05-1007 - 1
Sampled: 05/26/2004 11:30 Extracted: 5/29/2004 09:48
Matrix: Water QC Batch#: 2004/05/29-01.14

Compound	Conc.	RL	Unit	Dilution	Analyzed	Flag
Aroclor 1016	ND	0.50	ug/L	1.00	05/30/2004 13:42	
Aroclor 1221	ND	0.50	ug/L	1.00	05/30/2004 13:42	
Aroclor 1232	ND	0.50	ug/L	1.00	05/30/2004 13:42	
Aroclor 1242	ND	0.50	ug/L	1.00	05/30/2004 13:42	
Aroclor 1248	ND	0.50	ug/L	1.00	05/30/2004 13:42	
Aroclor 1254	ND	0.50	ug/L	1.00	05/30/2004 13:42	
Aroclor 1260	ND	0.50	ug/L	1.00	05/30/2004 13:42	
Surrogate(s)						
2,4,5,6-Tetrachloro-m-xylene	60.5	62-123	%	1.00	05/30/2004 13:42	s
Decachlorobiphenyl (PCB/8082)	69.2	56-136	%	1.00	05/30/2004 13:42	

PCBs

Lowney & Associates Mountain View
Attn.: Stason Foster

405 Clyde Ave
Mountain View, CA 94043-2209
Phone: (650) 967-2365 Fax: (650) 967-2785

Project: 869-4A
Milpitas Sewage

Received: 05/27/2004 17:53

Batch QC Report

Prep(s): 3510/8082 Test(s): 8082
Method Blank **Water** **QC Batch # 2004/05/29-01.14**
MB: 2004/05/29-01.14-001 Date Extracted: 05/29/2004 09:48

Compound	Conc.	RL	Unit	Analyzed	Flag
Aroclor 1016	ND	0.5	ug/L	05/30/2004 11:45	
Aroclor 1221	ND	0.5	ug/L	05/30/2004 11:45	
Aroclor 1232	ND	0.5	ug/L	05/30/2004 11:45	
Aroclor 1242	ND	0.5	ug/L	05/30/2004 11:45	
Aroclor 1248	ND	0.5	ug/L	05/30/2004 11:45	
Aroclor 1254	ND	0.5	ug/L	05/30/2004 11:45	
Aroclor 1260	ND	0.5	ug/L	05/30/2004 11:45	
Surrogates(s)					
2,4,5,6-Tetrachloro-m-xylene	65.2	62-123	%	05/30/2004 11:45	
Decachlorobiphenyl (PCB/8082)	91.8	56-136	%	05/30/2004 11:45	

PCBs

Lowney & Associates Mountain View
Attn.: Stason Foster

405 Clyde Ave
Mountain View, CA 94043-2209
Phone: (650) 967-2365 Fax: (650) 967-2785

Project: 869-4A
Milpitas Sewage

Received: 05/27/2004 17:53

Batch QC Report

Prep(s): 3510/8082

Test(s): 8082

Laboratory Control Spike **Water** **QC Batch # 2004/05/29-01.14**

LCS 2004/05/29-01.14-002 Extracted: 05/29/2004 Analyzed: 06/01/2004 10:07
LCSD 2004/05/29-01.14-003 Extracted: 05/29/2004 Analyzed: 06/01/2004 10:27

Compound	Conc. ug/L		Exp.Conc.	Recovery %		RPD	Ctrl.Limits %		Flags	
	LCS	LCSD		LCS	LCSD	%	Rec.	RPD	LCS	LCSD
Aroclor 1016	1.66	1.66	2.00	83.0	83.0	0.0	65-135	30		
Aroclor 1260	1.86	1.88	2.00	93.0	94.0	1.1	65-135	30		
Surrogates(s)										
2,4,5,6-Tetrachloro-m-xylene	31.8	31.8	50	63.6	63.7		62-123	0		
Decachlorobiphenyl	46.8	48.8	50	93.5	97.5		56-136	0		

SEVERN TRENT STL

Submission #: 2004-05-1007

PCBs

Lowney & Associates Mountain View
Attn.: Stason Foster

405 Clyde Ave
Mountain View, CA 94043-2209
Phone: (650) 967-2365 Fax: (650) 967-2785

Project: 869-4A
Milpitas Sewage

Received: 05/27/2004 17:53

Legend and Notes

Result Flag

s

One surrogate recovery out of control, but second surrogate within QC limits confirms test performance.

Semi-volatile analysis by GC/MS - EPA8270C

Lowney & Associates Mountain View
Attn.: Stason Foster

405 Clyde Ave
Mountain View, CA 94043-2209
Phone: (650) 967-2365 Fax: (650) 967-2785

Project: 869-4A
Milpitas Sewage

Received: 05/27/2004 17:53

Samples Reported

Sample Name	Date Sampled	Matrix	Lab #
BLDG-6	05/26/2004 11:30	Water	1

SEVERN TRENT STL

Submission #: 2004-05-1007

Semi-volatile analysis by GC/MS - EPA8270C

Lowney & Associates Mountain View
Attn.: Stason Foster

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Mountain View, CA 94043-2209
Phone: (650) 967-2365 Fax: (650) 967-2785

Project: 869-4A
Milpitas Sewage

Received: 05/27/2004 17:53

Prep(s):	3510C/8270C	Test(s):	8270C
Sample ID:	**BLDG-6**	Lab ID:	2004-05-1007 - 1
Sampled:	05/26/2004 11:30	Extracted:	5/29/2004 07:16
Matrix:	Water	QC Batch#:	2004/05/29-01.11

Compound	Conc.	RL	Unit	Dilution	Analyzed	Flag
Phenol	ND	2.0	ug/L	1.00	06/01/2004 22:16	
Bis(2-chloroethyl)ether	ND	2.0	ug/L	1.00	06/01/2004 22:16	
2-Chlorophenol	ND	2.0	ug/L	1.00	06/01/2004 22:16	
1,3-Dichlorobenzene	ND	2.0	ug/L	1.00	06/01/2004 22:16	
1,4-Dichlorobenzene	ND	2.0	ug/L	1.00	06/01/2004 22:16	
Benzyl alcohol	ND	5.0	ug/L	1.00	06/01/2004 22:16	
1,2-Dichlorobenzene	ND	2.0	ug/L	1.00	06/01/2004 22:16	
2-Methylphenol	ND	2.0	ug/L	1.00	06/01/2004 22:16	
Bis(2-chloroisopropyl) ether	ND	2.0	ug/L	1.00	06/01/2004 22:16	
4-Methylphenol	ND	2.0	ug/L	1.00	06/01/2004 22:16	
N-Nitroso-di-n-propylamine	ND	2.0	ug/L	1.00	06/01/2004 22:16	
Hexachloroethane	ND	2.0	ug/L	1.00	06/01/2004 22:16	
Nitrobenzene	ND	2.0	ug/L	1.00	06/01/2004 22:16	
Isophorone	ND	2.0	ug/L	1.00	06/01/2004 22:16	
2-Nitrophenol	ND	2.0	ug/L	1.00	06/01/2004 22:16	
2,4-Dimethylphenol	ND	2.0	ug/L	1.00	06/01/2004 22:16	
Bis(2-chloroethoxy) methane	ND	5.0	ug/L	1.00	06/01/2004 22:16	
2,4-Dichlorophenol	ND	2.0	ug/L	1.00	06/01/2004 22:16	
1,2,4-Trichlorobenzene	ND	2.0	ug/L	1.00	06/01/2004 22:16	
Naphthalene	ND	2.0	ug/L	1.00	06/01/2004 22:16	
4-Chloroaniline	ND	2.0	ug/L	1.00	06/01/2004 22:16	
Hexachlorobutadiene	ND	2.0	ug/L	1.00	06/01/2004 22:16	
4-Chloro-3-methylphenol	ND	5.0	ug/L	1.00	06/01/2004 22:16	
2-Methylnaphthalene	ND	2.0	ug/L	1.00	06/01/2004 22:16	
Hexachlorocyclopentadiene	ND	5.0	ug/L	1.00	06/01/2004 22:16	
2,4,6-Trichlorophenol	ND	2.0	ug/L	1.00	06/01/2004 22:16	
2,4,5-Trichlorophenol	ND	2.0	ug/L	1.00	06/01/2004 22:16	
2-Chloronaphthalene	ND	2.0	ug/L	1.00	06/01/2004 22:16	
2-Nitroaniline	ND	10	ug/L	1.00	06/01/2004 22:16	
Dimethyl phthalate	ND	5.0	ug/L	1.00	06/01/2004 22:16	

Semi-volatile analysis by GC/MS - EPA8270C

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Project: 869-4A
Milpitas Sewage

Received: 05/27/2004 17:53

Prep(s):	3510C/8270C	Test(s):	8270C
Sample ID:	**BLDG-6**	Lab ID:	2004-05-1007 - 1
Sampled:	05/26/2004 11:30	Extracted:	5/29/2004 07:16
Matrix:	Water	QC Batch#:	2004/05/29-01.11

Compound	Conc.	RL	Unit	Dilution	Analyzed	Flag
Acenaphthylene	ND	2.0	ug/L	1.00	06/01/2004 22:16	
3-Nitroaniline	ND	2.0	ug/L	1.00	06/01/2004 22:16	
Acenaphthene	ND	2.0	ug/L	1.00	06/01/2004 22:16	
2,4-Dinitrophenol	ND	10	ug/L	1.00	06/01/2004 22:16	
4-Nitrophenol	ND	10	ug/L	1.00	06/01/2004 22:16	
Dibenzofuran	ND	2.0	ug/L	1.00	06/01/2004 22:16	
2,4-Dinitrotoluene	ND	2.0	ug/L	1.00	06/01/2004 22:16	
2,6-Dinitrotoluene	ND	5.0	ug/L	1.00	06/01/2004 22:16	
Diethyl phthalate	ND	5.0	ug/L	1.00	06/01/2004 22:16	
4-Chlorophenyl phenyl ether	ND	5.0	ug/L	1.00	06/01/2004 22:16	
Fluorene	ND	2.0	ug/L	1.00	06/01/2004 22:16	
4-Nitroaniline	ND	10	ug/L	1.00	06/01/2004 22:16	
2-Methyl-4,6-dinitrophenol	ND	10	ug/L	1.00	06/01/2004 22:16	
N-Nitrosodiphenylamine	ND	2.0	ug/L	1.00	06/01/2004 22:16	
4-Bromophenyl phenyl ether	ND	5.0	ug/L	1.00	06/01/2004 22:16	
Hexachlorobenzene	ND	2.0	ug/L	1.00	06/01/2004 22:16	
Pentachlorophenol	ND	10	ug/L	1.00	06/01/2004 22:16	
Phenanthrene	ND	2.0	ug/L	1.00	06/01/2004 22:16	
Anthracene	ND	2.0	ug/L	1.00	06/01/2004 22:16	
Di-n-butyl phthalate	ND	5.0	ug/L	1.00	06/01/2004 22:16	
Fluoranthene	ND	2.0	ug/L	1.00	06/01/2004 22:16	
Pyrene	ND	2.0	ug/L	1.00	06/01/2004 22:16	
Butyl benzyl phthalate	ND	5.0	ug/L	1.00	06/01/2004 22:16	
3,3-Dichlorobenzidine	ND	5.0	ug/L	1.00	06/01/2004 22:16	
Benzo(a)anthracene	ND	2.0	ug/L	1.00	06/01/2004 22:16	
bis(2-Ethylhexyl) phthalate	ND	10	ug/L	1.00	06/01/2004 22:16	
Chrysene	ND	2.0	ug/L	1.00	06/01/2004 22:16	
Di-n-octyl phthalate	ND	5.0	ug/L	1.00	06/01/2004 22:16	
Benzo(b)fluoranthene	ND	2.0	ug/L	1.00	06/01/2004 22:16	
Benzo(k)fluoranthene	ND	2.0	ug/L	1.00	06/01/2004 22:16	

SEVERN TRENT STL

Submission #: 2004-05-1007

Semi-volatile analysis by GC/MS - EPA8270C

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Project: 869-4A
Milpitas Sewage

Received: 05/27/2004 17:53

Prep(s):	3510C/8270C	Test(s):	8270C
Sample ID:	**BLDG-6**	Lab ID:	2004-05-1007 - 1
Sampled:	05/26/2004 11:30	Extracted:	5/29/2004 07:16
Matrix:	Water	QC Batch#:	2004/05/29-01.11

Compound	Conc.	RL	Unit	Dilution	Analyzed	Flag
Benzo(a)pyrene	ND	2.0	ug/L	1.00	06/01/2004 22:16	
Indeno(1,2,3-c,d)pyrene	ND	2.0	ug/L	1.00	06/01/2004 22:16	
Dibenzo(a,h)anthracene	ND	2.0	ug/L	1.00	06/01/2004 22:16	
Benzo(g,h,i)perylene	ND	2.0	ug/L	1.00	06/01/2004 22:16	
Benzoic acid	ND	10	ug/L	1.00	06/01/2004 22:16	
Surrogate(s)						
Nitrobenzene-d5	66.2	35-114	%	1.00	06/01/2004 22:16	
2-Fluorobiphenyl	61.4	43-116	%	1.00	06/01/2004 22:16	
p-Terphenyl-d14	90.0	33-141	%	1.00	06/01/2004 22:16	
2-Fluorophenol	59.6	25-100	%	1.00	06/01/2004 22:16	
Phenol-d5	36.1	10-110	%	1.00	06/01/2004 22:16	
2,4,6-Tribromophenol	97.7	10-123	%	1.00	06/01/2004 22:16	

Semi-volatile analysis by GC/MS - EPA8270C

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Project: 869-4A
Milpitas Sewage

Received: 05/27/2004 17:53

Batch QC Report

Prep(s): 3510C/8270C
Method Blank **Water**
MB: 2004/05/29-01.11-001

Test(s): 8270C
QC Batch # 2004/05/29-01.11
Date Extracted: 05/29/2004 07:16

Compound	Conc.	RL	Unit	Analyzed	Flag
Phenol	ND	2.0	ug/L	06/01/2004 17:55	
Bis(2-chloroethyl)ether	ND	2.0	ug/L	06/01/2004 17:55	
2-Chlorophenol	ND	2.0	ug/L	06/01/2004 17:55	
1,3-Dichlorobenzene	ND	2.0	ug/L	06/01/2004 17:55	
1,4-Dichlorobenzene	ND	2.0	ug/L	06/01/2004 17:55	
Benzyl alcohol	ND	5.0	ug/L	06/01/2004 17:55	
1,2-Dichlorobenzene	ND	2.0	ug/L	06/01/2004 17:55	
2-Methylphenol	ND	2.0	ug/L	06/01/2004 17:55	
Bis(2-chloroisopropyl) ether	ND	2.0	ug/L	06/01/2004 17:55	
4-Methylphenol	ND	2.0	ug/L	06/01/2004 17:55	
N-Nitroso-di-n-propylamine	ND	2.0	ug/L	06/01/2004 17:55	
Hexachloroethane	ND	2.0	ug/L	06/01/2004 17:55	
Nitrobenzene	ND	2.0	ug/L	06/01/2004 17:55	
Isophorone	ND	2.0	ug/L	06/01/2004 17:55	
2-Nitrophenol	ND	2.0	ug/L	06/01/2004 17:55	
2,4-Dimethylphenol	ND	2.0	ug/L	06/01/2004 17:55	
Bis(2-chloroethoxy) methane	ND	5.0	ug/L	06/01/2004 17:55	
2,4-Dichlorophenol	ND	2.0	ug/L	06/01/2004 17:55	
1,2,4-Trichlorobenzene	ND	2.0	ug/L	06/01/2004 17:55	
Naphthalene	ND	2.0	ug/L	06/01/2004 17:55	
4-Chloroaniline	ND	2.0	ug/L	06/01/2004 17:55	
Hexachlorobutadiene	ND	2.0	ug/L	06/01/2004 17:55	
4-Chloro-3-methylphenol	ND	5.0	ug/L	06/01/2004 17:55	
2-Methylnaphthalene	ND	2.0	ug/L	06/01/2004 17:55	
Hexachlorocyclopentadiene	ND	5.0	ug/L	06/01/2004 17:55	
2,4,6-Trichlorophenol	ND	2.0	ug/L	06/01/2004 17:55	
2,4,5-Trichlorophenol	ND	2.0	ug/L	06/01/2004 17:55	
2-Chloronaphthalene	ND	2.0	ug/L	06/01/2004 17:55	
2-Nitroaniline	ND	10	ug/L	06/01/2004 17:55	
Dimethyl phthalate	ND	5.0	ug/L	06/01/2004 17:55	

Semi-volatile analysis by GC/MS - EPA8270C

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Project: 869-4A
Milpitas Sewage

Received: 05/27/2004 17:53

Batch QC Report

Prep(s): 3510C/8270C
Method Blank **Water**
MB: 2004/05/29-01.11-001

Test(s): 8270C
QC Batch # 2004/05/29-01.11
Date Extracted: 05/29/2004 07:16

Compound	Conc.	RL	Unit	Analyzed	Flag
Acenaphthylene	ND	2.0	ug/L	06/01/2004 17:55	
3-Nitroaniline	ND	2.0	ug/L	06/01/2004 17:55	
Acenaphthene	ND	2.0	ug/L	06/01/2004 17:55	
2,4-Dinitrophenol	ND	10	ug/L	06/01/2004 17:55	
4-Nitrophenol	ND	10	ug/L	06/01/2004 17:55	
Dibenzofuran	ND	2.0	ug/L	06/01/2004 17:55	
2,4-Dinitrotoluene	ND	2.0	ug/L	06/01/2004 17:55	
2,6-Dinitrotoluene	ND	5.0	ug/L	06/01/2004 17:55	
Diethyl phthalate	ND	5.0	ug/L	06/01/2004 17:55	
4-Chlorophenyl phenyl ether	ND	5.0	ug/L	06/01/2004 17:55	
Fluorene	ND	2.0	ug/L	06/01/2004 17:55	
4-Nitroaniline	ND	10	ug/L	06/01/2004 17:55	
2-Methyl-4,6-dinitrophenol	ND	10	ug/L	06/01/2004 17:55	
N-Nitrosodiphenylamine	ND	2.0	ug/L	06/01/2004 17:55	
4-Bromophenyl phenyl ether	ND	5.0	ug/L	06/01/2004 17:55	
Hexachlorobenzene	ND	2.0	ug/L	06/01/2004 17:55	
Pentachlorophenol	ND	10	ug/L	06/01/2004 17:55	
Phenanthrene	ND	2.0	ug/L	06/01/2004 17:55	
Anthracene	ND	2.0	ug/L	06/01/2004 17:55	
Di-n-butyl phthalate	ND	5.0	ug/L	06/01/2004 17:55	
Fluoranthene	ND	2.0	ug/L	06/01/2004 17:55	
Pyrene	ND	2.0	ug/L	06/01/2004 17:55	
Butyl benzyl phthalate	ND	5.0	ug/L	06/01/2004 17:55	
3,3-Dichlorobenzidine	ND	5.0	ug/L	06/01/2004 17:55	
Benzo(a)anthracene	ND	2.0	ug/L	06/01/2004 17:55	
bis(2-Ethylhexyl) phthalate	ND	10	ug/L	06/01/2004 17:55	
Chrysene	ND	2.0	ug/L	06/01/2004 17:55	
Di-n-octyl phthalate	ND	5.0	ug/L	06/01/2004 17:55	
Benzo(b)fluoranthene	ND	2.0	ug/L	06/01/2004 17:55	
Benzo(k)fluoranthene	ND	2.0	ug/L	06/01/2004 17:55	
Benzo(a)pyrene	ND	2.0	ug/L	06/01/2004 17:55	

Semi-volatile analysis by GC/MS - EPA8270C

Lowney & Associates Mountain View
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Phone: (650) 967-2365 Fax: (650) 967-2785

Project: 869-4A
Milpitas Sewage

Received: 05/27/2004 17:53

Batch QC Report

Prep(s): 3510C/8270C

Test(s): 8270C

Method Blank **Water** **QC Batch # 2004/05/29-01.11**

MB: 2004/05/29-01.11-001

Date Extracted: 05/29/2004 07:16

Compound	Conc.	RL	Unit	Analyzed	Flag
Indeno(1,2,3-c,d)pyrene	ND	2.0	ug/L	06/01/2004 17:55	
Dibenzo(a,h)anthracene	ND	2.0	ug/L	06/01/2004 17:55	
Benzo(g,h,i)perylene	ND	2.0	ug/L	06/01/2004 17:55	
Benzoic acid	ND	10	ug/L	06/01/2004 17:55	
Surrogates(s)					
Nitrobenzene-d5	70.4	35-114	%	06/01/2004 17:55	
2-Fluorobiphenyl	63.5	43-116	%	06/01/2004 17:55	
p-Terphenyl-d14	105.2	33-141	%	06/01/2004 17:55	
2-Fluorophenol	50.8	25-100	%	06/01/2004 17:55	
Phenol-d5	28.4	10-110	%	06/01/2004 17:55	
2,4,6-Tribromophenol	74.4	10-123	%	06/01/2004 17:55	

SEVERN TRENT STL

Submission #: 2004-05-1007

Semi-volatile analysis by GC/MS - EPA8270C

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Project: 869-4A
Milpitas Sewage

Received: 05/27/2004 17:53

Batch QC Report

Prep(s): 3510C/8270C

Test(s): 8270C

Laboratory Control Spike **Water** **QC Batch # 2004/05/29-01.11**

LCS 2004/05/29-01.11-002 Extracted: 05/29/2004 Analyzed: 06/01/2004 18:24

LCSD 2004/05/29-01.11-003 Extracted: 05/29/2004 Analyzed: 06/01/2004 18:53

Compound	Conc. ug/L		Exp.Conc.	Recovery %		RPD	Ctrl.Limits %		Flags	
	LCS	LCSD		LCS	LCSD	%	Rec.	RPD	LCS	LCSD
Phenol	18.0	21.3	60.0	30.0	35.5	16.8	12-89	35		
2-Chlorophenol	48.4	51.9	60.0	80.7	86.5	6.9	23-134	25		
1,4-Dichlorobenzene	21.1	23.4	30.0	70.3	78.0	10.4	36-97	30		
N-Nitroso-di-n-propylamine	20.0	21.6	30.0	66.7	72.0	7.6	10-130	34		
1,2,4-Trichlorobenzene	21.8	22.5	30.0	72.7	75.0	3.1	44-142	35		
4-Chloro-3-methylphenol	50.4	48.0	60.0	84.0	80.0	4.9	22-147	31		
Acenaphthene	26.5	26.4	30.0	88.3	88.0	0.3	56-118	30		
4-Nitrophenol	8.24	7.31	60.0	13.7	12.2	11.6	1-132	35		
2,4-Dinitrotoluene	24.8	24.9	30.0	82.7	83.0	0.4	39-139	35		
Pentachlorophenol	43.9	37.6	60.0	73.2	62.7	15.5	45-125	35		
Pyrene	31.9	32.1	30.0	106.3	107.0	0.7	52-115	35		
Surrogates(s)										
Nitrobenzene-d5	17.4	17.4	25	69.6	69.6		35-114			
2-Fluorobiphenyl	17.8	18.8	25	71.2	75.2		43-116			
p-Terphenyl-d14	25.9	27.8	25	103.6	111.2		33-141			
2-Fluorophenol	25.0	27.0	50	50.0	54.0		25-100			
Phenol-d5	14.9	18.2	50	29.8	36.4		10-110			
2,4,6-Tribromophenol	44.5	43.8	50	89.0	87.6		10-123			

SEVERN TRENT STL

Submission #: 2004-05-1007

Total Extractable Petroleum Hydrocarbons (TEPH)

Lowney & Associates Mountain View
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Phone: (650) 967-2365 Fax: (650) 967-2785

Project: 869-4A
Milpitas Sewage

Received: 05/27/2004 17:53

Samples Reported

Sample Name	Date Sampled	Matrix	Lab #
BLDG-6	05/26/2004 11:30	Water	1

SEVERN TRENT STL

Submission #: 2004-05-1007

Total Extractable Petroleum Hydrocarbons (TEPH)

Lowney & Associates Mountain View
Attn.: Stason Foster

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Project: 869-4A
Milpitas Sewage

Received: 05/27/2004 17:53

Prep(s):	3510/8015M	Test(s):	8015M
Sample ID:	**BLDG-6**	Lab ID:	2004-05-1007 - 1
Sampled:	05/26/2004 11:30	Extracted:	5/29/2004 08:23
Matrix:	Water	QC Batch#:	2004/05/29-02.10

Compound	Conc.	RL	Unit	Dilution	Analyzed	Flag
Diesel	400	50	ug/L	1.00	05/29/2004 20:53	ldr
Motor Oil	ND	500	ug/L	1.00	05/29/2004 20:53	
Surrogate(s)						
o-Terphenyl	83.8	60-130	%	1.00	05/29/2004 20:53	

Total Extractable Petroleum Hydrocarbons (TEPH)

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Project: 869-4A
Milpitas Sewage

Received: 05/27/2004 17:53

Batch QC Report

Prep(s): 3510/8015M — Test(s): 8015M

Method Blank — **Water** — **QC Batch # 2004/05/29-02.10**

MB: 2004/05/29-02.10-001 — Date Extracted: 05/29/2004 08:23

Compound	Conc.	RL	Unit	Analyzed	Flag
Diesel	ND	50	ug/L	05/29/2004 17:46	
Motor Oil	ND	500	ug/L	05/29/2004 17:46	
Surrogates(s)					
o-Terphenyl	86.4	60-130	%	05/29/2004 17:46	

SEVERN TRENT STL

Submission #: 2004-05-1007

Total Extractable Petroleum Hydrocarbons (TEPH)

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Project: 869-4A
Milpitas Sewage

Received: 05/27/2004 17:53

Batch QC Report

Prep(s): 3510/8015M — Test(s): 8015M

Laboratory Control Spike — **Water** — **QC Batch # 2004/05/29-02.10**

LCS 2004/05/29-02.10-002 — Extracted: 05/29/2004 — Analyzed: 05/29/2004 18:13

LCSD 2004/05/29-02.10-003 — Extracted: 05/29/2004 — Analyzed: 05/29/2004 18:41

Compound	Conc. ug/L		Exp.Conc.	Recovery %		RPD	Ctrl.Limits %		Flags	
	LCS	LCSD		LCS	LCSD	%	Rec.	RPD	LCS	LCSD
Diesel	908	849	1000	90.8	84.9	6.7	60-130	25		
Surrogates(s)										
o-Terphenyl	19.1	18.0	20.0	95.3	90.1		60-130	0		

Total Extractable Petroleum Hydrocarbons (TEPH)

Lowney & Associates Mountain View
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Phone: (650) 967-2365 Fax: (650) 967-2785

Project: 869-4A
Milpitas Sewage

Received: 05/27/2004 17:53

Legend and Notes

Result Flag

ldr

Hydrocarbon reported is in the late Diesel range, and does not match our Diesel standard

Volatile Organic Compounds by 8260B (Low Level)

Lowney & Associates Mountain View
Attn.: Stason Foster

405 Clyde Ave
Mountain View, CA 94043-2209
Phone: (650) 967-2365 Fax: (650) 967-2785

Project: 869-4A
Milpitas Sewage

Received: 05/27/2004 17:53

Samples Reported

Sample Name	Date Sampled	Matrix	Lab #
BLDG-6	05/26/2004 11:30	Water	1

Volatile Organic Compounds by 8260B (Low Level)

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Project: 869-4A
Milpitas Sewage

Received: 05/27/2004 17:53

Prep(s): 5030B
Test(s): 8260B
Sample ID: **BLDG-6**
Lab ID: 2004-05-1007 - 1
Sampled: 05/26/2004 11:30
Extracted: 6/3/2004 11:14
Matrix: Water
QC Batch#: 2004/06/03-01.60

Compound	Conc.	RL	Unit	Dilution	Analyzed	Flag
MTBE	ND	5.0	ug/L	1.00	06/03/2004 11:14	
Acetone	ND	50	ug/L	1.00	06/03/2004 11:14	
Benzene	ND	0.50	ug/L	1.00	06/03/2004 11:14	
Bromodichloromethane	ND	0.50	ug/L	1.00	06/03/2004 11:14	
Bromobenzene	ND	1.0	ug/L	1.00	06/03/2004 11:14	
Bromochloromethane	ND	1.0	ug/L	1.00	06/03/2004 11:14	
Bromoform	ND	0.50	ug/L	1.00	06/03/2004 11:14	
Bromomethane	ND	1.0	ug/L	1.00	06/03/2004 11:14	
2-Butanone(MEK)	ND	50	ug/L	1.00	06/03/2004 11:14	
n-Butylbenzene	ND	1.0	ug/L	1.00	06/03/2004 11:14	
sec-Butylbenzene	ND	1.0	ug/L	1.00	06/03/2004 11:14	
tert-Butylbenzene	ND	1.0	ug/L	1.00	06/03/2004 11:14	
Carbon disulfide	ND	5.0	ug/L	1.00	06/03/2004 11:14	
Carbon tetrachloride	ND	0.50	ug/L	1.00	06/03/2004 11:14	
Chlorobenzene	ND	0.50	ug/L	1.00	06/03/2004 11:14	
Chloroethane	ND	1.0	ug/L	1.00	06/03/2004 11:14	
2-Chloroethylvinyl ether	ND	5.0	ug/L	1.00	06/03/2004 11:14	
Chloroform	ND	1.0	ug/L	1.00	06/03/2004 11:14	
Chloromethane	ND	1.0	ug/L	1.00	06/03/2004 11:14	
2-Chlorotoluene	ND	0.50	ug/L	1.00	06/03/2004 11:14	
4-Chlorotoluene	ND	0.50	ug/L	1.00	06/03/2004 11:14	
Dibromochloromethane	ND	0.50	ug/L	1.00	06/03/2004 11:14	
1,2-Dichlorobenzene	ND	0.50	ug/L	1.00	06/03/2004 11:14	
1,3-Dichlorobenzene	ND	0.50	ug/L	1.00	06/03/2004 11:14	
1,4-Dichlorobenzene	ND	0.50	ug/L	1.00	06/03/2004 11:14	
1,3-Dichloropropane	ND	1.0	ug/L	1.00	06/03/2004 11:14	
2,2-Dichloropropane	ND	0.50	ug/L	1.00	06/03/2004 11:14	
1,1-Dichloropropene	ND	0.50	ug/L	1.00	06/03/2004 11:14	
1,2-Dibromo-3-chloropropane	ND	1.0	ug/L	1.00	06/03/2004 11:14	
1,2-Dibromoethane	ND	0.50	ug/L	1.00	06/03/2004 11:14	

SEVERN TRENT STL

Submission #: 2004-05-1007

Volatile Organic Compounds by 8260B (Low Level)

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Project: 869-4A
Milpitas Sewage

Received: 05/27/2004 17:53

Prep(s): 5030B
Test(s): 8260B
Sample ID: **BLDG-6**
Lab ID: 2004-05-1007 - 1
Sampled: 05/26/2004 11:30
Extracted: 6/3/2004 11:14
Matrix: Water
QC Batch#: 2004/06/03-01.60

Compound	Conc.	RL	Unit	Dilution	Analyzed	Flag
Dibromomethane	ND	0.50	ug/L	1.00	06/03/2004 11:14	
Dichlorodifluoromethane	ND	0.50	ug/L	1.00	06/03/2004 11:14	
1,1-Dichloroethane	ND	0.50	ug/L	1.00	06/03/2004 11:14	
1,2-Dichloroethane	ND	0.50	ug/L	1.00	06/03/2004 11:14	
1,1-Dichloroethene	ND	0.50	ug/L	1.00	06/03/2004 11:14	
cis-1,2-Dichloroethene	ND	0.50	ug/L	1.00	06/03/2004 11:14	
trans-1,2-Dichloroethene	ND	0.50	ug/L	1.00	06/03/2004 11:14	
1,2-Dichloropropane	ND	0.50	ug/L	1.00	06/03/2004 11:14	
cis-1,3-Dichloropropene	ND	0.50	ug/L	1.00	06/03/2004 11:14	
trans-1,3-Dichloropropene	ND	0.50	ug/L	1.00	06/03/2004 11:14	
Ethylbenzene	ND	0.50	ug/L	1.00	06/03/2004 11:14	
Hexachlorobutadiene	ND	1.0	ug/L	1.00	06/03/2004 11:14	
2-Hexanone	ND	50	ug/L	1.00	06/03/2004 11:14	
Isopropylbenzene	ND	0.50	ug/L	1.00	06/03/2004 11:14	
p-Isopropyltoluene	ND	1.0	ug/L	1.00	06/03/2004 11:14	
Methylene chloride	ND	5.0	ug/L	1.00	06/03/2004 11:14	
4-Methyl-2-pentanone (MIBK)	ND	50	ug/L	1.00	06/03/2004 11:14	
Naphthalene	ND	1.0	ug/L	1.00	06/03/2004 11:14	
n-Propylbenzene	ND	1.0	ug/L	1.00	06/03/2004 11:14	
Styrene	ND	0.50	ug/L	1.00	06/03/2004 11:14	
1,1,1,2-Tetrachloroethane	ND	0.50	ug/L	1.00	06/03/2004 11:14	
1,1,2,2-Tetrachloroethane	ND	0.50	ug/L	1.00	06/03/2004 11:14	
Tetrachloroethene	ND	0.50	ug/L	1.00	06/03/2004 11:14	
Toluene	ND	0.50	ug/L	1.00	06/03/2004 11:14	
1,2,3-Trichlorobenzene	ND	1.0	ug/L	1.00	06/03/2004 11:14	
1,2,4-Trichlorobenzene	ND	1.0	ug/L	1.00	06/03/2004 11:14	
1,1,1-Trichloroethane	ND	0.50	ug/L	1.00	06/03/2004 11:14	
1,1,2-Trichloroethane	ND	0.50	ug/L	1.00	06/03/2004 11:14	
Trichloroethene	ND	0.50	ug/L	1.00	06/03/2004 11:14	
Trichlorofluoromethane	ND	1.0	ug/L	1.00	06/03/2004 11:14	

Volatile Organic Compounds by 8260B (Low Level)

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Project: 869-4A
Milpitas Sewage

Received: 05/27/2004 17:53

Prep(s): 5030B
Sample ID: **BLDG-6**
Sampled: 05/26/2004 11:30
Matrix: Water

Test(s): 8260B
Lab ID: 2004-05-1007 - 1
Extracted: 6/3/2004 11:14
QC Batch#: 2004/06/03-01.60

Compound	Conc.	RL	Unit	Dilution	Analyzed	Flag
Trichlorotrifluoroethane	ND	0.50	ug/L	1.00	06/03/2004 11:14	
1,2,4-Trimethylbenzene	ND	0.50	ug/L	1.00	06/03/2004 11:14	
1,3,5-Trimethylbenzene	ND	0.50	ug/L	1.00	06/03/2004 11:14	
Vinyl acetate	ND	25	ug/L	1.00	06/03/2004 11:14	
Vinyl chloride	ND	0.50	ug/L	1.00	06/03/2004 11:14	
Total xylenes	ND	1.0	ug/L	1.00	06/03/2004 11:14	
Surrogate(s)						
4-Bromofluorobenzene	88.7	79-118	%	1.00	06/03/2004 11:14	
1,2-Dichloroethane-d4	92.3	78-117	%	1.00	06/03/2004 11:14	
Toluene-d8	92.6	77-121	%	1.00	06/03/2004 11:14	

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Project: 869-4A
Milpitas Sewage

Received: 05/27/2004 17:53

Batch QC Report

Prep(s): 5030B
Method Blank
MB: 2004/06/03-01.60-007

Water

Test(s): 8260B
QC Batch # 2004/06/03-01.60
Date Extracted: 06/03/2004 10:07

Compound	Conc.	RL	Unit	Analyzed	Flag
MTBE	ND	5.0	ug/L	06/03/2004 10:07	
Acetone	ND	50	ug/L	06/03/2004 10:07	
Benzene	ND	0.5	ug/L	06/03/2004 10:07	
Bromodichloromethane	ND	0.5	ug/L	06/03/2004 10:07	
Bromobenzene	ND	1.0	ug/L	06/03/2004 10:07	
Bromochloromethane	ND	1.0	ug/L	06/03/2004 10:07	
Bromoform	ND	0.5	ug/L	06/03/2004 10:07	
Bromomethane	ND	1.0	ug/L	06/03/2004 10:07	
2-Butanone(MEK)	ND	50	ug/L	06/03/2004 10:07	
n-Butylbenzene	ND	1.0	ug/L	06/03/2004 10:07	
sec-Butylbenzene	ND	1.0	ug/L	06/03/2004 10:07	
tert-Butylbenzene	ND	1.0	ug/L	06/03/2004 10:07	
Carbon disulfide	ND	5.0	ug/L	06/03/2004 10:07	
Carbon tetrachloride	ND	0.5	ug/L	06/03/2004 10:07	
Chlorobenzene	ND	0.5	ug/L	06/03/2004 10:07	
Chloroethane	ND	1.0	ug/L	06/03/2004 10:07	
2-Chloroethylvinyl ether	ND	5.0	ug/L	06/03/2004 10:07	
Chloroform	ND	1.0	ug/L	06/03/2004 10:07	
Chloromethane	ND	1.0	ug/L	06/03/2004 10:07	
2-Chlorotoluene	ND	0.5	ug/L	06/03/2004 10:07	
4-Chlorotoluene	ND	0.5	ug/L	06/03/2004 10:07	
Dibromochloromethane	ND	0.5	ug/L	06/03/2004 10:07	
1,2-Dichlorobenzene	ND	0.5	ug/L	06/03/2004 10:07	
1,3-Dichlorobenzene	ND	0.5	ug/L	06/03/2004 10:07	
1,4-Dichlorobenzene	ND	0.5	ug/L	06/03/2004 10:07	
1,3-Dichloropropane	ND	1.0	ug/L	06/03/2004 10:07	
2,2-Dichloropropane	ND	0.5	ug/L	06/03/2004 10:07	
1,1-Dichloropropene	ND	0.5	ug/L	06/03/2004 10:07	
1,2-Dibromo-3-chloropropane	ND	1.0	ug/L	06/03/2004 10:07	
1,2-Dibromoethane	ND	0.5	ug/L	06/03/2004 10:07	

Volatile Organic Compounds by 8260B (Low Level)

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Project: 869-4A
Milpitas Sewage

Received: 05/27/2004 17:53

Batch QC Report

Prep(s): 5030B — Test(s): 8260B

Method Blank — **Water** — **QC Batch # 2004/06/03-01.60**

MB: 2004/06/03-01.60-007 — Date Extracted: 06/03/2004 10:07

Compound	Conc.	RL	Unit	Analyzed	Flag
Dibromomethane	ND	0.5	ug/L	06/03/2004 10:07	
Dichlorodifluoromethane	ND	0.5	ug/L	06/03/2004 10:07	
1,1-Dichloroethane	ND	0.5	ug/L	06/03/2004 10:07	
1,2-Dichloroethane	ND	0.5	ug/L	06/03/2004 10:07	
1,1-Dichloroethene	ND	0.5	ug/L	06/03/2004 10:07	
cis-1,2-Dichloroethene	ND	0.5	ug/L	06/03/2004 10:07	
trans-1,2-Dichloroethene	ND	0.5	ug/L	06/03/2004 10:07	
1,2-Dichloropropane	ND	0.5	ug/L	06/03/2004 10:07	
cis-1,3-Dichloropropene	ND	0.5	ug/L	06/03/2004 10:07	
trans-1,3-Dichloropropene	ND	0.5	ug/L	06/03/2004 10:07	
Ethylbenzene	ND	0.5	ug/L	06/03/2004 10:07	
Hexachlorobutadiene	ND	1.0	ug/L	06/03/2004 10:07	
2-Hexanone	ND	50	ug/L	06/03/2004 10:07	
Isopropylbenzene	ND	0.5	ug/L	06/03/2004 10:07	
p-Isopropyltoluene	ND	1.0	ug/L	06/03/2004 10:07	
Methylene chloride	ND	5.0	ug/L	06/03/2004 10:07	
4-Methyl-2-pentanone (MIBK)	ND	50	ug/L	06/03/2004 10:07	
Naphthalene	ND	1.0	ug/L	06/03/2004 10:07	
n-Propylbenzene	ND	1.0	ug/L	06/03/2004 10:07	
Styrene	ND	0.5	ug/L	06/03/2004 10:07	
1,1,1,2-Tetrachloroethane	ND	0.5	ug/L	06/03/2004 10:07	
1,1,2,2-Tetrachloroethane	ND	0.5	ug/L	06/03/2004 10:07	
Tetrachloroethene	ND	0.5	ug/L	06/03/2004 10:07	
Toluene	ND	0.5	ug/L	06/03/2004 10:07	
1,2,3-Trichlorobenzene	ND	1.0	ug/L	06/03/2004 10:07	
1,2,4-Trichlorobenzene	ND	1.0	ug/L	06/03/2004 10:07	
1,1,1-Trichloroethane	ND	0.5	ug/L	06/03/2004 10:07	
1,1,2-Trichloroethane	ND	0.5	ug/L	06/03/2004 10:07	
Trichloroethene	ND	0.5	ug/L	06/03/2004 10:07	
Trichlorofluoromethane	ND	1.0	ug/L	06/03/2004 10:07	
Trichlorotrifluoroethane	ND	0.5	ug/L	06/03/2004 10:07	

Volatile Organic Compounds by 8260B (Low Level)

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Project: 869-4A
Milpitas Sewage

Received: 05/27/2004 17:53

Batch QC Report

Prep(s): 5030B — Test(s): 8260B

Method Blank — **Water** — **QC Batch # 2004/06/03-01.60**

MB: 2004/06/03-01.60-007 — Date Extracted: 06/03/2004 10:07

Compound	Conc.	RL	Unit	Analyzed	Flag
1,2,4-Trimethylbenzene	ND	0.5	ug/L	06/03/2004 10:07	
1,3,5-Trimethylbenzene	ND	0.5	ug/L	06/03/2004 10:07	
Vinyl acetate	ND	25	ug/L	06/03/2004 10:07	
Vinyl chloride	ND	0.5	ug/L	06/03/2004 10:07	
Total xylenes	ND	1.0	ug/L	06/03/2004 10:07	
Surrogates(s)					
4-Bromofluorobenzene	89.2	79-118	%	06/03/2004 10:07	
1,2-Dichloroethane-d4	94.1	78-117	%	06/03/2004 10:07	
Toluene-d8	89.4	77-121	%	06/03/2004 10:07	

Volatile Organic Compounds by 8260B (Low Level)

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Project: 869-4A
Milpitas Sewage

Received: 05/27/2004 17:53

Batch QC Report

Prep(s): 5030B

Test(s): 8260B

Laboratory Control Spike **Water** **QC Batch # 2004/06/03-01.60**

LCS 2004/06/03-01.60-059 Extracted: 06/03/2004 Analyzed: 06/03/2004 08:59
LCSD 2004/06/03-01.60-033 Extracted: 06/03/2004 Analyzed: 06/03/2004 09:33

Compound	Conc. ug/L		Exp.Conc.	Recovery %		RPD	Ctrl.Limits %		Flags	
	LCS	LCSD		LCS	LCSD	%	Rec.	RPD	LCS	LCSD
Benzene	19.5	18.7	20.0	97.5	93.5	4.2	69-129	20		
Chlorobenzene	20.5	19.4	20.0	102.5	97.0	5.5	61-121	20		
1,1-Dichloroethene	19.2	18.5	20.0	96.0	92.5	3.7	65-125	20		
Toluene	19.0	18.2	20.0	95.0	91.0	4.3	70-130	20		
Trichloroethene	18.8	18.4	20.0	94.0	92.0	2.2	74-134	20		
Surrogates(s)										
4-Bromofluorobenzene	461	451	500	92.2	90.2		79-118			
1,2-Dichloroethane-d4	466	459	500	93.2	91.8		78-117			
Toluene-d8	455	463	500	91.0	92.6		77-121			

Fuel Oxygenates by 8260B

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Project: 869-4A
Milpitas Sewage

Received: 05/27/2004 17:53

Samples Reported

Sample Name	Date Sampled	Matrix	Lab #
BLDG-6	05/26/2004 11:30	Water	1

Fuel Oxygenates by 8260B

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Project: 869-4A
Milpitas Sewage

Received: 05/27/2004 17:53

Prep(s):	5030B	Test(s):	8260B
Sample ID:	**BLDG-6**	Lab ID:	2004-05-1007 - 1
Sampled:	05/26/2004 11:30	Extracted:	6/3/2004 21:00
Matrix:	Water	QC Batch#:	2004/06/03-01.65

Compound	Conc.	RL	Unit	Dilution	Analyzed	Flag
Gasoline	ND	50	ug/L	1.00	06/03/2004 21:00	
Methyl tert-butyl ether (MTBE)	ND	0.50	ug/L	1.00	06/03/2004 21:00	
Benzene	ND	0.50	ug/L	1.00	06/03/2004 21:00	
Toluene	ND	0.50	ug/L	1.00	06/03/2004 21:00	
Ethylbenzene	ND	0.50	ug/L	1.00	06/03/2004 21:00	
Total xylenes	ND	1.0	ug/L	1.00	06/03/2004 21:00	
Surrogate(s)						
1,2-Dichloroethane-d4	95.5	72-128	%	1.00	06/03/2004 21:00	
Toluene-d8	102.3	80-113	%	1.00	06/03/2004 21:00	

Fuel Oxygenates by 8260B

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Project: 869-4A
Milpitas Sewage

Received: 05/27/2004 17:53

Batch QC Report

Prep(s): 5030B — Test(s): 8260B

Method Blank — **Water** — **QC Batch # 2004/06/03-01.65**

MB: 2004/06/03-01.65-048 — Date Extracted: 06/03/2004 11:48

Compound	Conc.	RL	Unit	Analyzed	Flag
Gasoline	ND	50	ug/L	06/03/2004 11:48	
Methyl tert-butyl ether (MTBE)	ND	0.5	ug/L	06/03/2004 11:48	
Benzene	ND	0.5	ug/L	06/03/2004 11:48	
Toluene	ND	0.5	ug/L	06/03/2004 11:48	
Ethylbenzene	ND	0.5	ug/L	06/03/2004 11:48	
Total xylenes	ND	1.0	ug/L	06/03/2004 11:48	
Surrogates(s)					
1,2-Dichloroethane-d4	93.8	72-128	%	06/03/2004 11:48	
Toluene-d8	104.4	80-113	%	06/03/2004 11:48	

Fuel Oxygenates by 8260B

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Project: 869-4A
Milpitas Sewage

Received: 05/27/2004 17:53

Batch QC Report

Prep(s): 5030B

Test(s): 8260B

Laboratory Control Spike **Water** **QC Batch # 2004/06/03-01.65**

LCS 2004/06/03-01.65-059 Extracted: 06/03/2004 Analyzed: 06/03/2004 10:59
LCSD

Compound	Conc. ug/L		Exp.Conc.	Recovery %		RPD	Ctrl.Limits %		Flags	
	LCS	LCSD		LCS	LCSD	%	Rec.	RPD	LCS	LCSD
Methyl tert-butyl ether (MTBE)	21.8		25.0	87.2			65-165	20		
Benzene	27.9		25.0	111.6			69-129	20		
Toluene	25.5		25.0	102.0			70-130	20		
Surrogates(s)										
1,2-Dichloroethane-d4	406		500	81.2			72-128			
Toluene-d8	517		500	103.4			80-113			

SEVERN TRENT STL

Submission #: 2004-05-1007

Fuel Oxygenates by 8260B

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Project: 869-4A
Milpitas Sewage

Received: 05/27/2004 17:53

Batch QC Report

Prep(s): 5030B

Test(s): 8260B

Matrix Spike (MS / MSD) **Water** **QC Batch # 2004/06/03-01.65**

MW-5 >> MS Lab ID: 2004-05-0886 - 005

MS: 2004/06/03-01.65-028 Extracted: 06/03/2004 Analyzed: 06/03/2004 15:28
Dilution: 1.00

MSD: 2004/06/03-01.65-052 Extracted: 06/03/2004 Analyzed: 06/03/2004 15:52
Dilution: 1.00

Compound	Conc. ug/L			Spk.Level	Recovery %			Limits %		Flags	
	MS	MSD	Sample	ug/L	MS	MSD	RPD	Rec.	RPD	MS	MSD
Benzene	26.9	26.0	ND	25.0	107.6	104.0	3.4	69-129	20		
Toluene	25.7	25.8	ND	25.0	102.8	103.2	0.4	70-130	20		
Methyl tert-butyl ether	57.8	59.4	29.8	25.0	112.0	118.4	5.6	65-165	20		
Surrogate(s)											
1,2-Dichloroethane-d4	502	498		500	100.4	99.6		76-130			
Toluene-d8	545	523		500	109.0	104.6		78-115			

CAM 17 Metals

Lowney & Associates Mountain View
Attn.: Stason Foster

405 Clyde Ave
Mountain View, CA 94043-2209
Phone: (650) 967-2365 Fax: (650) 967-2785

Project: 869-4A
Milpitas Sewage

Received: 05/27/2004 17:53

Samples Reported

Sample Name	Date Sampled	Matrix	Lab #
BLDG-6	05/26/2004 11:30	Water	1

CAM 17 Metals

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Mountain View, CA 94043-2209
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Project: 869-4A
Milpitas Sewage

Received: 05/27/2004 17:53

Prep(s):	3010A 7470A	Test(s):	6010B 7470A
Sample ID:	**BLDG-6**	Lab ID:	2004-05-1007 - 1
Sampled:	05/26/2004 11:30	Extracted:	6/1/2004 07:50 6/1/2004 16:14
Matrix:	Water	QC Batch#:	2004/06/01-04.15 2004/06/01-05.16

Compound	Conc.	RL	Unit	Dilution	Analyzed	Flag
Antimony	ND	0.0050	mg/L	1.00	06/04/2004 10:43	
Arsenic	ND	0.0050	mg/L	1.00	06/04/2004 10:43	
Barium	0.13	0.0050	mg/L	1.00	06/04/2004 10:43	
Beryllium	ND	0.0050	mg/L	1.00	06/04/2004 10:43	
Cadmium	ND	0.0020	mg/L	1.00	06/04/2004 10:43	
Chromium	0.0081	0.0050	mg/L	1.00	06/04/2004 10:43	
Cobalt	ND	0.0050	mg/L	1.00	06/04/2004 10:43	
Copper	0.014	0.0050	mg/L	1.00	06/04/2004 10:43	
Lead	0.047	0.0050	mg/L	1.00	06/04/2004 10:43	
Molybdenum	ND	0.0050	mg/L	1.00	06/04/2004 10:43	
Nickel	0.13	0.0050	mg/L	1.00	06/04/2004 10:43	
Selenium	ND	0.0050	mg/L	1.00	06/04/2004 10:43	
Silver	ND	0.0050	mg/L	1.00	06/04/2004 10:43	
Thallium	ND	0.0050	mg/L	1.00	06/04/2004 10:43	
Vanadium	ND	0.0050	mg/L	1.00	06/04/2004 10:43	
Zinc	0.042	0.010	mg/L	1.00	06/04/2004 10:43	
Mercury	ND	0.00020	mg/L	1.00	06/02/2004 13:04	

CAM 17 Metals

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Project: 869-4A
Milpitas Sewage

Received: 05/27/2004 17:53

Batch QC Report

Prep(s): 3010A
Method Blank **Water**
MB: 2004/06/01-04.15-036

Test(s): 6010B
QC Batch # 2004/06/01-04.15
Date Extracted: 06/01/2004 07:50

Compound	Conc.	RL	Unit	Analyzed	Flag
Antimony	ND	0.0050	mg/L	06/04/2004 10:00	
Arsenic	ND	0.0050	mg/L	06/04/2004 10:00	
Barium	ND	0.0050	mg/L	06/04/2004 10:00	
Beryllium	ND	0.0050	mg/L	06/04/2004 10:00	
Cadmium	ND	0.0020	mg/L	06/04/2004 10:00	
Chromium	ND	0.0050	mg/L	06/04/2004 10:00	
Cobalt	ND	0.0050	mg/L	06/04/2004 10:00	
Copper	ND	0.0050	mg/L	06/04/2004 10:00	
Lead	ND	0.0050	mg/L	06/04/2004 10:00	
Molybdenum	ND	0.0050	mg/L	06/04/2004 10:00	
Nickel	ND	0.0050	mg/L	06/04/2004 10:00	
Selenium	ND	0.0050	mg/L	06/04/2004 10:00	
Silver	ND	0.0050	mg/L	06/04/2004 10:00	
Thallium	ND	0.0050	mg/L	06/04/2004 10:00	
Vanadium	ND	0.0050	mg/L	06/04/2004 10:00	
Zinc	ND	0.010	mg/L	06/04/2004 10:00	

SEVERN TRENT STL

Submission #: 2004-05-1007

CAM 17 Metals

Lowney & Associates Mountain View
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Phone: (650) 967-2365 Fax: (650) 967-2785

Project: 869-4A
Milpitas Sewage

Received: 05/27/2004 17:53

Batch QC Report

Prep(s): 7470A
Method Blank **Water**
MB: 2004/06/01-05.16-033

Test(s): 7470A
QC Batch # 2004/06/01-05.16
Date Extracted: 06/01/2004 16:14

Compound	Conc.	RL	Unit	Analyzed	Flag
Mercury	ND	0.0002	mg/L	06/02/2004 12:43	

CAM 17 Metals

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Project: 869-4A
Milpitas Sewage

Received: 05/27/2004 17:53

Batch QC Report

Prep(s): 3010A

Test(s): 6010B

Laboratory Control Spike **Water** **QC Batch # 2004/06/01-04.15**

LCS 2004/06/01-04.15-037 Extracted: 06/01/2004 Analyzed: 06/04/2004 10:03
LCSD 2004/06/01-04.15-038 Extracted: 06/01/2004 Analyzed: 06/04/2004 10:06

Compound	Conc. mg/L		Exp.Conc.	Recovery %		RPD	Ctrl.Limits %		Flags	
	LCS	LCSD		LCS	LCSD	%	Rec.	RPD	LCS	LCSD
Antimony	0.496	0.511	0.500	99.2	102.2	3.0	80-120	20		
Arsenic	0.516	0.526	0.500	103.2	105.2	1.9	80-120	20		
Barium	0.503	0.514	0.500	100.6	102.8	2.2	80-120	20		
Beryllium	0.463	0.477	0.500	92.6	95.4	3.0	80-120	20		
Cadmium	0.495	0.506	0.500	99.0	101.2	2.2	80-120	20		
Chromium	0.499	0.487	0.500	99.8	97.4	2.4	80-120	20		
Cobalt	0.504	0.514	0.500	100.8	102.8	2.0	80-120	20		
Copper	0.475	0.484	0.500	95.0	96.8	1.9	80-120	20		
Lead	0.459	0.471	0.500	91.8	94.2	2.6	80-120	20		
Molybdenum	0.478	0.491	0.500	95.6	98.2	2.7	80-120	20		
Nickel	0.479	0.489	0.500	95.8	97.8	2.1	80-120	20		
Selenium	0.459	0.473	0.500	91.8	94.6	3.0	80-120	20		
Silver	0.455	0.465	0.500	91.0	93.0	2.2	80-120	20		
Thallium	0.509	0.525	0.500	101.8	105.0	3.1	80-120	20		
Vanadium	0.473	0.483	0.500	94.6	96.6	2.1	80-120	20		
Zinc	0.475	0.486	0.500	95.0	97.2	2.3	80-120	20		

SEVERN TRENT STL

Submission #: 2004-05-1007

CAM 17 Metals

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Phone: (650) 967-2365 Fax: (650) 967-2785

Project: 869-4A
Milpitas Sewage

Received: 05/27/2004 17:53

Batch QC Report

Prep(s): 7470A

Test(s): 7470A

Laboratory Control Spike **Water** **QC Batch # 2004/06/01-05.16**

LCS 2004/06/01-05.16-034 Extracted: 06/01/2004 Analyzed: 06/02/2004 12:44
LCSD 2004/06/01-05.16-035 Extracted: 06/01/2004 Analyzed: 06/02/2004 12:45

Compound	Conc. mg/L		Exp.Conc.	Recovery %		RPD	Ctrl.Limits %		Flags	
	LCS	LCSD		LCS	LCSD	%	Rec.	RPD	LCS	LCSD
Mercury	0.0187	0.0189	0.0200	93.5	94.5	1.1	85-115	20		

LOWNEY ASSOCIATES
Environmental/Geotechnical/Hydrogeologic Services

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☐ **Oakland Office**
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Tel: 510.267.1970
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☐ **Fullerton Office**
251 E. Imperial Hwy. #470
Fullerton 92835
Tel: 714.441.3090
Fax: 714.441.3091

☐ **San Ramon Office**
2256 Camino Ramon
San Ramon 94583
Tel: 925.275.2555
Fax: 925.275.2555

CHAIN OF CUSTODY RECORD

Project Name: Milpitas Sewage
Job No.: 869-4A
Report To: Stream Foster
Sampler (print): Gwen Eriksen
Sampler (signature): G Eriksen

Electronic Deliverable Format Required: ☐ YES ☐ NO
EDF LOGCODE: ☐ LAMV ☐ LAO ☐ LAF
Global ID # :

Turnaround Requirements: 2004.05.1007
☒ 5 Working Days
☐ 48 Hours
☐ 24 Hours
☐ 2-3 Hours RUSH
☐ _____

QC Requirement:
☒ Level A (standard)

ANALYSES REQUESTED: Lab Job # 363363

Sample I.D. (Field Point Name)	Date	Time	Lab I.D.	Sample Matrix	No. of Cont.	TPH as gas/BTEX/MTBE Method: ☐ 8015/8021 ☒ 8260	TPH as diesel (8015M) ☐ add silica gel column ☒ add Oil Range	TRPH (418.1) with silica gel column	Halogenated VOCs (former 8010 list) Method: ☐ 8021 ☐ 8260 ☐ add BTEX	Organochlorine Pesticides (8081)	Metals: ☐ As, Pb, Hg ~~☒ 17 CAM~~	Fuel Oxygenates (MTBE, ETBE, TAME, DIPE, TBA, 1,2-DCA, and EDB) by 8260	PAHs (8310)	PCBs (8082)	pH	VOCs (full list) 8260B	SVOCs 8270C	Remarks
BOLD-6	5/26/04	11:20		H_2O	11	✓	✓			✓	✓			✓	✓	✓	✓	

Relinquished By: G Eriksen	Date: 5/27/04	Time: 2118	Received By:	Date: 5/27/04	Time: 1420
Relinquished By:	Date: 5/27/04	Time: 1753	Received By:	Date:	Time:
Relinquished By:	Date:	Time:	Lab of Record: STL-SF		
			Received by Lab:	Date: 5/27/04	Time: 1753

PM Initial:

Temp: 3°C

SEVERN TRENT STL

Submission#: 2004-06-0251

Lowney & Associates Mountain View

June 10, 2004

405 Clyde Ave
Mountain View, CA 94043-2209
Attn.: Stason Foster

Project#: 869-4A
Project: Milpitas Sewage

Dear Mr. Foster,

Attached is our report for your samples received on 06/08/2004 17:07
This report has been reviewed and approved for release. Reproduction of this report is permitted only in its entirety.

Please note that any unused portion of the samples will be discarded after 07/23/2004 unless you have requested otherwise.
We appreciate the opportunity to be of service to you. If you have any questions, please call me at (925) 484-1919.
You can also contact me via email. My email address is: asalimpour@stl-inc.com

Sincerely,

Afsaneh Salimpour
Project Manager

SEVERN TRENT STL

Submission #: 2004-06-0251

PCBs

Lowney & Associates Mountain View
Attn.: Stason Foster

405 Clyde Ave
Mountain View, CA 94043-2209
Phone: (650) 967-2365 Fax: (650) 967-2785

Project: 869-4A
Milpitas Sewage

Received: 06/08/2004 17:07

Samples Reported

Sample Name	Date Sampled	Matrix	Lab #
BLD-9C	06/08/2004 12:40	Water	1
BLD-10A	06/08/2004 13:05	Water	2
BLD-10A	06/08/2004 13:20	Soil	3

PCBs

Lowney & Associates Mountain View
Attn.: Stason Foster

405 Clyde Ave
Mountain View, CA 94043-2209
Phone: (650) 967-2365 Fax: (650) 967-2785

Project: 869-4A
Milpitas Sewage

Received: 06/08/2004 17:07

Prep(s):	3510/8082	Test(s):	8082
Sample ID:	**BLD-9C**	Lab ID:	2004-06-0251 - 1
Sampled:	06/08/2004 12:40	Extracted:	6/8/2004 07:41
Matrix:	Water	QC Batch#:	2004/06/08-01.14

Compound	Conc.	RL	Unit	Dilution	Analyzed	Flag
Aroclor 1016	ND	0.50	ug/L	1.00	06/09/2004 10:40	
Aroclor 1221	ND	0.50	ug/L	1.00	06/09/2004 10:40	
Aroclor 1232	ND	0.50	ug/L	1.00	06/09/2004 10:40	
Aroclor 1242	ND	0.50	ug/L	1.00	06/09/2004 10:40	
Aroclor 1248	ND	0.50	ug/L	1.00	06/09/2004 10:40	
Aroclor 1254	ND	0.50	ug/L	1.00	06/09/2004 10:40	
Aroclor 1260	ND	0.50	ug/L	1.00	06/09/2004 10:40	
Surrogate(s)						
2,4,5,6-Tetrachloro-m-xylene	78.8	62-123	%	1.00	06/09/2004 10:40	
Decachlorobiphenyl (PCB/8082)	43.8	56-136	%	1.00	06/09/2004 10:40	s

PCBs

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Project: 869-4A
Milpitas Sewage

Received: 06/08/2004 17:07

Prep(s):	3510/8082	Test(s):	8082
Sample ID:	**BLD-10A**	Lab ID:	2004-06-0251 - 2
Sampled:	06/08/2004 13:05	Extracted:	6/8/2004 07:41
Matrix:	Water	QC Batch#:	2004/06/08-01.14

Compound	Conc.	RL	Unit	Dilution	Analyzed	Flag
Aroclor 1016	ND	0.50	ug/L	1.00	06/09/2004 11:00	
Aroclor 1221	ND	0.50	ug/L	1.00	06/09/2004 11:00	
Aroclor 1232	ND	0.50	ug/L	1.00	06/09/2004 11:00	
Aroclor 1242	ND	0.50	ug/L	1.00	06/09/2004 11:00	
Aroclor 1248	ND	0.50	ug/L	1.00	06/09/2004 11:00	
Aroclor 1254	1.1	0.50	ug/L	1.00	06/09/2004 11:00	
Aroclor 1260	0.74	0.50	ug/L	1.00	06/09/2004 11:00	
Surrogate(s)						
2,4,5,6-Tetrachloro-m-xylene	74.5	62-123	%	1.00	06/09/2004 11:00	
Decachlorobiphenyl (PCB/8082)	39.1	56-136	%	1.00	06/09/2004 11:00	s

PCBs

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Project: 869-4A
Milpitas Sewage

Received: 06/08/2004 17:07

Prep(s): 3550/8082 Test(s): 8082
Sample ID: **BLD-10A** Lab ID: 2004-06-0251 - 3
Sampled: 06/08/2004 13:20 Extracted: 6/8/2004 12:40
Matrix: Soil QC Batch#: 2004/06/08-02.14
Analysis Flag: sdo (See Legend and Note Section)

Compound	Conc.	RL	Unit	Dilution	Analyzed	Flag
Aroclor 1016	ND	500	ug/Kg	10.00	06/09/2004 11:58	
Aroclor 1221	ND	500	ug/Kg	10.00	06/09/2004 11:58	
Aroclor 1232	ND	500	ug/Kg	10.00	06/09/2004 11:58	
Aroclor 1242	ND	500	ug/Kg	10.00	06/09/2004 11:58	
Aroclor 1248	ND	500	ug/Kg	10.00	06/09/2004 11:58	
Aroclor 1254	3100	500	ug/Kg	10.00	06/09/2004 11:58	
Aroclor 1260	2100	500	ug/Kg	10.00	06/09/2004 11:58	
Surrogate(s)						
2,4,5,6-Tetrachloro-m-xylene	NA	50-125	%	10.00	06/09/2004 11:58	
Decachlorobiphenyl (PCB/8082)	NA	46-142	%	10.00	06/09/2004 11:58	

PCBs

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Project: 869-4A
Milpitas Sewage

Received: 06/08/2004 17:07

Batch QC Report

Prep(s): 3510/8082 Test(s): 8082
Method Blank **Water** **QC Batch # 2004/06/08-01.14**
MB: 2004/06/08-01.14-001 Date Extracted: 06/08/2004 07:41

Compound	Conc.	RL	Unit	Analyzed	Flag
Aroclor 1016	ND	0.5	ug/L	06/08/2004 11:17	
Aroclor 1221	ND	0.5	ug/L	06/08/2004 11:17	
Aroclor 1232	ND	0.5	ug/L	06/08/2004 11:17	
Aroclor 1242	ND	0.5	ug/L	06/08/2004 11:17	
Aroclor 1248	ND	0.5	ug/L	06/08/2004 11:17	
Aroclor 1254	ND	0.5	ug/L	06/08/2004 11:17	
Aroclor 1260	ND	0.5	ug/L	06/08/2004 11:17	
Surrogates(s)					
2,4,5,6-Tetrachloro-m-xylene	100.2	62-123	%	06/08/2004 11:17	
Decachlorobiphenyl (PCB/8082)	83.1	56-136	%	06/08/2004 11:17	

PCBs

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Project: 869-4A
Milpitas Sewage

Received: 06/08/2004 17:07

Batch QC Report

Prep(s): 3550/8082 Test(s): 8082

Method Blank **Soil** **QC Batch # 2004/06/08-02.14**

MB: 2004/06/08-02.14-001 Date Extracted: 06/08/2004 12:40

Compound	Conc.	RL	Unit	Analyzed	Flag
Aroclor 1016	ND	50	ug/Kg	06/09/2004 09:42	
Aroclor 1221	ND	50	ug/Kg	06/09/2004 09:42	
Aroclor 1232	ND	50	ug/Kg	06/09/2004 09:42	
Aroclor 1242	ND	50	ug/Kg	06/09/2004 09:42	
Aroclor 1248	ND	50	ug/Kg	06/09/2004 09:42	
Aroclor 1254	ND	50	ug/Kg	06/09/2004 09:42	
Aroclor 1260	ND	50	ug/Kg	06/09/2004 09:42	
Surrogates(s)					
2,4,5,6-Tetrachloro-m-xylene	86.3	50-125	%	06/09/2004 09:42	
Decachlorobiphenyl (PCB/8082)	89.9	46-142	%	06/09/2004 09:42	

PCBs

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Project: 869-4A
Milpitas Sewage

Received: 06/08/2004 17:07

Batch QC Report

Prep(s): 3510/8082 Test(s): 8082

Laboratory Control Spike **Water** **QC Batch # 2004/06/08-01.14**

LCS 2004/06/08-01.14-002 Extracted: 06/08/2004 Analyzed: 06/08/2004 11:36

LCSD 2004/06/08-01.14-003 Extracted: 06/08/2004 Analyzed: 06/08/2004 11:56

Compound	Conc.	ug/L	Exp.Conc.	Recovery %		RPD	Ctrl.Limits %		Flags	
	LCS	LCSD		LCS	LCSD	%	Rec.	RPD	LCS	LCSD
Aroclor 1016	1.85	2.05	2.00	92.5	102.5	10.3	65-135	30		
Aroclor 1260	1.89	2.03	2.00	94.5	101.5	7.1	65-135	30		
Surrogates(s)										
2,4,5,6-Tetrachloro-m-xylene	44.5	51.1	50	89.0	102.1		62-123	0		
Decachlorobiphenyl	39.7	43.5	50	79.5	87.1		56-136	0		

PCBs

Lowney & Associates Mountain View
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Phone: (650) 967-2365 Fax: (650) 967-2785

Project: 869-4A
Milpitas Sewage

Received: 06/08/2004 17:07

Batch QC Report

Prep(s): 3550/8082

Test(s): 8082

Laboratory Control Spike **Soil** **QC Batch # 2004/06/08-02.14**

LCS 2004/06/08-02.14-002 Extracted: 06/08/2004 Analyzed: 06/09/2004 10:01
LCSD 2004/06/08-02.14-003 Extracted: 06/08/2004 Analyzed: 06/09/2004 10:21

Compound	Conc. ug/Kg		Exp.Conc.	Recovery %		RPD	Ctrl.Limits %		Flags	
	LCS	LCSD		LCS	LCSD	%	Rec.	RPD	LCS	LCSD
Aroclor 1016	56.9	55.9	66.3	85.8	84.2	1.9	65-135	30		
Aroclor 1260	57.2	58.7	66.3	86.3	88.4	2.4	65-135	30		
Surrogates(s)										
2,4,5,6-Tetrachloro-m-xylene	40.6	40.3	50	81.3	80.5		50-125	0		
Decachlorobiphenyl	41.5	42.5	50	82.9	85.0		46-142	0		

PCBs

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Project: 869-4A
Milpitas Sewage

Received: 06/08/2004 17:07

Legend and Notes

Analysis Flag

sdo

Surrogate(s) diluted out

Result Flag

s

One surrogate recovery out of control, but second surrogate within QC limits confirms test performance.

SEVERN TRENT STL

Submission #: 2004-06-0251

Organochlorine Pesticides Analysis

Lowney & Associates Mountain View
Attn.: Stason Foster

405 Clyde Ave
Mountain View, CA 94043-2209
Phone: (650) 967-2365 Fax: (650) 967-2785

Project: 869-4A
Milpitas Sewage

Received: 06/08/2004 17:07

Samples Reported

Sample Name	Date Sampled	Matrix	Lab #
BLD-9C	06/08/2004 12:40	Water	1
BLD-10A	06/08/2004 13:05	Water	2
BLD-10A	06/08/2004 13:20	Soil	3

SEVERN TRENT STL

Submission #: 2004-06-0251

Organochlorine Pesticides Analysis

Lowney & Associates Mountain View
Attn.: Stason Foster

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Mountain View, CA 94043-2209
Phone: (650) 967-2365 Fax: (650) 967-2785

Project: 869-4A
Milpitas Sewage

Received: 06/08/2004 17:07

Prep(s): 3510/8081 | Test(s): 8081
Sample ID: **BLD-9C** | Lab ID: 2004-06-0251 - 1
Sampled: 06/08/2004 12:40 | Extracted: 6/8/2004 07:40
Matrix: Water | QC Batch#: 2004/06/08-03.13

Compound	Conc.	RL	Unit	Dilution	Analyzed	Flag
Aldrin	ND	0.060	ug/L	1.00	06/09/2004 10:16	
Dieldrin	ND	0.060	ug/L	1.00	06/09/2004 10:16	
Endrin aldehyde	ND	0.060	ug/L	1.00	06/09/2004 10:16	
Endrin	ND	0.060	ug/L	1.00	06/09/2004 10:16	
Endrin ketone	ND	0.060	ug/L	1.00	06/09/2004 10:16	
Heptachlor	ND	0.060	ug/L	1.00	06/09/2004 10:16	
Heptachlor epoxide	ND	0.060	ug/L	1.00	06/09/2004 10:16	
4,4`-DDT	ND	0.060	ug/L	1.00	06/09/2004 10:16	
4,4`-DDE	ND	0.060	ug/L	1.00	06/09/2004 10:16	
4,4`-DDD	ND	0.060	ug/L	1.00	06/09/2004 10:16	
Endosulfan I	ND	0.060	ug/L	1.00	06/09/2004 10:16	
Endosulfan II	ND	0.060	ug/L	1.00	06/09/2004 10:16	
alpha-BHC	ND	0.060	ug/L	1.00	06/09/2004 10:16	
beta-BHC	ND	0.060	ug/L	1.00	06/09/2004 10:16	
gamma-BHC (Lindane)	ND	0.060	ug/L	1.00	06/09/2004 10:16	
delta-BHC	ND	0.060	ug/L	1.00	06/09/2004 10:16	
Endosulfan sulfate	ND	0.060	ug/L	1.00	06/09/2004 10:16	
4,4`-Methoxychlor	ND	0.060	ug/L	1.00	06/09/2004 10:16	
Toxaphene	ND	1.0	ug/L	1.00	06/09/2004 10:16	
Chlordane (Technical)	ND	1.0	ug/L	1.00	06/09/2004 10:16	
alpha-Chlordane	ND	0.060	ug/L	1.00	06/09/2004 10:16	
gamma-Chlordane	ND	0.060	ug/L	1.00	06/09/2004 10:16	
Surrogate(s)						
2,4,5,6-Tetrachloro-m-xylene	83.7	62-123	%	1.00	06/09/2004 10:16	
Decachlorobiphenyl (Pest/8081)	44.4	56-136	%	1.00	06/09/2004 10:16	s

SEVERN TRENT STL

Submission #: 2004-06-0251

Organochlorine Pesticides Analysis

Lowney & Associates Mountain View
Attn.: Stason Foster

405 Clyde Ave
Mountain View, CA 94043-2209
Phone: (650) 967-2365 Fax: (650) 967-2785

Project: 869-4A
Milpitas Sewage

Received: 06/08/2004 17:07

Prep(s): 3510/8081 Test(s): 8081
Sample ID: **BLD-10A** Lab ID: 2004-06-0251 - 2
Sampled: 06/08/2004 13:05 Extracted: 6/8/2004 07:40
Matrix: Water QC Batch#: 2004/06/08-03.13

Compound	Conc.	RL	Unit	Dilution	Analyzed	Flag
Aldrin	ND	0.060	ug/L	1.00	06/09/2004 10:47	
Dieldrin	ND	0.060	ug/L	1.00	06/09/2004 10:47	
Endrin aldehyde	ND	0.060	ug/L	1.00	06/09/2004 10:47	
Endrin	ND	0.060	ug/L	1.00	06/09/2004 10:47	
Endrin ketone	ND	0.060	ug/L	1.00	06/09/2004 10:47	
Heptachlor	ND	0.060	ug/L	1.00	06/09/2004 10:47	
Heptachlor epoxide	ND	0.060	ug/L	1.00	06/09/2004 10:47	
4,4`-DDT	ND	0.060	ug/L	1.00	06/09/2004 10:47	
4,4`-DDE	ND	0.060	ug/L	1.00	06/09/2004 10:47	
4,4`-DDD	ND	0.060	ug/L	1.00	06/09/2004 10:47	
Endosulfan I	ND	0.060	ug/L	1.00	06/09/2004 10:47	
Endosulfan II	ND	0.060	ug/L	1.00	06/09/2004 10:47	
alpha-BHC	ND	0.060	ug/L	1.00	06/09/2004 10:47	
beta-BHC	ND	0.060	ug/L	1.00	06/09/2004 10:47	
gamma-BHC (Lindane)	ND	0.060	ug/L	1.00	06/09/2004 10:47	
delta-BHC	ND	0.060	ug/L	1.00	06/09/2004 10:47	
Endosulfan sulfate	ND	0.060	ug/L	1.00	06/09/2004 10:47	
4,4`-Methoxychlor	ND	0.060	ug/L	1.00	06/09/2004 10:47	
Toxaphene	ND	1.0	ug/L	1.00	06/09/2004 10:47	
Chlordane (Technical)	ND	1.0	ug/L	1.00	06/09/2004 10:47	
alpha-Chlordane	ND	0.060	ug/L	1.00	06/09/2004 10:47	
gamma-Chlordane	ND	0.060	ug/L	1.00	06/09/2004 10:47	
Surrogate(s)						
2,4,5,6-Tetrachloro-m-xylene	79.6	62-123	%	1.00	06/09/2004 10:47	
Decachlorobiphenyl (Pest/8081)	39.5	56-136	%	1.00	06/09/2004 10:47	s

SEVERN TRENT STL

Submission #: 2004-06-0251

Organochlorine Pesticides Analysis

Lowney & Associates Mountain View
Attn.: Stason Foster

405 Clyde Ave
Mountain View, CA 94043-2209
Phone: (650) 967-2365 Fax: (650) 967-2785

Project: 869-4A
Milpitas Sewage

Received: 06/08/2004 17:07

Prep(s): 3550/8081 Test(s): 8081
Sample ID: **BLD-10A** Lab ID: 2004-06-0251 - 3
Sampled: 06/08/2004 13:20 Extracted: 6/8/2004 07:01
Matrix: Soil QC Batch#: 2004/06/08-02.13

Compound	Conc.	RL	Unit	Dilution	Analyzed	Flag
Aldrin	ND	10	ug/Kg	5.00	06/09/2004 13:03	
Dieldrin	ND	10	ug/Kg	5.00	06/09/2004 13:03	
Endrin aldehyde	ND	10	ug/Kg	5.00	06/09/2004 13:03	
Endrin	ND	10	ug/Kg	5.00	06/09/2004 13:03	
Endrin ketone	ND	10	ug/Kg	5.00	06/09/2004 13:03	
Heptachlor	ND	10	ug/Kg	5.00	06/09/2004 13:03	
Heptachlor epoxide	ND	10	ug/Kg	5.00	06/09/2004 13:03	
4,4`-DDT	140	10	ug/Kg	5.00	06/09/2004 13:03	
4,4`-DDE	ND	10	ug/Kg	5.00	06/09/2004 13:03	
4,4`-DDD	ND	10	ug/Kg	5.00	06/09/2004 13:03	
Endosulfan I	ND	10	ug/Kg	5.00	06/09/2004 13:03	
Endosulfan II	ND	10	ug/Kg	5.00	06/09/2004 13:03	
alpha-BHC	ND	10	ug/Kg	5.00	06/09/2004 13:03	
beta-BHC	ND	10	ug/Kg	5.00	06/09/2004 13:03	
gamma-BHC (Lindane)	ND	10	ug/Kg	5.00	06/09/2004 13:03	
delta-BHC	ND	10	ug/Kg	5.00	06/09/2004 13:03	
Endosulfan sulfate	ND	10	ug/Kg	5.00	06/09/2004 13:03	
4,4`-Methoxychlor	ND	10	ug/Kg	5.00	06/09/2004 13:03	
Toxaphene	ND	500	ug/Kg	5.00	06/09/2004 13:03	
Chlordane (Technical)	ND	250	ug/Kg	5.00	06/09/2004 13:03	
alpha-Chlordane	ND	10	ug/Kg	5.00	06/09/2004 13:03	
gamma-Chlordane	ND	10	ug/Kg	5.00	06/09/2004 13:03	
Surrogate(s)						
2,4,5,6-Tetrachloro-m-xylene	81.5	50-125	%	5.00	06/09/2004 13:03	
Decachlorobiphenyl (Pest/8081)	203.8	46-142	%	5.00	06/09/2004 13:03	s

Organochlorine Pesticides Analysis

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Project: 869-4A
Milpitas Sewage

Received: 06/08/2004 17:07

Batch QC Report

Prep(s): 3550/8081 — Test(s): 8081

Method Blank — **Soil** — **QC Batch # 2004/06/08-02.13**

MB: 2004/06/08-02.13-001 — Date Extracted: 06/08/2004 07:01

Compound	Conc.	RL	Unit	Analyzed	Flag
Aldrin	ND	2.0	ug/Kg	06/08/2004 12:27	
Dieldrin	ND	2.0	ug/Kg	06/08/2004 12:27	
Endrin aldehyde	ND	2.0	ug/Kg	06/08/2004 12:27	
Endrin	ND	2.0	ug/Kg	06/08/2004 12:27	
Endrin ketone	ND	2.0	ug/Kg	06/08/2004 12:27	
Heptachlor	ND	2.0	ug/Kg	06/08/2004 12:27	
Heptachlor epoxide	ND	2.0	ug/Kg	06/08/2004 12:27	
4,4`-DDT	ND	2.0	ug/Kg	06/08/2004 12:27	
4,4`-DDE	ND	2.0	ug/Kg	06/08/2004 12:27	
4,4`-DDD	ND	2.0	ug/Kg	06/08/2004 12:27	
Endosulfan I	ND	2.0	ug/Kg	06/08/2004 12:27	
Endosulfan II	ND	2.0	ug/Kg	06/08/2004 12:27	
alpha-BHC	ND	2.0	ug/Kg	06/08/2004 12:27	
beta-BHC	ND	2.0	ug/Kg	06/08/2004 12:27	
gamma-BHC (Lindane)	ND	2.0	ug/Kg	06/08/2004 12:27	
delta-BHC	ND	2.0	ug/Kg	06/08/2004 12:27	
Endosulfan sulfate	ND	2.0	ug/Kg	06/08/2004 12:27	
4,4`-Methoxychlor	ND	2.0	ug/Kg	06/08/2004 12:27	
Toxaphene	ND	100	ug/Kg	06/08/2004 12:27	
Chlordane (Technical)	ND	50	ug/Kg	06/08/2004 12:27	
alpha-Chlordane	ND	2.0	ug/Kg	06/08/2004 12:27	
gamma-Chlordane	ND	2.0	ug/Kg	06/08/2004 12:27	
Surrogates(s)					
2,4,5,6-Tetrachloro-m-xylene	88.4	50-125	%	06/08/2004 12:27	
Decachlorobiphenyl (Pest/8081)	88.5	46-142	%	06/08/2004 12:27	

Organochlorine Pesticides Analysis

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Project: 869-4A
Milpitas Sewage

Received: 06/08/2004 17:07

Batch QC Report

Prep(s): 3510/8081 — Test(s): 8081

Method Blank — **Water** — **QC Batch # 2004/06/08-03.13**

MB: 2004/06/08-03.13-001 — Date Extracted: 06/08/2004 07:40

Compound	Conc.	RL	Unit	Analyzed	Flag
Aldrin	ND	0.060	ug/L	06/08/2004 13:14	
Dieldrin	ND	0.060	ug/L	06/08/2004 13:14	
Endrin aldehyde	ND	0.060	ug/L	06/08/2004 13:14	
Endrin	ND	0.060	ug/L	06/08/2004 13:14	
Endrin ketone	ND	0.060	ug/L	06/08/2004 13:14	
Heptachlor	ND	0.060	ug/L	06/08/2004 13:14	
Heptachlor epoxide	ND	0.060	ug/L	06/08/2004 13:14	
4,4`-DDT	ND	0.060	ug/L	06/08/2004 13:14	
4,4`-DDE	ND	0.060	ug/L	06/08/2004 13:14	
4,4`-DDD	ND	0.060	ug/L	06/08/2004 13:14	
Endosulfan I	ND	0.060	ug/L	06/08/2004 13:14	
Endosulfan II	ND	0.060	ug/L	06/08/2004 13:14	
alpha-BHC	ND	0.060	ug/L	06/08/2004 13:14	
beta-BHC	ND	0.060	ug/L	06/08/2004 13:14	
gamma-BHC (Lindane)	ND	0.060	ug/L	06/08/2004 13:14	
delta-BHC	ND	0.060	ug/L	06/08/2004 13:14	
Endosulfan sulfate	ND	0.060	ug/L	06/08/2004 13:14	
4,4`-Methoxychlor	ND	0.060	ug/L	06/08/2004 13:14	
Toxaphene	ND	1.0	ug/L	06/08/2004 13:14	
Chlordane (Technical)	ND	1.0	ug/L	06/08/2004 13:14	
alpha-Chlordane	ND	0.060	ug/L	06/08/2004 13:14	
gamma-Chlordane	ND	0.060	ug/L	06/08/2004 13:14	
Surrogates(s)					
2,4,5,6-Tetrachloro-m-xylene	98.5	62-123	%	06/08/2004 13:14	
Decachlorobiphenyl (Pest/8081)	88.7	56-136	%	06/08/2004 13:14	

Organochlorine Pesticides Analysis

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Project: 869-4A
Milpitas Sewage

Received: 06/08/2004 17:07

Batch QC Report

Prep(s): 3550/8081 Test(s): 8081

Laboratory Control Spike **Soil** **QC Batch # 2004/06/08-02.13**

LCS 2004/06/08-02.13-002 Extracted: 06/08/2004 Analyzed: 06/08/2004 12:58
LCSD 2004/06/08-02.13-003 Extracted: 06/08/2004 Analyzed: 06/08/2004 13:29

Compound	Conc. ug/Kg		Exp.Conc.	Recovery %		RPD	Ctrl.Limits %		Flags	
	LCS	LCSD		LCS	LCSD	%	Rec.	RPD	LCS	LCSD
Aldrin	14.5	15.4	16.5	87.9	92.8	5.4	37-136	35		
Dieldrin	14.5	15.6	16.5	87.9	94.0	6.7	58-135	35		
Endrin	15.0	16.1	16.5	90.9	97.0	6.5	58-134	35		
Heptachlor	15.0	15.9	16.5	90.9	95.8	5.2	40-136	35		
4,4'-DDT	14.5	16.1	16.5	87.9	97.0	9.8	55-132	35		
gamma-BHC (Lindane)	15.0	15.7	16.5	90.9	94.6	4.0	37-137	35		
Surrogates(s)										
2,4,5,6-Tetrachloro-m-xylene	48.2	49.5	50	96.4	99.0		50-125	0		
Decachlorobiphenyl	45.2	50.1	50	90.4	100.1		46-142	0		

Organochlorine Pesticides Analysis

Lowney & Associates Mountain View
Attn.: Stason Foster

405 Clyde Ave
Mountain View, CA 94043-2209
Phone: (650) 967-2365 Fax: (650) 967-2785

Project: 869-4A
Milpitas Sewage

Received: 06/08/2004 17:07

Batch QC Report

Prep(s): 3510/8081 Test(s): 8081

Laboratory Control Spike **Water** **QC Batch # 2004/06/08-03.13**

LCS 2004/06/08-03.13-002 Extracted: 06/08/2004 Analyzed: 06/08/2004 13:39
LCSD 2004/06/08-03.13-003 Extracted: 06/08/2004 Analyzed: 06/08/2004 14:04

Compound	Conc. ug/L		Exp.Conc.	Recovery %		RPD	Ctrl.Limits %		Flags	
	LCS	LCSD		LCS	LCSD	%	Rec.	RPD	LCS	LCSD
Aldrin	0.534	0.493	0.500	106.8	98.6	8.0	65-135	35		
Dieldrin	0.535	0.504	0.500	107.0	100.8	6.0	65-135	35		
Endrin	0.554	0.525	0.500	110.8	105.0	5.4	65-135	35		
Heptachlor	0.545	0.508	0.500	109.0	101.6	7.0	65-135	35		
4,4'-DDT	0.514	0.487	0.500	102.8	97.4	5.4	65-135	35		
gamma-BHC (Lindane)	0.533	0.500	0.500	106.6	100.0	6.4	65-135	35		
Surrogates(s)										
2,4,5,6-Tetrachloro-m-xylene	51.7	47.4	50	103.4	94.9		62-123	0		
Decachlorobiphenyl	48.3	48.9	50	96.5	97.9		56-136	0		

LOWNEY ASSOCIATES
Environmental/Geotechnical Engineering Services

Mountain View Office
405 Clyde Ave.
Mountain View 94043
Tel: 650.967.2365
Fax: 650.967.2785

Oakland Office
167 Fifth St.
Oakland 94607
Tel: 510.267.1000
Fax: 510.267.1001

Fullerton Office
401 E. Imperial Hwy #400
Fullerton 92832
Tel: 714.441.3000
Fax: 714.441.3091

San Ramon Office
2259 Camino Ramon
San Ramon 94583
Tel: 925.275.2585
Fax: 925.275.2587

2004-06-0251

CHAIN OF CUSTODY RECORD

Project Name: Milpitas Sewage
Job No.: 869-4A
Report To: Stason Foster
Sampler (print): Grant Erickson
Sampler (signature): [signature]
Electronic Deliverable Format Required: ☐ YES ☐ NO
EDF LOGCODE: ☐ LAMV ☐ LAO ☐ LAF
Global ID # :

Turnaround Requirements
☐ 5 Working Days
☐ 48 Hours
☐ 24 Hours
☐ 2-3 Hours RUSH
☐

QC Requirement:
☒ Level A (standard)

ANALYSES REQUESTED

Sample I.D. (Field Point Name)	Date	Time	Lab I.D.	Sample Matrix	No. of Cont.	TPH as gas/BTEX/MTBE Method: ☐8015/8021	TPH as diesel (8015M) Check silica gel column	Check BTEX	TPH (418.1 with silica gel column)	Halogenated VOCs (Further 8010 ISL) Method: ☐8021 ☐8260	Organochlorine Pesticides (8081)	Metals: ☐As, Pb, Hg ☐17 CAM	Fuel Oxygenates (MTBE, ETBE, TAME, DIPE, TBA, 1,2-DCA, and EDB) by 8260	PAHs (8310)	PCBs (8082)				Remarks
BMD-9D	6/8/04	12:40		H2O	3						1				1				
BMD-10A	✓	1:05		H2O	2						1				1				
BMD-10A	✓	1:20		Soil	1						1				1				

Relinquished By: [signature]	Date: 6/8/04	Time: 3:35	Received By: [signature]	Date: 6/8/04	Time: 1:55
Relinquished By: [signature]	Date: 6/8/04	Time: 1702	Received By:	Date:	Time:
Relinquished By:	Date:	Time:	Lab of Record:		
			Received by Lab: [signature]	Date: 6/8/04	Time: 1707

PM Initial:
Temp: 5

Submission #: 2004-06-0251

SEVERN TRENT STL

Organochlorine Pesticides Analysis

Lowney & Associates Mountain View
Attn.: Stason Foster

405 Clyde Ave
Mountain View, CA 94043-2209
Phone: (650) 967-2365 Fax: (650) 967-2785

Project: 869-4A
Milpitas Sewage

Received: 06/08/2004 17:07

Legend and Notes

Result Flag

s One surrogate recovery out of control, but second surrogate within QC limits confirms test performance.

Severn Trent Laboratories, Inc.
STL San Francisco * 1220 Quarry Lane, Pleasanton, CA 94566
Tel 925 484 1919 Fax 925 484 1096 * www.stl-inc.com * CA DHS ELAP# 2496

A part of Severn Trent Plc

Volatile Organic Compounds by 8260B (Low Level)

Lowney & Associates Mountain View
Attn.: Stason Foster

405 Clyde Ave
Mountain View, CA 94043-2209
Phone: (650) 967-2365 Fax: (650) 967-2785

Project: 869-4A
Milpitas Sewage

Received: 06/08/2004 17:07

Samples Reported

Sample Name	Date Sampled	Matrix	Lab #
BLD-10A	06/08/2004 13:20	Soil	3

SEVERN TRENT STL

Submission #: 2004-06-0251

Volatile Organic Compounds by 8260B (Low Level)

Lowney & Associates Mountain View
Attn.: Stason Foster

405 Clyde Ave
Mountain View, CA 94043-2209
Phone: (650) 967-2365 Fax: (650) 967-2785

Project: 869-4A
Milpitas Sewage

Received: 06/08/2004 17:07

Prep(s):	5035	Test(s):	8260B
Sample ID:	**BLD-10A**	Lab ID:	2004-06-0251 - 3
Sampled:	06/08/2004 13:20	Extracted:	6/15/2004 13:37
Matrix:	Soil	QC Batch#:	2004/06/15-01.06

Compound	Conc.	RL	Unit	Dilution	Analyzed	Flag
MTBE	ND	5.0	ug/Kg	1.00	06/15/2004 13:37	
Acetone	210	50	ug/Kg	1.00	06/15/2004 13:37	
Benzene	ND	5.0	ug/Kg	1.00	06/15/2004 13:37	
Bromodichloromethane	ND	5.0	ug/Kg	1.00	06/15/2004 13:37	
Bromobenzene	ND	5.0	ug/Kg	1.00	06/15/2004 13:37	
Bromochloromethane	ND	20	ug/Kg	1.00	06/15/2004 13:37	
Bromoform	ND	5.0	ug/Kg	1.00	06/15/2004 13:37	
Bromomethane	ND	10	ug/Kg	1.00	06/15/2004 13:37	
2-Butanone(MEK)	54	50	ug/Kg	1.00	06/15/2004 13:37	
n-Butylbenzene	ND	5.0	ug/Kg	1.00	06/15/2004 13:37	
sec-Butylbenzene	ND	5.0	ug/Kg	1.00	06/15/2004 13:37	
tert-Butylbenzene	ND	5.0	ug/Kg	1.00	06/15/2004 13:37	
Carbon disulfide	ND	5.0	ug/Kg	1.00	06/15/2004 13:37	
Carbon tetrachloride	ND	5.0	ug/Kg	1.00	06/15/2004 13:37	
Chlorobenzene	ND	5.0	ug/Kg	1.00	06/15/2004 13:37	
Chloroethane	ND	10	ug/Kg	1.00	06/15/2004 13:37	
2-Chloroethylvinyl ether	ND	50	ug/Kg	1.00	06/15/2004 13:37	
Chloroform	ND	5.0	ug/Kg	1.00	06/15/2004 13:37	
Chloromethane	ND	10	ug/Kg	1.00	06/15/2004 13:37	
2-Chlorotoluene	ND	5.0	ug/Kg	1.00	06/15/2004 13:37	
4-Chlorotoluene	ND	5.0	ug/Kg	1.00	06/15/2004 13:37	
Dibromochloromethane	ND	5.0	ug/Kg	1.00	06/15/2004 13:37	
1,2-Dichlorobenzene	ND	5.0	ug/Kg	1.00	06/15/2004 13:37	
1,3-Dichlorobenzene	ND	5.0	ug/Kg	1.00	06/15/2004 13:37	
1,4-Dichlorobenzene	ND	5.0	ug/Kg	1.00	06/15/2004 13:37	
1,3-Dichloropropane	ND	5.0	ug/Kg	1.00	06/15/2004 13:37	
2,2-Dichloropropane	ND	5.0	ug/Kg	1.00	06/15/2004 13:37	
1,1-Dichloropropene	ND	5.0	ug/Kg	1.00	06/15/2004 13:37	
1,2-Dibromo-3-chloropropane	ND	50	ug/Kg	1.00	06/15/2004 13:37	
1,2-Dibromoethane	ND	10	ug/Kg	1.00	06/15/2004 13:37	

Volatile Organic Compounds by 8260B (Low Level)

Lowney & Associates Mountain View
Attn.: Stason Foster

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Phone: (650) 967-2365 Fax: (650) 967-2785

Project: 869-4A
Milpitas Sewage

Received: 06/08/2004 17:07

Prep(s): 5035 | Test(s): 8260B
Sample ID: **BLD-10A** | Lab ID: 2004-06-0251 - 3
Sampled: 06/08/2004 13:20 | Extracted: 6/15/2004 13:37
Matrix: Soil | QC Batch#: 2004/06/15-01.06

Compound	Conc.	RL	Unit	Dilution	Analyzed	Flag
Dibromomethane	ND	10	ug/Kg	1.00	06/15/2004 13:37	
Dichlorodifluoromethane	ND	10	ug/Kg	1.00	06/15/2004 13:37	
1,1-Dichloroethane	ND	5.0	ug/Kg	1.00	06/15/2004 13:37	
1,2-Dichloroethane	ND	5.0	ug/Kg	1.00	06/15/2004 13:37	
1,1-Dichloroethene	ND	5.0	ug/Kg	1.00	06/15/2004 13:37	
cis-1,2-Dichloroethene	ND	5.0	ug/Kg	1.00	06/15/2004 13:37	
trans-1,2-Dichloroethene	ND	5.0	ug/Kg	1.00	06/15/2004 13:37	
1,2-Dichloropropane	ND	5.0	ug/Kg	1.00	06/15/2004 13:37	
cis-1,3-Dichloropropene	ND	5.0	ug/Kg	1.00	06/15/2004 13:37	
trans-1,3-Dichloropropene	ND	5.0	ug/Kg	1.00	06/15/2004 13:37	
Ethylbenzene	ND	5.0	ug/Kg	1.00	06/15/2004 13:37	
Hexachlorobutadiene	ND	5.0	ug/Kg	1.00	06/15/2004 13:37	
2-Hexanone	ND	50	ug/Kg	1.00	06/15/2004 13:37	
Isopropylbenzene	ND	5.0	ug/Kg	1.00	06/15/2004 13:37	
p-Isopropyltoluene	ND	5.0	ug/Kg	1.00	06/15/2004 13:37	
Methylene chloride	72	10	ug/Kg	1.00	06/15/2004 13:37	
4-Methyl-2-pentanone (MIBK)	ND	50	ug/Kg	1.00	06/15/2004 13:37	
Naphthalene	ND	10	ug/Kg	1.00	06/15/2004 13:37	
n-Propylbenzene	ND	5.0	ug/Kg	1.00	06/15/2004 13:37	
Styrene	ND	5.0	ug/Kg	1.00	06/15/2004 13:37	
1,1,1,2-Tetrachloroethane	ND	5.0	ug/Kg	1.00	06/15/2004 13:37	
1,1,2,2-Tetrachloroethane	ND	5.0	ug/Kg	1.00	06/15/2004 13:37	
Tetrachloroethene	ND	5.0	ug/Kg	1.00	06/15/2004 13:37	
Toluene	ND	5.0	ug/Kg	1.00	06/15/2004 13:37	
1,2,3-Trichlorobenzene	ND	5.0	ug/Kg	1.00	06/15/2004 13:37	
1,2,4-Trichlorobenzene	ND	5.0	ug/Kg	1.00	06/15/2004 13:37	
1,1,1-Trichloroethane	ND	5.0	ug/Kg	1.00	06/15/2004 13:37	
1,1,2-Trichloroethane	ND	5.0	ug/Kg	1.00	06/15/2004 13:37	
Trichloroethene	ND	5.0	ug/Kg	1.00	06/15/2004 13:37	
Trichlorofluoromethane	ND	5.0	ug/Kg	1.00	06/15/2004 13:37	

Volatile Organic Compounds by 8260B (Low Level)

Lowney & Associates Mountain View
Attn.: Stason Foster

405 Clyde Ave
Mountain View, CA 94043-2209
Phone: (650) 967-2365 Fax: (650) 967-2785

Project: 869-4A
Milpitas Sewage

Received: 06/08/2004 17:07

Prep(s): 5035 | Test(s): 8260B
Sample ID: **BLD-10A** | Lab ID: 2004-06-0251 - 3
Sampled: 06/08/2004 13:20 | Extracted: 6/15/2004 13:37
Matrix: Soil | QC Batch#: 2004/06/15-01.06

Compound	Conc.	RL	Unit	Dilution	Analyzed	Flag
Trichlorotrifluoroethane	ND	5.0	ug/Kg	1.00	06/15/2004 13:37	
1,2,4-Trimethylbenzene	ND	5.0	ug/Kg	1.00	06/15/2004 13:37	
1,3,5-Trimethylbenzene	ND	5.0	ug/Kg	1.00	06/15/2004 13:37	
Vinyl acetate	ND	50	ug/Kg	1.00	06/15/2004 13:37	
Vinyl chloride	ND	5.0	ug/Kg	1.00	06/15/2004 13:37	
Total xylenes	15	5.0	ug/Kg	1.00	06/15/2004 13:37	
Surrogate(s)						
4-Bromofluorobenzene	128.4	74-121	%	1.00	06/15/2004 13:37	sh
1,2-Dichloroethane-d4	163.0	70-121	%	1.00	06/15/2004 13:37	sh
Toluene-d8	90.6	81-117	%	1.00	06/15/2004 13:37	

Volatile Organic Compounds by 8260B (Low Level)

Lowney & Associates Mountain View
Attn.: Stason Foster

405 Clyde Ave
Mountain View, CA 94043-2209
Phone: (650) 967-2365 Fax: (650) 967-2785

Project: 869-4A
Milpitas Sewage

Received: 06/08/2004 17:07

Batch QC Report

Prep(s): 5035 — Test(s): 8260B

Method Blank — **Soil** — **QC Batch # 2004/06/15-01.06**

MB: 2004/06/15-01.06-004 — Date Extracted: 06/15/2004 12:12

Compound	Conc.	RL	Unit	Analyzed	Flag
MTBE	ND	5.0	ug/Kg	06/15/2004 12:12	
Acetone	ND	50	ug/Kg	06/15/2004 12:12	
Benzene	ND	5.0	ug/Kg	06/15/2004 12:12	
Bromodichloromethane	ND	5.0	ug/Kg	06/15/2004 12:12	
Bromobenzene	ND	5.0	ug/Kg	06/15/2004 12:12	
Bromochloromethane	ND	20	ug/Kg	06/15/2004 12:12	
Bromoform	ND	5.0	ug/Kg	06/15/2004 12:12	
Bromomethane	ND	10	ug/Kg	06/15/2004 12:12	
2-Butanone(MEK)	ND	50	ug/Kg	06/15/2004 12:12	
n-Butylbenzene	ND	5.0	ug/Kg	06/15/2004 12:12	
sec-Butylbenzene	ND	5.0	ug/Kg	06/15/2004 12:12	
tert-Butylbenzene	ND	5.0	ug/Kg	06/15/2004 12:12	
Carbon disulfide	ND	5.0	ug/Kg	06/15/2004 12:12	
Carbon tetrachloride	ND	5.0	ug/Kg	06/15/2004 12:12	
Chlorobenzene	ND	5.0	ug/Kg	06/15/2004 12:12	
Chloroethane	ND	10	ug/Kg	06/15/2004 12:12	
2-Chloroethylvinyl ether	ND	50	ug/Kg	06/15/2004 12:12	
Chloroform	ND	5.0	ug/Kg	06/15/2004 12:12	
Chloromethane	ND	10	ug/Kg	06/15/2004 12:12	
2-Chlorotoluene	ND	5.0	ug/Kg	06/15/2004 12:12	
4-Chlorotoluene	ND	5.0	ug/Kg	06/15/2004 12:12	
Dibromochloromethane	ND	5.0	ug/Kg	06/15/2004 12:12	
1,2-Dichlorobenzene	ND	5.0	ug/Kg	06/15/2004 12:12	
1,3-Dichlorobenzene	ND	5.0	ug/Kg	06/15/2004 12:12	
1,4-Dichlorobenzene	ND	5.0	ug/Kg	06/15/2004 12:12	
1,3-Dichloropropane	ND	5.0	ug/Kg	06/15/2004 12:12	
2,2-Dichloropropane	ND	5.0	ug/Kg	06/15/2004 12:12	
1,1-Dichloropropene	ND	5.0	ug/Kg	06/15/2004 12:12	
1,2-Dibromo-3-chloropropane	ND	50	ug/Kg	06/15/2004 12:12	
1,2-Dibromoethane	ND	10	ug/Kg	06/15/2004 12:12	

Volatile Organic Compounds by 8260B (Low Level)

Lowney & Associates Mountain View
Attn.: Stason Foster

405 Clyde Ave
Mountain View, CA 94043-2209
Phone: (650) 967-2365 Fax: (650) 967-2785

Project: 869-4A
Milpitas Sewage

Received: 06/08/2004 17:07

Batch QC Report

Prep(s): 5035 — Test(s): 8260B

Method Blank — **Soil** — **QC Batch # 2004/06/15-01.06**

MB: 2004/06/15-01.06-004 — Date Extracted: 06/15/2004 12:12

Compound	Conc.	RL	Unit	Analyzed	Flag
Dibromomethane	ND	10	ug/Kg	06/15/2004 12:12	
Dichlorodifluoromethane	ND	10	ug/Kg	06/15/2004 12:12	
1,1-Dichloroethane	ND	5.0	ug/Kg	06/15/2004 12:12	
1,2-Dichloroethane	ND	5.0	ug/Kg	06/15/2004 12:12	
1,1-Dichloroethene	ND	5.0	ug/Kg	06/15/2004 12:12	
cis-1,2-Dichloroethene	ND	5.0	ug/Kg	06/15/2004 12:12	
trans-1,2-Dichloroethene	ND	5.0	ug/Kg	06/15/2004 12:12	
1,2-Dichloropropane	ND	5.0	ug/Kg	06/15/2004 12:12	
cis-1,3-Dichloropropene	ND	5.0	ug/Kg	06/15/2004 12:12	
trans-1,3-Dichloropropene	ND	5.0	ug/Kg	06/15/2004 12:12	
Ethylbenzene	ND	5.0	ug/Kg	06/15/2004 12:12	
Hexachlorobutadiene	ND	5.0	ug/Kg	06/15/2004 12:12	
2-Hexanone	ND	50	ug/Kg	06/15/2004 12:12	
Isopropylbenzene	ND	5.0	ug/Kg	06/15/2004 12:12	
p-Isopropyltoluene	ND	5.0	ug/Kg	06/15/2004 12:12	
Methylene chloride	ND	10	ug/Kg	06/15/2004 12:12	
4-Methyl-2-pentanone (MIBK)	ND	50	ug/Kg	06/15/2004 12:12	
Naphthalene	ND	10	ug/Kg	06/15/2004 12:12	
n-Propylbenzene	ND	5.0	ug/Kg	06/15/2004 12:12	
Styrene	ND	5.0	ug/Kg	06/15/2004 12:12	
1,1,1,2-Tetrachloroethane	ND	5.0	ug/Kg	06/15/2004 12:12	
1,1,2,2-Tetrachloroethane	ND	5.0	ug/Kg	06/15/2004 12:12	
Tetrachloroethene	ND	5.0	ug/Kg	06/15/2004 12:12	
Toluene	ND	5.0	ug/Kg	06/15/2004 12:12	
1,2,3-Trichlorobenzene	ND	5.0	ug/Kg	06/15/2004 12:12	
1,2,4-Trichlorobenzene	ND	5.0	ug/Kg	06/15/2004 12:12	
1,1,1-Trichloroethane	ND	5.0	ug/Kg	06/15/2004 12:12	
1,1,2-Trichloroethane	ND	5.0	ug/Kg	06/15/2004 12:12	
Trichloroethene	ND	5.0	ug/Kg	06/15/2004 12:12	
Trichlorofluoromethane	ND	5.0	ug/Kg	06/15/2004 12:12	
Trichlorotrifluoroethane	ND	5.0	ug/Kg	06/15/2004 12:12	

Volatile Organic Compounds by 8260B (Low Level)

Lowney & Associates Mountain View
Attn.: Stason Foster

405 Clyde Ave
Mountain View, CA 94043-2209
Phone: (650) 967-2365 Fax: (650) 967-2785

Project: 869-4A
Milpitas Sewage

Received: 06/08/2004 17:07

Batch QC Report

Prep(s): 5035 Test(s): 8260B

Method Blank **Soil** **QC Batch # 2004/06/15-01.06**

MB: 2004/06/15-01.06-004 Date Extracted: 06/15/2004 12:12

Compound	Conc.	RL	Unit	Analyzed	Flag
1,2,4-Trimethylbenzene	ND	5.0	ug/Kg	06/15/2004 12:12	
1,3,5-Trimethylbenzene	ND	5.0	ug/Kg	06/15/2004 12:12	
Vinyl acetate	ND	50	ug/Kg	06/15/2004 12:12	
Vinyl chloride	ND	5.0	ug/Kg	06/15/2004 12:12	
Total xylenes	ND	5.0	ug/Kg	06/15/2004 12:12	
Surrogates(s)					
4-Bromofluorobenzene	100.4	74-121	%	06/15/2004 12:12	
1,2-Dichloroethane-d4	111.0	70-121	%	06/15/2004 12:12	
Toluene-d8	103.6	81-117	%	06/15/2004 12:12	

Volatile Organic Compounds by 8260B (Low Level)

Lowney & Associates Mountain View
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Phone: (650) 967-2365 Fax: (650) 967-2785

Project: 869-4A
Milpitas Sewage

Received: 06/08/2004 17:07

Batch QC Report

Prep(s): 5035 Test(s): 8260B

Laboratory Control Spike **Soil** **QC Batch # 2004/06/15-01.06**

LCS 2004/06/15-01.06-005 Extracted: 06/15/2004 Analyzed: 06/15/2004 12:47
LCSD 2004/06/15-01.06-003 Extracted: 06/15/2004 Analyzed: 06/15/2004 11:36

Compound	Conc. ug/Kg		Exp.Conc.	Recovery %		RPD	Ctrl.Limits %		Flags	
	LCS	LCSD		LCS	LCSD	%	Rec.	RPD	LCS	LCSD
Benzene	57.5	57.6	50.0	115.0	115.2	0.2	69-129	20		
Chlorobenzene	54.4	55.7	50.0	108.8	111.4	2.4	61-121	20		
1,1-Dichloroethene	52.6	50.2	50.0	105.2	100.4	4.7	65-125	20		
Toluene	50.7	50.8	50.0	101.4	101.6	0.2	70-130	20		
Trichloroethene	55.8	56.2	50.0	111.6	112.4	0.7	74-134	20		
Surrogates(s)										
4-Bromofluorobenzene	423	504	500	84.6	100.8		74-121			
1,2-Dichloroethane-d4	427	538	500	85.4	107.6		70-121			
Toluene-d8	442	509	500	88.4	101.8		81-117			

SEVERN TRENT STL

Submission #: 2004-06-0251

Volatile Organic Compounds by 8260B (Low Level)

Lowney & Associates Mountain View
Attn.: Stason Foster

405 Clyde Ave
Mountain View, CA 94043-2209
Phone: (650) 967-2365 Fax: (650) 967-2785

Project: 869-4A
Milpitas Sewage

Received: 06/08/2004 17:07

Legend and Notes

Result Flag

sh

Surrogate recovery was higher than QC limit due to matrix interference.

Fuel Oxygenates by 8260B

Lowney & Associates Mountain View
Attn.: Stason Foster

405 Clyde Ave
Mountain View, CA 94043-2209
Phone: (650) 967-2365 Fax: (650) 967-2785

Project: 869-4A
Milpitas Sewage

Received: 06/08/2004 17:07

Samples Reported

Sample Name	Date Sampled	Matrix	Lab #
BLD-10A	06/08/2004 13:20	Soil	3

SEVERN TRENT STL

Submission #: 2004-06-0251

Fuel Oxygenates by 8260B

Lowney & Associates Mountain View
Attn.: Stason Foster

405 Clyde Ave
Mountain View, CA 94043-2209
Phone: (650) 967-2365 Fax: (650) 967-2785

Project: 869-4A
Milpitas Sewage

Received: 06/08/2004 17:07

Prep(s): 5030B
Test(s): 8260B
Sample ID: **BLD-10A**
Lab ID: 2004-06-0251 - 3
Sampled: 06/08/2004 13:20
Extracted: 6/15/2004 10:06
Matrix: Soil
QC Batch#: 2004/06/15-01.69
Analysis Flag: is (See Legend and Note Section)

Compound	Conc.	RL	Unit	Dilution	Analyzed	Flag
Gasoline	ND	1000	ug/Kg	1.00	06/15/2004 10:06	
Methyl tert-butyl ether (MTBE)	ND	5.0	ug/Kg	1.00	06/15/2004 10:06	
Benzene	ND	5.0	ug/Kg	1.00	06/15/2004 10:06	
Toluene	ND	5.0	ug/Kg	1.00	06/15/2004 10:06	
Ethyl benzene	ND	5.0	ug/Kg	1.00	06/15/2004 10:06	
Total xylenes	14	5.0	ug/Kg	1.00	06/15/2004 10:06	
Surrogate(s)						
1,2-Dichloroethane-d4	137.7	72-124	%	1.00	06/15/2004 10:06	si
Toluene-d8	90.1	75-116	%	1.00	06/15/2004 10:06	

Fuel Oxygenates by 8260B

Lowney & Associates Mountain View
Attn.: Stason Foster

405 Clyde Ave
Mountain View, CA 94043-2209
Phone: (650) 967-2365 Fax: (650) 967-2785

Project: 869-4A
Milpitas Sewage

Received: 06/08/2004 17:07

Batch QC Report

Prep(s): 5030B — Test(s): 8260B

Method Blank — **Soil** — **QC Batch # 2004/06/15-01.69**

MB: 2004/06/15-01.69-033 — Date Extracted: 06/15/2004 08:33

Compound	Conc.	RL	Unit	Analyzed	Flag
Gasoline	ND	1000	ug/Kg	06/15/2004 08:33	
Methyl tert-butyl ether (MTBE)	ND	5.0	ug/Kg	06/15/2004 08:33	
Benzene	ND	5.0	ug/Kg	06/15/2004 08:33	
Toluene	ND	5.0	ug/Kg	06/15/2004 08:33	
Ethyl benzene	ND	5.0	ug/Kg	06/15/2004 08:33	
Total xylenes	ND	5.0	ug/Kg	06/15/2004 08:33	
Surrogates(s)					
1,2-Dichloroethane-d4	110.2	72-124	%	06/15/2004 08:33	
Toluene-d8	100.1	75-116	%	06/15/2004 08:33	

SEVERN TRENT STL

Submission #: 2004-06-0251

Fuel Oxygenates by 8260B

Lowney & Associates Mountain View
Attn.: Stason Foster

405 Clyde Ave
Mountain View, CA 94043-2209
Phone: (650) 967-2365 Fax: (650) 967-2785

Project: 869-4A
Milpitas Sewage

Received: 06/08/2004 17:07

Batch QC Report

Prep(s): 5030B — Test(s): 8260B

Laboratory Control Spike — **Soil** — **QC Batch # 2004/06/15-01.69**

LCS 2004/06/15-01.69-014 — Extracted: 06/15/2004 — Analyzed: 06/15/2004 08:14

LCSD 2004/06/15-01.69-023 — Extracted: 06/15/2004 — Analyzed: 06/15/2004 07:23

Compound	Conc. ug/Kg		Exp.Conc.	Recovery %		RPD	Ctrl.Limits %		Flags	
	LCS	LCSD		LCS	LCSD	%	Rec.	RPD	LCS	LCSD
Methyl tert-butyl ether (MTBE)	49.0	52.1	50.0	98.0	104.2	6.1	65-165	20		
Benzene	61.9	63.7	50.0	123.8	127.4	6.3	69-129	20		
Toluene	60.5	61.0	50.0	121.0	122.0	1.8	70-130	20		
Surrogates(s)										
1,2-Dichloroethane-d4	498	471	500	99.6	94.2		72-124			
Toluene-d8	571	538	500	114.2	107.6		75-116			

SEVERN TRENT STL

Submission #: 2004-06-0251

Fuel Oxygenates by 8260B

Lowney & Associates Mountain View
Attn.: Stason Foster

405 Clyde Ave
Mountain View, CA 94043-2209
Phone: (650) 967-2365 Fax: (650) 967-2785

Project: 869-4A
Milpitas Sewage

Received: 06/08/2004 17:07

Legend and Notes

Analysis Flag

is

Internal standard out of range due to matrix interference.

Result Flag

si

Surrogate recoveries and internal standard were outside QC limits due to matrix interference. Results biased high.

LOWNEY ASSOCIATES
Environmental/Geotechnical/Engineering Services

FAX

To: Afsaneh		From: Gwen E.	
Firm: STL	Fax: (925) 484- ~~1919~~	Date: 6/14/04	Pages: 2
Cc:	Fax: 1096	Project: #869-4A Milpitas Sewage	
Cc:	Fax:	Project #	

☐ Urgent ☒ For review ☐ Reply ASAP ☐ Please comment

Please call the indicated office below if you received this fax in error.

Afsaneh -

Could you please analyze ~~10A~~ BLD-10A soil for 8260 gas, BTEX, MtBE. Thank you

Gwen

COC revised is attached

☒ **MOUNTAIN VIEW**
405 Clyde Avenue
CA 94043
T: 650.967.2365
F: 650.967.2785

☐ **FAIRFIELD**
2850 Cordella Road
Suite 140
CA 94534
T: 707.423.2523
F: 707.428.1725

☐ **OAKLAND**
167 Filbert Street
CA 94607
T: 510.267.1970
F: 510.267.1972

☐ **SAN RAMON**
2258 Camino Ramon
CA 94583
T: 925.275.2550
F: 925.275.2555

☐ **FULLERTON**
251 E. Imperial Hwy
Suite 470
CA 92835
T: 714.441.3090
F: 714.441.3091

SEVERN TRENT STL

Submission#: 2004-05-0971

Lowney & Associates Mountain View

June 10, 2004

405 Clyde Ave
Mountain View, CA 94043-2209
Attn.: Stason Foster

Project#: 869-4A
Project: Milpitas Sewage

Dear Mr. Foster,

Attached is our report for your samples received on 05/27/2004 17:53
This report has been reviewed and approved for release. Reproduction of this report is permitted only in its entirety.

Please note that any unused portion of the samples will be discarded after 07/11/2004 unless you have requested otherwise.
We appreciate the opportunity to be of service to you. If you have any questions, please call me at (925) 484-1919.
You can also contact me via email. My email address is: asalimpour@stl-inc.com

Sincerely,

Afsaneh Salimpour
Project Manager

SEVERN TRENT STL

Submission #: 2004-05-0971

Gasoline

Lowney & Associates Mountain View
Attn.: Stason Foster

405 Clyde Ave
Mountain View, CA 94043-2209
Phone: (650) 967-2365 Fax: (650) 967-2785

Project: 869-4A
Milpitas Sewage

Received: 05/27/2004 17:53

Samples Reported

Sample Name	Date Sampled	Matrix	Lab #
B-4 15`	05/27/2004	Water	4
B-5 15`	05/27/2004	Water	6

Gasoline

Lowney & Associates Mountain View
Attn.: Stason Foster

405 Clyde Ave
Mountain View, CA 94043-2209
Phone: (650) 967-2365 Fax: (650) 967-2785

Project: 869-4A
Milpitas Sewage

Received: 05/27/2004 17:53

Prep(s): 5030
Sample ID: **B-4 15`**
Sampled: 05/27/2004
Matrix: Water
pH: 7

Test(s): 8015M
Lab ID: 2004-05-0971 - 4
Extracted: 6/1/2004 12:38
QC Batch#: 2004/06/01-01.05

Compound	Conc.	RL	Unit	Dilution	Analyzed	Flag
Gasoline	ND	50	ug/L	1.00	06/01/2004 12:38	
Surrogate(s)						
4-Bromofluorobenzene-FID	101.8	50-150	%	1.00	06/01/2004 12:38	

Gasoline

Lowney & Associates Mountain View
Attn.: Stason Foster

405 Clyde Ave
Mountain View, CA 94043-2209
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Project: 869-4A
Milpitas Sewage

Received: 05/27/2004 17:53

Prep(s): 5030
Sample ID: **B-5 15`**
Sampled: 05/27/2004
Matrix: Water

Test(s): 8015M
Lab ID: 2004-05-0971 - 6
Extracted: 6/1/2004 12:03
QC Batch#: 2004/06/01-01.05

Compound	Conc.	RL	Unit	Dilution	Analyzed	Flag
Gasoline	ND	50	ug/L	1.00	06/01/2004 12:03	
Surrogate(s)						
4-Bromofluorobenzene-FID	98.5	50-150	%	1.00	06/01/2004 12:03	

Gasoline

Lowney & Associates Mountain View
Attn.: Stason Foster

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Phone: (650) 967-2365 Fax: (650) 967-2785

Project: 869-4A
Milpitas Sewage

Received: 05/27/2004 17:53

Batch QC Report

Prep(s): 5030 — Test(s): 8015M

Method Blank — **Water** — **QC Batch # 2004/06/01-01.05**

MB: 2004/06/01-01.05-003 — Date Extracted: 06/01/2004 07:10

Compound	Conc.	RL	Unit	Analyzed	Flag
Gasoline	ND	50	ug/L	06/01/2004 07:10	
Surrogates(s)					
4-Bromofluorobenzene-FID	107.2	50-150	%	06/01/2004 07:10	

SEVERN TRENT STL

Submission #: 2004-05-0971

Gasoline

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Project: 869-4A
Milpitas Sewage

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Batch QC Report

Prep(s): 5030 — Test(s): 8015M

Laboratory Control Spike — **Water** — **QC Batch # 2004/06/01-01.05**

LCS 2004/06/01-01.05-006 — Extracted: 06/01/2004 — Analyzed: 06/01/2004 08:56

LCSD 2004/06/01-01.05-007 — Extracted: 06/01/2004 — Analyzed: 06/01/2004 09:31

Compound	Conc. ug/L		Exp.Conc.	Recovery %		RPD	Ctrl.Limits %		Flags	
	LCS	LCSD		LCS	LCSD	%	Rec.	RPD	LCS	LCSD
Gasoline	227	230	250	90.8	92.0	1.3	75-125	20		
Surrogates(s)										
4-Bromofluorobenzene-FID	479	507	500	95.8	101.4		50-150			

SEVERN TRENT STL

Submission #: 2004-05-0971

CAM 17 Metals

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Project: 869-4A
Milpitas Sewage

Received: 05/27/2004 17:53

Samples Reported

Sample Name	Date Sampled	Matrix	Lab #
B-4 13-13.5`	05/27/2004	Soil	1
B-5 13-13.5`	05/27/2004	Soil	2
B-6 13-13.5`	05/27/2004	Soil	3

SEVERN TRENT STL

Submission #: 2004-05-0971

CAM 17 Metals

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Project: 869-4A
Milpitas Sewage

Received: 05/27/2004 17:53

Prep(s):	3050B 7471A	Test(s):	6010B 7471A
Sample ID:	**B-4 13-13.5`**	Lab ID:	2004-05-0971 - 1
Sampled:	05/27/2004	Extracted:	5/28/2004 17:37 5/28/2004 17:39
Matrix:	Soil	QC Batch#:	2004/05/28-07.16 2004/05/28-09.15

Compound	Conc.	RL	Unit	Dilution	Analyzed	Flag
Antimony	ND	2.0	mg/Kg	1.00	06/01/2004 19:41	
Arsenic	5.5	1.0	mg/Kg	1.00	06/01/2004 19:41	
Barium	78	1.0	mg/Kg	1.00	06/01/2004 19:41	
Beryllium	ND	0.50	mg/Kg	1.00	06/01/2004 19:41	
Cadmium	ND	0.50	mg/Kg	1.00	06/01/2004 19:41	
Chromium	38	1.0	mg/Kg	1.00	06/01/2004 19:41	
Cobalt	9.5	1.0	mg/Kg	1.00	06/01/2004 19:41	
Copper	27	1.0	mg/Kg	1.00	06/01/2004 19:41	
Lead	5.3	1.0	mg/Kg	1.00	06/01/2004 19:41	
Molybdenum	ND	1.0	mg/Kg	1.00	06/01/2004 19:41	
Nickel	56	1.0	mg/Kg	1.00	06/01/2004 19:41	
Selenium	ND	2.0	mg/Kg	1.00	06/01/2004 19:41	
Silver	ND	1.0	mg/Kg	1.00	06/01/2004 19:41	
Thallium	ND	1.0	mg/Kg	1.00	06/01/2004 19:41	
Vanadium	27	1.0	mg/Kg	1.00	06/01/2004 19:41	
Zinc	44	2.0	mg/Kg	1.00	06/01/2004 19:41	
Mercury	0.054	0.050	mg/Kg	1.00	06/01/2004 13:37	

SEVERN TRENT STL

Submission #: 2004-05-0971

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Prep(s):	3050B 7471A	Test(s):	6010B 7471A
Sample ID:	**B-5 13-13.5`**	Lab ID:	2004-05-0971 - 2
Sampled:	05/27/2004	Extracted:	5/28/2004 17:37 5/28/2004 17:39
Matrix:	Soil	QC Batch#:	2004/05/28-07.16 2004/05/28-09.15

Compound	Conc.	RL	Unit	Dilution	Analyzed	Flag
Antimony	ND	2.0	mg/Kg	1.00	06/01/2004 19:51	
Arsenic	3.6	1.0	mg/Kg	1.00	06/01/2004 19:51	
Barium	110	1.0	mg/Kg	1.00	06/01/2004 19:51	
Beryllium	ND	0.50	mg/Kg	1.00	06/01/2004 19:51	
Cadmium	ND	0.50	mg/Kg	1.00	06/01/2004 19:51	
Chromium	37	1.0	mg/Kg	1.00	06/01/2004 19:51	
Cobalt	8.5	1.0	mg/Kg	1.00	06/01/2004 19:51	
Copper	19	1.0	mg/Kg	1.00	06/01/2004 19:51	
Lead	5.3	1.0	mg/Kg	1.00	06/01/2004 19:51	
Molybdenum	ND	1.0	mg/Kg	1.00	06/01/2004 19:51	
Nickel	51	1.0	mg/Kg	1.00	06/01/2004 19:51	
Selenium	ND	2.0	mg/Kg	1.00	06/01/2004 19:51	
Silver	ND	1.0	mg/Kg	1.00	06/01/2004 19:51	
Thallium	ND	1.0	mg/Kg	1.00	06/01/2004 19:51	
Vanadium	24	1.0	mg/Kg	1.00	06/01/2004 19:51	
Zinc	35	2.0	mg/Kg	1.00	06/01/2004 19:51	
Mercury	ND	0.050	mg/Kg	1.00	06/01/2004 13:41	

SEVERN TRENT STL

Submission #: 2004-05-0971

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Project: 869-4A
Milpitas Sewage

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Prep(s):	3050B 7471A	Test(s):	6010B 7471A
Sample ID:	**B-6 13-13.5`**	Lab ID:	2004-05-0971 - 3
Sampled:	05/27/2004	Extracted:	5/28/2004 17:37 5/28/2004 17:39
Matrix:	Soil	QC Batch#:	2004/05/28-07.16 2004/05/28-09.15

Compound	Conc.	RL	Unit	Dilution	Analyzed	Flag
Antimony	ND	2.0	mg/Kg	1.00	06/01/2004 19:55	
Arsenic	14	1.0	mg/Kg	1.00	06/01/2004 19:55	
Barium	52	1.0	mg/Kg	1.00	06/01/2004 19:55	
Beryllium	ND	0.50	mg/Kg	1.00	06/01/2004 19:55	
Cadmium	ND	0.50	mg/Kg	1.00	06/01/2004 19:55	
Chromium	34	1.0	mg/Kg	1.00	06/01/2004 19:55	
Cobalt	15	1.0	mg/Kg	1.00	06/01/2004 19:55	
Copper	31	1.0	mg/Kg	1.00	06/01/2004 19:55	
Lead	5.1	1.0	mg/Kg	1.00	06/01/2004 19:55	
Molybdenum	6.6	1.0	mg/Kg	1.00	06/01/2004 19:55	
Nickel	56	1.0	mg/Kg	1.00	06/01/2004 19:55	
Selenium	ND	2.0	mg/Kg	1.00	06/01/2004 19:55	
Silver	ND	1.0	mg/Kg	1.00	06/01/2004 19:55	
Thallium	ND	1.0	mg/Kg	1.00	06/01/2004 19:55	
Vanadium	31	1.0	mg/Kg	1.00	06/01/2004 19:55	
Zinc	42	2.0	mg/Kg	1.00	06/01/2004 19:55	
Mercury	0.063	0.050	mg/Kg	1.00	06/01/2004 13:42	

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Project: 869-4A
Milpitas Sewage

Received: 05/27/2004 17:53

Batch QC Report

Prep(s): 7471A
Method Blank
MB: 2004/05/28-07.16-164

Soil

Test(s): 7471A
QC Batch # 2004/05/28-07.16
Date Extracted: 05/28/2004 17:37

Compound	Conc.	RL	Unit	Analyzed	Flag
Mercury	ND	0.050	mg/Kg	06/01/2004 13:33	

CAM 17 Metals

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Project: 869-4A
Milpitas Sewage

Received: 05/27/2004 17:53

Batch QC Report

Prep(s): 3050B
Method Blank
MB: 2004/05/28-09.15-005

Soil

Test(s): 6010B
QC Batch # 2004/05/28-09.15
Date Extracted: 05/28/2004 17:39

Compound	Conc.	RL	Unit	Analyzed	Flag
Antimony	ND	2.0	mg/Kg	06/01/2004 19:29	
Arsenic	ND	1.0	mg/Kg	06/01/2004 19:29	
Barium	ND	1.0	mg/Kg	06/01/2004 19:29	
Beryllium	ND	0.50	mg/Kg	06/01/2004 19:29	
Cadmium	ND	0.50	mg/Kg	06/01/2004 19:29	
Chromium	ND	1.0	mg/Kg	06/01/2004 19:29	
Cobalt	ND	1.0	mg/Kg	06/01/2004 19:29	
Copper	ND	1.0	mg/Kg	06/01/2004 19:29	
Lead	ND	1.0	mg/Kg	06/01/2004 19:29	
Molybdenum	ND	1.0	mg/Kg	06/01/2004 19:29	
Nickel	ND	1.0	mg/Kg	06/01/2004 19:29	
Selenium	ND	2.0	mg/Kg	06/01/2004 19:29	
Silver	ND	1.0	mg/Kg	06/01/2004 19:29	
Thallium	ND	1.0	mg/Kg	06/01/2004 19:29	
Vanadium	ND	1.0	mg/Kg	06/01/2004 19:29	
Zinc	ND	2.0	mg/Kg	06/01/2004 19:29	

CAM 17 Metals

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Project: 869-4A
Milpitas Sewage

Received: 05/27/2004 17:53

Batch QC Report

Prep(s): 7471A

Test(s): 7471A

Laboratory Control Spike **Soil** **QC Batch # 2004/05/28-07.16**

LCS 2004/05/28-07.16-165 Extracted: 05/28/2004 Analyzed: 06/01/2004 13:35
LCSD 2004/05/28-07.16-166 Extracted: 05/28/2004 Analyzed: 06/01/2004 13:36

Compound	Conc. mg/Kg		Exp.Conc.	Recovery %		RPD	Ctrl.Limits %		Flags	
	LCS	LCSD		LCS	LCSD	%	Rec.	RPD	LCS	LCSD
Mercury	0.472	0.472	0.500	94.4	94.4	0.0	85-115	20		

CAM 17 Metals

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Project: 869-4A
Milpitas Sewage

Received: 05/27/2004 17:53

Batch QC Report

Prep(s): 3050B

Test(s): 6010B

Laboratory Control Spike **Soil** **QC Batch # 2004/05/28-09.15**

LCS 2004/05/28-09.15-006 Extracted: 05/28/2004 Analyzed: 06/01/2004 19:34
LCSD 2004/05/28-09.15-007 Extracted: 05/28/2004 Analyzed: 06/01/2004 19:37

Compound	Conc. mg/Kg		Exp.Conc.	Recovery %		RPD	Ctrl.Limits %		Flags	
	LCS	LCSD		LCS	LCSD	%	Rec.	RPD	LCS	LCSD
Antimony	91.4	91.2	100.0	91.4	91.2	0.2	80-120	20		
Arsenic	93.4	92.3	100.0	93.4	92.3	1.2	80-120	20		
Barium	95.0	94.5	100.0	95.0	94.5	0.5	80-120	20		
Beryllium	95.5	94.5	100.0	95.5	94.5	1.1	80-120	20		
Cadmium	92.0	91.0	100.0	92.0	91.0	1.1	80-120	20		
Chromium	94.8	93.9	100.0	94.8	93.9	1.0	80-120	20		
Cobalt	94.7	93.9	100.0	94.7	93.9	0.8	80-120	20		
Copper	98.1	97.7	100.0	98.1	97.7	0.4	80-120	20		
Lead	91.8	90.6	100.0	91.8	90.6	1.3	80-120	20		
Molybdenum	95.8	95.3	100.0	95.8	95.3	0.5	80-120	20		
Nickel	92.7	91.8	100.0	92.7	91.8	1.0	80-120	20		
Selenium	82.5	81.7	100.0	82.5	81.7	1.0	80-120	20		
Silver	92.6	91.9	100.0	92.6	91.9	0.8	80-120	20		
Thallium	90.6	90.8	100.0	90.6	90.8	0.2	80-120	20		
Vanadium	97.1	96.1	100.0	97.1	96.1	1.0	80-120	20		
Zinc	91.8	90.3	100.0	91.8	90.3	1.6	80-120	20		

Fuel Oxygenates by 8260B

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Project: 869-4A
Milpitas Sewage

Received: 05/27/2004 17:53

Samples Reported

Sample Name	Date Sampled	Matrix	Lab #
B-4 13-13.5`	05/27/2004	Soil	1
B-5 13-13.5`	05/27/2004	Soil	2
B-6 13-13.5`	05/27/2004	Soil	3

SEVERN TRENT STL

Submission #: 2004-05-0971

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Project: 869-4A
Milpitas Sewage

Received: 05/27/2004 17:53

Prep(s):	5030B	Test(s):	8260B
Sample ID:	**B-4 13-13.5`**	Lab ID:	2004-05-0971 - 1
Sampled:	05/27/2004	Extracted:	6/2/2004 14:33
Matrix:	Soil	QC Batch#:	2004/06/02-01.62

Compound	Conc.	RL	Unit	Dilution	Analyzed	Flag
Gasoline	ND	1000	ug/Kg	1.00	06/02/2004 14:33	
Methyl tert-butyl ether (MTBE)	ND	5.0	ug/Kg	1.00	06/02/2004 14:33	
Benzene	ND	5.0	ug/Kg	1.00	06/02/2004 14:33	
Toluene	ND	5.0	ug/Kg	1.00	06/02/2004 14:33	
Ethyl benzene	ND	5.0	ug/Kg	1.00	06/02/2004 14:33	
Total xylenes	ND	5.0	ug/Kg	1.00	06/02/2004 14:33	
Surrogate(s)						
1,2-Dichloroethane-d4	90.5	72-124	%	1.00	06/02/2004 14:33	
Toluene-d8	99.5	75-116	%	1.00	06/02/2004 14:33	

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Project: 869-4A
Milpitas Sewage

Received: 05/27/2004 17:53

Prep(s):	5030B	Test(s):	8260B
Sample ID:	**B-5 13-13.5`**	Lab ID:	2004-05-0971 - 2
Sampled:	05/27/2004	Extracted:	6/3/2004 08:38
Matrix:	Soil	QC Batch#:	2004/06/03-01.62

Compound	Conc.	RL	Unit	Dilution	Analyzed	Flag
Gasoline	ND	1000	ug/Kg	1.00	06/03/2004 08:38	
Methyl tert-butyl ether (MTBE)	ND	5.0	ug/Kg	1.00	06/03/2004 08:38	
Benzene	ND	5.0	ug/Kg	1.00	06/03/2004 08:38	
Toluene	ND	5.0	ug/Kg	1.00	06/03/2004 08:38	
Ethyl benzene	ND	5.0	ug/Kg	1.00	06/03/2004 08:38	
Total xylenes	ND	5.0	ug/Kg	1.00	06/03/2004 08:38	
Surrogate(s)						
1,2-Dichloroethane-d4	106.1	72-124	%	1.00	06/03/2004 08:38	
Toluene-d8	105.7	75-116	%	1.00	06/03/2004 08:38	

Fuel Oxygenates by 8260B

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Project: 869-4A
Milpitas Sewage

Received: 05/27/2004 17:53

Prep(s):	5030B	Test(s):	8260B
Sample ID:	**B-6 13-13.5`**	Lab ID:	2004-05-0971 - 3
Sampled:	05/27/2004	Extracted:	6/2/2004 15:17
Matrix:	Soil	QC Batch#:	2004/06/02-01.62

Compound	Conc.	RL	Unit	Dilution	Analyzed	Flag
Gasoline	ND	1000	ug/Kg	1.00	06/02/2004 15:17	
Methyl tert-butyl ether (MTBE)	ND	5.0	ug/Kg	1.00	06/02/2004 15:17	
Benzene	ND	5.0	ug/Kg	1.00	06/02/2004 15:17	
Toluene	ND	5.0	ug/Kg	1.00	06/02/2004 15:17	
Ethyl benzene	ND	5.0	ug/Kg	1.00	06/02/2004 15:17	
Total xylenes	ND	5.0	ug/Kg	1.00	06/02/2004 15:17	
Surrogate(s)						
1,2-Dichloroethane-d4	105.0	72-124	%	1.00	06/02/2004 15:17	
Toluene-d8	97.1	75-116	%	1.00	06/02/2004 15:17	

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Project: 869-4A
Milpitas Sewage

Received: 05/27/2004 17:53

Batch QC Report

Prep(s): 5030B
Method Blank **Soil**
MB: 2004/06/02-01.62-021

Test(s): 8260B
QC Batch # 2004/06/02-01.62
Date Extracted: 06/02/2004 07:21

Compound	Conc.	RL	Unit	Analyzed	Flag
Gasoline	ND	1000	ug/Kg	06/02/2004 07:21	
Methyl tert-butyl ether (MTBE)	ND	5.0	ug/Kg	06/02/2004 07:21	
Benzene	ND	5.0	ug/Kg	06/02/2004 07:21	
Toluene	ND	5.0	ug/Kg	06/02/2004 07:21	
Ethyl benzene	ND	5.0	ug/Kg	06/02/2004 07:21	
Total xylenes	ND	5.0	ug/Kg	06/02/2004 07:21	
Surrogates(s)					
1,2-Dichloroethane-d4	102.0	72-124	%	06/02/2004 07:21	
Toluene-d8	105.5	75-116	%	06/02/2004 07:21	

Fuel Oxygenates by 8260B

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Project: 869-4A
Milpitas Sewage

Received: 05/27/2004 17:53

Batch QC Report

Prep(s): 5030B
Method Blank **Soil**
MB: 2004/06/03-01.62-041

Test(s): 8260B
QC Batch # 2004/06/03-01.62
Date Extracted: 06/03/2004 07:41

Compound	Conc.	RL	Unit	Analyzed	Flag
Gasoline	ND	1000	ug/Kg	06/03/2004 07:41	
Methyl tert-butyl ether (MTBE)	ND	5.0	ug/Kg	06/03/2004 07:41	
Benzene	ND	5.0	ug/Kg	06/03/2004 07:41	
Toluene	ND	5.0	ug/Kg	06/03/2004 07:41	
Ethyl benzene	ND	5.0	ug/Kg	06/03/2004 07:41	
Total xylenes	ND	5.0	ug/Kg	06/03/2004 07:41	
Surrogates(s)					
1,2-Dichloroethane-d4	105.0	72-124	%	06/03/2004 07:41	
Toluene-d8	102.8	75-116	%	06/03/2004 07:41	

Fuel Oxygenates by 8260B

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Project: 869-4A
Milpitas Sewage

Received: 05/27/2004 17:53

Batch QC Report

Prep(s): 5030B

Test(s): 8260B

Laboratory Control Spike **Soil** **QC Batch # 2004/06/02-01.62**

LCS 2004/06/02-01.62-037 Extracted: 06/02/2004 Analyzed: 06/02/2004 06:37
LCSD 2004/06/02-01.62-059 Extracted: 06/02/2004 Analyzed: 06/02/2004 06:59

Compound	Conc. ug/Kg		Exp.Conc.	Recovery %		RPD	Ctrl.Limits %		Flags	
	LCS	LCSD		LCS	LCSD	%	Rec.	RPD	LCS	LCSD
Methyl tert-butyl ether (MTBE)	43.2	44.7	50.0	86.4	89.4	3.4	65-165	20		
Benzene	44.0	46.2	50.0	88.0	92.4	4.9	69-129	20		
Toluene	48.7	51.0	50.0	97.4	102.0	4.6	70-130	20		
Surrogates(s)										
1,2-Dichloroethane-d4	498	497	500	99.6	99.4		72-124			
Toluene-d8	509	541	500	101.8	108.2		75-116			

Fuel Oxygenates by 8260B

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Project: 869-4A
Milpitas Sewage

Received: 05/27/2004 17:53

Batch QC Report

Prep(s): 5030B

Test(s): 8260B

Laboratory Control Spike **Soil** **QC Batch # 2004/06/03-01.62**

LCS 2004/06/03-01.62-057 Extracted: 06/03/2004 Analyzed: 06/03/2004 06:57
LCSD 2004/06/03-01.62-019 Extracted: 06/03/2004 Analyzed: 06/03/2004 07:19

Compound	Conc. ug/Kg		Exp.Conc.	Recovery %		RPD	Ctrl.Limits %		Flags	
	LCS	LCSD		LCS	LCSD	%	Rec.	RPD	LCS	LCSD
Methyl tert-butyl ether (MTBE)	52.1	47.3	50.0	104.2	94.6	9.7	65-165	20		
Benzene	51.9	53.3	50.0	103.8	106.6	2.7	69-129	20		
Toluene	53.0	52.2	50.0	106.0	104.4	1.5	70-130	20		
Surrogates(s)										
1,2-Dichloroethane-d4	487	463	500	97.4	92.6		72-124			
Toluene-d8	515	515	500	103.0	103.0		75-116			

SEVERN TRENT STL

Submission #: 2004-05-0971

Organochlorine Pesticides Analysis

Lowney & Associates Mountain View
Attn.: Stason Foster

405 Clyde Ave
Mountain View, CA 94043-2209
Phone: (650) 967-2365 Fax: (650) 967-2785

Project: 869-4A
Milpitas Sewage

Received: 05/27/2004 17:53

Samples Reported

Sample Name	Date Sampled	Matrix	Lab #
B-4 13-13.5`	05/27/2004	Soil	1
B-5 13-13.5`	05/27/2004	Soil	2
B-6 13-13.5`	05/27/2004	Soil	3

SEVERN TRENT STL

Submission #: 2004-05-0971

Organochlorine Pesticides Analysis

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Project: 869-4A
Milpitas Sewage

Received: 05/27/2004 17:53

Prep(s): 3550/8081 | Test(s): 8081
Sample ID: **B-4 13-13.5`** | Lab ID: 2004-05-0971 - 1
Sampled: 05/27/2004 | Extracted: 6/1/2004 10:22
Matrix: Soil | QC Batch#: 2004/06/01-02.13

Compound	Conc.	RL	Unit	Dilution	Analyzed	Flag
Aldrin	ND	2.0	ug/Kg	1.00	06/01/2004 18:07	
Dieldrin	ND	2.0	ug/Kg	1.00	06/01/2004 18:07	
Endrin aldehyde	ND	2.0	ug/Kg	1.00	06/01/2004 18:07	
Endrin	ND	2.0	ug/Kg	1.00	06/01/2004 18:07	
Endrin ketone	ND	2.0	ug/Kg	1.00	06/01/2004 18:07	
Heptachlor	ND	2.0	ug/Kg	1.00	06/01/2004 18:07	
Heptachlor epoxide	ND	2.0	ug/Kg	1.00	06/01/2004 18:07	
4,4`-DDT	ND	2.0	ug/Kg	1.00	06/01/2004 18:07	
4,4`-DDE	ND	2.0	ug/Kg	1.00	06/01/2004 18:07	
4,4`-DDD	ND	2.0	ug/Kg	1.00	06/01/2004 18:07	
Endosulfan I	ND	2.0	ug/Kg	1.00	06/01/2004 18:07	
Endosulfan II	ND	2.0	ug/Kg	1.00	06/01/2004 18:07	
alpha-BHC	ND	2.0	ug/Kg	1.00	06/01/2004 18:07	
beta-BHC	ND	2.0	ug/Kg	1.00	06/01/2004 18:07	
gamma-BHC (Lindane)	ND	2.0	ug/Kg	1.00	06/01/2004 18:07	
delta-BHC	ND	2.0	ug/Kg	1.00	06/01/2004 18:07	
Endosulfan sulfate	ND	2.0	ug/Kg	1.00	06/01/2004 18:07	
4,4`-Methoxychlor	ND	2.0	ug/Kg	1.00	06/01/2004 18:07	
Toxaphene	ND	100	ug/Kg	1.00	06/01/2004 18:07	
Chlordane (Technical)	ND	50	ug/Kg	1.00	06/01/2004 18:07	
alpha-Chlordane	ND	2.0	ug/Kg	1.00	06/01/2004 18:07	
gamma-Chlordane	ND	2.0	ug/Kg	1.00	06/01/2004 18:07	
Surrogate(s)						
2,4,5,6-Tetrachloro-m-xylene	95.3	50-125	%	1.00	06/01/2004 18:07	
Decachlorobiphenyl (Pest/8081)	100.6	46-142	%	1.00	06/01/2004 18:07	

SEVERN TRENT STL

Submission #: 2004-05-0971

Organochlorine Pesticides Analysis

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Project: 869-4A
Milpitas Sewage

Received: 05/27/2004 17:53

Prep(s): 3550/8081
Sample ID: **B-5 13-13.5`**
Sampled: 05/27/2004
Matrix: Soil

Test(s): 8081
Lab ID: 2004-05-0971 - 2
Extracted: 6/1/2004 10:22
QC Batch#: 2004/06/01-02.13

Compound	Conc.	RL	Unit	Dilution	Analyzed	Flag
Aldrin	ND	2.0	ug/Kg	1.00	06/01/2004 18:32	
Dieldrin	ND	2.0	ug/Kg	1.00	06/01/2004 18:32	
Endrin aldehyde	ND	2.0	ug/Kg	1.00	06/01/2004 18:32	
Endrin	ND	2.0	ug/Kg	1.00	06/01/2004 18:32	
Endrin ketone	ND	2.0	ug/Kg	1.00	06/01/2004 18:32	
Heptachlor	ND	2.0	ug/Kg	1.00	06/01/2004 18:32	
Heptachlor epoxide	ND	2.0	ug/Kg	1.00	06/01/2004 18:32	
4,4`-DDT	ND	2.0	ug/Kg	1.00	06/01/2004 18:32	
4,4`-DDE	ND	2.0	ug/Kg	1.00	06/01/2004 18:32	
4,4`-DDD	ND	2.0	ug/Kg	1.00	06/01/2004 18:32	
Endosulfan I	ND	2.0	ug/Kg	1.00	06/01/2004 18:32	
Endosulfan II	ND	2.0	ug/Kg	1.00	06/01/2004 18:32	
alpha-BHC	ND	2.0	ug/Kg	1.00	06/01/2004 18:32	
beta-BHC	ND	2.0	ug/Kg	1.00	06/01/2004 18:32	
gamma-BHC (Lindane)	ND	2.0	ug/Kg	1.00	06/01/2004 18:32	
delta-BHC	ND	2.0	ug/Kg	1.00	06/01/2004 18:32	
Endosulfan sulfate	ND	2.0	ug/Kg	1.00	06/01/2004 18:32	
4,4`-Methoxychlor	ND	2.0	ug/Kg	1.00	06/01/2004 18:32	
Toxaphene	ND	100	ug/Kg	1.00	06/01/2004 18:32	
Chlordane (Technical)	ND	50	ug/Kg	1.00	06/01/2004 18:32	
alpha-Chlordane	ND	2.0	ug/Kg	1.00	06/01/2004 18:32	
gamma-Chlordane	ND	2.0	ug/Kg	1.00	06/01/2004 18:32	
Surrogate(s)						
2,4,5,6-Tetrachloro-m-xylene	95.7	50-125	%	1.00	06/01/2004 18:32	
Decachlorobiphenyl (Pest/8081)	95.8	46-142	%	1.00	06/01/2004 18:32	

SEVERN TRENT STL

Submission #: 2004-05-0971

Organochlorine Pesticides Analysis

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Project: 869-4A
Milpitas Sewage

Received: 05/27/2004 17:53

Prep(s): 3550/8081
Sample ID: **B-6 13-13.5`**
Sampled: 05/27/2004
Matrix: Soil

Test(s): 8081
Lab ID: 2004-05-0971 - 3
Extracted: 6/1/2004 10:22
QC Batch#: 2004/06/01-02.13

Compound	Conc.	RL	Unit	Dilution	Analyzed	Flag
Aldrin	ND	2.0	ug/Kg	1.00	06/01/2004 18:56	
Dieldrin	ND	2.0	ug/Kg	1.00	06/01/2004 18:56	
Endrin aldehyde	ND	2.0	ug/Kg	1.00	06/01/2004 18:56	
Endrin	ND	2.0	ug/Kg	1.00	06/01/2004 18:56	
Endrin ketone	ND	2.0	ug/Kg	1.00	06/01/2004 18:56	
Heptachlor	ND	2.0	ug/Kg	1.00	06/01/2004 18:56	
Heptachlor epoxide	ND	2.0	ug/Kg	1.00	06/01/2004 18:56	
4,4`-DDT	ND	2.0	ug/Kg	1.00	06/01/2004 18:56	
4,4`-DDE	ND	2.0	ug/Kg	1.00	06/01/2004 18:56	
4,4`-DDD	ND	2.0	ug/Kg	1.00	06/01/2004 18:56	
Endosulfan I	ND	2.0	ug/Kg	1.00	06/01/2004 18:56	
Endosulfan II	ND	2.0	ug/Kg	1.00	06/01/2004 18:56	
alpha-BHC	ND	2.0	ug/Kg	1.00	06/01/2004 18:56	
beta-BHC	ND	2.0	ug/Kg	1.00	06/01/2004 18:56	
gamma-BHC (Lindane)	ND	2.0	ug/Kg	1.00	06/01/2004 18:56	
delta-BHC	ND	2.0	ug/Kg	1.00	06/01/2004 18:56	
Endosulfan sulfate	ND	2.0	ug/Kg	1.00	06/01/2004 18:56	
4,4`-Methoxychlor	ND	2.0	ug/Kg	1.00	06/01/2004 18:56	
Toxaphene	ND	100	ug/Kg	1.00	06/01/2004 18:56	
Chlordane (Technical)	ND	50	ug/Kg	1.00	06/01/2004 18:56	
alpha-Chlordane	ND	2.0	ug/Kg	1.00	06/01/2004 18:56	
gamma-Chlordane	ND	2.0	ug/Kg	1.00	06/01/2004 18:56	
Surrogate(s)						
2,4,5,6-Tetrachloro-m-xylene	84.8	50-125	%	1.00	06/01/2004 18:56	
Decachlorobiphenyl (Pest/8081)	79.8	46-142	%	1.00	06/01/2004 18:56	

Organochlorine Pesticides Analysis

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Project: 869-4A
Milpitas Sewage

Received: 05/27/2004 17:53

Batch QC Report

Prep(s): 3550/8081 — Test(s): 8081

Method Blank — **Soil** — **QC Batch # 2004/06/01-02.13**

MB: 2004/06/01-02.13-006 — Date Extracted: 06/01/2004 10:22

Compound	Conc.	RL	Unit	Analyzed	Flag
Aldrin	ND	2.0	ug/Kg	06/01/2004 15:39	
Dieldrin	ND	2.0	ug/Kg	06/01/2004 15:39	
Endrin aldehyde	ND	2.0	ug/Kg	06/01/2004 15:39	
Endrin	ND	2.0	ug/Kg	06/01/2004 15:39	
Endrin ketone	ND	2.0	ug/Kg	06/01/2004 15:39	
Heptachlor	ND	2.0	ug/Kg	06/01/2004 15:39	
Heptachlor epoxide	ND	2.0	ug/Kg	06/01/2004 15:39	
4,4`-DDT	ND	2.0	ug/Kg	06/01/2004 15:39	
4,4`-DDE	ND	2.0	ug/Kg	06/01/2004 15:39	
4,4`-DDD	ND	2.0	ug/Kg	06/01/2004 15:39	
Endosulfan I	ND	2.0	ug/Kg	06/01/2004 15:39	
Endosulfan II	ND	2.0	ug/Kg	06/01/2004 15:39	
alpha-BHC	ND	2.0	ug/Kg	06/01/2004 15:39	
beta-BHC	ND	2.0	ug/Kg	06/01/2004 15:39	
gamma-BHC (Lindane)	ND	2.0	ug/Kg	06/01/2004 15:39	
delta-BHC	ND	2.0	ug/Kg	06/01/2004 15:39	
Endosulfan sulfate	ND	2.0	ug/Kg	06/01/2004 15:39	
4,4`-Methoxychlor	ND	2.0	ug/Kg	06/01/2004 15:39	
Toxaphene	ND	100	ug/Kg	06/01/2004 15:39	
Chlordane (Technical)	ND	50	ug/Kg	06/01/2004 15:39	
alpha-Chlordane	ND	2.0	ug/Kg	06/01/2004 15:39	
gamma-Chlordane	ND	2.0	ug/Kg	06/01/2004 15:39	
Surrogates(s)					
2,4,5,6-Tetrachloro-m-xylene	96.1	50-125	%	06/01/2004 15:39	
Decachlorobiphenyl (Pest/8081)	102.4	46-142	%	06/01/2004 15:39	

Organochlorine Pesticides Analysis

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Project: 869-4A
Milpitas Sewage

Received: 05/27/2004 17:53

Batch QC Report

Prep(s): 3550/8081 — Test(s): 8081

Laboratory Control Spike — **Soil** — **QC Batch # 2004/06/01-02.13**

LCS 2004/06/01-02.13-002 — Extracted: 06/01/2004 — Analyzed: 06/02/2004 10:57

LCSD 2004/06/01-02.13-003 — Extracted: 06/01/2004 — Analyzed: 06/02/2004 11:28

Compound	Conc. ug/Kg		Exp.Conc.	Recovery %		RPD	Ctrl.Limits %		Flags	
	LCS	LCSD		LCS	LCSD	%	Rec.	RPD	LCS	LCSD
Aldrin	9.73	13.8	16.6	58.6	83.1	34.6	37-136	35		
Dieldrin	10.4	9.76	16.6	62.7	58.8	6.4	58-135	35		
Endrin	10.5	6.74	16.6	63.3	40.6	43.7	58-134	35		,or,rpo
Heptachlor	9.65	8.91	16.6	58.1	53.7	7.9	40-136	35		
4,4`-DDT	11.5	12.0	16.6	69.3	72.3	4.2	55-132	35		
gamma-BHC (Lindane)	9.67	10.9	16.6	58.3	65.7	11.9	37-137	35		
Surrogates(s)										
2,4,5,6-Tetrachloro-m-xylene	31.2	44.5	50	62.4	89.1		50-125	0		
Decachlorobiphenyl	36.0	46.4	50	72.1	92.7		46-142	0		

SEVERN TRENT STL

Submission #: 2004-05-0971

Organochlorine Pesticides Analysis

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Project: 869-4A
Milpitas Sewage

Received: 05/27/2004 17:53

Batch QC Report

Prep(s): 3550/8081 Test(s): 8081

Matrix Spike (MS / MSD) **Soil** **QC Batch # 2004/06/01-02.13**

B-6 13-13.5` >> MS Lab ID: 2004-05-0971 - 003

MS: 2004/06/01-02.13-004 Extracted: 06/01/2004 Analyzed: 06/01/2004 19:21
Dilution: 1.00

MSD: 2004/06/01-02.13-005 Extracted: 06/01/2004 Analyzed: 06/01/2004 19:45
Dilution: 1.00

Compound	Conc. ug/Kg			Spk.Level	Recovery %			Limits %		Flags	
	MS	MSD	Sample	ug/Kg	MS	MSD	RPD	Rec.	RPD	MS	MSD
Aldrin	15.0	14.0	ND	16.4	91.5	85.4	6.9	37-136	35		
Dieldrin	15.1	13.9	ND	16.4	92.1	84.8	8.3	58-135	35		
Endrin	15.7	14.5	ND	16.4	95.7	88.4	7.9	58-134	35		
Heptachlor	15.8	15.2	ND	16.4	96.3	92.7	3.8	40-136	35		
4,4`-DDT	13.9	12.5	ND	16.4	84.8	76.2	10.7	55-132	35		
gamma-BHC (Lindane)	15.1	14.1	ND	16.4	92.1	86.0	6.9	37-137	35		
Surrogate(s)											
2,4,5,6-Tetrachloro-m-xylen	45.4	44.1		50	90.8	88.2		50-125	0		
Decachlorobiphenyl	44.4	39.9		50	88.8	79.7		46-142	0		

SEVERN TRENT STL

Submission #: 2004-05-0971

Volatile Organic Compounds by 8260B (Low Level)

Lowney & Associates Mountain View
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Phone: (650) 967-2365 Fax: (650) 967-2785

Project: 869-4A
Milpitas Sewage

Received: 05/27/2004 17:53

Samples Reported

Sample Name	Date Sampled	Matrix	Lab #
B-4 15`	05/27/2004	Water	4
B-5 15`	05/27/2004	Water	6

Volatile Organic Compounds by 8260B (Low Level)

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Project: 869-4A
Milpitas Sewage

Received: 05/27/2004 17:53

Prep(s): 5030B
Sample ID: **B-4 15`**
Sampled: 05/27/2004
Matrix: Water

Test(s): 8260B
Lab ID: 2004-05-0971 - 4
Extracted: 6/3/2004 00:07
QC Batch#: 2004/06/02-02.60

Compound	Conc.	RL	Unit	Dilution	Analyzed	Flag
MTBE	ND	5.0	ug/L	1.00	06/03/2004 00:07	
Acetone	ND	50	ug/L	1.00	06/03/2004 00:07	
Benzene	ND	0.50	ug/L	1.00	06/03/2004 00:07	
Bromodichloromethane	ND	0.50	ug/L	1.00	06/03/2004 00:07	
Bromobenzene	ND	1.0	ug/L	1.00	06/03/2004 00:07	
Bromochloromethane	ND	1.0	ug/L	1.00	06/03/2004 00:07	
Bromoform	ND	0.50	ug/L	1.00	06/03/2004 00:07	
Bromomethane	ND	1.0	ug/L	1.00	06/03/2004 00:07	
2-Butanone(MEK)	ND	50	ug/L	1.00	06/03/2004 00:07	
n-Butylbenzene	ND	1.0	ug/L	1.00	06/03/2004 00:07	
sec-Butylbenzene	ND	1.0	ug/L	1.00	06/03/2004 00:07	
tert-Butylbenzene	ND	1.0	ug/L	1.00	06/03/2004 00:07	
Carbon disulfide	ND	5.0	ug/L	1.00	06/03/2004 00:07	
Carbon tetrachloride	ND	0.50	ug/L	1.00	06/03/2004 00:07	
Chlorobenzene	ND	0.50	ug/L	1.00	06/03/2004 00:07	
Chloroethane	ND	1.0	ug/L	1.00	06/03/2004 00:07	
2-Chloroethylvinyl ether	ND	5.0	ug/L	1.00	06/03/2004 00:07	
Chloroform	ND	1.0	ug/L	1.00	06/03/2004 00:07	
Chloromethane	ND	1.0	ug/L	1.00	06/03/2004 00:07	
2-Chlorotoluene	ND	0.50	ug/L	1.00	06/03/2004 00:07	
4-Chlorotoluene	ND	0.50	ug/L	1.00	06/03/2004 00:07	
Dibromochloromethane	ND	0.50	ug/L	1.00	06/03/2004 00:07	
1,2-Dichlorobenzene	ND	0.50	ug/L	1.00	06/03/2004 00:07	
1,3-Dichlorobenzene	ND	0.50	ug/L	1.00	06/03/2004 00:07	
1,4-Dichlorobenzene	ND	0.50	ug/L	1.00	06/03/2004 00:07	
1,3-Dichloropropane	ND	1.0	ug/L	1.00	06/03/2004 00:07	
2,2-Dichloropropane	ND	0.50	ug/L	1.00	06/03/2004 00:07	
1,1-Dichloropropene	ND	0.50	ug/L	1.00	06/03/2004 00:07	
1,2-Dibromo-3-chloropropane	ND	1.0	ug/L	1.00	06/03/2004 00:07	
1,2-Dibromoethane	ND	0.50	ug/L	1.00	06/03/2004 00:07	

SEVERN TRENT STL

Submission #: 2004-05-0971

Volatile Organic Compounds by 8260B (Low Level)

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Project: 869-4A
Milpitas Sewage

Received: 05/27/2004 17:53

Prep(s): 5030B
Sample ID: **B-4 15`**
Sampled: 05/27/2004
Matrix: Water

Test(s): 8260B
Lab ID: 2004-05-0971 - 4
Extracted: 6/3/2004 00:07
QC Batch#: 2004/06/02-02.60

Compound	Conc.	RL	Unit	Dilution	Analyzed	Flag
Dibromomethane	ND	0.50	ug/L	1.00	06/03/2004 00:07	
Dichlorodifluoromethane	ND	0.50	ug/L	1.00	06/03/2004 00:07	
1,1-Dichloroethane	ND	0.50	ug/L	1.00	06/03/2004 00:07	
1,2-Dichloroethane	ND	0.50	ug/L	1.00	06/03/2004 00:07	
1,1-Dichloroethene	ND	0.50	ug/L	1.00	06/03/2004 00:07	
cis-1,2-Dichloroethene	ND	0.50	ug/L	1.00	06/03/2004 00:07	
trans-1,2-Dichloroethene	ND	0.50	ug/L	1.00	06/03/2004 00:07	
1,2-Dichloropropane	ND	0.50	ug/L	1.00	06/03/2004 00:07	
cis-1,3-Dichloropropene	ND	0.50	ug/L	1.00	06/03/2004 00:07	
trans-1,3-Dichloropropene	ND	0.50	ug/L	1.00	06/03/2004 00:07	
Ethylbenzene	ND	0.50	ug/L	1.00	06/03/2004 00:07	
Hexachlorobutadiene	ND	1.0	ug/L	1.00	06/03/2004 00:07	
2-Hexanone	ND	50	ug/L	1.00	06/03/2004 00:07	
Isopropylbenzene	ND	0.50	ug/L	1.00	06/03/2004 00:07	
p-Isopropyltoluene	ND	1.0	ug/L	1.00	06/03/2004 00:07	
Methylene chloride	ND	5.0	ug/L	1.00	06/03/2004 00:07	
4-Methyl-2-pentanone (MIBK)	ND	50	ug/L	1.00	06/03/2004 00:07	
Naphthalene	ND	1.0	ug/L	1.00	06/03/2004 00:07	
n-Propylbenzene	ND	1.0	ug/L	1.00	06/03/2004 00:07	
Styrene	ND	0.50	ug/L	1.00	06/03/2004 00:07	
1,1,1,2-Tetrachloroethane	ND	0.50	ug/L	1.00	06/03/2004 00:07	
1,1,2,2-Tetrachloroethane	ND	0.50	ug/L	1.00	06/03/2004 00:07	
Tetrachloroethene	ND	0.50	ug/L	1.00	06/03/2004 00:07	
Toluene	ND	0.50	ug/L	1.00	06/03/2004 00:07	
1,2,3-Trichlorobenzene	ND	1.0	ug/L	1.00	06/03/2004 00:07	
1,2,4-Trichlorobenzene	ND	1.0	ug/L	1.00	06/03/2004 00:07	
1,1,1-Trichloroethane	ND	0.50	ug/L	1.00	06/03/2004 00:07	
1,1,2-Trichloroethane	ND	0.50	ug/L	1.00	06/03/2004 00:07	
Trichloroethene	ND	0.50	ug/L	1.00	06/03/2004 00:07	
Trichlorofluoromethane	ND	1.0	ug/L	1.00	06/03/2004 00:07	

Volatile Organic Compounds by 8260B (Low Level)

Lowney & Associates Mountain View
Attn.: Stason Foster

405 Clyde Ave
Mountain View, CA 94043-2209
Phone: (650) 967-2365 Fax: (650) 967-2785

Project: 869-4A
Milpitas Sewage

Received: 05/27/2004 17:53

Prep(s): 5030B
Sample ID: **B-4 15'**
Sampled: 05/27/2004
Matrix: Water

Test(s): 8260B
Lab ID: 2004-05-0971 - 4
Extracted: 6/3/2004 00:07
QC Batch#: 2004/06/02-02.60

Compound	Conc.	RL	Unit	Dilution	Analyzed	Flag
Trichlorotrifluoroethane	ND	0.50	ug/L	1.00	06/03/2004 00:07	
1,2,4-Trimethylbenzene	ND	0.50	ug/L	1.00	06/03/2004 00:07	
1,3,5-Trimethylbenzene	ND	0.50	ug/L	1.00	06/03/2004 00:07	
Vinyl acetate	ND	25	ug/L	1.00	06/03/2004 00:07	
Vinyl chloride	ND	0.50	ug/L	1.00	06/03/2004 00:07	
Total xylenes	ND	1.0	ug/L	1.00	06/03/2004 00:07	
Surrogate(s)						
4-Bromofluorobenzene	88.6	79-118	%	1.00	06/03/2004 00:07	
1,2-Dichloroethane-d4	103.7	78-117	%	1.00	06/03/2004 00:07	
Toluene-d8	91.5	77-121	%	1.00	06/03/2004 00:07	

Volatile Organic Compounds by 8260B (Low Level)

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Project: 869-4A
Milpitas Sewage

Received: 05/27/2004 17:53

Prep(s): 5030B
Sample ID: **B-5 15'**
Sampled: 05/27/2004
Matrix: Water

Test(s): 8260B
Lab ID: 2004-05-0971 - 6
Extracted: 6/3/2004 00:41
QC Batch#: 2004/06/02-02.60

Compound	Conc.	RL	Unit	Dilution	Analyzed	Flag
MTBE	ND	5.0	ug/L	1.00	06/03/2004 00:41	
Acetone	ND	50	ug/L	1.00	06/03/2004 00:41	
Benzene	ND	0.50	ug/L	1.00	06/03/2004 00:41	
Bromodichloromethane	ND	0.50	ug/L	1.00	06/03/2004 00:41	
Bromobenzene	ND	1.0	ug/L	1.00	06/03/2004 00:41	
Bromochloromethane	ND	1.0	ug/L	1.00	06/03/2004 00:41	
Bromoform	ND	0.50	ug/L	1.00	06/03/2004 00:41	
Bromomethane	ND	1.0	ug/L	1.00	06/03/2004 00:41	
2-Butanone(MEK)	ND	50	ug/L	1.00	06/03/2004 00:41	
n-Butylbenzene	ND	1.0	ug/L	1.00	06/03/2004 00:41	
sec-Butylbenzene	ND	1.0	ug/L	1.00	06/03/2004 00:41	
tert-Butylbenzene	ND	1.0	ug/L	1.00	06/03/2004 00:41	
Carbon disulfide	ND	5.0	ug/L	1.00	06/03/2004 00:41	
Carbon tetrachloride	ND	0.50	ug/L	1.00	06/03/2004 00:41	
Chlorobenzene	ND	0.50	ug/L	1.00	06/03/2004 00:41	
Chloroethane	ND	1.0	ug/L	1.00	06/03/2004 00:41	
2-Chloroethylvinyl ether	ND	5.0	ug/L	1.00	06/03/2004 00:41	
Chloroform	ND	1.0	ug/L	1.00	06/03/2004 00:41	
Chloromethane	ND	1.0	ug/L	1.00	06/03/2004 00:41	
2-Chlorotoluene	ND	0.50	ug/L	1.00	06/03/2004 00:41	
4-Chlorotoluene	ND	0.50	ug/L	1.00	06/03/2004 00:41	
Dibromochloromethane	ND	0.50	ug/L	1.00	06/03/2004 00:41	
1,2-Dichlorobenzene	ND	0.50	ug/L	1.00	06/03/2004 00:41	
1,3-Dichlorobenzene	ND	0.50	ug/L	1.00	06/03/2004 00:41	
1,4-Dichlorobenzene	ND	0.50	ug/L	1.00	06/03/2004 00:41	
1,3-Dichloropropane	ND	1.0	ug/L	1.00	06/03/2004 00:41	
2,2-Dichloropropane	ND	0.50	ug/L	1.00	06/03/2004 00:41	
1,1-Dichloropropene	ND	0.50	ug/L	1.00	06/03/2004 00:41	
1,2-Dibromo-3-chloropropane	ND	1.0	ug/L	1.00	06/03/2004 00:41	
1,2-Dibromoethane	ND	0.50	ug/L	1.00	06/03/2004 00:41	

Volatile Organic Compounds by 8260B (Low Level)

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Project: 869-4A
Milpitas Sewage

Received: 05/27/2004 17:53

Prep(s): 5030B
Sample ID: **B-5 15`**
Sampled: 05/27/2004
Matrix: Water

Test(s): 8260B
Lab ID: 2004-05-0971 - 6
Extracted: 6/3/2004 00:41
QC Batch#: 2004/06/02-02.60

Compound	Conc.	RL	Unit	Dilution	Analyzed	Flag
Dibromomethane	ND	0.50	ug/L	1.00	06/03/2004 00:41	
Dichlorodifluoromethane	ND	0.50	ug/L	1.00	06/03/2004 00:41	
1,1-Dichloroethane	ND	0.50	ug/L	1.00	06/03/2004 00:41	
1,2-Dichloroethane	ND	0.50	ug/L	1.00	06/03/2004 00:41	
1,1-Dichloroethene	ND	0.50	ug/L	1.00	06/03/2004 00:41	
cis-1,2-Dichloroethene	ND	0.50	ug/L	1.00	06/03/2004 00:41	
trans-1,2-Dichloroethene	ND	0.50	ug/L	1.00	06/03/2004 00:41	
1,2-Dichloropropane	ND	0.50	ug/L	1.00	06/03/2004 00:41	
cis-1,3-Dichloropropene	ND	0.50	ug/L	1.00	06/03/2004 00:41	
trans-1,3-Dichloropropene	ND	0.50	ug/L	1.00	06/03/2004 00:41	
Ethylbenzene	ND	0.50	ug/L	1.00	06/03/2004 00:41	
Hexachlorobutadiene	ND	1.0	ug/L	1.00	06/03/2004 00:41	
2-Hexanone	ND	50	ug/L	1.00	06/03/2004 00:41	
Isopropylbenzene	ND	0.50	ug/L	1.00	06/03/2004 00:41	
p-Isopropyltoluene	ND	1.0	ug/L	1.00	06/03/2004 00:41	
Methylene chloride	ND	5.0	ug/L	1.00	06/03/2004 00:41	
4-Methyl-2-pentanone (MIBK)	ND	50	ug/L	1.00	06/03/2004 00:41	
Naphthalene	ND	1.0	ug/L	1.00	06/03/2004 00:41	
n-Propylbenzene	ND	1.0	ug/L	1.00	06/03/2004 00:41	
Styrene	ND	0.50	ug/L	1.00	06/03/2004 00:41	
1,1,1,2-Tetrachloroethane	ND	0.50	ug/L	1.00	06/03/2004 00:41	
1,1,2,2-Tetrachloroethane	ND	0.50	ug/L	1.00	06/03/2004 00:41	
Tetrachloroethene	ND	0.50	ug/L	1.00	06/03/2004 00:41	
Toluene	ND	0.50	ug/L	1.00	06/03/2004 00:41	
1,2,3-Trichlorobenzene	ND	1.0	ug/L	1.00	06/03/2004 00:41	
1,2,4-Trichlorobenzene	ND	1.0	ug/L	1.00	06/03/2004 00:41	
1,1,1-Trichloroethane	ND	0.50	ug/L	1.00	06/03/2004 00:41	
1,1,2-Trichloroethane	ND	0.50	ug/L	1.00	06/03/2004 00:41	
Trichloroethene	ND	0.50	ug/L	1.00	06/03/2004 00:41	
Trichlorofluoromethane	ND	1.0	ug/L	1.00	06/03/2004 00:41	

Volatile Organic Compounds by 8260B (Low Level)

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Project: 869-4A
Milpitas Sewage

Received: 05/27/2004 17:53

Prep(s): 5030B
Sample ID: **B-5 15`**
Sampled: 05/27/2004
Matrix: Water

Test(s): 8260B
Lab ID: 2004-05-0971 - 6
Extracted: 6/3/2004 00:41
QC Batch#: 2004/06/02-02.60

Compound	Conc.	RL	Unit	Dilution	Analyzed	Flag
Trichlorotrifluoroethane	ND	0.50	ug/L	1.00	06/03/2004 00:41	
1,2,4-Trimethylbenzene	ND	0.50	ug/L	1.00	06/03/2004 00:41	
1,3,5-Trimethylbenzene	ND	0.50	ug/L	1.00	06/03/2004 00:41	
Vinyl acetate	ND	25	ug/L	1.00	06/03/2004 00:41	
Vinyl chloride	ND	0.50	ug/L	1.00	06/03/2004 00:41	
Total xylenes	ND	1.0	ug/L	1.00	06/03/2004 00:41	
Surrogate(s)						
4-Bromofluorobenzene	88.9	79-118	%	1.00	06/03/2004 00:41	
1,2-Dichloroethane-d4	112.3	78-117	%	1.00	06/03/2004 00:41	
Toluene-d8	96.0	77-121	%	1.00	06/03/2004 00:41	

Volatile Organic Compounds by 8260B (Low Level)

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Project: 869-4A
Milpitas Sewage

Received: 05/27/2004 17:53

Batch QC Report

Prep(s): 5030B
Method Blank **Water**
MB: 2004/06/02-02.60-048

Test(s): 8260B
QC Batch # 2004/06/02-02.60
Date Extracted: 06/02/2004 16:48

Compound	Conc.	RL	Unit	Analyzed	Flag
MTBE	ND	5.0	ug/L	06/02/2004 16:48	
Acetone	ND	50	ug/L	06/02/2004 16:48	
Benzene	ND	0.5	ug/L	06/02/2004 16:48	
Bromodichloromethane	ND	0.5	ug/L	06/02/2004 16:48	
Bromobenzene	ND	1.0	ug/L	06/02/2004 16:48	
Bromochloromethane	ND	1.0	ug/L	06/02/2004 16:48	
Bromoform	ND	0.5	ug/L	06/02/2004 16:48	
Bromomethane	ND	1.0	ug/L	06/02/2004 16:48	
2-Butanone(MEK)	ND	50	ug/L	06/02/2004 16:48	
n-Butylbenzene	ND	1.0	ug/L	06/02/2004 16:48	
sec-Butylbenzene	ND	1.0	ug/L	06/02/2004 16:48	
tert-Butylbenzene	ND	1.0	ug/L	06/02/2004 16:48	
Carbon disulfide	ND	5.0	ug/L	06/02/2004 16:48	
Carbon tetrachloride	ND	0.5	ug/L	06/02/2004 16:48	
Chlorobenzene	ND	0.5	ug/L	06/02/2004 16:48	
Chloroethane	ND	1.0	ug/L	06/02/2004 16:48	
2-Chloroethylvinyl ether	ND	5.0	ug/L	06/02/2004 16:48	
Chloroform	ND	1.0	ug/L	06/02/2004 16:48	
Chloromethane	ND	1.0	ug/L	06/02/2004 16:48	
2-Chlorotoluene	ND	0.5	ug/L	06/02/2004 16:48	
4-Chlorotoluene	ND	0.5	ug/L	06/02/2004 16:48	
Dibromochloromethane	ND	0.5	ug/L	06/02/2004 16:48	
1,2-Dichlorobenzene	ND	0.5	ug/L	06/02/2004 16:48	
1,3-Dichlorobenzene	ND	0.5	ug/L	06/02/2004 16:48	
1,4-Dichlorobenzene	ND	0.5	ug/L	06/02/2004 16:48	
1,3-Dichloropropane	ND	1.0	ug/L	06/02/2004 16:48	
2,2-Dichloropropane	ND	0.5	ug/L	06/02/2004 16:48	
1,1-Dichloropropene	ND	0.5	ug/L	06/02/2004 16:48	
1,2-Dibromo-3-chloropropane	ND	1.0	ug/L	06/02/2004 16:48	
1,2-Dibromoethane	ND	0.5	ug/L	06/02/2004 16:48	

Volatile Organic Compounds by 8260B (Low Level)

Lowney & Associates Mountain View
Attn.: Stason Foster

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Phone: (650) 967-2365 Fax: (650) 967-2785

Project: 869-4A
Milpitas Sewage

Received: 05/27/2004 17:53

Batch QC Report

Prep(s): 5030B
Method Blank **Water**
MB: 2004/06/02-02.60-048

Test(s): 8260B
QC Batch # 2004/06/02-02.60
Date Extracted: 06/02/2004 16:48

Compound	Conc.	RL	Unit	Analyzed	Flag
Dibromomethane	ND	0.5	ug/L	06/02/2004 16:48	
Dichlorodifluoromethane	ND	0.5	ug/L	06/02/2004 16:48	
1,1-Dichloroethane	ND	0.5	ug/L	06/02/2004 16:48	
1,2-Dichloroethane	ND	0.5	ug/L	06/02/2004 16:48	
1,1-Dichloroethene	ND	0.5	ug/L	06/02/2004 16:48	
cis-1,2-Dichloroethene	ND	0.5	ug/L	06/02/2004 16:48	
trans-1,2-Dichloroethene	ND	0.5	ug/L	06/02/2004 16:48	
1,2-Dichloropropane	ND	0.5	ug/L	06/02/2004 16:48	
cis-1,3-Dichloropropene	ND	0.5	ug/L	06/02/2004 16:48	
trans-1,3-Dichloropropene	ND	0.5	ug/L	06/02/2004 16:48	
Ethylbenzene	ND	0.5	ug/L	06/02/2004 16:48	
Hexachlorobutadiene	ND	1.0	ug/L	06/02/2004 16:48	
2-Hexanone	ND	50	ug/L	06/02/2004 16:48	
Isopropylbenzene	ND	0.5	ug/L	06/02/2004 16:48	
p-Isopropyltoluene	ND	1.0	ug/L	06/02/2004 16:48	
Methylene chloride	ND	5.0	ug/L	06/02/2004 16:48	
4-Methyl-2-pentanone (MIBK)	ND	50	ug/L	06/02/2004 16:48	
Naphthalene	ND	1.0	ug/L	06/02/2004 16:48	
n-Propylbenzene	ND	1.0	ug/L	06/02/2004 16:48	
Styrene	ND	0.5	ug/L	06/02/2004 16:48	
1,1,1,2-Tetrachloroethane	ND	0.5	ug/L	06/02/2004 16:48	
1,1,2,2-Tetrachloroethane	ND	0.5	ug/L	06/02/2004 16:48	
Tetrachloroethene	ND	0.5	ug/L	06/02/2004 16:48	
Toluene	ND	0.5	ug/L	06/02/2004 16:48	
1,2,3-Trichlorobenzene	ND	1.0	ug/L	06/02/2004 16:48	
1,2,4-Trichlorobenzene	ND	1.0	ug/L	06/02/2004 16:48	
1,1,1-Trichloroethane	ND	0.5	ug/L	06/02/2004 16:48	
1,1,2-Trichloroethane	ND	0.5	ug/L	06/02/2004 16:48	
Trichloroethene	ND	0.5	ug/L	06/02/2004 16:48	
Trichlorofluoromethane	ND	1.0	ug/L	06/02/2004 16:48	
Trichlorotrifluoroethane	ND	0.5	ug/L	06/02/2004 16:48	

Volatile Organic Compounds by 8260B (Low Level)

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Project: 869-4A
Milpitas Sewage

Received: 05/27/2004 17:53

Batch QC Report

Prep(s): 5030B — Test(s): 8260B

Method Blank — **Water** — **QC Batch # 2004/06/02-02.60**

MB: 2004/06/02-02.60-048 — Date Extracted: 06/02/2004 16:48

Compound	Conc.	RL	Unit	Analyzed	Flag
1,2,4-Trimethylbenzene	ND	0.5	ug/L	06/02/2004 16:48	
1,3,5-Trimethylbenzene	ND	0.5	ug/L	06/02/2004 16:48	
Vinyl acetate	ND	25	ug/L	06/02/2004 16:48	
Vinyl chloride	ND	0.5	ug/L	06/02/2004 16:48	
Total xylenes	ND	1.0	ug/L	06/02/2004 16:48	
Surrogates(s)					
4-Bromofluorobenzene	91.4	79-118	%	06/02/2004 16:48	
1,2-Dichloroethane-d4	104.1	78-117	%	06/02/2004 16:48	
Toluene-d8	89.9	77-121	%	06/02/2004 16:48	

Volatile Organic Compounds by 8260B (Low Level)

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Project: 869-4A
Milpitas Sewage

Received: 05/27/2004 17:53

Batch QC Report

Prep(s): 5030B — Test(s): 8260B

Laboratory Control Spike — **Water** — **QC Batch # 2004/06/02-02.60**

LCS 2004/06/02-02.60-040 — Extracted: 06/02/2004 — Analyzed: 06/02/2004 15:40

LCSD 2004/06/02-02.60-014 — Extracted: 06/02/2004 — Analyzed: 06/02/2004 16:14

Compound	Conc. ug/L		Exp.Conc.	Recovery %		RPD	Ctrl.Limits %		Flags	
	LCS	LCSD		LCS	LCSD	%	Rec.	RPD	LCS	LCSD
Benzene	18.9	20.2	20.0	94.5	101.0	6.6	69-129	20		
Chlorobenzene	20.4	20.3	20.0	102.0	101.5	0.5	61-121	20		
1,1-Dichloroethene	19.3	20.9	20.0	96.5	104.5	8.0	65-125	20		
Toluene	18.7	19.5	20.0	93.5	97.5	4.2	70-130	20		
Trichloroethene	18.5	19.2	20.0	92.5	96.0	3.7	74-134	20		
Surrogates(s)										
4-Bromofluorobenzene	454	444	500	90.8	88.8		79-118			
1,2-Dichloroethane-d4	462	480	500	92.4	96.0		78-117			
Toluene-d8	449	453	500	89.8	90.6		77-121			

SEVERN TRENT STL

Submission #: 2004-05-0971

Total Extractable Petroleum Hydrocarbons (TEPH)

Lowney & Associates Mountain View
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Phone: (650) 967-2365 Fax: (650) 967-2785

Project: 869-4A
Milpitas Sewage

Received: 05/27/2004 17:53

Samples Reported

Sample Name	Date Sampled	Matrix	Lab #
B-4 13-13.5`	05/27/2004	Soil	1
B-5 13-13.5`	05/27/2004	Soil	2
B-6 13-13.5`	05/27/2004	Soil	3
B-4 15`	05/27/2004	Water	4
B-5 15`	05/27/2004	Water	6

SEVERN TRENT STL

Submission #: 2004-05-0971

Total Extractable Petroleum Hydrocarbons (TEPH)

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Project: 869-4A
Milpitas Sewage

Received: 05/27/2004 17:53

Prep(s):	3550/8015M	Test(s):	8015M
Sample ID:	**B-4 13-13.5`**	Lab ID:	2004-05-0971 - 1
Sampled:	05/27/2004	Extracted:	6/1/2004 07:43
Matrix:	Soil	QC Batch#:	2004/06/01-03.10

Compound	Conc.	RL	Unit	Dilution	Analyzed	Flag
Diesel	ND	1.0	mg/Kg	1.00	06/01/2004 16:57	
Motor Oil	ND	50	mg/Kg	1.00	06/01/2004 16:57	
Surrogate(s)						
o-Terphenyl	89.6	60-130	%	1.00	06/01/2004 16:57	

SEVERN TRENT STL

Submission #: 2004-05-0971

Total Extractable Petroleum Hydrocarbons (TEPH)

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Project: 869-4A
Milpitas Sewage

Received: 05/27/2004 17:53

Prep(s): 3550/8015M
Test(s): 8015M
Sample ID: **B-5 13-13.5`**
Lab ID: 2004-05-0971 - 2
Sampled: 05/27/2004
Extracted: 6/1/2004 07:43
Matrix: Soil
QC Batch#: 2004/06/01-03.10

Compound	Conc.	RL	Unit	Dilution	Analyzed	Flag
Diesel	ND	1.0	mg/Kg	1.00	06/01/2004 17:24	
Motor Oil	ND	50	mg/Kg	1.00	06/01/2004 17:24	
Surrogate(s)						
o-Terphenyl	87.6	60-130	%	1.00	06/01/2004 17:24	

SEVERN TRENT STL

Submission #: 2004-05-0971

Total Extractable Petroleum Hydrocarbons (TEPH)

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Project: 869-4A
Milpitas Sewage

Received: 05/27/2004 17:53

Prep(s): 3550/8015M
Test(s): 8015M
Sample ID: **B-6 13-13.5`**
Lab ID: 2004-05-0971 - 3
Sampled: 05/27/2004
Extracted: 6/1/2004 13:24
Matrix: Soil
QC Batch#: 2004/06/01-08.10

Compound	Conc.	RL	Unit	Dilution	Analyzed	Flag
Diesel	4.2	1.0	mg/Kg	1.00	06/02/2004 12:49	upd
Motor Oil	ND	50	mg/Kg	1.00	06/02/2004 12:49	
Surrogate(s)						
o-Terphenyl	76.0	60-130	%	1.00	06/02/2004 12:49	

SEVERN TRENT STL

Submission #: 2004-05-0971

Total Extractable Petroleum Hydrocarbons (TEPH)

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Project: 869-4A
Milpitas Sewage

Received: 05/27/2004 17:53

Prep(s):	3510/8015M	Test(s):	8015M
Sample ID:	**B-4 15`**	Lab ID:	2004-05-0971 - 4
Sampled:	05/27/2004	Extracted:	5/29/2004 08:23
Matrix:	Water	QC Batch#:	2004/05/29-02.10

Compound	Conc.	RL	Unit	Dilution	Analyzed	Flag
Diesel	160	50	ug/L	1.00	05/29/2004 19:35	ndp
Motor Oil	ND	500	ug/L	1.00	05/29/2004 19:35	
Surrogate(s)						
o-Terphenyl	90.5	60-130	%	1.00	05/29/2004 19:35	

SEVERN TRENT STL

Submission #: 2004-05-0971

Total Extractable Petroleum Hydrocarbons (TEPH)

Lowney & Associates Mountain View
Attn.: Stason Foster

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Phone: (650) 967-2365 Fax: (650) 967-2785

Project: 869-4A
Milpitas Sewage

Received: 05/27/2004 17:53

Prep(s):	3510/8015M	Test(s):	8015M
Sample ID:	**B-5 15`**	Lab ID:	2004-05-0971 - 6
Sampled:	05/27/2004	Extracted:	5/29/2004 08:23
Matrix:	Water	QC Batch#:	2004/05/29-02.10

Compound	Conc.	RL	Unit	Dilution	Analyzed	Flag
Diesel	86	50	ug/L	1.00	05/29/2004 20:02	ndp
Motor Oil	ND	500	ug/L	1.00	05/29/2004 20:02	
Surrogate(s)						
o-Terphenyl	87.6	60-130	%	1.00	05/29/2004 20:02	

Total Extractable Petroleum Hydrocarbons (TEPH)

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Project: 869-4A
Milpitas Sewage

Received: 05/27/2004 17:53

Batch QC Report

Prep(s): 3510/8015M
Test(s): 8015M

Method Blank **Water** **QC Batch # 2004/05/29-02.10**

MB: 2004/05/29-02.10-001

Date Extracted: 05/29/2004 08:23

Compound	Conc.	RL	Unit	Analyzed	Flag
Diesel	ND	50	ug/L	05/29/2004 17:46	
Motor Oil	ND	500	ug/L	05/29/2004 17:46	
Surrogates(s)					
o-Terphenyl	86.4	60-130	%	05/29/2004 17:46	

Total Extractable Petroleum Hydrocarbons (TEPH)

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Project: 869-4A
Milpitas Sewage

Received: 05/27/2004 17:53

Batch QC Report

Prep(s): 3550/8015M
Test(s): 8015M

Method Blank **Soil** **QC Batch # 2004/06/01-03.10**

MB: 2004/06/01-03.10-001

Date Extracted: 06/01/2004 07:43

Compound	Conc.	RL	Unit	Analyzed	Flag
Diesel	ND	1	mg/Kg	06/01/2004 13:45	
Motor Oil	ND	50	mg/Kg	06/01/2004 13:45	
Surrogates(s)					
o-Terphenyl	99.6	60-130	%	06/01/2004 13:45	

Total Extractable Petroleum Hydrocarbons (TEPH)

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Project: 869-4A
Milpitas Sewage

Received: 05/27/2004 17:53

Batch QC Report

Prep(s): 3550/8015M

Test(s): 8015M

Method Blank **Soil** **QC Batch # 2004/06/01-08.10**

MB: 2004/06/01-08.10-001

Date Extracted: 06/01/2004 13:24

Compound	Conc.	RL	Unit	Analyzed	Flag
Diesel	ND	1	mg/Kg	06/02/2004 11:26	
Motor Oil	ND	50	mg/Kg	06/02/2004 11:26	
Surrogates(s)					
o-Terphenyl	84.5	60-130	%	06/02/2004 11:26	

Total Extractable Petroleum Hydrocarbons (TEPH)

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Project: 869-4A
Milpitas Sewage

Received: 05/27/2004 17:53

Batch QC Report

Prep(s): 3510/8015M

Test(s): 8015M

Laboratory Control Spike **Water** **QC Batch # 2004/05/29-02.10**

LCS 2004/05/29-02.10-002 Extracted: 05/29/2004 Analyzed: 05/29/2004 18:13

LCSD 2004/05/29-02.10-003 Extracted: 05/29/2004 Analyzed: 05/29/2004 18:41

Compound	Conc.	ug/L	Exp.Conc.	Recovery %		RPD	Ctrl.Limits %		Flags	
	LCS	LCSD		LCS	LCSD	%	Rec.	RPD	LCS	LCSD
Diesel	908	849	1000	90.8	84.9	6.7	60-130	25		
Surrogates(s)										
o-Terphenyl	19.1	18.0	20.0	95.3	90.1		60-130	0		

SEVERN TRENT STL

Submission #: 2004-05-0971

Total Extractable Petroleum Hydrocarbons (TEPH)

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Project: 869-4A
Milpitas Sewage

Received: 05/27/2004 17:53

Batch QC Report

Prep(s): 3550/8015M

Test(s): 8015M

Laboratory Control Spike **Soil** **QC Batch # 2004/06/01-03.10**

LCS 2004/06/01-03.10-002 Extracted: 06/01/2004 Analyzed: 06/01/2004 14:40
LCSD 2004/06/01-03.10-003 Extracted: 06/01/2004 Analyzed: 06/01/2004 15:07

Compound	Conc.	mg/Kg	Exp.Conc.	Recovery %		RPD	Ctrl.Limits %		Flags	
	LCS	LCSD		LCS	LCSD	%	Rec.	RPD	LCS	LCSD
Diesel	39.4	39.6	41.7	94.5	95.2	0.7	60-130	25		
Surrogates(s)										
o-Terphenyl	19.6	19.6	20.0	98.1	98.0		60-130	0		

SEVERN TRENT STL

Submission #: 2004-05-0971

Total Extractable Petroleum Hydrocarbons (TEPH)

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Project: 869-4A
Milpitas Sewage

Received: 05/27/2004 17:53

Batch QC Report

Prep(s): 3550/8015M

Test(s): 8015M

Laboratory Control Spike **Soil** **QC Batch # 2004/06/01-08.10**

LCS 2004/06/01-08.10-002 Extracted: 06/01/2004 Analyzed: 06/02/2004 11:54
LCSD 2004/06/01-08.10-003 Extracted: 06/01/2004 Analyzed: 06/02/2004 12:22

Compound	Conc.	mg/Kg	Exp.Conc.	Recovery %		RPD	Ctrl.Limits %		Flags	
	LCS	LCSD		LCS	LCSD	%	Rec.	RPD	LCS	LCSD
Diesel	35.0	34.6	41.4	84.5	83.6	1.1	60-130	25		
Surrogates(s)										
o-Terphenyl	19.3	18.7	20.0	96.4	93.4		60-130	0		

Total Extractable Petroleum Hydrocarbons (TEPH)

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Project: 869-4A
Milpitas Sewage

Received: 05/27/2004 17:53

Legend and Notes

Result Flag

ndp

Hydrocarbon reported does not match the pattern of our Diesel standard

upd

The compound(s) reported reflect(s) individual or discrete unidentified peaks detected in the diesel range. The pattern does not match a typical fuel standard.

PCBs

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Project: 869-4A
Milpitas Sewage

Received: 05/27/2004 17:53

Samples Reported

Sample Name	Date Sampled	Matrix	Lab #
B-4 13-13.5`	05/27/2004	Soil	1
B-5 13-13.5`	05/27/2004	Soil	2
B-6 13-13.5`	05/27/2004	Soil	3

SEVERN TRENT STL

Submission #: 2004-05-0971

PCBs

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Project: 869-4A
Milpitas Sewage

Received: 05/27/2004 17:53

Prep(s): 3550/8082 | Test(s): 8082
Sample ID: **B-4 13-13.5`** | Lab ID: 2004-05-0971 - 1
Sampled: 05/27/2004 | Extracted: 6/3/2004 06:07
Matrix: Soil | QC Batch#: 2004/06/03-01.14

Compound	Conc.	RL	Unit	Dilution	Analyzed	Flag
Aroclor 1016	ND	50	ug/Kg	1.00	06/03/2004 12:41	
Aroclor 1221	ND	50	ug/Kg	1.00	06/03/2004 12:41	
Aroclor 1232	ND	50	ug/Kg	1.00	06/03/2004 12:41	
Aroclor 1242	ND	50	ug/Kg	1.00	06/03/2004 12:41	
Aroclor 1248	ND	50	ug/Kg	1.00	06/03/2004 12:41	
Aroclor 1254	ND	50	ug/Kg	1.00	06/03/2004 12:41	
Aroclor 1260	ND	50	ug/Kg	1.00	06/03/2004 12:41	
Surrogate(s)						
2,4,5,6-Tetrachloro-m-xylene	84.7	50-125	%	1.00	06/03/2004 12:41	
Decachlorobiphenyl (PCB/8082)	81.2	46-142	%	1.00	06/03/2004 12:41	

SEVERN TRENT STL

Submission #: 2004-05-0971

PCBs

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Project: 869-4A
Milpitas Sewage

Received: 05/27/2004 17:53

Prep(s): 3550/8082 | Test(s): 8082
Sample ID: **B-5 13-13.5`** | Lab ID: 2004-05-0971 - 2
Sampled: 05/27/2004 | Extracted: 6/3/2004 06:07
Matrix: Soil | QC Batch#: 2004/06/03-01.14

Compound	Conc.	RL	Unit	Dilution	Analyzed	Flag
Aroclor 1016	ND	50	ug/Kg	1.00	06/03/2004 13:01	
Aroclor 1221	ND	50	ug/Kg	1.00	06/03/2004 13:01	
Aroclor 1232	ND	50	ug/Kg	1.00	06/03/2004 13:01	
Aroclor 1242	ND	50	ug/Kg	1.00	06/03/2004 13:01	
Aroclor 1248	ND	50	ug/Kg	1.00	06/03/2004 13:01	
Aroclor 1254	ND	50	ug/Kg	1.00	06/03/2004 13:01	
Aroclor 1260	ND	50	ug/Kg	1.00	06/03/2004 13:01	
Surrogate(s)						
2,4,5,6-Tetrachloro-m-xylene	83.9	50-125	%	1.00	06/03/2004 13:01	
Decachlorobiphenyl (PCB/8082)	81.9	46-142	%	1.00	06/03/2004 13:01	

PCBs

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Project: 869-4A
Milpitas Sewage

Received: 05/27/2004 17:53

Prep(s):	3550/8082	Test(s):	8082
Sample ID:	**B-6 13-13.5'**	Lab ID:	2004-05-0971 - 3
Sampled:	05/27/2004	Extracted:	6/3/2004 06:07
Matrix:	Soil	QC Batch#:	2004/06/03-01.14

Compound	Conc.	RL	Unit	Dilution	Analyzed	Flag
Aroclor 1016	ND	50	ug/Kg	1.00	06/03/2004 13:20	
Aroclor 1221	ND	50	ug/Kg	1.00	06/03/2004 13:20	
Aroclor 1232	ND	50	ug/Kg	1.00	06/03/2004 13:20	
Aroclor 1242	ND	50	ug/Kg	1.00	06/03/2004 13:20	
Aroclor 1248	ND	50	ug/Kg	1.00	06/03/2004 13:20	
Aroclor 1254	ND	50	ug/Kg	1.00	06/03/2004 13:20	
Aroclor 1260	ND	50	ug/Kg	1.00	06/03/2004 13:20	
Surrogate(s)						
2,4,5,6-Tetrachloro-m-xylene	80.4	50-125	%	1.00	06/03/2004 13:20	
Decachlorobiphenyl (PCB/8082)	78.8	46-142	%	1.00	06/03/2004 13:20	

PCBs

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Project: 869-4A
Milpitas Sewage

Received: 05/27/2004 17:53

Batch QC Report

Prep(s): 3550/8082 — Test(s): 8082

Method Blank — **Soil** — **QC Batch # 2004/06/03-01.14**

MB: 2004/06/03-01.14-001 — Date Extracted: 06/03/2004 06:07

Compound	Conc.	RL	Unit	Analyzed	Flag
Aroclor 1016	ND	50	ug/Kg	06/03/2004 11:43	
Aroclor 1221	ND	50	ug/Kg	06/03/2004 11:43	
Aroclor 1232	ND	50	ug/Kg	06/03/2004 11:43	
Aroclor 1242	ND	50	ug/Kg	06/03/2004 11:43	
Aroclor 1248	ND	50	ug/Kg	06/03/2004 11:43	
Aroclor 1254	ND	50	ug/Kg	06/03/2004 11:43	
Aroclor 1260	ND	50	ug/Kg	06/03/2004 11:43	
Surrogates(s)					
2,4,5,6-Tetrachloro-m-xylene	86.1	50-125	%	06/03/2004 11:43	
Decachlorobiphenyl (PCB/8082)	81.9	46-142	%	06/03/2004 11:43	

PCBs

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Project: 869-4A
Milpitas Sewage

Received: 05/27/2004 17:53

Batch QC Report

Prep(s): 3550/8082

Test(s): 8082

Laboratory Control Spike **Soil** **QC Batch # 2004/06/03-01.14**

LCS 2004/06/03-01.14-002 Extracted: 06/03/2004 Analyzed: 06/03/2004 12:02
LCSD 2004/06/03-01.14-003 Extracted: 06/03/2004 Analyzed: 06/03/2004 12:22

Compound	Conc. ug/Kg		Exp.Conc.	Recovery %		RPD	Ctrl.Limits %		Flags	
	LCS	LCSD		LCS	LCSD	%	Rec.	RPD	LCS	LCSD
Aroclor 1016	54.4	50.6	66.5	81.8	76.2	7.1	65-135	30		
Aroclor 1260	54.5	51.8	66.5	82.0	78.0	5.0	65-135	30		
Surrogates(s)										
2,4,5,6-Tetrachloro-m-xylene	44.4	40.0	50	88.8	80.0		50-125	0		
Decachlorobiphenyl	40.6	39.2	50	81.2	78.4		46-142	0		

CAM 17 Metals

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Project: 869-4A
Milpitas Sewage

Received: 05/27/2004 17:53

Samples Reported

Sample Name	Date Sampled	Matrix	Lab #
B-4 15`	05/27/2004	Water	4
B-5 15`	05/27/2004	Water	6

SEVERN TRENT STL

Submission #: 2004-05-0971

CAM 17 Metals

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Project: 869-4A
Milpitas Sewage

Received: 05/27/2004 17:53

Prep(s):	3010A 7470A	Test(s):	6010B 7470A
Sample ID:	**B-4 15`**	Lab ID:	2004-05-0971 - 4
Sampled:	05/27/2004	Extracted:	6/1/2004 07:50 6/1/2004 16:14
Matrix:	Water	QC Batch#:	2004/06/01-04.15 2004/06/01-05.16

Compound	Conc.	RL	Unit	Dilution	Analyzed	Flag
Antimony	ND	0.0050	mg/L	1.00	06/04/2004 10:25	
Arsenic	0.016	0.0050	mg/L	1.00	06/04/2004 10:25	
Barium	0.70	0.0050	mg/L	1.00	06/04/2004 10:25	
Beryllium	ND	0.0050	mg/L	1.00	06/04/2004 10:25	
Cadmium	ND	0.0020	mg/L	1.00	06/04/2004 10:25	
Chromium	ND	0.0050	mg/L	1.00	06/04/2004 10:25	
Cobalt	0.0057	0.0050	mg/L	1.00	06/04/2004 10:25	
Copper	0.0069	0.0050	mg/L	1.00	06/04/2004 10:25	
Lead	ND	0.0050	mg/L	1.00	06/04/2004 10:25	
Molybdenum	ND	0.0050	mg/L	1.00	06/04/2004 10:25	
Nickel	0.015	0.0050	mg/L	1.00	06/04/2004 10:25	
Selenium	ND	0.0050	mg/L	1.00	06/04/2004 10:25	
Silver	ND	0.0050	mg/L	1.00	06/04/2004 10:25	
Thallium	ND	0.0050	mg/L	1.00	06/04/2004 10:25	
Vanadium	0.0081	0.0050	mg/L	1.00	06/04/2004 10:25	
Zinc	ND	0.010	mg/L	1.00	06/04/2004 10:25	
Mercury	ND	0.00020	mg/L	1.00	06/02/2004 13:00	

SEVERN TRENT STL

Submission #: 2004-05-0971

CAM 17 Metals

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Project: 869-4A
Milpitas Sewage

Received: 05/27/2004 17:53

Prep(s):	3010A 7470A	Test(s):	6010B 7470A
Sample ID:	**B-5 15`**	Lab ID:	2004-05-0971 - 6
Sampled:	05/27/2004	Extracted:	6/1/2004 07:50 6/1/2004 16:14
Matrix:	Water	QC Batch#:	2004/06/01-04.15 2004/06/01-05.16

Compound	Conc.	RL	Unit	Dilution	Analyzed	Flag
Antimony	ND	0.010	mg/L	1.00	06/04/2004 10:40	
Arsenic	0.0088	0.0050	mg/L	1.00	06/04/2004 10:40	
Barium	1.2	0.0050	mg/L	1.00	06/04/2004 10:40	
Beryllium	ND	0.0050	mg/L	1.00	06/04/2004 10:40	
Cadmium	ND	0.0020	mg/L	1.00	06/04/2004 10:40	
Chromium	ND	0.0050	mg/L	1.00	06/04/2004 10:40	
Cobalt	0.012	0.0050	mg/L	1.00	06/04/2004 10:40	
Copper	0.0051	0.0050	mg/L	1.00	06/04/2004 10:40	
Lead	ND	0.0050	mg/L	1.00	06/04/2004 10:40	
Molybdenum	0.013	0.0050	mg/L	1.00	06/04/2004 10:40	
Nickel	0.040	0.0050	mg/L	1.00	06/04/2004 10:40	
Selenium	ND	0.0050	mg/L	1.00	06/04/2004 10:40	
Silver	ND	0.0050	mg/L	1.00	06/04/2004 10:40	
Thallium	ND	0.0050	mg/L	1.00	06/04/2004 10:40	
Vanadium	0.014	0.0050	mg/L	1.00	06/04/2004 10:40	
Zinc	ND	0.010	mg/L	1.00	06/04/2004 10:40	
Mercury	ND	0.00020	mg/L	1.00	06/02/2004 13:01	

CAM 17 Metals

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Project: 869-4A
Milpitas Sewage

Received: 05/27/2004 17:53

Batch QC Report

Prep(s): 3010A
Method Blank
MB: 2004/06/01-04.15-036

Water

Test(s): 6010B
QC Batch # 2004/06/01-04.15
Date Extracted: 06/01/2004 07:50

Compound	Conc.	RL	Unit	Analyzed	Flag
Antimony	ND	0.0050	mg/L	06/04/2004 10:00	
Arsenic	ND	0.0050	mg/L	06/04/2004 10:00	
Barium	ND	0.0050	mg/L	06/04/2004 10:00	
Beryllium	ND	0.0050	mg/L	06/04/2004 10:00	
Cadmium	ND	0.0020	mg/L	06/04/2004 10:00	
Chromium	ND	0.0050	mg/L	06/04/2004 10:00	
Cobalt	ND	0.0050	mg/L	06/04/2004 10:00	
Copper	ND	0.0050	mg/L	06/04/2004 10:00	
Lead	ND	0.0050	mg/L	06/04/2004 10:00	
Molybdenum	ND	0.0050	mg/L	06/04/2004 10:00	
Nickel	ND	0.0050	mg/L	06/04/2004 10:00	
Selenium	ND	0.0050	mg/L	06/04/2004 10:00	
Silver	ND	0.0050	mg/L	06/04/2004 10:00	
Thallium	ND	0.0050	mg/L	06/04/2004 10:00	
Vanadium	ND	0.0050	mg/L	06/04/2004 10:00	
Zinc	ND	0.010	mg/L	06/04/2004 10:00	

SEVERN TRENT STL

Submission #: 2004-05-0971

CAM 17 Metals

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Project: 869-4A
Milpitas Sewage

Received: 05/27/2004 17:53

Batch QC Report

Prep(s): 7470A
Method Blank
MB: 2004/06/01-05.16-033

Water

Test(s): 7470A
QC Batch # 2004/06/01-05.16
Date Extracted: 06/01/2004 16:14

Compound	Conc.	RL	Unit	Analyzed	Flag
Mercury	ND	0.0002	mg/L	06/02/2004 12:43	

CAM 17 Metals

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Project: 869-4A
Milpitas Sewage

Received: 05/27/2004 17:53

Batch QC Report

Prep(s): 3010A

Test(s): 6010B

Laboratory Control Spike **Water** **QC Batch # 2004/06/01-04.15**

LCS 2004/06/01-04.15-037 Extracted: 06/01/2004 Analyzed: 06/04/2004 10:03
LCSD 2004/06/01-04.15-038 Extracted: 06/01/2004 Analyzed: 06/04/2004 10:06

Compound	Conc. mg/L		Exp.Conc.	Recovery %		RPD	Ctrl.Limits %		Flags	
	LCS	LCSD		LCS	LCSD	%	Rec.	RPD	LCS	LCSD
Antimony	0.496	0.511	0.500	99.2	102.2	3.0	80-120	20		
Arsenic	0.516	0.526	0.500	103.2	105.2	1.9	80-120	20		
Barium	0.503	0.514	0.500	100.6	102.8	2.2	80-120	20		
Beryllium	0.463	0.477	0.500	92.6	95.4	3.0	80-120	20		
Cadmium	0.495	0.506	0.500	99.0	101.2	2.2	80-120	20		
Chromium	0.499	0.487	0.500	99.8	97.4	2.4	80-120	20		
Cobalt	0.504	0.514	0.500	100.8	102.8	2.0	80-120	20		
Copper	0.475	0.484	0.500	95.0	96.8	1.9	80-120	20		
Lead	0.459	0.471	0.500	91.8	94.2	2.6	80-120	20		
Molybdenum	0.478	0.491	0.500	95.6	98.2	2.7	80-120	20		
Nickel	0.479	0.489	0.500	95.8	97.8	2.1	80-120	20		
Selenium	0.459	0.473	0.500	91.8	94.6	3.0	80-120	20		
Silver	0.455	0.465	0.500	91.0	93.0	2.2	80-120	20		
Thallium	0.509	0.525	0.500	101.8	105.0	3.1	80-120	20		
Vanadium	0.473	0.483	0.500	94.6	96.6	2.1	80-120	20		
Zinc	0.475	0.486	0.500	95.0	97.2	2.3	80-120	20		

CAM 17 Metals

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Attn.: Stason Foster

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Project: 869-4A
Milpitas Sewage

Received: 05/27/2004 17:53

Batch QC Report

Prep(s): 7470A

Test(s): 7470A

Laboratory Control Spike **Water** **QC Batch # 2004/06/01-05.16**

LCS 2004/06/01-05.16-034 Extracted: 06/01/2004 Analyzed: 06/02/2004 12:44
LCSD 2004/06/01-05.16-035 Extracted: 06/01/2004 Analyzed: 06/02/2004 12:45

Compound	Conc. mg/L		Exp.Conc.	Recovery %		RPD	Ctrl.Limits %		Flags	
	LCS	LCSD		LCS	LCSD	%	Rec.	RPD	LCS	LCSD
Mercury	0.0187	0.0189	0.0200	93.5	94.5	1.1	85-115	20		

Volatile Organic Compounds by 8260B (Low Level)

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Milpitas Sewage

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Samples Reported

Sample Name	Date Sampled	Matrix	Lab #
B-4 13-13.5`	05/27/2004	Soil	1
B-5 13-13.5`	05/27/2004	Soil	2
B-6 13-13.5`	05/27/2004	Soil	3

Volatile Organic Compounds by 8260B (Low Level)

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Project: 869-4A
Milpitas Sewage

Received: 05/27/2004 17:53

Prep(s):	5035	Test(s):	8260B
Sample ID:	**B-4 13-13.5`**	Lab ID:	2004-05-0971 - 1
Sampled:	05/27/2004	Extracted:	6/3/2004 14:31
Matrix:	Soil	QC Batch#:	2004/06/03-01.06

Compound	Conc.	RL	Unit	Dilution	Analyzed	Flag
MTBE	ND	5.0	ug/Kg	1.00	06/03/2004 14:31	
Acetone	83	50	ug/Kg	1.00	06/03/2004 14:31	
Benzene	ND	5.0	ug/Kg	1.00	06/03/2004 14:31	
Bromodichloromethane	ND	5.0	ug/Kg	1.00	06/03/2004 14:31	
Bromobenzene	ND	5.0	ug/Kg	1.00	06/03/2004 14:31	
Bromochloromethane	ND	20	ug/Kg	1.00	06/03/2004 14:31	
Bromoform	ND	5.0	ug/Kg	1.00	06/03/2004 14:31	
Bromomethane	ND	10	ug/Kg	1.00	06/03/2004 14:31	
2-Butanone(MEK)	ND	50	ug/Kg	1.00	06/03/2004 14:31	
n-Butylbenzene	ND	5.0	ug/Kg	1.00	06/03/2004 14:31	
sec-Butylbenzene	ND	5.0	ug/Kg	1.00	06/03/2004 14:31	
tert-Butylbenzene	ND	5.0	ug/Kg	1.00	06/03/2004 14:31	
Carbon disulfide	11	5.0	ug/Kg	1.00	06/03/2004 14:31	
Carbon tetrachloride	ND	5.0	ug/Kg	1.00	06/03/2004 14:31	
Chlorobenzene	ND	5.0	ug/Kg	1.00	06/03/2004 14:31	
Chloroethane	ND	10	ug/Kg	1.00	06/03/2004 14:31	
2-Chloroethylvinyl ether	ND	50	ug/Kg	1.00	06/03/2004 14:31	
Chloroform	ND	5.0	ug/Kg	1.00	06/03/2004 14:31	
Chloromethane	ND	10	ug/Kg	1.00	06/03/2004 14:31	
2-Chlorotoluene	ND	5.0	ug/Kg	1.00	06/03/2004 14:31	
4-Chlorotoluene	ND	5.0	ug/Kg	1.00	06/03/2004 14:31	
Dibromochloromethane	ND	5.0	ug/Kg	1.00	06/03/2004 14:31	
1,2-Dichlorobenzene	ND	5.0	ug/Kg	1.00	06/03/2004 14:31	
1,3-Dichlorobenzene	ND	5.0	ug/Kg	1.00	06/03/2004 14:31	
1,4-Dichlorobenzene	ND	5.0	ug/Kg	1.00	06/03/2004 14:31	
1,3-Dichloropropane	ND	5.0	ug/Kg	1.00	06/03/2004 14:31	
2,2-Dichloropropane	ND	5.0	ug/Kg	1.00	06/03/2004 14:31	
1,1-Dichloropropene	ND	5.0	ug/Kg	1.00	06/03/2004 14:31	
1,2-Dibromo-3-chloropropane	ND	50	ug/Kg	1.00	06/03/2004 14:31	
1,2-Dibromoethane	ND	10	ug/Kg	1.00	06/03/2004 14:31	

Volatile Organic Compounds by 8260B (Low Level)

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Project: 869-4A
Milpitas Sewage

Received: 05/27/2004 17:53

Prep(s):	5035	Test(s):	8260B
Sample ID:	**B-4 13-13.5`**	Lab ID:	2004-05-0971 - 1
Sampled:	05/27/2004	Extracted:	6/3/2004 14:31
Matrix:	Soil	QC Batch#:	2004/06/03-01.06

Compound	Conc.	RL	Unit	Dilution	Analyzed	Flag
Dibromomethane	ND	10	ug/Kg	1.00	06/03/2004 14:31	
Dichlorodifluoromethane	ND	10	ug/Kg	1.00	06/03/2004 14:31	
1,1-Dichloroethane	ND	5.0	ug/Kg	1.00	06/03/2004 14:31	
1,2-Dichloroethane	ND	5.0	ug/Kg	1.00	06/03/2004 14:31	
1,1-Dichloroethene	ND	5.0	ug/Kg	1.00	06/03/2004 14:31	
cis-1,2-Dichloroethene	ND	5.0	ug/Kg	1.00	06/03/2004 14:31	
trans-1,2-Dichloroethene	ND	5.0	ug/Kg	1.00	06/03/2004 14:31	
1,2-Dichloropropane	ND	5.0	ug/Kg	1.00	06/03/2004 14:31	
cis-1,3-Dichloropropene	ND	5.0	ug/Kg	1.00	06/03/2004 14:31	
trans-1,3-Dichloropropene	ND	5.0	ug/Kg	1.00	06/03/2004 14:31	
Ethylbenzene	ND	5.0	ug/Kg	1.00	06/03/2004 14:31	
Hexachlorobutadiene	ND	5.0	ug/Kg	1.00	06/03/2004 14:31	
2-Hexanone	ND	50	ug/Kg	1.00	06/03/2004 14:31	
Isopropylbenzene	ND	5.0	ug/Kg	1.00	06/03/2004 14:31	
p-Isopropyltoluene	ND	5.0	ug/Kg	1.00	06/03/2004 14:31	
Methylene chloride	ND	10	ug/Kg	1.00	06/03/2004 14:31	
4-Methyl-2-pentanone (MIBK)	ND	50	ug/Kg	1.00	06/03/2004 14:31	
Naphthalene	ND	10	ug/Kg	1.00	06/03/2004 14:31	
n-Propylbenzene	ND	5.0	ug/Kg	1.00	06/03/2004 14:31	
Styrene	ND	5.0	ug/Kg	1.00	06/03/2004 14:31	
1,1,1,2-Tetrachloroethane	ND	5.0	ug/Kg	1.00	06/03/2004 14:31	
1,1,2,2-Tetrachloroethane	ND	5.0	ug/Kg	1.00	06/03/2004 14:31	
Tetrachloroethene	ND	5.0	ug/Kg	1.00	06/03/2004 14:31	
Toluene	ND	5.0	ug/Kg	1.00	06/03/2004 14:31	
1,2,3-Trichlorobenzene	ND	5.0	ug/Kg	1.00	06/03/2004 14:31	
1,2,4-Trichlorobenzene	ND	5.0	ug/Kg	1.00	06/03/2004 14:31	
1,1,1-Trichloroethane	ND	5.0	ug/Kg	1.00	06/03/2004 14:31	
1,1,2-Trichloroethane	ND	5.0	ug/Kg	1.00	06/03/2004 14:31	
Trichloroethene	ND	5.0	ug/Kg	1.00	06/03/2004 14:31	
Trichlorofluoromethane	ND	5.0	ug/Kg	1.00	06/03/2004 14:31	

SEVERN TRENT STL

Submission #: 2004-05-0971

Volatile Organic Compounds by 8260B (Low Level)

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Project: 869-4A
Milpitas Sewage

Received: 05/27/2004 17:53

Prep(s): 5035 Test(s): 8260B
Sample ID: B-4 13-13.5` Lab ID: 2004-05-0971 - 1
Sampled: 05/27/2004 Extracted: 6/3/2004 14:31
Matrix: Soil QC Batch#: 2004/06/03-01.06

Compound	Conc.	RL	Unit	Dilution	Analyzed	Flag
Trichlorotrifluoroethane	ND	5.0	ug/Kg	1.00	06/03/2004 14:31	
1,2,4-Trimethylbenzene	ND	5.0	ug/Kg	1.00	06/03/2004 14:31	
1,3,5-Trimethylbenzene	ND	5.0	ug/Kg	1.00	06/03/2004 14:31	
Vinyl acetate	ND	50	ug/Kg	1.00	06/03/2004 14:31	
Vinyl chloride	ND	5.0	ug/Kg	1.00	06/03/2004 14:31	
Total xylenes	ND	5.0	ug/Kg	1.00	06/03/2004 14:31	
Surrogate(s)						
4-Bromofluorobenzene	101.1	74-121	%	1.00	06/03/2004 14:31	
1,2-Dichloroethane-d4	99.2	70-121	%	1.00	06/03/2004 14:31	
Toluene-d8	95.2	81-117	%	1.00	06/03/2004 14:31	

Volatile Organic Compounds by 8260B (Low Level)

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Project: 869-4A
Milpitas Sewage

Received: 05/27/2004 17:53

Prep(s): 5035 | Test(s): 8260B
Sample ID: **B-5 13-13.5'** | Lab ID: 2004-05-0971 - 2
Sampled: 05/27/2004 | Extracted: 6/3/2004 15:06
Matrix: Soil | QC Batch#: 2004/06/03-01.06

Compound	Conc.	RL	Unit	Dilution	Analyzed	Flag
MTBE	ND	5.0	ug/Kg	1.00	06/03/2004 15:06	
Acetone	ND	50	ug/Kg	1.00	06/03/2004 15:06	
Benzene	ND	5.0	ug/Kg	1.00	06/03/2004 15:06	
Bromodichloromethane	ND	5.0	ug/Kg	1.00	06/03/2004 15:06	
Bromobenzene	ND	5.0	ug/Kg	1.00	06/03/2004 15:06	
Bromochloromethane	ND	20	ug/Kg	1.00	06/03/2004 15:06	
Bromoform	ND	5.0	ug/Kg	1.00	06/03/2004 15:06	
Bromomethane	ND	10	ug/Kg	1.00	06/03/2004 15:06	
2-Butanone(MEK)	ND	50	ug/Kg	1.00	06/03/2004 15:06	
n-Butylbenzene	ND	5.0	ug/Kg	1.00	06/03/2004 15:06	
sec-Butylbenzene	ND	5.0	ug/Kg	1.00	06/03/2004 15:06	
tert-Butylbenzene	ND	5.0	ug/Kg	1.00	06/03/2004 15:06	
Carbon disulfide	ND	5.0	ug/Kg	1.00	06/03/2004 15:06	
Carbon tetrachloride	ND	5.0	ug/Kg	1.00	06/03/2004 15:06	
Chlorobenzene	ND	5.0	ug/Kg	1.00	06/03/2004 15:06	
Chloroethane	ND	10	ug/Kg	1.00	06/03/2004 15:06	
2-Chloroethylvinyl ether	ND	50	ug/Kg	1.00	06/03/2004 15:06	
Chloroform	ND	5.0	ug/Kg	1.00	06/03/2004 15:06	
Chloromethane	ND	10	ug/Kg	1.00	06/03/2004 15:06	
2-Chlorotoluene	ND	5.0	ug/Kg	1.00	06/03/2004 15:06	
4-Chlorotoluene	ND	5.0	ug/Kg	1.00	06/03/2004 15:06	
Dibromochloromethane	ND	5.0	ug/Kg	1.00	06/03/2004 15:06	
1,2-Dichlorobenzene	ND	5.0	ug/Kg	1.00	06/03/2004 15:06	
1,3-Dichlorobenzene	ND	5.0	ug/Kg	1.00	06/03/2004 15:06	
1,4-Dichlorobenzene	ND	5.0	ug/Kg	1.00	06/03/2004 15:06	
1,3-Dichloropropane	ND	5.0	ug/Kg	1.00	06/03/2004 15:06	
2,2-Dichloropropane	ND	5.0	ug/Kg	1.00	06/03/2004 15:06	
1,1-Dichloropropene	ND	5.0	ug/Kg	1.00	06/03/2004 15:06	
1,2-Dibromo-3-chloropropane	ND	50	ug/Kg	1.00	06/03/2004 15:06	
1,2-Dibromoethane	ND	10	ug/Kg	1.00	06/03/2004 15:06	

SEVERN TRENT STL

Submission #: 2004-05-0971

Volatile Organic Compounds by 8260B (Low Level)

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Project: 869-4A
Milpitas Sewage

Received: 05/27/2004 17:53

Prep(s): 5035 | Test(s): 8260B
Sample ID: **B-5 13-13.5'** | Lab ID: 2004-05-0971 - 2
Sampled: 05/27/2004 | Extracted: 6/3/2004 15:06
Matrix: Soil | QC Batch#: 2004/06/03-01.06

Compound	Conc.	RL	Unit	Dilution	Analyzed	Flag
Dibromomethane	ND	10	ug/Kg	1.00	06/03/2004 15:06	
Dichlorodifluoromethane	ND	10	ug/Kg	1.00	06/03/2004 15:06	
1,1-Dichloroethane	ND	5.0	ug/Kg	1.00	06/03/2004 15:06	
1,2-Dichloroethane	ND	5.0	ug/Kg	1.00	06/03/2004 15:06	
1,1-Dichloroethene	ND	5.0	ug/Kg	1.00	06/03/2004 15:06	
cis-1,2-Dichloroethene	ND	5.0	ug/Kg	1.00	06/03/2004 15:06	
trans-1,2-Dichloroethene	ND	5.0	ug/Kg	1.00	06/03/2004 15:06	
1,2-Dichloropropane	ND	5.0	ug/Kg	1.00	06/03/2004 15:06	
cis-1,3-Dichloropropene	ND	5.0	ug/Kg	1.00	06/03/2004 15:06	
trans-1,3-Dichloropropene	ND	5.0	ug/Kg	1.00	06/03/2004 15:06	
Ethylbenzene	ND	5.0	ug/Kg	1.00	06/03/2004 15:06	
Hexachlorobutadiene	ND	5.0	ug/Kg	1.00	06/03/2004 15:06	
2-Hexanone	ND	50	ug/Kg	1.00	06/03/2004 15:06	
Isopropylbenzene	ND	5.0	ug/Kg	1.00	06/03/2004 15:06	
p-Isopropyltoluene	ND	5.0	ug/Kg	1.00	06/03/2004 15:06	
Methylene chloride	ND	10	ug/Kg	1.00	06/03/2004 15:06	
4-Methyl-2-pentanone (MIBK)	ND	50	ug/Kg	1.00	06/03/2004 15:06	
Naphthalene	ND	10	ug/Kg	1.00	06/03/2004 15:06	
n-Propylbenzene	ND	5.0	ug/Kg	1.00	06/03/2004 15:06	
Styrene	ND	5.0	ug/Kg	1.00	06/03/2004 15:06	
1,1,1,2-Tetrachloroethane	ND	5.0	ug/Kg	1.00	06/03/2004 15:06	
1,1,2,2-Tetrachloroethane	ND	5.0	ug/Kg	1.00	06/03/2004 15:06	
Tetrachloroethene	ND	5.0	ug/Kg	1.00	06/03/2004 15:06	
Toluene	ND	5.0	ug/Kg	1.00	06/03/2004 15:06	
1,2,3-Trichlorobenzene	ND	5.0	ug/Kg	1.00	06/03/2004 15:06	
1,2,4-Trichlorobenzene	ND	5.0	ug/Kg	1.00	06/03/2004 15:06	
1,1,1-Trichloroethane	ND	5.0	ug/Kg	1.00	06/03/2004 15:06	
1,1,2-Trichloroethane	ND	5.0	ug/Kg	1.00	06/03/2004 15:06	
Trichloroethene	ND	5.0	ug/Kg	1.00	06/03/2004 15:06	
Trichlorofluoromethane	ND	5.0	ug/Kg	1.00	06/03/2004 15:06	

Volatile Organic Compounds by 8260B (Low Level)

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Project: 869-4A
Milpitas Sewage

Received: 05/27/2004 17:53

Prep(s): 5035 | Test(s): 8260B
Sample ID: **B-5 13-13.5`** | Lab ID: 2004-05-0971 - 2
Sampled: 05/27/2004 | Extracted: 6/3/2004 15:06
Matrix: Soil | QC Batch#: 2004/06/03-01.06

Compound	Conc.	RL	Unit	Dilution	Analyzed	Flag
Trichlorotrifluoroethane	ND	5.0	ug/Kg	1.00	06/03/2004 15:06	
1,2,4-Trimethylbenzene	ND	5.0	ug/Kg	1.00	06/03/2004 15:06	
1,3,5-Trimethylbenzene	ND	5.0	ug/Kg	1.00	06/03/2004 15:06	
Vinyl acetate	ND	50	ug/Kg	1.00	06/03/2004 15:06	
Vinyl chloride	ND	5.0	ug/Kg	1.00	06/03/2004 15:06	
Total xylenes	ND	5.0	ug/Kg	1.00	06/03/2004 15:06	
Surrogate(s)						
4-Bromofluorobenzene	98.4	74-121	%	1.00	06/03/2004 15:06	
1,2-Dichloroethane-d4	105.1	70-121	%	1.00	06/03/2004 15:06	
Toluene-d8	96.2	81-117	%	1.00	06/03/2004 15:06	

Volatile Organic Compounds by 8260B (Low Level)

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Milpitas Sewage

Received: 05/27/2004 17:53

Prep(s): 5035 | Test(s): 8260B
Sample ID: **B-6 13-13.5`** | Lab ID: 2004-05-0971 - 3
Sampled: 05/27/2004 | Extracted: 6/4/2004 12:08
Matrix: Soil | QC Batch#: 2004/06/04-01.09

Compound	Conc.	RL	Unit	Dilution	Analyzed	Flag
MTBE	ND	5.0	ug/Kg	1.00	06/04/2004 12:08	
Acetone	ND	50	ug/Kg	1.00	06/04/2004 12:08	
Benzene	ND	5.0	ug/Kg	1.00	06/04/2004 12:08	
Bromodichloromethane	ND	5.0	ug/Kg	1.00	06/04/2004 12:08	
Bromobenzene	ND	5.0	ug/Kg	1.00	06/04/2004 12:08	
Bromochloromethane	ND	20	ug/Kg	1.00	06/04/2004 12:08	
Bromoform	ND	5.0	ug/Kg	1.00	06/04/2004 12:08	
Bromomethane	ND	10	ug/Kg	1.00	06/04/2004 12:08	
2-Butanone(MEK)	ND	50	ug/Kg	1.00	06/04/2004 12:08	
n-Butylbenzene	ND	5.0	ug/Kg	1.00	06/04/2004 12:08	
sec-Butylbenzene	ND	5.0	ug/Kg	1.00	06/04/2004 12:08	
tert-Butylbenzene	ND	5.0	ug/Kg	1.00	06/04/2004 12:08	
Carbon disulfide	ND	5.0	ug/Kg	1.00	06/04/2004 12:08	
Carbon tetrachloride	ND	5.0	ug/Kg	1.00	06/04/2004 12:08	
Chlorobenzene	ND	5.0	ug/Kg	1.00	06/04/2004 12:08	
Chloroethane	ND	10	ug/Kg	1.00	06/04/2004 12:08	
2-Chloroethylvinyl ether	ND	50	ug/Kg	1.00	06/04/2004 12:08	
Chloroform	ND	5.0	ug/Kg	1.00	06/04/2004 12:08	
Chloromethane	ND	10	ug/Kg	1.00	06/04/2004 12:08	
2-Chlorotoluene	ND	5.0	ug/Kg	1.00	06/04/2004 12:08	
4-Chlorotoluene	ND	5.0	ug/Kg	1.00	06/04/2004 12:08	
Dibromochloromethane	ND	5.0	ug/Kg	1.00	06/04/2004 12:08	
1,2-Dichlorobenzene	ND	5.0	ug/Kg	1.00	06/04/2004 12:08	
1,3-Dichlorobenzene	ND	5.0	ug/Kg	1.00	06/04/2004 12:08	
1,4-Dichlorobenzene	ND	5.0	ug/Kg	1.00	06/04/2004 12:08	
1,3-Dichloropropane	ND	5.0	ug/Kg	1.00	06/04/2004 12:08	
2,2-Dichloropropane	ND	5.0	ug/Kg	1.00	06/04/2004 12:08	
1,1-Dichloropropene	ND	5.0	ug/Kg	1.00	06/04/2004 12:08	
1,2-Dibromo-3-chloropropane	ND	50	ug/Kg	1.00	06/04/2004 12:08	
1,2-Dibromoethane	ND	10	ug/Kg	1.00	06/04/2004 12:08	

Volatile Organic Compounds by 8260B (Low Level)

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Project: 869-4A
Milpitas Sewage

Received: 05/27/2004 17:53

Prep(s): 5035 | Test(s): 8260B
Sample ID: **B-6 13-13.5`** | Lab ID: 2004-05-0971 - 3
Sampled: 05/27/2004 | Extracted: 6/4/2004 12:08
Matrix: Soil | QC Batch#: 2004/06/04-01.09

Compound	Conc.	RL	Unit	Dilution	Analyzed	Flag
Dibromomethane	ND	10	ug/Kg	1.00	06/04/2004 12:08	
Dichlorodifluoromethane	ND	10	ug/Kg	1.00	06/04/2004 12:08	
1,1-Dichloroethane	ND	5.0	ug/Kg	1.00	06/04/2004 12:08	
1,2-Dichloroethane	ND	5.0	ug/Kg	1.00	06/04/2004 12:08	
1,1-Dichloroethene	ND	5.0	ug/Kg	1.00	06/04/2004 12:08	
cis-1,2-Dichloroethene	ND	5.0	ug/Kg	1.00	06/04/2004 12:08	
trans-1,2-Dichloroethene	ND	5.0	ug/Kg	1.00	06/04/2004 12:08	
1,2-Dichloropropane	ND	5.0	ug/Kg	1.00	06/04/2004 12:08	
cis-1,3-Dichloropropene	ND	5.0	ug/Kg	1.00	06/04/2004 12:08	
trans-1,3-Dichloropropene	ND	5.0	ug/Kg	1.00	06/04/2004 12:08	
Ethylbenzene	ND	5.0	ug/Kg	1.00	06/04/2004 12:08	
Hexachlorobutadiene	ND	5.0	ug/Kg	1.00	06/04/2004 12:08	
2-Hexanone	ND	50	ug/Kg	1.00	06/04/2004 12:08	
Isopropylbenzene	ND	5.0	ug/Kg	1.00	06/04/2004 12:08	
p-Isopropyltoluene	ND	5.0	ug/Kg	1.00	06/04/2004 12:08	
Methylene chloride	ND	10	ug/Kg	1.00	06/04/2004 12:08	
4-Methyl-2-pentanone (MIBK)	ND	50	ug/Kg	1.00	06/04/2004 12:08	
Naphthalene	ND	10	ug/Kg	1.00	06/04/2004 12:08	
n-Propylbenzene	ND	5.0	ug/Kg	1.00	06/04/2004 12:08	
Styrene	ND	5.0	ug/Kg	1.00	06/04/2004 12:08	
1,1,1,2-Tetrachloroethane	ND	5.0	ug/Kg	1.00	06/04/2004 12:08	
1,1,2,2-Tetrachloroethane	ND	5.0	ug/Kg	1.00	06/04/2004 12:08	
Tetrachloroethene	ND	5.0	ug/Kg	1.00	06/04/2004 12:08	
Toluene	ND	5.0	ug/Kg	1.00	06/04/2004 12:08	
1,2,3-Trichlorobenzene	ND	5.0	ug/Kg	1.00	06/04/2004 12:08	
1,2,4-Trichlorobenzene	ND	5.0	ug/Kg	1.00	06/04/2004 12:08	
1,1,1-Trichloroethane	ND	5.0	ug/Kg	1.00	06/04/2004 12:08	
1,1,2-Trichloroethane	ND	5.0	ug/Kg	1.00	06/04/2004 12:08	
Trichloroethene	ND	5.0	ug/Kg	1.00	06/04/2004 12:08	
Trichlorofluoromethane	ND	5.0	ug/Kg	1.00	06/04/2004 12:08	

SEVERN TRENT STL

Submission #: 2004-05-0971

Volatile Organic Compounds by 8260B (Low Level)

Lowney & Associates Mountain View
Attn.: Stason Foster

405 Clyde Ave
Mountain View, CA 94043-2209
Phone: (650) 967-2365 Fax: (650) 967-2785

Project: 869-4A
Milpitas Sewage

Received: 05/27/2004 17:53

Prep(s): 5035 | Test(s): 8260B
Sample ID: **B-6 13-13.5`** | Lab ID: 2004-05-0971 - 3
Sampled: 05/27/2004 | Extracted: 6/4/2004 12:08
Matrix: Soil | QC Batch#: 2004/06/04-01.09

Compound	Conc.	RL	Unit	Dilution	Analyzed	Flag
Trichlorotrifluoroethane	ND	5.0	ug/Kg	1.00	06/04/2004 12:08	
1,2,4-Trimethylbenzene	ND	5.0	ug/Kg	1.00	06/04/2004 12:08	
1,3,5-Trimethylbenzene	ND	5.0	ug/Kg	1.00	06/04/2004 12:08	
Vinyl acetate	ND	50	ug/Kg	1.00	06/04/2004 12:08	
Vinyl chloride	ND	5.0	ug/Kg	1.00	06/04/2004 12:08	
Total xylenes	ND	5.0	ug/Kg	1.00	06/04/2004 12:08	
Surrogate(s)						
4-Bromofluorobenzene	97.8	74-121	%	1.00	06/04/2004 12:08	
1,2-Dichloroethane-d4	99.9	70-121	%	1.00	06/04/2004 12:08	
Toluene-d8	99.0	81-117	%	1.00	06/04/2004 12:08	

Volatile Organic Compounds by 8260B (Low Level)

Lowney & Associates Mountain View
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Project: 869-4A
Milpitas Sewage

Received: 05/27/2004 17:53

Batch QC Report

Prep(s): 5035
Method Blank **Soil**
MB: 2004/06/03-01.06-005

Test(s): 8260B
QC Batch # 2004/06/03-01.06
Date Extracted: 06/03/2004 11:50

Compound	Conc.	RL	Unit	Analyzed	Flag
MTBE	ND	5.0	ug/Kg	06/03/2004 11:50	
Acetone	ND	50	ug/Kg	06/03/2004 11:50	
Benzene	ND	5.0	ug/Kg	06/03/2004 11:50	
Bromodichloromethane	ND	5.0	ug/Kg	06/03/2004 11:50	
Bromobenzene	ND	5.0	ug/Kg	06/03/2004 11:50	
Bromochloromethane	ND	20	ug/Kg	06/03/2004 11:50	
Bromoform	ND	5.0	ug/Kg	06/03/2004 11:50	
Bromomethane	ND	10	ug/Kg	06/03/2004 11:50	
2-Butanone(MEK)	ND	50	ug/Kg	06/03/2004 11:50	
n-Butylbenzene	ND	5.0	ug/Kg	06/03/2004 11:50	
sec-Butylbenzene	ND	5.0	ug/Kg	06/03/2004 11:50	
tert-Butylbenzene	ND	5.0	ug/Kg	06/03/2004 11:50	
Carbon disulfide	ND	5.0	ug/Kg	06/03/2004 11:50	
Carbon tetrachloride	ND	5.0	ug/Kg	06/03/2004 11:50	
Chlorobenzene	ND	5.0	ug/Kg	06/03/2004 11:50	
Chloroethane	ND	10	ug/Kg	06/03/2004 11:50	
2-Chloroethylvinyl ether	ND	50	ug/Kg	06/03/2004 11:50	
Chloroform	ND	5.0	ug/Kg	06/03/2004 11:50	
Chloromethane	ND	10	ug/Kg	06/03/2004 11:50	
2-Chlorotoluene	ND	5.0	ug/Kg	06/03/2004 11:50	
4-Chlorotoluene	ND	5.0	ug/Kg	06/03/2004 11:50	
Dibromochloromethane	ND	5.0	ug/Kg	06/03/2004 11:50	
1,2-Dichlorobenzene	ND	5.0	ug/Kg	06/03/2004 11:50	
1,3-Dichlorobenzene	ND	5.0	ug/Kg	06/03/2004 11:50	
1,4-Dichlorobenzene	ND	5.0	ug/Kg	06/03/2004 11:50	
1,3-Dichloropropane	ND	5.0	ug/Kg	06/03/2004 11:50	
2,2-Dichloropropane	ND	5.0	ug/Kg	06/03/2004 11:50	
1,1-Dichloropropene	ND	5.0	ug/Kg	06/03/2004 11:50	
1,2-Dibromo-3-chloropropane	ND	50	ug/Kg	06/03/2004 11:50	
1,2-Dibromoethane	ND	10	ug/Kg	06/03/2004 11:50	

SEVERN TRENT STL

Submission #: 2004-05-0971

Volatile Organic Compounds by 8260B (Low Level)

Lowney & Associates Mountain View
Attn.: Stason Foster

405 Clyde Ave
Mountain View, CA 94043-2209
Phone: (650) 967-2365 Fax: (650) 967-2785

Project: 869-4A
Milpitas Sewage

Received: 05/27/2004 17:53

Batch QC Report

Prep(s): 5035
Method Blank Soil
MB: 2004/06/03-01.06-005

Test(s): 8260B
QC Batch # 2004/06/03-01.06
Date Extracted: 06/03/2004 11:50

Compound	Conc.	RL	Unit	Analyzed	Flag
Dibromomethane	ND	10	ug/Kg	06/03/2004 11:50	
Dichlorodifluoromethane	ND	10	ug/Kg	06/03/2004 11:50	
1,1-Dichloroethane	ND	5.0	ug/Kg	06/03/2004 11:50	
1,2-Dichloroethane	ND	5.0	ug/Kg	06/03/2004 11:50	
1,1-Dichloroethene	ND	5.0	ug/Kg	06/03/2004 11:50	
cis-1,2-Dichloroethene	ND	5.0	ug/Kg	06/03/2004 11:50	
trans-1,2-Dichloroethene	ND	5.0	ug/Kg	06/03/2004 11:50	
1,2-Dichloropropane	ND	5.0	ug/Kg	06/03/2004 11:50	
cis-1,3-Dichloropropene	ND	5.0	ug/Kg	06/03/2004 11:50	
trans-1,3-Dichloropropene	ND	5.0	ug/Kg	06/03/2004 11:50	
Ethylbenzene	ND	5.0	ug/Kg	06/03/2004 11:50	
Hexachlorobutadiene	ND	5.0	ug/Kg	06/03/2004 11:50	
2-Hexanone	ND	50	ug/Kg	06/03/2004 11:50	
Isopropylbenzene	ND	5.0	ug/Kg	06/03/2004 11:50	
p-Isopropyltoluene	ND	5.0	ug/Kg	06/03/2004 11:50	
Methylene chloride	ND	10	ug/Kg	06/03/2004 11:50	
4-Methyl-2-pentanone (MIBK)	ND	50	ug/Kg	06/03/2004 11:50	
Naphthalene	ND	10	ug/Kg	06/03/2004 11:50	
n-Propylbenzene	ND	5.0	ug/Kg	06/03/2004 11:50	
Styrene	ND	5.0	ug/Kg	06/03/2004 11:50	
1,1,1,2-Tetrachloroethane	ND	5.0	ug/Kg	06/03/2004 11:50	
1,1,2,2-Tetrachloroethane	ND	5.0	ug/Kg	06/03/2004 11:50	
Tetrachloroethene	ND	5.0	ug/Kg	06/03/2004 11:50	
Toluene	ND	5.0	ug/Kg	06/03/2004 11:50	
1,2,3-Trichlorobenzene	ND	5.0	ug/Kg	06/03/2004 11:50	
1,2,4-Trichlorobenzene	ND	5.0	ug/Kg	06/03/2004 11:50	
1,1,1-Trichloroethane	ND	5.0	ug/Kg	06/03/2004 11:50	
1,1,2-Trichloroethane	ND	5.0	ug/Kg	06/03/2004 11:50	
Trichloroethene	ND	5.0	ug/Kg	06/03/2004 11:50	
Trichlorofluoromethane	ND	5.0	ug/Kg	06/03/2004 11:50	
Trichlorotrifluoroethane	ND	5.0	ug/Kg	06/03/2004 11:50	

Volatile Organic Compounds by 8260B (Low Level)

Lowney & Associates Mountain View
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Project: 869-4A
Milpitas Sewage

Received: 05/27/2004 17:53

Batch QC Report

Prep(s): 5035 Test(s): 8260B

Method Blank **Soil** **QC Batch # 2004/06/03-01.06**

MB: 2004/06/03-01.06-005 Date Extracted: 06/03/2004 11:50

Compound	Conc.	RL	Unit	Analyzed	Flag
1,2,4-Trimethylbenzene	ND	5.0	ug/Kg	06/03/2004 11:50	
1,3,5-Trimethylbenzene	ND	5.0	ug/Kg	06/03/2004 11:50	
Vinyl acetate	ND	50	ug/Kg	06/03/2004 11:50	
Vinyl chloride	ND	5.0	ug/Kg	06/03/2004 11:50	
Total xylenes	ND	5.0	ug/Kg	06/03/2004 11:50	
Surrogates(s)					
4-Bromofluorobenzene	89.2	74-121	%	06/03/2004 11:50	
1,2-Dichloroethane-d4	104.8	70-121	%	06/03/2004 11:50	
Toluene-d8	94.4	81-117	%	06/03/2004 11:50	

Volatile Organic Compounds by 8260B (Low Level)

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Project: 869-4A
Milpitas Sewage

Received: 05/27/2004 17:53

Batch QC Report

Prep(s): 5035 Test(s): 8260B

Method Blank **Soil** **QC Batch # 2004/06/04-01.09**

MB: 2004/06/04-01.09-004 Date Extracted: 06/04/2004 11:02

Compound	Conc.	RL	Unit	Analyzed	Flag
MTBE	ND	5.0	ug/Kg	06/04/2004 11:02	
Acetone	ND	50	ug/Kg	06/04/2004 11:02	
Benzene	ND	5.0	ug/Kg	06/04/2004 11:02	
Bromodichloromethane	ND	5.0	ug/Kg	06/04/2004 11:02	
Bromobenzene	ND	5.0	ug/Kg	06/04/2004 11:02	
Bromochloromethane	ND	20	ug/Kg	06/04/2004 11:02	
Bromoform	ND	5.0	ug/Kg	06/04/2004 11:02	
Bromomethane	ND	10	ug/Kg	06/04/2004 11:02	
2-Butanone(MEK)	ND	50	ug/Kg	06/04/2004 11:02	
n-Butylbenzene	ND	5.0	ug/Kg	06/04/2004 11:02	
sec-Butylbenzene	ND	5.0	ug/Kg	06/04/2004 11:02	
tert-Butylbenzene	ND	5.0	ug/Kg	06/04/2004 11:02	
Carbon disulfide	ND	5.0	ug/Kg	06/04/2004 11:02	
Carbon tetrachloride	ND	5.0	ug/Kg	06/04/2004 11:02	
Chlorobenzene	ND	5.0	ug/Kg	06/04/2004 11:02	
Chloroethane	ND	10	ug/Kg	06/04/2004 11:02	
2-Chloroethylvinyl ether	ND	50	ug/Kg	06/04/2004 11:02	
Chloroform	ND	5.0	ug/Kg	06/04/2004 11:02	
Chloromethane	ND	10	ug/Kg	06/04/2004 11:02	
2-Chlorotoluene	ND	5.0	ug/Kg	06/04/2004 11:02	
4-Chlorotoluene	ND	5.0	ug/Kg	06/04/2004 11:02	
Dibromochloromethane	ND	5.0	ug/Kg	06/04/2004 11:02	
1,2-Dichlorobenzene	ND	5.0	ug/Kg	06/04/2004 11:02	
1,3-Dichlorobenzene	ND	5.0	ug/Kg	06/04/2004 11:02	
1,4-Dichlorobenzene	ND	5.0	ug/Kg	06/04/2004 11:02	
1,3-Dichloropropane	ND	5.0	ug/Kg	06/04/2004 11:02	
2,2-Dichloropropane	ND	5.0	ug/Kg	06/04/2004 11:02	
1,1-Dichloropropene	ND	5.0	ug/Kg	06/04/2004 11:02	
1,2-Dibromo-3-chloropropane	ND	50	ug/Kg	06/04/2004 11:02	
1,2-Dibromoethane	ND	10	ug/Kg	06/04/2004 11:02	
Dibromomethane	ND	10	ug/Kg	06/04/2004 11:02	

Volatile Organic Compounds by 8260B (Low Level)

Lowney & Associates Mountain View
Attn.: Stason Foster

405 Clyde Ave
Mountain View, CA 94043-2209
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Project: 869-4A
Milpitas Sewage

Received: 05/27/2004 17:53

Batch QC Report

Prep(s): 5035 — Test(s): 8260B

Method Blank — **Soil** — **QC Batch # 2004/06/04-01.09**

MB: 2004/06/04-01.09-004 — Date Extracted: 06/04/2004 11:02

Compound	Conc.	RL	Unit	Analyzed	Flag
Dichlorodifluoromethane	ND	10	ug/Kg	06/04/2004 11:02	
1,1-Dichloroethane	ND	5.0	ug/Kg	06/04/2004 11:02	
1,2-Dichloroethane	ND	5.0	ug/Kg	06/04/2004 11:02	
1,1-Dichloroethene	ND	5.0	ug/Kg	06/04/2004 11:02	
cis-1,2-Dichloroethene	ND	5.0	ug/Kg	06/04/2004 11:02	
trans-1,2-Dichloroethene	ND	5.0	ug/Kg	06/04/2004 11:02	
1,2-Dichloropropane	ND	5.0	ug/Kg	06/04/2004 11:02	
cis-1,3-Dichloropropene	ND	5.0	ug/Kg	06/04/2004 11:02	
trans-1,3-Dichloropropene	ND	5.0	ug/Kg	06/04/2004 11:02	
Ethylbenzene	ND	5.0	ug/Kg	06/04/2004 11:02	
Hexachlorobutadiene	ND	5.0	ug/Kg	06/04/2004 11:02	
2-Hexanone	ND	50	ug/Kg	06/04/2004 11:02	
Isopropylbenzene	ND	5.0	ug/Kg	06/04/2004 11:02	
p-Isopropyltoluene	ND	5.0	ug/Kg	06/04/2004 11:02	
Methylene chloride	ND	10	ug/Kg	06/04/2004 11:02	
4-Methyl-2-pentanone (MIBK)	ND	50	ug/Kg	06/04/2004 11:02	
Naphthalene	ND	10	ug/Kg	06/04/2004 11:02	
n-Propylbenzene	ND	5.0	ug/Kg	06/04/2004 11:02	
Styrene	ND	5.0	ug/Kg	06/04/2004 11:02	
1,1,1,2-Tetrachloroethane	ND	5.0	ug/Kg	06/04/2004 11:02	
1,1,2,2-Tetrachloroethane	ND	5.0	ug/Kg	06/04/2004 11:02	
Tetrachloroethene	ND	5.0	ug/Kg	06/04/2004 11:02	
Toluene	ND	5.0	ug/Kg	06/04/2004 11:02	
1,2,3-Trichlorobenzene	ND	5.0	ug/Kg	06/04/2004 11:02	
1,2,4-Trichlorobenzene	ND	5.0	ug/Kg	06/04/2004 11:02	
1,1,1-Trichloroethane	ND	5.0	ug/Kg	06/04/2004 11:02	
1,1,2-Trichloroethane	ND	5.0	ug/Kg	06/04/2004 11:02	
Trichloroethene	ND	5.0	ug/Kg	06/04/2004 11:02	
Trichlorofluoromethane	ND	5.0	ug/Kg	06/04/2004 11:02	
Trichlorotrifluoroethane	ND	5.0	ug/Kg	06/04/2004 11:02	
1,2,4-Trimethylbenzene	ND	5.0	ug/Kg	06/04/2004 11:02	

SEVERN TRENT STL

Submission #: 2004-05-0971

Volatile Organic Compounds by 8260B (Low Level)

Lowney & Associates Mountain View
Attn.: Stason Foster

405 Clyde Ave
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Project: 869-4A
Milpitas Sewage

Received: 05/27/2004 17:53

Batch QC Report

Prep(s): 5035 — Test(s): 8260B

Method Blank — Soil — QC Batch # 2004/06/04-01.09

MB: 2004/06/04-01.09-004 — Date Extracted: 06/04/2004 11:02

Compound	Conc.	RL	Unit	Analyzed	Flag
1,3,5-Trimethylbenzene	ND	5.0	ug/Kg	06/04/2004 11:02	
Vinyl acetate	ND	50	ug/Kg	06/04/2004 11:02	
Vinyl chloride	ND	5.0	ug/Kg	06/04/2004 11:02	
Total xylenes	ND	5.0	ug/Kg	06/04/2004 11:02	
Surrogates(s)					
4-Bromofluorobenzene	101.0	74-121	%	06/04/2004 11:02	
1,2-Dichloroethane-d4	97.2	70-121	%	06/04/2004 11:02	
Toluene-d8	106.2	81-117	%	06/04/2004 11:02	

Volatile Organic Compounds by 8260B (Low Level)

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Project: 869-4A
Milpitas Sewage

Received: 05/27/2004 17:53

Batch QC Report

Prep(s): 5035

Test(s): 8260B

Laboratory Control Spike **Soil** **QC Batch # 2004/06/03-01.06**

LCS 2004/06/03-01.06-003 Extracted: 06/03/2004 Analyzed: 06/03/2004 10:39
LCSD 2004/06/03-01.06-004 Extracted: 06/03/2004 Analyzed: 06/03/2004 11:14

Compound	Conc. ug/Kg		Exp.Conc.	Recovery %		RPD	Ctrl.Limits %		Flags	
	LCS	LCSD		LCS	LCSD	%	Rec.	RPD	LCS	LCSD
Benzene	44.1	42.1	50.0	88.2	84.2	4.6	69-129	20		
Chlorobenzene	45.5	44.8	50.0	91.0	89.6	1.6	61-121	20		
1,1-Dichloroethene	45.0	41.1	50.0	90.0	82.2	9.1	65-125	20		
Toluene	44.6	42.1	50.0	89.2	84.2	5.8	70-130	20		
Trichloroethene	43.4	42.6	50.0	86.8	85.2	1.9	74-134	20		
Surrogates(s)										
4-Bromofluorobenzene	441	444	500	88.2	88.8		74-121			
1,2-Dichloroethane-d4	508	509	500	101.6	101.8		70-121			
Toluene-d8	479	465	500	95.8	93.0		81-117			

Volatile Organic Compounds by 8260B (Low Level)

Lowney & Associates Mountain View
Attn.: Stason Foster

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Project: 869-4A
Milpitas Sewage

Received: 05/27/2004 17:53

Batch QC Report

Prep(s): 5035

Test(s): 8260B

Laboratory Control Spike **Soil** **QC Batch # 2004/06/04-01.09**

LCS 2004/06/04-01.09-002 Extracted: 06/04/2004 Analyzed: 06/04/2004 09:56
LCSD 2004/06/04-01.09-003 Extracted: 06/04/2004 Analyzed: 06/04/2004 10:36

Compound	Conc. ug/Kg		Exp.Conc.	Recovery %		RPD	Ctrl.Limits %		Flags	
	LCS	LCSD		LCS	LCSD	%	Rec.	RPD	LCS	LCSD
Benzene	99.1	101	100.0	99.1	101.0	1.9	69-129	20		
Chlorobenzene	101	103	100.0	101.0	103.0	2.0	61-121	20		
1,1-Dichloroethene	70.7	76.0	100.0	70.7	76.0	7.2	65-125	20		
Toluene	96.1	96.6	100.0	96.1	96.6	0.5	70-130	20		
Trichloroethene	90.2	98.7	100.0	90.2	98.7	9.0	74-134	20		
Surrogates(s)										
4-Bromofluorobenzene	512	523	500	102.4	104.6		74-121			
1,2-Dichloroethane-d4	463	490	500	92.6	98.0		70-121			
Toluene-d8	517	536	500	103.4	107.2		81-117			

Semi-volatile analysis by GC/MS - EPA8270C

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Milpitas Sewage

Received: 05/27/2004 17:53

Samples Reported

Sample Name	Date Sampled	Matrix	Lab #
B-4 13-13.5`	05/27/2004	Soil	1
B-5 13-13.5`	05/27/2004	Soil	2
B-6 13-13.5`	05/27/2004	Soil	3
B-4 15`	05/27/2004	Water	4
B-5 15`	05/27/2004	Water	6

Semi-volatile analysis by GC/MS - EPA8270C

Lowney & Associates Mountain View
Attn.: Stason Foster

405 Clyde Ave
Mountain View, CA 94043-2209
Phone: (650) 967-2365 Fax: (650) 967-2785

Project: 869-4A
Milpitas Sewage

Received: 05/27/2004 17:53

Prep(s):	3550B/8270C	Test(s):	8270C
Sample ID:	**B-4 13-13.5`**	Lab ID:	2004-05-0971 - 1
Sampled:	05/27/2004	Extracted:	6/8/2004 09:09
Matrix:	Soil	QC Batch#:	2004/06/08-02.11

Compound	Conc.	RL	Unit	Dilution	Analyzed	Flag
Phenol	ND	0.067	mg/Kg	1.00	06/08/2004 15:24	
Bis(2-chloroethyl)ether	ND	0.067	mg/Kg	1.00	06/08/2004 15:24	
2-Chlorophenol	ND	0.067	mg/Kg	1.00	06/08/2004 15:24	
1,3-Dichlorobenzene	ND	0.067	mg/Kg	1.00	06/08/2004 15:24	
1,4-Dichlorobenzene	ND	0.067	mg/Kg	1.00	06/08/2004 15:24	
Benzyl alcohol	ND	0.17	mg/Kg	1.00	06/08/2004 15:24	
1,2-Dichlorobenzene	ND	0.067	mg/Kg	1.00	06/08/2004 15:24	
2-Methylphenol	ND	0.067	mg/Kg	1.00	06/08/2004 15:24	
Bis(2-chloroisopropyl) ether	ND	0.067	mg/Kg	1.00	06/08/2004 15:24	
4-Methylphenol	ND	0.067	mg/Kg	1.00	06/08/2004 15:24	
N-Nitroso-di-n-propylamine	ND	0.067	mg/Kg	1.00	06/08/2004 15:24	
Hexachloroethane	ND	0.067	mg/Kg	1.00	06/08/2004 15:24	
Nitrobenzene	ND	0.067	mg/Kg	1.00	06/08/2004 15:24	
Isophorone	ND	0.067	mg/Kg	1.00	06/08/2004 15:24	
2-Nitrophenol	ND	0.067	mg/Kg	1.00	06/08/2004 15:24	
2,4-Dimethylphenol	ND	0.067	mg/Kg	1.00	06/08/2004 15:24	
Bis(2-chloroethoxy) methane	ND	0.17	mg/Kg	1.00	06/08/2004 15:24	
2,4-Dichlorophenol	ND	0.067	mg/Kg	1.00	06/08/2004 15:24	
1,2,4-Trichlorobenzene	ND	0.067	mg/Kg	1.00	06/08/2004 15:24	
Naphthalene	ND	0.067	mg/Kg	1.00	06/08/2004 15:24	
4-Chloroaniline	ND	0.33	mg/Kg	1.00	06/08/2004 15:24	
Hexachlorobutadiene	ND	0.067	mg/Kg	1.00	06/08/2004 15:24	
4-Chloro-3-methylphenol	ND	0.17	mg/Kg	1.00	06/08/2004 15:24	
2-Methylnaphthalene	ND	0.067	mg/Kg	1.00	06/08/2004 15:24	
Hexachlorocyclopentadiene	ND	0.17	mg/Kg	1.00	06/08/2004 15:24	
2,4,6-Trichlorophenol	ND	0.067	mg/Kg	1.00	06/08/2004 15:24	
2,4,5-Trichlorophenol	ND	0.067	mg/Kg	1.00	06/08/2004 15:24	
2-Chloronaphthalene	ND	0.067	mg/Kg	1.00	06/08/2004 15:24	
2-Nitroaniline	ND	0.33	mg/Kg	1.00	06/08/2004 15:24	
Dimethyl phthalate	ND	0.17	mg/Kg	1.00	06/08/2004 15:24	

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Prep(s):	3550B/8270C	Test(s):	8270C
Sample ID:	**B-4 13-13.5'**	Lab ID:	2004-05-0971 - 1
Sampled:	05/27/2004	Extracted:	6/8/2004 09:09
Matrix:	Soil	QC Batch#:	2004/06/08-02.11

Compound	Conc.	RL	Unit	Dilution	Analyzed	Flag
Acenaphthylene	ND	0.067	mg/Kg	1.00	06/08/2004 15:24	
3-Nitroaniline	ND	0.067	mg/Kg	1.00	06/08/2004 15:24	
Acenaphthene	ND	0.067	mg/Kg	1.00	06/08/2004 15:24	
2,4-Dinitrophenol	ND	0.33	mg/Kg	1.00	06/08/2004 15:24	
4-Nitrophenol	ND	0.33	mg/Kg	1.00	06/08/2004 15:24	
Dibenzofuran	ND	0.067	mg/Kg	1.00	06/08/2004 15:24	
2,4-Dinitrotoluene	ND	0.067	mg/Kg	1.00	06/08/2004 15:24	
2,6-Dinitrotoluene	ND	0.067	mg/Kg	1.00	06/08/2004 15:24	
Diethyl phthalate	ND	0.17	mg/Kg	1.00	06/08/2004 15:24	
4-Chlorophenyl phenyl ether	ND	0.17	mg/Kg	1.00	06/08/2004 15:24	
Fluorene	ND	0.067	mg/Kg	1.00	06/08/2004 15:24	
4-Nitroaniline	ND	0.33	mg/Kg	1.00	06/08/2004 15:24	
2-Methyl-4,6-dinitrophenol	ND	0.33	mg/Kg	1.00	06/08/2004 15:24	
N-Nitrosodiphenylamine	ND	0.067	mg/Kg	1.00	06/08/2004 15:24	
4-Bromophenyl phenyl ether	ND	0.17	mg/Kg	1.00	06/08/2004 15:24	
Hexachlorobenzene	ND	0.067	mg/Kg	1.00	06/08/2004 15:24	
Pentachlorophenol	ND	0.33	mg/Kg	1.00	06/08/2004 15:24	
Phenanthrene	ND	0.067	mg/Kg	1.00	06/08/2004 15:24	
Anthracene	ND	0.067	mg/Kg	1.00	06/08/2004 15:24	
Di-n-butyl phthalate	ND	0.17	mg/Kg	1.00	06/08/2004 15:24	
Fluoranthene	ND	0.067	mg/Kg	1.00	06/08/2004 15:24	
Pyrene	ND	0.067	mg/Kg	1.00	06/08/2004 15:24	
Butyl benzyl phthalate	ND	0.17	mg/Kg	1.00	06/08/2004 15:24	
3,3-Dichlorobenzidine	ND	0.17	mg/Kg	1.00	06/08/2004 15:24	
Benzo(a)anthracene	ND	0.067	mg/Kg	1.00	06/08/2004 15:24	
bis(2-Ethylhexyl) phthalate	ND	0.33	mg/Kg	1.00	06/08/2004 15:24	
Chrysene	ND	0.067	mg/Kg	1.00	06/08/2004 15:24	
Di-n-octyl phthalate	ND	0.17	mg/Kg	1.00	06/08/2004 15:24	
Benzo(b)fluoranthene	ND	0.067	mg/Kg	1.00	06/08/2004 15:24	
Benzo(k)fluoranthene	ND	0.067	mg/Kg	1.00	06/08/2004 15:24	

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Prep(s):	3550B/8270C	Test(s):	8270C
Sample ID:	**B-4 13-13.5'**	Lab ID:	2004-05-0971 - 1
Sampled:	05/27/2004	Extracted:	6/8/2004 09:09
Matrix:	Soil	QC Batch#:	2004/06/08-02.11

Compound	Conc.	RL	Unit	Dilution	Analyzed	Flag
Benzo(a)pyrene	ND	0.067	mg/Kg	1.00	06/08/2004 15:24	
Indeno(1,2,3-c,d)pyrene	ND	0.067	mg/Kg	1.00	06/08/2004 15:24	
Dibenzo(a,h)anthracene	ND	0.067	mg/Kg	1.00	06/08/2004 15:24	
Benzo(g,h,i)perylene	ND	0.067	mg/Kg	1.00	06/08/2004 15:24	
Benzoic acid	ND	0.33	mg/Kg	1.00	06/08/2004 15:24	
Surrogate(s)						
Nitrobenzene-d5	68.8	23-120	%	1.00	06/08/2004 15:24	
2-Fluorobiphenyl	54.4	30-115	%	1.00	06/08/2004 15:24	
p-Terphenyl-d14	108.8	18-137	%	1.00	06/08/2004 15:24	
2-Fluorophenol	71.0	25-121	%	1.00	06/08/2004 15:24	
Phenol-d5	81.8	24-113	%	1.00	06/08/2004 15:24	
2,4,6-Tribromophenol	64.6	19-122	%	1.00	06/08/2004 15:24	

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Milpitas Sewage

Received: 05/27/2004 17:53

Prep(s):	3550B/8270C	Test(s):	8270C
Sample ID:	**B-5 13-13.5'**	Lab ID:	2004-05-0971 - 2
Sampled:	05/27/2004	Extracted:	6/8/2004 09:09
Matrix:	Soil	QC Batch#:	2004/06/08-02.11

Compound	Conc.	RL	Unit	Dilution	Analyzed	Flag
Phenol	ND	0.067	mg/Kg	1.00	06/08/2004 18:27	
Bis(2-chloroethyl)ether	ND	0.067	mg/Kg	1.00	06/08/2004 18:27	
2-Chlorophenol	ND	0.067	mg/Kg	1.00	06/08/2004 18:27	
1,3-Dichlorobenzene	ND	0.067	mg/Kg	1.00	06/08/2004 18:27	
1,4-Dichlorobenzene	ND	0.067	mg/Kg	1.00	06/08/2004 18:27	
Benzyl alcohol	ND	0.17	mg/Kg	1.00	06/08/2004 18:27	
1,2-Dichlorobenzene	ND	0.067	mg/Kg	1.00	06/08/2004 18:27	
2-Methylphenol	ND	0.067	mg/Kg	1.00	06/08/2004 18:27	
Bis(2-chloroisopropyl) ether	ND	0.067	mg/Kg	1.00	06/08/2004 18:27	
4-Methylphenol	ND	0.067	mg/Kg	1.00	06/08/2004 18:27	
N-Nitroso-di-n-propylamine	ND	0.067	mg/Kg	1.00	06/08/2004 18:27	
Hexachloroethane	ND	0.067	mg/Kg	1.00	06/08/2004 18:27	
Nitrobenzene	ND	0.067	mg/Kg	1.00	06/08/2004 18:27	
Isophorone	ND	0.067	mg/Kg	1.00	06/08/2004 18:27	
2-Nitrophenol	ND	0.067	mg/Kg	1.00	06/08/2004 18:27	
2,4-Dimethylphenol	ND	0.067	mg/Kg	1.00	06/08/2004 18:27	
Bis(2-chloroethoxy) methane	ND	0.17	mg/Kg	1.00	06/08/2004 18:27	
2,4-Dichlorophenol	ND	0.067	mg/Kg	1.00	06/08/2004 18:27	
1,2,4-Trichlorobenzene	ND	0.067	mg/Kg	1.00	06/08/2004 18:27	
Naphthalene	ND	0.067	mg/Kg	1.00	06/08/2004 18:27	
4-Chloroaniline	ND	0.33	mg/Kg	1.00	06/08/2004 18:27	
Hexachlorobutadiene	ND	0.067	mg/Kg	1.00	06/08/2004 18:27	
4-Chloro-3-methylphenol	ND	0.17	mg/Kg	1.00	06/08/2004 18:27	
2-Methylnaphthalene	ND	0.067	mg/Kg	1.00	06/08/2004 18:27	
Hexachlorocyclopentadiene	ND	0.17	mg/Kg	1.00	06/08/2004 18:27	
2,4,6-Trichlorophenol	ND	0.067	mg/Kg	1.00	06/08/2004 18:27	
2,4,5-Trichlorophenol	ND	0.067	mg/Kg	1.00	06/08/2004 18:27	
2-Chloronaphthalene	ND	0.067	mg/Kg	1.00	06/08/2004 18:27	
2-Nitroaniline	ND	0.33	mg/Kg	1.00	06/08/2004 18:27	
Dimethyl phthalate	ND	0.17	mg/Kg	1.00	06/08/2004 18:27	

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Sample ID:	**B-5 13-13.5'**	Lab ID:	2004-05-0971 - 2
Sampled:	05/27/2004	Extracted:	6/8/2004 09:09
Matrix:	Soil	QC Batch#:	2004/06/08-02.11

Compound	Conc.	RL	Unit	Dilution	Analyzed	Flag
Acenaphthylene	ND	0.067	mg/Kg	1.00	06/08/2004 18:27	
3-Nitroaniline	ND	0.067	mg/Kg	1.00	06/08/2004 18:27	
Acenaphthene	ND	0.067	mg/Kg	1.00	06/08/2004 18:27	
2,4-Dinitrophenol	ND	0.33	mg/Kg	1.00	06/08/2004 18:27	
4-Nitrophenol	ND	0.33	mg/Kg	1.00	06/08/2004 18:27	
Dibenzofuran	ND	0.067	mg/Kg	1.00	06/08/2004 18:27	
2,4-Dinitrotoluene	ND	0.067	mg/Kg	1.00	06/08/2004 18:27	
2,6-Dinitrotoluene	ND	0.067	mg/Kg	1.00	06/08/2004 18:27	
Diethyl phthalate	ND	0.17	mg/Kg	1.00	06/08/2004 18:27	
4-Chlorophenyl phenyl ether	ND	0.17	mg/Kg	1.00	06/08/2004 18:27	
Fluorene	ND	0.067	mg/Kg	1.00	06/08/2004 18:27	
4-Nitroaniline	ND	0.33	mg/Kg	1.00	06/08/2004 18:27	
2-Methyl-4,6-dinitrophenol	ND	0.33	mg/Kg	1.00	06/08/2004 18:27	
N-Nitrosodiphenylamine	ND	0.067	mg/Kg	1.00	06/08/2004 18:27	
4-Bromophenyl phenyl ether	ND	0.17	mg/Kg	1.00	06/08/2004 18:27	
Hexachlorobenzene	ND	0.067	mg/Kg	1.00	06/08/2004 18:27	
Pentachlorophenol	ND	0.33	mg/Kg	1.00	06/08/2004 18:27	
Phenanthrene	ND	0.067	mg/Kg	1.00	06/08/2004 18:27	
Anthracene	ND	0.067	mg/Kg	1.00	06/08/2004 18:27	
Di-n-butyl phthalate	ND	0.17	mg/Kg	1.00	06/08/2004 18:27	
Fluoranthene	ND	0.067	mg/Kg	1.00	06/08/2004 18:27	
Pyrene	ND	0.067	mg/Kg	1.00	06/08/2004 18:27	
Butyl benzyl phthalate	ND	0.17	mg/Kg	1.00	06/08/2004 18:27	
3,3-Dichlorobenzidine	ND	0.17	mg/Kg	1.00	06/08/2004 18:27	
Benzo(a)anthracene	ND	0.067	mg/Kg	1.00	06/08/2004 18:27	
bis(2-Ethylhexyl) phthalate	ND	0.33	mg/Kg	1.00	06/08/2004 18:27	
Chrysene	ND	0.067	mg/Kg	1.00	06/08/2004 18:27	
Di-n-octyl phthalate	ND	0.17	mg/Kg	1.00	06/08/2004 18:27	
Benzo(b)fluoranthene	ND	0.067	mg/Kg	1.00	06/08/2004 18:27	
Benzo(k)fluoranthene	ND	0.067	mg/Kg	1.00	06/08/2004 18:27	

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Milpitas Sewage

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Prep(s):	3550B/8270C	Test(s):	8270C
Sample ID:	**B-5 13-13.5'**	Lab ID:	2004-05-0971 - 2
Sampled:	05/27/2004	Extracted:	6/8/2004 09:09
Matrix:	Soil	QC Batch#:	2004/06/08-02.11

Compound	Conc.	RL	Unit	Dilution	Analyzed	Flag
Benzo(a)pyrene	ND	0.067	mg/Kg	1.00	06/08/2004 18:27	
Indeno(1,2,3-c,d)pyrene	ND	0.067	mg/Kg	1.00	06/08/2004 18:27	
Dibenzo(a,h)anthracene	ND	0.067	mg/Kg	1.00	06/08/2004 18:27	
Benzo(g,h,i)perylene	ND	0.067	mg/Kg	1.00	06/08/2004 18:27	
Benzoic acid	ND	0.33	mg/Kg	1.00	06/08/2004 18:27	
Surrogate(s)						
Nitrobenzene-d5	71.5	23-120	%	1.00	06/08/2004 18:27	
2-Fluorobiphenyl	70.8	30-115	%	1.00	06/08/2004 18:27	
p-Terphenyl-d14	77.9	18-137	%	1.00	06/08/2004 18:27	
2-Fluorophenol	76.1	25-121	%	1.00	06/08/2004 18:27	
Phenol-d5	98.0	24-113	%	1.00	06/08/2004 18:27	
2,4,6-Tribromophenol	78.5	19-122	%	1.00	06/08/2004 18:27	

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Prep(s):	3550B/8270C	Test(s):	8270C
Sample ID:	**B-6 13-13.5'**	Lab ID:	2004-05-0971 - 3
Sampled:	05/27/2004	Extracted:	6/8/2004 09:09
Matrix:	Soil	QC Batch#:	2004/06/08-02.11

Compound	Conc.	RL	Unit	Dilution	Analyzed	Flag
Phenol	ND	0.067	mg/Kg	1.00	06/08/2004 18:55	
Bis(2-chloroethyl)ether	ND	0.067	mg/Kg	1.00	06/08/2004 18:55	
2-Chlorophenol	ND	0.067	mg/Kg	1.00	06/08/2004 18:55	
1,3-Dichlorobenzene	ND	0.067	mg/Kg	1.00	06/08/2004 18:55	
1,4-Dichlorobenzene	ND	0.067	mg/Kg	1.00	06/08/2004 18:55	
Benzyl alcohol	ND	0.17	mg/Kg	1.00	06/08/2004 18:55	
1,2-Dichlorobenzene	ND	0.067	mg/Kg	1.00	06/08/2004 18:55	
2-Methylphenol	ND	0.067	mg/Kg	1.00	06/08/2004 18:55	
Bis(2-chloroisopropyl) ether	ND	0.067	mg/Kg	1.00	06/08/2004 18:55	
4-Methylphenol	ND	0.067	mg/Kg	1.00	06/08/2004 18:55	
N-Nitroso-di-n-propylamine	ND	0.067	mg/Kg	1.00	06/08/2004 18:55	
Hexachloroethane	ND	0.067	mg/Kg	1.00	06/08/2004 18:55	
Nitrobenzene	ND	0.067	mg/Kg	1.00	06/08/2004 18:55	
Isophorone	ND	0.067	mg/Kg	1.00	06/08/2004 18:55	
2-Nitrophenol	ND	0.067	mg/Kg	1.00	06/08/2004 18:55	
2,4-Dimethylphenol	ND	0.067	mg/Kg	1.00	06/08/2004 18:55	
Bis(2-chloroethoxy) methane	ND	0.17	mg/Kg	1.00	06/08/2004 18:55	
2,4-Dichlorophenol	ND	0.067	mg/Kg	1.00	06/08/2004 18:55	
1,2,4-Trichlorobenzene	ND	0.067	mg/Kg	1.00	06/08/2004 18:55	
Naphthalene	ND	0.067	mg/Kg	1.00	06/08/2004 18:55	
4-Chloroaniline	ND	0.33	mg/Kg	1.00	06/08/2004 18:55	
Hexachlorobutadiene	ND	0.067	mg/Kg	1.00	06/08/2004 18:55	
4-Chloro-3-methylphenol	ND	0.17	mg/Kg	1.00	06/08/2004 18:55	
2-Methylnaphthalene	ND	0.067	mg/Kg	1.00	06/08/2004 18:55	
Hexachlorocyclopentadiene	ND	0.17	mg/Kg	1.00	06/08/2004 18:55	
2,4,6-Trichlorophenol	ND	0.067	mg/Kg	1.00	06/08/2004 18:55	
2,4,5-Trichlorophenol	ND	0.067	mg/Kg	1.00	06/08/2004 18:55	
2-Chloronaphthalene	ND	0.067	mg/Kg	1.00	06/08/2004 18:55	
2-Nitroaniline	ND	0.33	mg/Kg	1.00	06/08/2004 18:55	
Dimethyl phthalate	ND	0.17	mg/Kg	1.00	06/08/2004 18:55	

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Received: 05/27/2004 17:53

Prep(s):	3550B/8270C	Test(s):	8270C
Sample ID:	**B-6 13-13.5'**	Lab ID:	2004-05-0971 - 3
Sampled:	05/27/2004	Extracted:	6/8/2004 09:09
Matrix:	Soil	QC Batch#:	2004/06/08-02.11

Compound	Conc.	RL	Unit	Dilution	Analyzed	Flag
Acenaphthylene	ND	0.067	mg/Kg	1.00	06/08/2004 18:55	
3-Nitroaniline	ND	0.067	mg/Kg	1.00	06/08/2004 18:55	
Acenaphthene	ND	0.067	mg/Kg	1.00	06/08/2004 18:55	
2,4-Dinitrophenol	ND	0.33	mg/Kg	1.00	06/08/2004 18:55	
4-Nitrophenol	ND	0.33	mg/Kg	1.00	06/08/2004 18:55	
Dibenzofuran	ND	0.067	mg/Kg	1.00	06/08/2004 18:55	
2,4-Dinitrotoluene	ND	0.067	mg/Kg	1.00	06/08/2004 18:55	
2,6-Dinitrotoluene	ND	0.067	mg/Kg	1.00	06/08/2004 18:55	
Diethyl phthalate	ND	0.17	mg/Kg	1.00	06/08/2004 18:55	
4-Chlorophenyl phenyl ether	ND	0.17	mg/Kg	1.00	06/08/2004 18:55	
Fluorene	ND	0.067	mg/Kg	1.00	06/08/2004 18:55	
4-Nitroaniline	ND	0.33	mg/Kg	1.00	06/08/2004 18:55	
2-Methyl-4,6-dinitrophenol	ND	0.33	mg/Kg	1.00	06/08/2004 18:55	
N-Nitrosodiphenylamine	ND	0.067	mg/Kg	1.00	06/08/2004 18:55	
4-Bromophenyl phenyl ether	ND	0.17	mg/Kg	1.00	06/08/2004 18:55	
Hexachlorobenzene	ND	0.067	mg/Kg	1.00	06/08/2004 18:55	
Pentachlorophenol	ND	0.33	mg/Kg	1.00	06/08/2004 18:55	
Phenanthrene	ND	0.067	mg/Kg	1.00	06/08/2004 18:55	
Anthracene	ND	0.067	mg/Kg	1.00	06/08/2004 18:55	
Di-n-butyl phthalate	ND	0.17	mg/Kg	1.00	06/08/2004 18:55	
Fluoranthene	ND	0.067	mg/Kg	1.00	06/08/2004 18:55	
Pyrene	ND	0.067	mg/Kg	1.00	06/08/2004 18:55	
Butyl benzyl phthalate	ND	0.17	mg/Kg	1.00	06/08/2004 18:55	
3,3-Dichlorobenzidine	ND	0.17	mg/Kg	1.00	06/08/2004 18:55	
Benzo(a)anthracene	ND	0.067	mg/Kg	1.00	06/08/2004 18:55	
bis(2-Ethylhexyl) phthalate	ND	0.33	mg/Kg	1.00	06/08/2004 18:55	
Chrysene	ND	0.067	mg/Kg	1.00	06/08/2004 18:55	
Di-n-octyl phthalate	ND	0.17	mg/Kg	1.00	06/08/2004 18:55	
Benzo(b)fluoranthene	ND	0.067	mg/Kg	1.00	06/08/2004 18:55	
Benzo(k)fluoranthene	ND	0.067	mg/Kg	1.00	06/08/2004 18:55	

Semi-volatile analysis by GC/MS - EPA8270C

Lowney & Associates Mountain View
Attn.: Stason Foster

405 Clyde Ave
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Phone: (650) 967-2365 Fax: (650) 967-2785

Project: 869-4A
Milpitas Sewage

Received: 05/27/2004 17:53

Prep(s):	3550B/8270C	Test(s):	8270C
Sample ID:	**B-6 13-13.5'**	Lab ID:	2004-05-0971 - 3
Sampled:	05/27/2004	Extracted:	6/8/2004 09:09
Matrix:	Soil	QC Batch#:	2004/06/08-02.11

Compound	Conc.	RL	Unit	Dilution	Analyzed	Flag
Benzo(a)pyrene	ND	0.067	mg/Kg	1.00	06/08/2004 18:55	
Indeno(1,2,3-c,d)pyrene	ND	0.067	mg/Kg	1.00	06/08/2004 18:55	
Dibenzo(a,h)anthracene	ND	0.067	mg/Kg	1.00	06/08/2004 18:55	
Benzo(g,h,i)perylene	ND	0.067	mg/Kg	1.00	06/08/2004 18:55	
Benzoic acid	ND	0.33	mg/Kg	1.00	06/08/2004 18:55	
Surrogate(s)						
Nitrobenzene-d5	68.3	23-120	%	1.00	06/08/2004 18:55	
2-Fluorobiphenyl	73.3	30-115	%	1.00	06/08/2004 18:55	
p-Terphenyl-d14	66.1	18-137	%	1.00	06/08/2004 18:55	
2-Fluorophenol	68.3	25-121	%	1.00	06/08/2004 18:55	
Phenol-d5	83.8	24-113	%	1.00	06/08/2004 18:55	
2,4,6-Tribromophenol	79.4	19-122	%	1.00	06/08/2004 18:55	

Semi-volatile analysis by GC/MS - EPA8270C

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Project: 869-4A
Milpitas Sewage

Received: 05/27/2004 17:53

Prep(s):	3510C/8270C	Test(s):	8270C
Sample ID:	**B-4 15'**	Lab ID:	2004-05-0971 - 4
Sampled:	05/27/2004	Extracted:	5/29/2004 07:16
Matrix:	Water	QC Batch#:	2004/05/29-01.11

Compound	Conc.	RL	Unit	Dilution	Analyzed	Flag
Phenol	ND	2.0	ug/L	1.00	06/01/2004 20:49	
Bis(2-chloroethyl)ether	ND	2.0	ug/L	1.00	06/01/2004 20:49	
2-Chlorophenol	ND	2.0	ug/L	1.00	06/01/2004 20:49	
1,3-Dichlorobenzene	ND	2.0	ug/L	1.00	06/01/2004 20:49	
1,4-Dichlorobenzene	ND	2.0	ug/L	1.00	06/01/2004 20:49	
Benzyl alcohol	ND	5.0	ug/L	1.00	06/01/2004 20:49	
1,2-Dichlorobenzene	ND	2.0	ug/L	1.00	06/01/2004 20:49	
2-Methylphenol	ND	2.0	ug/L	1.00	06/01/2004 20:49	
Bis(2-chloroisopropyl) ether	ND	2.0	ug/L	1.00	06/01/2004 20:49	
4-Methylphenol	ND	2.0	ug/L	1.00	06/01/2004 20:49	
N-Nitroso-di-n-propylamine	ND	2.0	ug/L	1.00	06/01/2004 20:49	
Hexachloroethane	ND	2.0	ug/L	1.00	06/01/2004 20:49	
Nitrobenzene	ND	2.0	ug/L	1.00	06/01/2004 20:49	
Isophorone	ND	2.0	ug/L	1.00	06/01/2004 20:49	
2-Nitrophenol	ND	2.0	ug/L	1.00	06/01/2004 20:49	
2,4-Dimethylphenol	ND	2.0	ug/L	1.00	06/01/2004 20:49	
Bis(2-chloroethoxy) methane	ND	5.0	ug/L	1.00	06/01/2004 20:49	
2,4-Dichlorophenol	ND	2.0	ug/L	1.00	06/01/2004 20:49	
1,2,4-Trichlorobenzene	ND	2.0	ug/L	1.00	06/01/2004 20:49	
Naphthalene	ND	2.0	ug/L	1.00	06/01/2004 20:49	
4-Chloroaniline	ND	2.0	ug/L	1.00	06/01/2004 20:49	
Hexachlorobutadiene	ND	2.0	ug/L	1.00	06/01/2004 20:49	
4-Chloro-3-methylphenol	ND	5.0	ug/L	1.00	06/01/2004 20:49	
2-Methylnaphthalene	ND	2.0	ug/L	1.00	06/01/2004 20:49	
Hexachlorocyclopentadiene	ND	5.0	ug/L	1.00	06/01/2004 20:49	
2,4,6-Trichlorophenol	ND	2.0	ug/L	1.00	06/01/2004 20:49	
2,4,5-Trichlorophenol	ND	2.0	ug/L	1.00	06/01/2004 20:49	
2-Chloronaphthalene	ND	2.0	ug/L	1.00	06/01/2004 20:49	
2-Nitroaniline	ND	10	ug/L	1.00	06/01/2004 20:49	
Dimethyl phthalate	ND	5.0	ug/L	1.00	06/01/2004 20:49	

SEVERN TRENT STL

Submission #: 2004-05-0971

Semi-volatile analysis by GC/MS - EPA8270C

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Project: 869-4A
Milpitas Sewage

Received: 05/27/2004 17:53

Prep(s):	3510C/8270C	Test(s):	8270C
Sample ID:	**B-4 15'**	Lab ID:	2004-05-0971 - 4
Sampled:	05/27/2004	Extracted:	5/29/2004 07:16
Matrix:	Water	QC Batch#:	2004/05/29-01.11

Compound	Conc.	RL	Unit	Dilution	Analyzed	Flag
Acenaphthylene	ND	2.0	ug/L	1.00	06/01/2004 20:49	
3-Nitroaniline	ND	2.0	ug/L	1.00	06/01/2004 20:49	
Acenaphthene	ND	2.0	ug/L	1.00	06/01/2004 20:49	
2,4-Dinitrophenol	ND	10	ug/L	1.00	06/01/2004 20:49	
4-Nitrophenol	ND	10	ug/L	1.00	06/01/2004 20:49	
Dibenzofuran	ND	2.0	ug/L	1.00	06/01/2004 20:49	
2,4-Dinitrotoluene	ND	2.0	ug/L	1.00	06/01/2004 20:49	
2,6-Dinitrotoluene	ND	5.0	ug/L	1.00	06/01/2004 20:49	
Diethyl phthalate	ND	5.0	ug/L	1.00	06/01/2004 20:49	
4-Chlorophenyl phenyl ether	ND	5.0	ug/L	1.00	06/01/2004 20:49	
Fluorene	ND	2.0	ug/L	1.00	06/01/2004 20:49	
4-Nitroaniline	ND	10	ug/L	1.00	06/01/2004 20:49	
2-Methyl-4,6-dinitrophenol	ND	10	ug/L	1.00	06/01/2004 20:49	
N-Nitrosodiphenylamine	ND	2.0	ug/L	1.00	06/01/2004 20:49	
4-Bromophenyl phenyl ether	ND	5.0	ug/L	1.00	06/01/2004 20:49	
Hexachlorobenzene	ND	2.0	ug/L	1.00	06/01/2004 20:49	
Pentachlorophenol	ND	10	ug/L	1.00	06/01/2004 20:49	
Phenanthrene	ND	2.0	ug/L	1.00	06/01/2004 20:49	
Anthracene	ND	2.0	ug/L	1.00	06/01/2004 20:49	
Di-n-butyl phthalate	ND	5.0	ug/L	1.00	06/01/2004 20:49	
Fluoranthene	ND	2.0	ug/L	1.00	06/01/2004 20:49	
Pyrene	ND	2.0	ug/L	1.00	06/01/2004 20:49	
Butyl benzyl phthalate	ND	5.0	ug/L	1.00	06/01/2004 20:49	
3,3-Dichlorobenzidine	ND	5.0	ug/L	1.00	06/01/2004 20:49	
Benzo(a)anthracene	ND	2.0	ug/L	1.00	06/01/2004 20:49	
bis(2-Ethylhexyl) phthalate	ND	10	ug/L	1.00	06/01/2004 20:49	
Chrysene	ND	2.0	ug/L	1.00	06/01/2004 20:49	
Di-n-octyl phthalate	ND	5.0	ug/L	1.00	06/01/2004 20:49	
Benzo(b)fluoranthene	ND	2.0	ug/L	1.00	06/01/2004 20:49	
Benzo(k)fluoranthene	ND	2.0	ug/L	1.00	06/01/2004 20:49	

Semi-volatile analysis by GC/MS - EPA8270C

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Project: 869-4A
Milpitas Sewage

Received: 05/27/2004 17:53

Prep(s): 3510C/8270C
Test(s): 8270C
Sample ID: **B-4 15'**
Lab ID: 2004-05-0971 - 4
Sampled: 05/27/2004
Extracted: 5/29/2004 07:16
Matrix: Water
QC Batch#: 2004/05/29-01.11

Compound	Conc.	RL	Unit	Dilution	Analyzed	Flag
Benzo(a)pyrene	ND	2.0	ug/L	1.00	06/01/2004 20:49	
Indeno(1,2,3-c,d)pyrene	ND	2.0	ug/L	1.00	06/01/2004 20:49	
Dibenzo(a,h)anthracene	ND	2.0	ug/L	1.00	06/01/2004 20:49	
Benzo(g,h,i)perylene	ND	2.0	ug/L	1.00	06/01/2004 20:49	
Benzoic acid	ND	10	ug/L	1.00	06/01/2004 20:49	
Surrogate(s)						
Nitrobenzene-d5	67.6	35-114	%	1.00	06/01/2004 20:49	
2-Fluorobiphenyl	70.6	43-116	%	1.00	06/01/2004 20:49	
p-Terphenyl-d14	92.8	33-141	%	1.00	06/01/2004 20:49	
2-Fluorophenol	55.3	25-100	%	1.00	06/01/2004 20:49	
Phenol-d5	36.4	10-110	%	1.00	06/01/2004 20:49	
2,4,6-Tribromophenol	95.1	10-123	%	1.00	06/01/2004 20:49	

Semi-volatile analysis by GC/MS - EPA8270C

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Project: 869-4A
Milpitas Sewage

Received: 05/27/2004 17:53

Prep(s): 3510C/8270C
Test(s): 8270C
Sample ID: **B-5 15'**
Lab ID: 2004-05-0971 - 6
Sampled: 05/27/2004
Extracted: 5/29/2004 07:16
Matrix: Water
QC Batch#: 2004/05/29-01.11

Compound	Conc.	RL	Unit	Dilution	Analyzed	Flag
Phenol	ND	2.0	ug/L	1.00	06/01/2004 21:18	
Bis(2-chloroethyl)ether	ND	2.0	ug/L	1.00	06/01/2004 21:18	
2-Chlorophenol	ND	2.0	ug/L	1.00	06/01/2004 21:18	
1,3-Dichlorobenzene	ND	2.0	ug/L	1.00	06/01/2004 21:18	
1,4-Dichlorobenzene	ND	2.0	ug/L	1.00	06/01/2004 21:18	
Benzyl alcohol	ND	5.0	ug/L	1.00	06/01/2004 21:18	
1,2-Dichlorobenzene	ND	2.0	ug/L	1.00	06/01/2004 21:18	
2-Methylphenol	ND	2.0	ug/L	1.00	06/01/2004 21:18	
Bis(2-chloroisopropyl) ether	ND	2.0	ug/L	1.00	06/01/2004 21:18	
4-Methylphenol	ND	2.0	ug/L	1.00	06/01/2004 21:18	
N-Nitroso-di-n-propylamine	ND	2.0	ug/L	1.00	06/01/2004 21:18	
Hexachloroethane	ND	2.0	ug/L	1.00	06/01/2004 21:18	
Nitrobenzene	ND	2.0	ug/L	1.00	06/01/2004 21:18	
Isophorone	ND	2.0	ug/L	1.00	06/01/2004 21:18	
2-Nitrophenol	ND	2.0	ug/L	1.00	06/01/2004 21:18	
2,4-Dimethylphenol	ND	2.0	ug/L	1.00	06/01/2004 21:18	
Bis(2-chloroethoxy) methane	ND	5.0	ug/L	1.00	06/01/2004 21:18	
2,4-Dichlorophenol	ND	2.0	ug/L	1.00	06/01/2004 21:18	
1,2,4-Trichlorobenzene	ND	2.0	ug/L	1.00	06/01/2004 21:18	
Naphthalene	ND	2.0	ug/L	1.00	06/01/2004 21:18	
4-Chloroaniline	ND	2.0	ug/L	1.00	06/01/2004 21:18	
Hexachlorobutadiene	ND	2.0	ug/L	1.00	06/01/2004 21:18	
4-Chloro-3-methylphenol	ND	5.0	ug/L	1.00	06/01/2004 21:18	
2-Methylnaphthalene	ND	2.0	ug/L	1.00	06/01/2004 21:18	
Hexachlorocyclopentadiene	ND	5.0	ug/L	1.00	06/01/2004 21:18	
2,4,6-Trichlorophenol	ND	2.0	ug/L	1.00	06/01/2004 21:18	
2,4,5-Trichlorophenol	ND	2.0	ug/L	1.00	06/01/2004 21:18	
2-Chloronaphthalene	ND	2.0	ug/L	1.00	06/01/2004 21:18	
2-Nitroaniline	ND	10	ug/L	1.00	06/01/2004 21:18	
Dimethyl phthalate	ND	5.0	ug/L	1.00	06/01/2004 21:18	

Semi-volatile analysis by GC/MS - EPA8270C

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Project: 869-4A
Milpitas Sewage

Received: 05/27/2004 17:53

Prep(s):	3510C/8270C	Test(s):	8270C
Sample ID:	**B-5 15`**	Lab ID:	2004-05-0971 - 6
Sampled:	05/27/2004	Extracted:	5/29/2004 07:16
Matrix:	Water	QC Batch#:	2004/05/29-01.11

Compound	Conc.	RL	Unit	Dilution	Analyzed	Flag
Acenaphthylene	ND	2.0	ug/L	1.00	06/01/2004 21:18	
3-Nitroaniline	ND	2.0	ug/L	1.00	06/01/2004 21:18	
Acenaphthene	ND	2.0	ug/L	1.00	06/01/2004 21:18	
2,4-Dinitrophenol	ND	10	ug/L	1.00	06/01/2004 21:18	
4-Nitrophenol	ND	10	ug/L	1.00	06/01/2004 21:18	
Dibenzofuran	ND	2.0	ug/L	1.00	06/01/2004 21:18	
2,4-Dinitrotoluene	ND	2.0	ug/L	1.00	06/01/2004 21:18	
2,6-Dinitrotoluene	ND	5.0	ug/L	1.00	06/01/2004 21:18	
Diethyl phthalate	ND	5.0	ug/L	1.00	06/01/2004 21:18	
4-Chlorophenyl phenyl ether	ND	5.0	ug/L	1.00	06/01/2004 21:18	
Fluorene	ND	2.0	ug/L	1.00	06/01/2004 21:18	
4-Nitroaniline	ND	10	ug/L	1.00	06/01/2004 21:18	
2-Methyl-4,6-dinitrophenol	ND	10	ug/L	1.00	06/01/2004 21:18	
N-Nitrosodiphenylamine	ND	2.0	ug/L	1.00	06/01/2004 21:18	
4-Bromophenyl phenyl ether	ND	5.0	ug/L	1.00	06/01/2004 21:18	
Hexachlorobenzene	ND	2.0	ug/L	1.00	06/01/2004 21:18	
Pentachlorophenol	ND	10	ug/L	1.00	06/01/2004 21:18	
Phenanthrene	ND	2.0	ug/L	1.00	06/01/2004 21:18	
Anthracene	ND	2.0	ug/L	1.00	06/01/2004 21:18	
Di-n-butyl phthalate	ND	5.0	ug/L	1.00	06/01/2004 21:18	
Fluoranthene	ND	2.0	ug/L	1.00	06/01/2004 21:18	
Pyrene	ND	2.0	ug/L	1.00	06/01/2004 21:18	
Butyl benzyl phthalate	ND	5.0	ug/L	1.00	06/01/2004 21:18	
3,3-Dichlorobenzidine	ND	5.0	ug/L	1.00	06/01/2004 21:18	
Benzo(a)anthracene	ND	2.0	ug/L	1.00	06/01/2004 21:18	
bis(2-Ethylhexyl) phthalate	ND	10	ug/L	1.00	06/01/2004 21:18	
Chrysene	ND	2.0	ug/L	1.00	06/01/2004 21:18	
Di-n-octyl phthalate	ND	5.0	ug/L	1.00	06/01/2004 21:18	
Benzo(b)fluoranthene	ND	2.0	ug/L	1.00	06/01/2004 21:18	
Benzo(k)fluoranthene	ND	2.0	ug/L	1.00	06/01/2004 21:18	

SEVERN TRENT STL

Submission #: 2004-05-0971

Semi-volatile analysis by GC/MS - EPA8270C

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Project: 869-4A
Milpitas Sewage

Received: 05/27/2004 17:53

Prep(s):	3510C/8270C	Test(s):	8270C
Sample ID:	**B-5 15`**	Lab ID:	2004-05-0971 - 6
Sampled:	05/27/2004	Extracted:	5/29/2004 07:16
Matrix:	Water	QC Batch#:	2004/05/29-01.11

Compound	Conc.	RL	Unit	Dilution	Analyzed	Flag
Benzo(a)pyrene	ND	2.0	ug/L	1.00	06/01/2004 21:18	
Indeno(1,2,3-c,d)pyrene	ND	2.0	ug/L	1.00	06/01/2004 21:18	
Dibenzo(a,h)anthracene	ND	2.0	ug/L	1.00	06/01/2004 21:18	
Benzo(g,h,i)perylene	ND	2.0	ug/L	1.00	06/01/2004 21:18	
Benzoic acid	ND	10	ug/L	1.00	06/01/2004 21:18	
Surrogate(s)						
Nitrobenzene-d5	66.3	35-114	%	1.00	06/01/2004 21:18	
2-Fluorobiphenyl	69.4	43-116	%	1.00	06/01/2004 21:18	
p-Terphenyl-d14	95.8	33-141	%	1.00	06/01/2004 21:18	
2-Fluorophenol	57.0	25-100	%	1.00	06/01/2004 21:18	
Phenol-d5	37.6	10-110	%	1.00	06/01/2004 21:18	
2,4,6-Tribromophenol	94.5	10-123	%	1.00	06/01/2004 21:18	

Semi-volatile analysis by GC/MS - EPA8270C

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Project: 869-4A
Milpitas Sewage

Received: 05/27/2004 17:53

Batch QC Report

Prep(s): 3510C/8270C
Method Blank
MB: 2004/05/29-01.11-001

Water

Test(s): 8270C
QC Batch # 2004/05/29-01.11
Date Extracted: 05/29/2004 07:16

Compound	Conc.	RL	Unit	Analyzed	Flag
Phenol	ND	2.0	ug/L	06/01/2004 17:55	
Bis(2-chloroethyl)ether	ND	2.0	ug/L	06/01/2004 17:55	
2-Chlorophenol	ND	2.0	ug/L	06/01/2004 17:55	
1,3-Dichlorobenzene	ND	2.0	ug/L	06/01/2004 17:55	
1,4-Dichlorobenzene	ND	2.0	ug/L	06/01/2004 17:55	
Benzyl alcohol	ND	5.0	ug/L	06/01/2004 17:55	
1,2-Dichlorobenzene	ND	2.0	ug/L	06/01/2004 17:55	
2-Methylphenol	ND	2.0	ug/L	06/01/2004 17:55	
Bis(2-chloroisopropyl) ether	ND	2.0	ug/L	06/01/2004 17:55	
4-Methylphenol	ND	2.0	ug/L	06/01/2004 17:55	
N-Nitroso-di-n-propylamine	ND	2.0	ug/L	06/01/2004 17:55	
Hexachloroethane	ND	2.0	ug/L	06/01/2004 17:55	
Nitrobenzene	ND	2.0	ug/L	06/01/2004 17:55	
Isophorone	ND	2.0	ug/L	06/01/2004 17:55	
2-Nitrophenol	ND	2.0	ug/L	06/01/2004 17:55	
2,4-Dimethylphenol	ND	2.0	ug/L	06/01/2004 17:55	
Bis(2-chloroethoxy) methane	ND	5.0	ug/L	06/01/2004 17:55	
2,4-Dichlorophenol	ND	2.0	ug/L	06/01/2004 17:55	
1,2,4-Trichlorobenzene	ND	2.0	ug/L	06/01/2004 17:55	
Naphthalene	ND	2.0	ug/L	06/01/2004 17:55	
4-Chloroaniline	ND	2.0	ug/L	06/01/2004 17:55	
Hexachlorobutadiene	ND	2.0	ug/L	06/01/2004 17:55	
4-Chloro-3-methylphenol	ND	5.0	ug/L	06/01/2004 17:55	
2-Methylnaphthalene	ND	2.0	ug/L	06/01/2004 17:55	
Hexachlorocyclopentadiene	ND	5.0	ug/L	06/01/2004 17:55	
2,4,6-Trichlorophenol	ND	2.0	ug/L	06/01/2004 17:55	
2,4,5-Trichlorophenol	ND	2.0	ug/L	06/01/2004 17:55	
2-Chloronaphthalene	ND	2.0	ug/L	06/01/2004 17:55	
2-Nitroaniline	ND	10	ug/L	06/01/2004 17:55	
Dimethyl phthalate	ND	5.0	ug/L	06/01/2004 17:55	

Semi-volatile analysis by GC/MS - EPA8270C

Lowney & Associates Mountain View
Attn.: Stason Foster

405 Clyde Ave
Mountain View, CA 94043-2209
Phone: (650) 967-2365 Fax: (650) 967-2785

Project: 869-4A
Milpitas Sewage

Received: 05/27/2004 17:53

Batch QC Report

Prep(s): 3510C/8270C
Method Blank
MB: 2004/05/29-01.11-001

Water

Test(s): 8270C
QC Batch # 2004/05/29-01.11
Date Extracted: 05/29/2004 07:16

Compound	Conc.	RL	Unit	Analyzed	Flag
Acenaphthylene	ND	2.0	ug/L	06/01/2004 17:55	
3-Nitroaniline	ND	2.0	ug/L	06/01/2004 17:55	
Acenaphthene	ND	2.0	ug/L	06/01/2004 17:55	
2,4-Dinitrophenol	ND	10	ug/L	06/01/2004 17:55	
4-Nitrophenol	ND	10	ug/L	06/01/2004 17:55	
Dibenzofuran	ND	2.0	ug/L	06/01/2004 17:55	
2,4-Dinitrotoluene	ND	2.0	ug/L	06/01/2004 17:55	
2,6-Dinitrotoluene	ND	5.0	ug/L	06/01/2004 17:55	
Diethyl phthalate	ND	5.0	ug/L	06/01/2004 17:55	
4-Chlorophenyl phenyl ether	ND	5.0	ug/L	06/01/2004 17:55	
Fluorene	ND	2.0	ug/L	06/01/2004 17:55	
4-Nitroaniline	ND	10	ug/L	06/01/2004 17:55	
2-Methyl-4,6-dinitrophenol	ND	10	ug/L	06/01/2004 17:55	
N-Nitrosodiphenylamine	ND	2.0	ug/L	06/01/2004 17:55	
4-Bromophenyl phenyl ether	ND	5.0	ug/L	06/01/2004 17:55	
Hexachlorobenzene	ND	2.0	ug/L	06/01/2004 17:55	
Pentachlorophenol	ND	10	ug/L	06/01/2004 17:55	
Phenanthrene	ND	2.0	ug/L	06/01/2004 17:55	
Anthracene	ND	2.0	ug/L	06/01/2004 17:55	
Di-n-butyl phthalate	ND	5.0	ug/L	06/01/2004 17:55	
Fluoranthene	ND	2.0	ug/L	06/01/2004 17:55	
Pyrene	ND	2.0	ug/L	06/01/2004 17:55	
Butyl benzyl phthalate	ND	5.0	ug/L	06/01/2004 17:55	
3,3-Dichlorobenzidine	ND	5.0	ug/L	06/01/2004 17:55	
Benzo(a)anthracene	ND	2.0	ug/L	06/01/2004 17:55	
bis(2-Ethylhexyl) phthalate	ND	10	ug/L	06/01/2004 17:55	
Chrysene	ND	2.0	ug/L	06/01/2004 17:55	
Di-n-octyl phthalate	ND	5.0	ug/L	06/01/2004 17:55	
Benzo(b)fluoranthene	ND	2.0	ug/L	06/01/2004 17:55	
Benzo(k)fluoranthene	ND	2.0	ug/L	06/01/2004 17:55	
Benzo(a)pyrene	ND	2.0	ug/L	06/01/2004 17:55	

Semi-volatile analysis by GC/MS - EPA8270C

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405 Clyde Ave
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Project: 869-4A
Milpitas Sewage

Received: 05/27/2004 17:53

Batch QC Report

Prep(s): 3510C/8270C
Method Blank **Water**
MB: 2004/05/29-01.11-001

Test(s): 8270C
QC Batch # 2004/05/29-01.11
Date Extracted: 05/29/2004 07:16

Compound	Conc.	RL	Unit	Analyzed	Flag
Indeno(1,2,3-c,d)pyrene	ND	2.0	ug/L	06/01/2004 17:55	
Dibenzo(a,h)anthracene	ND	2.0	ug/L	06/01/2004 17:55	
Benzo(g,h,i)perylene	ND	2.0	ug/L	06/01/2004 17:55	
Benzoic acid	ND	10	ug/L	06/01/2004 17:55	
Surrogates(s)					
Nitrobenzene-d5	70.4	35-114	%	06/01/2004 17:55	
2-Fluorobiphenyl	63.5	43-116	%	06/01/2004 17:55	
p-Terphenyl-d14	105.2	33-141	%	06/01/2004 17:55	
2-Fluorophenol	50.8	25-100	%	06/01/2004 17:55	
Phenol-d5	28.4	10-110	%	06/01/2004 17:55	
2,4,6-Tribromophenol	74.4	10-123	%	06/01/2004 17:55	

Semi-volatile analysis by GC/MS - EPA8270C

Lowney & Associates Mountain View
Attn.: Stason Foster

405 Clyde Ave
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Phone: (650) 967-2365 Fax: (650) 967-2785

Project: 869-4A
Milpitas Sewage

Received: 05/27/2004 17:53

Batch QC Report

Prep(s): 3550B/8270C
Method Blank **Soil**
MB: 2004/06/08-02.11-001

Test(s): 8270C
QC Batch # 2004/06/08-02.11
Date Extracted: 06/08/2004 09:09

Compound	Conc.	RL	Unit	Analyzed	Flag
Phenol	ND	0.067	mg/Kg	06/08/2004 14:10	
Bis(2-chloroethyl)ether	ND	0.067	mg/Kg	06/08/2004 14:10	
2-Chlorophenol	ND	0.067	mg/Kg	06/08/2004 14:10	
1,3-Dichlorobenzene	ND	0.067	mg/Kg	06/08/2004 14:10	
1,4-Dichlorobenzene	ND	0.067	mg/Kg	06/08/2004 14:10	
Benzyl alcohol	ND	0.17	mg/Kg	06/08/2004 14:10	
1,2-Dichlorobenzene	ND	0.067	mg/Kg	06/08/2004 14:10	
2-Methylphenol	ND	0.067	mg/Kg	06/08/2004 14:10	
Bis(2-chloroisopropyl) ether	ND	0.067	mg/Kg	06/08/2004 14:10	
4-Methylphenol	ND	0.067	mg/Kg	06/08/2004 14:10	
N-Nitroso-di-n-propylamine	ND	0.067	mg/Kg	06/08/2004 14:10	
Hexachloroethane	ND	0.067	mg/Kg	06/08/2004 14:10	
Nitrobenzene	ND	0.067	mg/Kg	06/08/2004 14:10	
Isophorone	ND	0.067	mg/Kg	06/08/2004 14:10	
2-Nitrophenol	ND	0.067	mg/Kg	06/08/2004 14:10	
2,4-Dimethylphenol	ND	0.067	mg/Kg	06/08/2004 14:10	
Bis(2-chloroethoxy) methane	ND	0.17	mg/Kg	06/08/2004 14:10	
2,4-Dichlorophenol	ND	0.067	mg/Kg	06/08/2004 14:10	
1,2,4-Trichlorobenzene	ND	0.067	mg/Kg	06/08/2004 14:10	
Naphthalene	ND	0.067	mg/Kg	06/08/2004 14:10	
4-Chloroaniline	ND	0.330	mg/Kg	06/08/2004 14:10	
Hexachlorobutadiene	ND	0.067	mg/Kg	06/08/2004 14:10	
4-Chloro-3-methylphenol	ND	0.17	mg/Kg	06/08/2004 14:10	
2-Methylnaphthalene	ND	0.067	mg/Kg	06/08/2004 14:10	
Hexachlorocyclopentadiene	ND	0.17	mg/Kg	06/08/2004 14:10	
2,4,6-Trichlorophenol	ND	0.067	mg/Kg	06/08/2004 14:10	
2,4,5-Trichlorophenol	ND	0.067	mg/Kg	06/08/2004 14:10	
2-Chloronaphthalene	ND	0.067	mg/Kg	06/08/2004 14:10	
2-Nitroaniline	ND	0.33	mg/Kg	06/08/2004 14:10	
Dimethyl phthalate	ND	0.17	mg/Kg	06/08/2004 14:10	
Acenaphthylene	ND	0.067	mg/Kg	06/08/2004 14:10	

Semi-volatile analysis by GC/MS - EPA8270C

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Phone: (650) 967-2365 Fax: (650) 967-2785

Project: 869-4A
Milpitas Sewage

Received: 05/27/2004 17:53

Batch QC Report

Prep(s): 3550B/8270C — Test(s): 8270C

Method Blank — **Soil** — **QC Batch # 2004/06/08-02.11**

MB: 2004/06/08-02.11-001 — Date Extracted: 06/08/2004 09:09

Compound	Conc.	RL	Unit	Analyzed	Flag
3-Nitroaniline	ND	0.067	mg/Kg	06/08/2004 14:10	
Acenaphthene	ND	0.067	mg/Kg	06/08/2004 14:10	
2,4-Dinitrophenol	ND	0.33	mg/Kg	06/08/2004 14:10	
4-Nitrophenol	ND	0.33	mg/Kg	06/08/2004 14:10	
Dibenzofuran	ND	0.067	mg/Kg	06/08/2004 14:10	
2,4-Dinitrotoluene	ND	0.067	mg/Kg	06/08/2004 14:10	
2,6-Dinitrotoluene	ND	0.067	mg/Kg	06/08/2004 14:10	
Diethyl phthalate	ND	0.17	mg/Kg	06/08/2004 14:10	
4-Chlorophenyl phenyl ether	ND	0.17	mg/Kg	06/08/2004 14:10	
Fluorene	ND	0.067	mg/Kg	06/08/2004 14:10	
4-Nitroaniline	ND	0.33	mg/Kg	06/08/2004 14:10	
2-Methyl-4,6-dinitrophenol	ND	0.33	mg/Kg	06/08/2004 14:10	
N-Nitrosodiphenylamine	ND	0.067	mg/Kg	06/08/2004 14:10	
4-Bromophenyl phenyl ether	ND	0.17	mg/Kg	06/08/2004 14:10	
Hexachlorobenzene	ND	0.067	mg/Kg	06/08/2004 14:10	
Pentachlorophenol	ND	0.33	mg/Kg	06/08/2004 14:10	
Phenanthrene	ND	0.067	mg/Kg	06/08/2004 14:10	
Anthracene	ND	0.067	mg/Kg	06/08/2004 14:10	
Di-n-butyl phthalate	ND	0.17	mg/Kg	06/08/2004 14:10	
Fluoranthene	ND	0.067	mg/Kg	06/08/2004 14:10	
Pyrene	ND	0.067	mg/Kg	06/08/2004 14:10	
Butyl benzyl phthalate	ND	0.17	mg/Kg	06/08/2004 14:10	
3,3-Dichlorobenzidine	ND	0.17	mg/Kg	06/08/2004 14:10	
Benzo(a)anthracene	ND	0.067	mg/Kg	06/08/2004 14:10	
bis(2-Ethylhexyl) phthalate	ND	0.33	mg/Kg	06/08/2004 14:10	
Chrysene	ND	0.067	mg/Kg	06/08/2004 14:10	
Di-n-octyl phthalate	ND	0.17	mg/Kg	06/08/2004 14:10	
Benzo(b)fluoranthene	ND	0.067	mg/Kg	06/08/2004 14:10	
Benzo(k)fluoranthene	ND	0.067	mg/Kg	06/08/2004 14:10	
Benzo(a)pyrene	ND	0.067	mg/Kg	06/08/2004 14:10	
Indeno(1,2,3-c,d)pyrene	ND	0.067	mg/Kg	06/08/2004 14:10	

Semi-volatile analysis by GC/MS - EPA8270C

Lowney & Associates Mountain View
Attn.: Stason Foster

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Mountain View, CA 94043-2209
Phone: (650) 967-2365 Fax: (650) 967-2785

Project: 869-4A
Milpitas Sewage

Received: 05/27/2004 17:53

Batch QC Report

Prep(s): 3550B/8270C — Test(s): 8270C

Method Blank — **Soil** — **QC Batch # 2004/06/08-02.11**

MB: 2004/06/08-02.11-001 — Date Extracted: 06/08/2004 09:09

Compound	Conc.	RL	Unit	Analyzed	Flag
Dibenzo(a,h)anthracene	ND	0.067	mg/Kg	06/08/2004 14:10	
Benzo(g,h,i)perylene	ND	0.067	mg/Kg	06/08/2004 14:10	
Benzoic acid	ND	0.33	mg/Kg	06/08/2004 14:10	
Surrogates(s)					
Nitrobenzene-d5	79.1	23-120	%	06/08/2004 14:10	
2-Fluorobiphenyl	91.5	30-115	%	06/08/2004 14:10	
p-Terphenyl-d14	79.4	18-137	%	06/08/2004 14:10	
2-Fluorophenol	83.0	25-121	%	06/08/2004 14:10	
Phenol-d5	111.9	24-113	%	06/08/2004 14:10	
2,4,6-Tribromophenol	88.7	19-122	%	06/08/2004 14:10	

Semi-volatile analysis by GC/MS - EPA8270C

Lowney & Associates Mountain View
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Phone: (650) 967-2365 Fax: (650) 967-2785

Project: 869-4A
Milpitas Sewage

Received: 05/27/2004 17:53

Batch QC Report

Prep(s): 3510C/8270C

Test(s): 8270C

Laboratory Control Spike **Water** **QC Batch # 2004/05/29-01.11**

LCS 2004/05/29-01.11-002 Extracted: 05/29/2004 Analyzed: 06/01/2004 18:24
LCSD 2004/05/29-01.11-003 Extracted: 05/29/2004 Analyzed: 06/01/2004 18:53

Compound	Conc. ug/L		Exp.Conc.	Recovery %		RPD	Ctrl.Limits %		Flags	
	LCS	LCSD		LCS	LCSD	%	Rec.	RPD	LCS	LCSD
Phenol	18.0	21.3	60.0	30.0	35.5	16.8	12-89	35		
2-Chlorophenol	48.4	51.9	60.0	80.7	86.5	6.9	23-134	25		
1,4-Dichlorobenzene	21.1	23.4	30.0	70.3	78.0	10.4	36-97	30		
N-Nitroso-di-n-propylamine	20.0	21.6	30.0	66.7	72.0	7.6	10-130	34		
1,2,4-Trichlorobenzene	21.8	22.5	30.0	72.7	75.0	3.1	44-142	35		
4-Chloro-3-methylphenol	50.4	48.0	60.0	84.0	80.0	4.9	22-147	31		
Acenaphthene	26.5	26.4	30.0	88.3	88.0	0.3	56-118	30		
4-Nitrophenol	8.24	7.31	60.0	13.7	12.2	11.6	1-132	35		
2,4-Dinitrotoluene	24.8	24.9	30.0	82.7	83.0	0.4	39-139	35		
Pentachlorophenol	43.9	37.6	60.0	73.2	62.7	15.5	45-125	35		
Pyrene	31.9	32.1	30.0	106.3	107.0	0.7	52-115	35		
Surrogates(s)										
Nitrobenzene-d5	17.4	17.4	25	69.6	69.6		35-114			
2-Fluorobiphenyl	17.8	18.8	25	71.2	75.2		43-116			
p-Terphenyl-d14	25.9	27.8	25	103.6	111.2		33-141			
2-Fluorophenol	25.0	27.0	50	50.0	54.0		25-100			
Phenol-d5	14.9	18.2	50	29.8	36.4		10-110			
2,4,6-Tribromophenol	44.5	43.8	50	89.0	87.6		10-123			

Semi-volatile analysis by GC/MS - EPA8270C

Lowney & Associates Mountain View
Attn.: Stason Foster

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Phone: (650) 967-2365 Fax: (650) 967-2785

Project: 869-4A
Milpitas Sewage

Received: 05/27/2004 17:53

Batch QC Report

Prep(s): 3550B/8270C

Test(s): 8270C

Laboratory Control Spike **Soil** **QC Batch # 2004/06/08-02.11**

LCS 2004/06/08-02.11-002 Extracted: 06/08/2004 Analyzed: 06/08/2004 12:56
LCSD 2004/06/08-02.11-003 Extracted: 06/08/2004 Analyzed: 06/08/2004 13:25

Compound	Conc. mg/Kg		Exp.Conc.	Recovery %		RPD	Ctrl.Limits %		Flags	
	LCS	LCSD		LCS	LCSD	%	Rec.	RPD	LCS	LCSD
Phenol	1.38	1.43	1.99	69.3	71.5	3.1	20-90	35		
2-Chlorophenol	1.35	1.40	1.99	67.8	70.0	3.2	27-123	35		
1,4-Dichlorobenzene	0.590	0.590	0.993	59.4	59.1	0.5	28-104	30		
N-Nitroso-di-n-propylamine	0.810	0.810	0.993	81.6	81.2	0.5	25-114	39		
1,2,4-Trichlorobenzene	0.620	0.620	0.993	62.4	62.1	0.5	38-107	35		
4-Chloro-3-methylphenol	1.70	1.65	1.99	85.4	82.5	3.5	26-103	33		
Acenaphthene	0.780	0.640	0.993	78.5	64.1	20.2	49-102	30		
4-Nitrophenol	1.80	1.80	1.99	90.5	90.0	0.6	17-109	35		
2,4-Dinitrotoluene	0.910	0.850	0.993	91.6	85.2	7.2	39-139	38		
Pentachlorophenol	1.25	1.34	1.99	62.8	67.0	6.5	11-114	35		
Pyrene	0.830	0.830	0.993	83.6	83.2	0.5	25-117	35		
Surrogates(s)										
Nitrobenzene-d5	19.3	18.7	25	77.3	74.8		23-120			
2-Fluorobiphenyl	24.1	23.1	25	96.4	92.5		30-115			
p-Terphenyl-d14	19.1	19.4	25	76.2	77.4		18-137			
2-Fluorophenol	38.1	37.3	50	76.1	74.7		25-121			
Phenol-d5	49.4	50.0	50	98.8	100.0		24-113			
2,4,6-Tribromophenol	42.1	44.3	50	84.3	88.7		19-122			

LOWNEY ASSOCIATES
Environmental/Geotechnical Engineering Services

CHAIN OF CUSTODY RECORD

2004-05-0971

☒ Mountain View Office
405 Clyde Ave.
Mountain View, 94043
Tel: [illegible]
Fax: [illegible]

☐ Oakland Office
167 Filbert St.
Oakland, 94607
Tel: [illegible]
Fax: [illegible]

☐ Fullerton Office
351 S. Imperial Hwy. #470
Fullerton 92835
Tel: 714.441.3090
Fax: 714.441.3091

☐ San Ramon Office
2256 Camino Ramon
San Ramon 94583
Tel: 925.275.2555
Fax: 925.275.2555

Project Name: Milpitas Sewage
Job No.: 8169-4A
Report To: Steven Foster
Sampler (print): Erik Erikson
Sampler (signature): [signature]
Electronic Deliverable Format Required: ☐ YES ☐ NO
EDF LOGCODE: ☐ LAMV ☐ LAO ☐ LAF
Global ID # :

Turnaround Requirements:
☒ 5 Working Days
☐ 48 Hours
☐ 24 Hours
☐ 2-3 Hours RUSH
☐ _____

QC Requirement:
☒ Level A (standard)

ANALYSES REQUESTED 86362

Sample I.D. (Field Point Name)	Date	Time	Lab I.D.	Sample Matrix	No. of Cont.	TPH as gas/BTEX/MTBE Method: ☐8015/8021 ☒8260	TPH as diesel (8015M) ☒with silica gel column ☐5030 Oil Range	TPH (418.1) with silica gel column	Halogenated VOCs (former 8010 list) Method: ☐8021 ☐8260 ☐add BTEX	Organochlorine Pesticides (8081)	Metals: ☐As, Pb, Hg ☒17 CAM	Fuel Oxygenates (MTBE, ETBE, TAME, DIPE, TBA, 1,2-DCA, and EDB) by 8260	PAHs (8310)	PCBs (8082)	VOCs (full list) 8260.B24	SVOCs 8270.B25	TPH
B-4 13-13.5'	5/27/04	AM		SOIL	1	✓	✓			✓	✓			✓	✓	✓	
B-5 13-13.5'	↓	↓		↓	1	✓	✓			✓	✓			✓	✓	✓	
B-6 13-13.5					1	✓	✓			✓	✓			✓	✓	✓	
B-4 15'	5/27/04			H2O	8		✓				✓				✓	✓	✓
B-4 30'	↓	↓		↓	8		✓				✓				✓	✓	✓
B-5 15'					8		✓				✓				✓	✓	✓

Remarks

Relinquished By: [signature]	Date: 5/27/04	Time: 2:18	Received By: [signature] Date: 5/27/04 Time: 17:20
Relinquished By: [signature]	Date: 5/27/04	Time: 1755	Received By: Date: Time:
Relinquished By:	Date:	Time:	Lab of Record: STL-SF
			Received By Lab: [signature] Date: 5/27/04 Time: 1753

PM Initial:
Temp: 3°C

SEVERN TRENT STL

Submission#: 2004-07-0063

Lowney & Associates Mountain View

July 08, 2004

405 Clyde Ave
Mountain View, CA 94043-2209
Attn.: Stason Foster

Project#: 869-4A
Project: Milpitas Sewage

Dear Mr. Foster,

Attached is our report for your samples received on 05/25/2004 00:00
This report has been reviewed and approved for release. Reproduction of this report is permitted only in its entirety.

Please note that any unused portion of the samples will be discarded after 07/09/2004 unless you have requested otherwise.
We appreciate the opportunity to be of service to you. If you have any questions, please call me at (925) 484-1919.
You can also contact me via email. My email address is: asalimpour@stl-inc.com

Sincerely,

Afsaneh Salimpour
Project Manager

JUL 14 2004

SEVERN TRENT STL

Submission: 2004-07-0063

CAM W.E.T. (STLC) Lead

Lowney & Associates Mountain View
Attn.: Stason Foster

405 Clyde Ave
Mountain View, CA 94043-2209
Phone: (650) 967-2365 Fax: (650) 967-2785

Project: 869-4A
Milpitas Sewage

Received: 05/25/2004

Samples Reported

Sample Name	Date Sampled	Matrix	Lab #
BLB-9B	05/24/2004	Soil	4
BLB-9C	05/24/2004	Soil	5

CAM W.E.T. (STLC) Lead

Lowney & Associates Mountain View
Attn.: Stason Foster

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Mountain View, CA 94043-2209
Phone: (650) 967-2365 Fax: (650) 967-2785

Project: 869-4A
Milpitas Sewage

Received: 05/25/2004

Prep(s):	3005A	Test(s):	6010B
Sample ID:	**BLB-9B**	Lab ID:	2004-07-0063 - 4
Sampled:	05/24/2004	Extracted:	7/8/2004 05:48
Matrix:	Soil	QC Batch#:	2004/07/08-03.15

Compound	Conc.	RL	Unit	Dilution	Analyzed	Flag
Lead	2.5	0.50	mg/L	1.00	07/08/2004 08:33	

CAM W.E.T. (STLC) Lead

Lowney & Associates Mountain View
Attn.: Stason Foster

405 Clyde Ave
Mountain View, CA 94043-2209
Phone: (650) 967-2365 Fax: (650) 967-2785

Project: 869-4A
Milpitas Sewage

Received: 05/25/2004

Prep(s):	3005A	Test(s):	6010B
Sample ID:	**BLB-9C**	Lab ID:	2004-07-0063 - 5
Sampled:	05/24/2004	Extracted:	7/8/2004 05:48
Matrix:	Soil	QC Batch#:	2004/07/08-03.15

Compound	Conc.	RL	Unit	Dilution	Analyzed	Flag
Lead	2.8	0.50	mg/L	1.00	07/08/2004 08:45	

CAM W.E.T. (STLC) Lead

Lowney & Associates Mountain View
Attn.: Stason Foster

405 Clyde Ave
Mountain View, CA 94043-2209
Phone: (650) 967-2365 Fax: (650) 967-2785

Project: 869-4A
Milpitas Sewage

Received: 05/25/2004

Batch QC Report

Prep(s): 3005A

Test(s): 6010B

Method Blank

Soil

QC Batch # 2004/07/08-03.15

MB: 2004/07/08-03.15-011

Date Extracted: 07/08/2004 05:48

Compound	Conc.	RL	Unit	Analyzed	Flag
Lead	ND	0.50	mg/L	07/08/2004 08:19	

CAM W.E.T. (STLC) Lead

Lowney & Associates Mountain View
Attn.: Stason Foster

405 Clyde Ave
Mountain View, CA 94043-2209
Phone: (650) 967-2365 Fax: (650) 967-2785

Project: 869-4A
Milpitas Sewage

Received: 05/25/2004

Batch QC Report

Prep(s): 3005A

Test(s): 6010B

Laboratory Control Spike **Soil** **QC Batch # 2004/07/08-03.15**

LCS 2004/07/08-03.15-012 Extracted: 07/08/2004 Analyzed: 07/08/2004 08:23
LCSD 2004/07/08-03.15-013 Extracted: 07/08/2004 Analyzed: 07/08/2004 08:28

Compound	Conc. mg/L		Exp.Conc.	Recovery %		RPD	Ctrl.Limits %		Flags	
	LCS	LCSD		LCS	LCSD	%	Rec.	RPD	LCS	LCSD
Lead	4.77	4.67	5.00	95.4	93.4	2.1	80-120	20		

CAM W.E.T. (STLC) Lead

Lowney & Associates Mountain View
Attn.: Stason Foster

405 Clyde Ave
Mountain View, CA 94043-2209
Phone: (650) 967-2365 Fax: (650) 967-2785

Project: 869-4A
Milpitas Sewage

Received: 05/25/2004

Batch QC Report

Prep(s): 3005A

Test(s): 6010B

Matrix Spike (MS / MSD) **Soil** **QC Batch # 2004/07/08-03.15**

BLB-9B >> MS

Lab ID: 2004-07-0063 - 004

MS: 2004/07/08-03.15-015 Extracted: 07/08/2004 Analyzed: 07/08/2004 08:37
Dilution: 1.00

MSD: 2004/07/08-03.15-016 Extracted: 07/08/2004 Analyzed: 07/08/2004 08:41
Dilution: 1.00

Compound	Conc. mg/L			Spk.Level	Recovery %			Limits %		Flags	
	MS	MSD	Sample	mg/L	MS	MSD	RPD	Rec.	RPD	MS	MSD
Lead	7.24	6.94	2.48	5.00	95.2	89.2	6.5	75-125	20		

SEVERN TRENT STL

Submission: 2004-07-0063

TCLP Metals

Lowney & Associates Mountain View
Attn.: Stason Foster

405 Clyde Ave
Mountain View, CA 94043-2209
Phone: (650) 967-2365 Fax: (650) 967-2785

Project: 869-4A
Milpitas Sewage

Received: 05/25/2004

Samples Reported

Sample Name	Date Sampled	Matrix	Lab #
BLB-3B	05/21/2004	Soil	1
BLB-8A	05/24/2004	Soil	2
BLB-8B	05/24/2004	Soil	3
BLB-9B	05/24/2004	Soil	4
BLB-9C	05/24/2004	Soil	5

TCLP Metals

Lowney & Associates Mountain View
Attn.: Stason Foster

405 Clyde Ave
Mountain View, CA 94043-2209
Phone: (650) 967-2365 Fax: (650) 967-2785

Project: 869-4A
Milpitas Sewage

Received: 05/25/2004

Prep(s):	1311/3010A	Test(s):	6010B
Sample ID:	**BLB-3B**	Lab ID:	2004-07-0063 - 1
Sampled:	05/21/2004	Extracted:	7/7/2004 05:09
Matrix:	Soil	QC Batch#:	2004/07/07-02.15

Compound	Conc.	RL	Unit	Dilution	Analyzed	Flag
Lead	ND	0.50	mg/L	1.00	07/07/2004 12:21	

TCLP Metals

Lowney & Associates Mountain View
Attn.: Stason Foster

405 Clyde Ave
Mountain View, CA 94043-2209
Phone: (650) 967-2365 Fax: (650) 967-2785

Project: 869-4A
Milpitas Sewage

Received: 05/25/2004

Prep(s):	1311/3010A	Test(s):	6010B
Sample ID:	**BLB-8A**	Lab ID:	2004-07-0063 - 2
Sampled:	05/24/2004	Extracted:	7/7/2004 05:09
Matrix:	Soil	QC Batch#:	2004/07/07-02.15

Compound	Conc.	RL	Unit	Dilution	Analyzed	Flag
Lead	ND	0.50	mg/L	1.00	07/07/2004 12:25	

TCLP Metals

Lowney & Associates Mountain View
Attn.: Stason Foster

405 Clyde Ave
Mountain View, CA 94043-2209
Phone: (650) 967-2365 Fax: (650) 967-2785

Project: 869-4A
Milpitas Sewage

Received: 05/25/2004

Prep(s):	1311/3010A	Test(s):	6010B
Sample ID:	**BLB-8B**	Lab ID:	2004-07-0063 - 3
Sampled:	05/24/2004	Extracted:	7/7/2004 05:09
Matrix:	Soil	QC Batch#:	2004/07/07-02.15

Compound	Conc.	RL	Unit	Dilution	Analyzed	Flag
Cadmium	0.18	0.10	mg/L	1.00	07/07/2004 12:29	
Lead	ND	0.50	mg/L	1.00	07/07/2004 12:29	

TCLP Metals

Lowney & Associates Mountain View
Attn.: Stason Foster

405 Clyde Ave
Mountain View, CA 94043-2209
Phone: (650) 967-2365 Fax: (650) 967-2785

Project: 869-4A
Milpitas Sewage

Received: 05/25/2004

Prep(s):	1311/3010A	Test(s):	6010B
Sample ID:	**BLB-9B**	Lab ID:	2004-07-0063 - 4
Sampled:	05/24/2004	Extracted:	7/7/2004 05:09
Matrix:	Soil	QC Batch#:	2004/07/07-02.15

Compound	Conc.	RL	Unit	Dilution	Analyzed	Flag
Lead	ND	0.50	mg/L	1.00	07/07/2004 12:34	

TCLP Metals

Lowney & Associates Mountain View
Attn.: Stason Foster

405 Clyde Ave
Mountain View, CA 94043-2209
Phone: (650) 967-2365 Fax: (650) 967-2785

Project: 869-4A
Milpitas Sewage

Received: 05/25/2004

Prep(s):	1311/3010A	Test(s):	6010B
Sample ID:	**BLB-9C**	Lab ID:	2004-07-0063 - 5
Sampled:	05/24/2004	Extracted:	7/7/2004 05:09
Matrix:	Soil	QC Batch#:	2004/07/07-02.15

Compound	Conc.	RL	Unit	Dilution	Analyzed	Flag
Lead	ND	0.50	mg/L	1.00	07/07/2004 12:38	

TCLP Metals

Lowney & Associates Mountain View
Attn.: Stason Foster

405 Clyde Ave
Mountain View, CA 94043-2209
Phone: (650) 967-2365 Fax: (650) 967-2785

Project: 869-4A
Milpitas Sewage

Received: 05/25/2004

Batch QC Report

Prep(s): 1311/3010A

Test(s): 6010B

Method Blank

Soil

QC Batch # 2004/07/07-02.15

MB: 2004/07/07-02.15-049

Date Extracted: 07/07/2004 05:09

Compound	Conc.	RL	Unit	Analyzed	Flag
Cadmium	ND	0.10	mg/L	07/07/2004 11:23	
Lead	ND	0.50	mg/L	07/07/2004 11:23	

TCLP Metals

Lowney & Associates Mountain View
Attn.: Stason Foster

405 Clyde Ave
Mountain View, CA 94043-2209
Phone: (650) 967-2365 Fax: (650) 967-2785

Project: 869-4A
Milpitas Sewage

Received: 05/25/2004

Batch QC Report

Prep(s): 1311/3010A

Test(s): 6010B

Laboratory Control Spike **Soil** **QC Batch # 2004/07/07-02.15**

LCS 2004/07/07-02.15-050 Extracted: 07/07/2004 Analyzed: 07/07/2004 11:27
LCSD 2004/07/07-02.15-051 Extracted: 07/07/2004 Analyzed: 07/07/2004 11:32

Compound	Conc. mg/L		Exp.Conc.	Recovery %		RPD	Ctrl.Limits %		Flags	
	LCS	LCSD		LCS	LCSD	%	Rec.	RPD	LCS	LCSD
Cadmium	5.00	4.99	5.00	100.0	99.8	0.2	80-120	20		
Lead	5.02	5.00	5.00	100.4	100.0	0.4	80-120	20		

SEVERN TRENT STL

2004-07-0063

STL San Francisco

ADD ON/CHANGE ORDER

New Submission No.: _____

Reference No.: 87415

ORIGINAL SUBMISSION INFORMATION

Name of Caller: Gewen

Bill To: _____

Client Name: Lowery - Mt. New

Call Date: 7/1/04 3day Rush

Attn.: _____ RUSH

Project Mgr.: Stason Foster

Add on Due Date: ~~(8 days)~~ 7/8

Comments: _____

Project Name: Milpitas Sewage

(*) make sure we have enough sampl

Project No.: 869-4 A

PO#: _____

Date Received: 5/25/04

Submission No.: 2004-05-0900

ANALYSIS REQUEST

Sample ID	Date	Time	Matrix	Prev. Spl. #	TPH EPA - ☐ 8015/8021 ☐ 8260B ☐ Gas w/ ☐ BTEX ☐ MTBE	Purgeable Aromatics BTEX EPA - ☐ 8021 ☐ 8260B	TEPH (EPA 8015M) ☐ Silica Gel ☐ Diesel ☐ Motor Oil ☐ Other ___	Fuel Tests EPA 8260B: ☐ Gas ☐ BTEX ☐ Five Oxyenates ☐ DCA, EDB ☐ Ethanol	Purgeable Halocarbons (HVOCs) EPA 8021 by 8260B	Volatile Organics GC/MS (VOCs) ☐ EPA 8260B ☐ 624	Semivolatiles GC/MS ☐ EPA 8270 ☐ 625	Oil & Grease ☐ Petroleum (EPA 1664) ☐ Total	☐ Pesticides ☐ EPA 8081 ☐ 608 ☐ PCBs ☐ EPA 8082 ☐ 608	PNAs by ☐ 8270 ☐ 8310	CAM 17 Metals (EPA 6010/7470/7471)	Metals: ☐ Lead ☐ LUFT ☐ RCRA ☐ Other: ___	~~Low Level Metals by EPA 200.8/6020 (ICP-MS):~~ STLC - Pb	W.E.T (STLC) ☐ ~~☐~~ TCLP - Pb	Hexavalent Chromium pH (24h hold time for H_2O) ☐ ☐	Spec Cond. ☐ Alkalinity ☐ TSS ☐ ☐	Anions: ☐ Cl ☐ SO_4 ☐ NO_3 ☐ F ☐ Br ☐ NO_2 ☐ PO_4	TCLP-cd	TCLP-cr-Hg		NUMBER OF CONTAINERS
BLB-3B	5/21	Soil	Soil	2004-05-0900-4														X							
BLB-8A	5/24		Soil				-8											X							
BLB-8B	5/24						-9											X				X			
BLB-9B	5/24						-11										X	X							
BLB-9C	5/24						-13										X	X							
BLB-10A	5/24	2004-06-0251-					~~-13~~ -3											X				X		X	

Resampl will bring on Tue

Salimpour, Afsaneh 2004-07-0063

From: Gwen Erickson [gerickson@lowney.com]
Sent: Thursday, July 01, 2004 4:18 PM
To: Salimpour, Afsaneh
Subject: TCLP and STLC for Milpitas Sewage

Afsaneh, good afternoon.
Do we have enough sludge to run TCLP for:
LEAD: BLD-3B, BLD-8A, BLD-8B, BLD-9B, BLD-9C and BLD-10A
CADMIUM: BLD-10A and BLD-8B
CHROMIUM and MERCURY: BLD-10A

In addition I need a STLC for LEAD on BLD-9B, BLD-9C

give me a call back today if possible thanks

Sincerly,

Gwendolyn Erickson
Staff Geologist
office: (650) 967-2365 ext. 171
cell: (650) 280-0378
gerickson@lowney.com
LOWNEYASSOCIATES
405 Clyde Avenue
Mountain View, CA 94043

SEVERN TRENT STL

Submission#: 2004-07-0127

Lowney & Associates Mountain View

July 12, 2004

405 Clyde Ave
Mountain View, CA 94043-2209

Attn.: Stason Foster

Project#: 869-4A
Project: Milpitas Sewage

Dear Mr. Foster,

Attached is our report for your samples received on 07/06/2004 17:01
This report has been reviewed and approved for release. Reproduction of this report is permitted only in its entirety.

Please note that any unused portion of the samples will be discarded after 08/20/2004 unless you have requested otherwise.
We appreciate the opportunity to be of service to you. If you have any questions, please call me at (925) 484-1919.
You can also contact me via email. My email address is: asalimpour@stl-inc.com

Sincerely,

Afsaneh Salimpour
Project Manager

SEVERN TRENT STL

Submission: 2004-07-0127

TCLP Metals

Lowney & Associates Mountain View
Attn.: Stason Foster

405 Clyde Ave
Mountain View, CA 94043-2209
Phone: (650) 967-2365 Fax: (650) 967-2785

Project: 869-4A
Milpitas Sewage

Received: 07/06/2004 17:01

Samples Reported

Sample Name	Date Sampled	Matrix	Lab #
BLD-10A	07/06/2004	Soil	1

TCLP Metals

Lowney & Associates Mountain View
Attn.: Stason Foster

405 Clyde Ave
Mountain View, CA 94043-2209
Phone: (650) 967-2365 Fax: (650) 967-2785

Project: 869-4A
Milpitas Sewage

Received: 07/06/2004 17:01

Prep(s):	1311/3010A 1311/7470A	Test(s):	6010B 7470A
Sample ID:	**BLD-10A**	Lab ID:	2004-07-0127 - 1
Sampled:	07/06/2004	Extracted:	7/9/2004 14:06 7/14/2004 06:03
Matrix:	Soil	QC Batch#:	2004/07/09-02.15 2004/07/14-01.16

Compound	Conc.	RL	Unit	Dilution	Analyzed	Flag
Cadmium	ND	0.10	mg/L	1.00	07/09/2004 21:57	
Chromium	ND	0.50	mg/L	1.00	07/09/2004 21:57	
Mercury	ND	0.010	mg/L	1.00	07/14/2004 09:16	

TCLP Metals

Lowney & Associates Mountain View
Attn.: Stason Foster

405 Clyde Ave
Mountain View, CA 94043-2209
Phone: (650) 967-2365 Fax: (650) 967-2785

Project: 869-4A
Milpitas Sewage

Received: 07/06/2004 17:01

Batch QC Report

Prep(s): 1311/3010A

Test(s): 6010B

Method Blank

Soil

QC Batch # 2004/07/09-02.15

MB: 2004/07/09-02.15-034

Date Extracted: 07/09/2004 14:06

Compound	Conc.	RL	Unit	Analyzed	Flag
Cadmium	ND	0.10	mg/L	07/09/2004 21:17	
Chromium	ND	0.50	mg/L	07/09/2004 21:17	

TCLP Metals

Lowney & Associates Mountain View
Attn.: Stason Foster

405 Clyde Ave
Mountain View, CA 94043-2209
Phone: (650) 967-2365 Fax: (650) 967-2785

Project: 869-4A
Milpitas Sewage

Received: 07/06/2004 17:01

Batch QC Report

Prep(s): 7470A
Method Blank
MB: 2004/07/14-01.16-011

Soil

Test(s): 7470A
QC Batch # 2004/07/14-01.16
Date Extracted: 07/14/2004 06:03

Compound	Conc.	RL	Unit	Analyzed	Flag
Mercury	ND	0.010	mg/L	07/14/2004 09:12	

TCLP Metals

Lowney & Associates Mountain View
Attn.: Stason Foster

405 Clyde Ave
Mountain View, CA 94043-2209
Phone: (650) 967-2365 Fax: (650) 967-2785

Project: 869-4A
Milpitas Sewage

Received: 07/06/2004 17:01

Batch QC Report

Prep(s): 1311/3010A

Test(s): 6010B

Laboratory Control Spike **Soil** **QC Batch # 2004/07/09-02.15**

LCS 2004/07/09-02.15-035 Extracted: 07/09/2004 Analyzed: 07/09/2004 21:21

LCSD 2004/07/09-02.15-036 Extracted: 07/09/2004 Analyzed: 07/09/2004 21:25

Compound	Conc. mg/L		Exp.Conc.	Recovery %		RPD	Ctrl.Limits %		Flags	
	LCS	LCSD		LCS	LCSD	%	Rec.	RPD	LCS	LCSD
Cadmium	5.17	5.08	5.00	103.4	101.6	1.8	80-120	20		
Chromium	5.06	4.93	5.00	101.2	98.6	2.6	80-120	20		

TCLP Metals

Lowney & Associates Mountain View
Attn.: Stason Foster

405 Clyde Ave
Mountain View, CA 94043-2209
Phone: (650) 967-2365 Fax: (650) 967-2785

Project: 869-4A
Milpitas Sewage

Received: 07/06/2004 17:01

Batch QC Report

Prep(s): 7470A

Test(s): 7470A

Laboratory Control Spike **Soil** **QC Batch # 2004/07/14-01.16**

LCS 2004/07/14-01.16-012 Extracted: 07/14/2004 Analyzed: 07/14/2004 09:13
LCSD 2004/07/14-01.16-013 Extracted: 07/14/2004 Analyzed: 07/14/2004 09:15

Compound	Conc. mg/L		Exp.Conc.	Recovery %		RPD	Ctrl.Limits %		Flags	
	LCS	LCSD		LCS	LCSD	%	Rec.	RPD	LCS	LCSD
Mercury	0.103	0.101	0.1000	103.0	101.0	2.0	85-115	20		

SEVERN TRENT STL

Submission: 2004-07-0127

TCLP Lead

Lowney & Associates Mountain View
Attn.: Stason Foster

405 Clyde Ave
Mountain View, CA 94043-2209
Phone: (650) 967-2365 Fax: (650) 967-2785

Project: 869-4A
Milpitas Sewage

Received: 07/06/2004 17:01

Samples Reported

Sample Name	Date Sampled	Matrix	Lab #
BLD-10A	07/06/2004	Soil	1

TCLP Lead

Lowney & Associates Mountain View
Attn.: Stason Foster

405 Clyde Ave
Mountain View, CA 94043-2209
Phone: (650) 967-2365 Fax: (650) 967-2785

Project: 869-4A
Milpitas Sewage

Received: 07/06/2004 17:01

Prep(s):	3010A	Test(s):	6010B
Sample ID:	**BLD-10A**	Lab ID:	2004-07-0127 - 1
Sampled:	07/06/2004	Extracted:	7/9/2004 14:06
Matrix:	Soil	QC Batch#:	2004/07/09-02.15

Compound	Conc.	RL	Unit	Dilution	Analyzed	Flag
Lead	ND	0.50	mg/L	1.00	07/09/2004 21:57	

TCLP Lead

Lowney & Associates Mountain View
Attn.: Stason Foster

405 Clyde Ave
Mountain View, CA 94043-2209
Phone: (650) 967-2365 Fax: (650) 967-2785

Project: 869-4A
Milpitas Sewage

Received: 07/06/2004 17:01

Batch QC Report

Prep(s): 1311/3010A

Test(s): 6010B

Method Blank

Soil

QC Batch # 2004/07/09-02.15

MB: 2004/07/09-02.15-034

Date Extracted: 07/09/2004 14:06

Compound	Conc.	RL	Unit	Analyzed	Flag
Lead	ND	0.50	mg/L	07/09/2004 21:17	

TCLP Lead

Lowney & Associates Mountain View
Attn.: Stason Foster

405 Clyde Ave
Mountain View, CA 94043-2209
Phone: (650) 967-2365 Fax: (650) 967-2785

Project: 869-4A
Milpitas Sewage

Received: 07/06/2004 17:01

Batch QC Report

Prep(s): 1311/3010A

Test(s): 6010B

Laboratory Control Spike **Soil** **QC Batch # 2004/07/09-02.15**

LCS 2004/07/09-02.15-035 Extracted: 07/09/2004 Analyzed: 07/09/2004 21:21

LCSD 2004/07/09-02.15-036 Extracted: 07/09/2004 Analyzed: 07/09/2004 21:25

Compound	Conc. mg/L		Exp.Conc.	Recovery %		RPD	Ctrl.Limits %		Flags	
	LCS	LCSD		LCS	LCSD	%	Rec.	RPD	LCS	LCSD
Lead	5.11	4.98	5.00	102.2	99.6	2.6	80-120	20		

LOWNEY ASSOCIATES
Environmental/Geotechnical/Engineering Services

☐ **Mountain View Office**
405 Clyde Ave.
Mountain View 94043
Tel: 650.967.2365
Fax: 650.967.2782

☐ **Oakland Office**
167 Filbert St.
Oakland 94607
Tel: 510.267.1970
Fax: 510.267.1972

☐ **Fullerton Office**
251 E. Imperial Hwy. #470
Fullerton 92835
Tel: 714.441.3090
Fax: 714.441.3091

☐ **San Ramon Office**
2258 Camino Ramon
San Ramon 94583
Tel: 925.275.2555
Fax: 925.275.2555

CHAIN OF CUSTODY RECORD 2004-07-0127

Project Name: Milpitas Sewage
Job No.: 869-4A
Report To: Stason
Sampler (print): Gwen Ericksen.
Sampler (signature): [signature] for Gwen Ericksen

Electronic Deliverable Format Required: ☐ YES ☐ NO
EDF LOGCODE: ☐ LAMV ☐ LAO ☐ LAF
Global ID # :

Turnaround Requirements
☒ **5 Working Days**
☐ **48 Hours**
☐ **24 Hours**
☐ **2-3 Hours RUSH**
☐ _____

QC Requirement:
☒ **Level A (standard)**

ANALYSES REQUESTED 87499

Sample I.D. (Field Point Name)	Date	Time	Lab I.D.	Sample Matrix	No. of Cont.	TPH as gas/BTEX/MTBE Method: ☐8015/8021 ☐8260	TPH as diesel (8015M) ☐add silica gel column ☐add Oil Range	TRPH (418.1) with silica gel column	Halogenated VOCs (former 8010 list) Method: ☐8021 ☐8260 ☐add BTEX	Organochlorine Pesticides (8081)	Metals: ☐As, Pb, Hg ☐17 CAM	Fuel Oxygenates (MTBE, ETBE, TAME, DIPE, TBA, 1,2-DCA, and EDB) by 8260	PAHs (8310)	PCBs (8082)	Lead only TCDLP			Remarks
B1d-1D1A (Sample reads "7/6/05")	7/6/04	A.M		Soil	1										✓			

Relinquished By: Mark P. Suzzi – Lowney	Date: 7/6/04	Time: 12:20pm	Received By: [signature]	Date: 7/6/04	Time: 1220	PM Initial:
Relinquished By: [signature]	Date: 7/6/04	Time: 1701	Received By:	Date:	Time:	
Relinquished By:	Date:	Time:	Lab of Record: STL-SF			Temp: 3°C
			Received by Lab: D. Harrington	Date: 7/6/04	Time: 1701	

SEVERN TRENT STL

Submission#: 2004-07-0686

Lowney & Associates Mountain View

July 27, 2004

405 Clyde Ave
Mountain View, CA 94043-2209

Attn.: Stason Foster

Project#: 869-4A
Project: Milpitas WWTP

Dear Mr. Foster,

Attached is our report for your samples received on 07/22/2004 17:48
This report has been reviewed and approved for release. Reproduction of this report is permitted only in its entirety.

Please note that any unused portion of the samples will be discarded after 09/05/2004 unless you have requested otherwise.
We appreciate the opportunity to be of service to you. If you have any questions, please call me at (925) 484-1919.
You can also contact me via email. My email address is: asalimpour@stl-inc.com

Sincerely,

Afsaneh Salimpour
Project Manager

SEVERN TRENT STL

Submission: 2004-07-0686

Total Lead

Lowney & Associates Mountain View
Attn.: Stason Foster

405 Clyde Ave
Mountain View, CA 94043-2209
Phone: (650) 967-2365 Fax: (650) 967-2785

Project: 869-4A
Milpitas WWTP

Received: 07/22/2004 17:48

Samples Reported

Sample Name	Date Sampled	Matrix	Lab #
C1	07/22/2004	Solid	1
C2	07/22/2004	Solid	2
C3	07/22/2004	Solid	3

Total Lead

Lowney & Associates Mountain View
Attn.: Stason Foster

405 Clyde Ave
Mountain View, CA 94043-2209
Phone: (650) 967-2365 Fax: (650) 967-2785

Project: 869-4A
Milpitas WWTP

Received: 07/22/2004 17:48

Prep(s):	3050B	Test(s):	6010B
Sample ID:	**C1**	Lab ID:	2004-07-0686 - 1
Sampled:	07/22/2004	Extracted:	7/23/2004 18:01
Matrix:	Solid	QC Batch#:	2004/07/23-05.15

Compound	Conc.	RL	Unit	Dilution	Analyzed	Flag
Lead	2.7	1.0	mg/Kg	1.00	07/26/2004 10:57	

Total Lead

Lowney & Associates Mountain View
Attn.: Stason Foster

405 Clyde Ave
Mountain View, CA 94043-2209
Phone: (650) 967-2365 Fax: (650) 967-2785

Project: 869-4A
Milpitas WWTP

Received: 07/22/2004 17:48

Prep(s):	3050B	Test(s):	6010B
Sample ID:	**C2**	Lab ID:	2004-07-0686 - 2
Sampled:	07/22/2004	Extracted:	7/23/2004 18:01
Matrix:	Solid	QC Batch#:	2004/07/23-05.15

Compound	Conc.	RL	Unit	Dilution	Analyzed	Flag
Lead	4.2	1.0	mg/Kg	1.00	07/26/2004 11:08	

Total Lead

Lowney & Associates Mountain View
Attn.: Stason Foster

405 Clyde Ave
Mountain View, CA 94043-2209
Phone: (650) 967-2365 Fax: (650) 967-2785

Project: 869-4A
Milpitas WWTP

Received: 07/22/2004 17:48

Prep(s):	3050B	Test(s):	6010B
Sample ID:	**C3**	Lab ID:	2004-07-0686 - 3
Sampled:	07/22/2004	Extracted:	7/23/2004 18:01
Matrix:	Solid	QC Batch#:	2004/07/23-05.15

Compound	Conc.	RL	Unit	Dilution	Analyzed	Flag
Lead	5.5	1.0	mg/Kg	1.00	07/26/2004 11:29	

Total Lead

Lowney & Associates Mountain View
Attn.: Stason Foster

405 Clyde Ave
Mountain View, CA 94043-2209
Phone: (650) 967-2365 Fax: (650) 967-2785

Project: 869-4A
Milpitas WWTP

Received: 07/22/2004 17:48

Batch QC Report

Prep(s): 3050B

Test(s): 6010B

Method Blank

Soil

QC Batch # 2004/07/23-05.15

MB: 2004/07/23-05.15-062

Date Extracted: 07/23/2004 18:01

Compound	Conc.	RL	Unit	Analyzed	Flag
Lead	ND	1.0	mg/Kg	07/26/2004 10:45	

Total Lead

Lowney & Associates Mountain View
Attn.: Stason Foster

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Mountain View, CA 94043-2209
Phone: (650) 967-2365 Fax: (650) 967-2785

Project: 869-4A
Milpitas WWTP

Received: 07/22/2004 17:48

Batch QC Report

Prep(s): 3050B

Test(s): 6010B

Laboratory Control Spike **Soil** **QC Batch # 2004/07/23-05.15**

LCS 2004/07/23-05.15-063 Extracted: 07/23/2004 Analyzed: 07/26/2004 10:49

LCSD 2004/07/23-05.15-064 Extracted: 07/23/2004 Analyzed: 07/26/2004 10:53

Compound	Conc. mg/Kg		Exp.Conc.	Recovery %		RPD	Ctrl.Limits %		Flags	
	LCS	LCSD		LCS	LCSD	%	Rec.	RPD	LCS	LCSD
Lead	104	101	100.0	104.0	101.0	2.9	80-120	20		

Total Lead

Lowney & Associates Mountain View
Attn.: Stason Foster

405 Clyde Ave
Mountain View, CA 94043-2209
Phone: (650) 967-2365 Fax: (650) 967-2785

Project: 869-4A
Milpitas WWTP

Received: 07/22/2004 17:48

Batch QC Report

Prep(s): 3050B

Test(s): 6010B

Matrix Spike (MS / MSD) **Soil** **QC Batch # 2004/07/23-05.15**

C1 >> MS

Lab ID: 2004-07-0686 - 001

MS: 2004/07/23-05.15-066 Extracted: 07/23/2004 Analyzed: 07/26/2004 11:01
Dilution: 1.00

MSD: 2004/07/23-05.15-067 Extracted: 07/23/2004 Analyzed: 07/26/2004 11:04
Dilution: 1.00

Compound	Conc. mg/Kg			Spk.Level	Recovery %			Limits %		Flags	
	MS	MSD	Sample	mg/Kg	MS	MSD	RPD	Rec.	RPD	MS	MSD
Lead	80.3	83.0	2.74	96.2	80.6	81.1	0.6	75-125	20		

SEVERN TRENT STL

Submission: 2004-07-0686

CAM W.E.T. (STLC) Lead

Lowney & Associates Mountain View
Attn.: Stason Foster

405 Clyde Ave
Mountain View, CA 94043-2209
Phone: (650) 967-2365 Fax: (650) 967-2785

Project: 869-4A
Milpitas WWTP

Received: 07/22/2004 17:48

Samples Reported

Sample Name	Date Sampled	Matrix	Lab #
C1	07/22/2004	Solid	1
C2	07/22/2004	Solid	2
C3	07/22/2004	Solid	3

CAM W.E.T. (STLC) Lead

Lowney & Associates Mountain View
Attn.: Stason Foster

405 Clyde Ave
Mountain View, CA 94043-2209
Phone: (650) 967-2365 Fax: (650) 967-2785

Project: 869-4A
Milpitas WWTP

Received: 07/22/2004 17:48

Prep(s):	3005A	Test(s):	6010B
Sample ID:	**C1**	Lab ID:	2004-07-0686 - 1
Sampled:	07/22/2004	Extracted:	7/26/2004 05:36
Matrix:	Solid	QC Batch#:	2004/07/26-01.15

Compound	Conc.	RL	Unit	Dilution	Analyzed	Flag
Lead	ND	0.50	mg/L	1.00	07/26/2004 10:04	

CAM W.E.T. (STLC) Lead

Lowney & Associates Mountain View
Attn.: Stason Foster

405 Clyde Ave
Mountain View, CA 94043-2209
Phone: (650) 967-2365 Fax: (650) 967-2785

Project: 869-4A
Milpitas WWTP

Received: 07/22/2004 17:48

Prep(s):	3005A	Test(s):	6010B
Sample ID:	**C2**	Lab ID:	2004-07-0686 - 2
Sampled:	07/22/2004	Extracted:	7/26/2004 05:36
Matrix:	Solid	QC Batch#:	2004/07/26-01.15

Compound	Conc.	RL	Unit	Dilution	Analyzed	Flag
Lead	ND	0.50	mg/L	1.00	07/26/2004 10:22	

CAM W.E.T. (STLC) Lead

Lowney & Associates Mountain View
Attn.: Stason Foster

405 Clyde Ave
Mountain View, CA 94043-2209
Phone: (650) 967-2365 Fax: (650) 967-2785

Project: 869-4A
Milpitas WWTP

Received: 07/22/2004 17:48

Prep(s):	3005A	Test(s):	6010B
Sample ID:	**C3**	Lab ID:	2004-07-0686 - 3
Sampled:	07/22/2004	Extracted:	7/26/2004 05:36
Matrix:	Solid	QC Batch#:	2004/07/26-01.15

Compound	Conc.	RL	Unit	Dilution	Analyzed	Flag
Lead	ND	0.50	mg/L	1.00	07/26/2004 10:27	

CAM W.E.T. (STLC) Lead

Lowney & Associates Mountain View
Attn.: Stason Foster

405 Clyde Ave
Mountain View, CA 94043-2209
Phone: (650) 967-2365 Fax: (650) 967-2785

Project: 869-4A
Milpitas WWTP

Received: 07/22/2004 17:48

Batch QC Report

Prep(s): 3005A
Test(s): 6010B

Method Blank **Soil** **QC Batch # 2004/07/26-01.15**

MB: 2004/07/26-01.15-036

Date Extracted: 07/26/2004 05:36

Compound	Conc.	RL	Unit	Analyzed	Flag
Lead	ND	0.50	mg/L	07/26/2004 08:29	

CAM W.E.T. (STLC) Lead

Lowney & Associates Mountain View
Attn.: Stason Foster

405 Clyde Ave
Mountain View, CA 94043-2209
Phone: (650) 967-2365 Fax: (650) 967-2785

Project: 869-4A
Milpitas WWTP

Received: 07/22/2004 17:48

Batch QC Report

Prep(s): 3005A

Test(s): 6010B

Laboratory Control Spike **Soil** **QC Batch # 2004/07/26-01.15**

LCS 2004/07/26-01.15-037 Extracted: 07/26/2004 Analyzed: 07/26/2004 08:33

LCSD 2004/07/26-01.15-038 Extracted: 07/26/2004 Analyzed: 07/26/2004 08:38

Compound	Conc. mg/L		Exp.Conc.	Recovery %		RPD	Ctrl.Limits %		Flags	
	LCS	LCSD		LCS	LCSD	%	Rec.	RPD	LCS	LCSD
Lead	4.91	4.94	5.00	98.2	98.8	0.6	80-120	20		

2004-07-0686

LOWNEY ASSOCIATES
Environmental/Geotechnical/Engineering Services

Mountain View Office ☒
405 Clyde Ave.
Mountain View 94043
Tel: 650.967.2365
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Oakland Office ☐
167 Filbert St.
Oakland 94607
Tel: 510.267.1970
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Fullerton Office ☐
251 E. Imperial Hwy. #470
Fullerton 92835
Tel: 714.441.3090
Fax: 714.441.3091

San Ramon Office ☐
2258 Camino Ramon
San Ramon 94583
Tel: 925.275.2555
Fax: 925.275.2555

CHAIN OF CUSTODY RECORD

Project Name: Milpitas WWTP
Job No.: 869-4A
Report To: STASON FOSTER
Sampler (print): Andrew Matthew
Sampler (signature): [signature]

Electronic Deliverable Format Required: ☐ YES ☐ NO
EDF LOGCODE: ☐ LAMV ☐ LAO ☐ LAF
Global ID # :

Turnaround Requirements
☒ 3 Working Days
☐ 48 Hours
☐ 24 Hours
☐ 2-3 Hours RUSH
☐ _____

QC Requirement:
☒ Level A (standard)

ANALYSES REQUESTED 88052

Sample I.D. (Field Point Name)	Date	Time	Lab I.D.	Sample Matrix	No. of Cont.	TPH as gas/BTEX/MTBE Method: ☐8015/8021 ☐8260	TPH as diesel (8015M) ☐add silica gel column ☐add Oil Range	TRPH (418.1) with silica gel column	Halogenated VOCs (former 8010 list) Method: ☐8021 ☐8260 ☐add BTEX	Organochlorine Pesticides (8081)	Metals: ☐As, Pb, Hg ☐17 CAM	Fuel Oxygenates (MTBE, ETBE, TAME, DIPE, TBA, 1,2-DCA, and EDB) by 8260	PAHs (8310)	PCBs (8082)	TTLC AND STLC LEAD			Remarks
C1	7/22/04			Concrete Core	1										X			*
C2	↓			↓	1										X			*
C3					1										X			*

RUSH

Remarks: PLEASE CRUSH & Homogenize SAMPLES PRIOR TO ANALYSIS

Relinquished By: [signature]	Date: 7/22/04	Time: 5:00	Received By: [signature] Date: 7/4/04 Time: 1401
Relinquished By: [signature]	Date: 7/22/04	Time: 1748	Received By: Date: Time:
Relinquished By:	Date:	Time:	Lab of Record:
			Received by Lab: [signature] Date: 7/22/04 Time: 1748

PM Initial:
Temp: 5

APPENDIX B

ASBESTOS AND LEAD SURVEY REPORT

July 28, 2004

RGA ENVIRONMENTAL INC.

Mr. Stason Foster
Lowney Associates
405 Clyde Avenue
Mountain View, CA 94043

RE: Supplemental Asbestos Sampling
Main Sewage Pump Station
McCarthy Boulevard
Milpitas, California

Dear Mr. Foster:

On July 23, 2004, RGA conducted additional investigation and collected additional suspect material samples at the captioned location. Two (2) samples were collected from gaskets around exposed piping. A third sample was collected from the insulation around electrical wiring in the Operations Building. Each of the three (3) samples contained asbestos.

Material	Location	Asbestos Content
Pipe Gasket	Sedimentation Basin	60% CH
Pipe Gasket	Exterior of Chlorine Building	30% CH
Wiring Insulation	Operations Building	40% CH

CH – Chrysotile Asbestos

The insulation around the electrical wiring was not observed in any other building on the property. Lowney should assume that the wiring insulation throughout the building contains asbestos.

The pipe gasket material was found in two (2) locations on the property. Lowney should assume that all pipes throughout the facility contain asbestos at the joints and fittings.

Please call if you have any questions.

Respectfully,
RGA Environmental, Inc.

Karin Schroeter
Project Manager

Attachments

1466 66th Street ● Emeryville, CA 94608 ● 510-547-7771 ● Fax 510-547-1983

RJ Lee Group, Inc.

530 McCormick Street, San Leandro, CA 94577
Phone: (510) 567-0480 Fax: (510) 567-0488

Laboratory Report

RGA Environmental, Inc.
1466 - 66th Street
Emeryville, CA 94608-2947
Attention: Ms. Karen S.
Telephone: 510-547-7771

Report Date	7/27/2004
Sample Receipt Date.	7/26/2004
RJ Lee Group Job No	AOC407526
Client Job No./Name	LA 10654
Project location	Milpitas Waste Water
Authorization/P.O. No.	LA 10654

Analysis: Asbestos in Bulk Samples
Method: EPA/600/R-93/116

RJLG Sample Number	Client Sample Number	Homogeneous	Asbestos Detected(%)	Non-Asbestos Fibers(%)	Non-Fibrous Materials(%)	Matrix Material	Analyst	Analysis Date
2647860.HPL Description: Brown gasket	183333	Yes	60 CH	-	40 %	CA, B, OP, M	GR	7/26/2004
2647861.HPL Description: Grey gasket	183227	Yes	30 CH	40 CE	30 %	CA, B, OP, M	GR	7/26/2004
2647862.HPL Description: Brown insulation	183263	Yes	40 CH	-	60 %	CA, B, OP, M	GR	7/26/2004

RGA ENVIRONMENTAL
NO. 0193 P. 2/4 PAGE 03/04

HOC-4075

RGA Environmental, Inc.

1466 – 66th Street, Emeryville, CA 94608, Tel: (510) 547-7771, Fax: (510) 547-1983
311 California Street Ste 320, San Francisco, CA 94102, Tel: (415) 834-9660, Fax: (415) 834-9670
948 11th St, Ste 11-I, Modesto, CA 94354, Tel: (209) 525-8108, Fax: (209) 525-8109

ACM BULK SAMPLE DATA SHEET

* PLM Analysis
* Stop Analysis at First Positive

PAGE 1 OF 1

Project Name/Address: MILPITAS WINGTE WATER TREATMENT P.M. Initial: KS

RGA Project #: LA 10654 Sampled By: MANU ZABINSKI Sampling Date: 7.23.04

Sample(s) Sent To: ☐ R.J. Lee ☐ Micro ☒ Other: Turnaround Time: Rush ✓ 24Hrs 3-5 Days

Fax Report To: ☐ 510-547-1983 ☐ 415-834-9670 ☐ 209-525-8109 ☐ (Fax #)

HM# 01	Material Description: GASKET
Sample ID	Sample Location & Material Location
183333	SEDIMENTATION BASIN

HM# 02	Material Description: GASKET
Sample ID	Sample Location & Material Location
183227	EXTERIOR OF CHLORINE BLDG

HM# 03	Material Description: WIRING INSULATION
Sample ID	Sample Location & Material Location
183263	OPERATIONS BLDG

HM#	Material Description:
Sample ID	Sample Location & Material Location

HM#	Material Description:
Sample ID	Sample Location & Material Location

HM#	Material Description:
Sample ID	Sample Location & Material Location

Relinquished By: MANU ZABINSKI Signature: [signature] Date/Time: 7/23/04

Received By: M Sandoval Signature: Date/Time: 7/24/04

RGA
ENVIRONMENTAL INC.

Asbestos Survey Report

Main Sewage Pump Station
McCarthy Boulevard
Milpitas, California

Prepared for:
Stason Foster ~ Lowney Associates

Prepared by:
Mary Zibilich ~ RGA Environmental Inc.

June 14, 2004

LOWNEY ASSOC.
JUN 1 5 2004
RECEIVED

SAN FRANCISCO EMERYVILLE MODESTO

ENVIRONMENTAL INC.

Asbestos Survey Report

Main Sewage Pump Station
McCarthy Boulevard
Milpitas, California

LA 10138

Prepared for:
Stason Foster
Lowney Associates
405 Clyde Avenue
Mountain View, CA 94043

Prepared by:
RGA Environmental Inc.
1466 66th Street
Emeryville, CA 94608

Report prepared by: _____ Mary Zibilich
Senior Industrial Hygienist (CAC 03-3408)

Report reviewed by: _____ Karin Schroeter
Senior Project Manager (CAC #92-0772)

510-547-7771 fax 510-547-1983 www.rgaenv.com

Table of Contents

1. **Executive Summary** 1
2. **Scope of Work** 1
3. **Methods and Sampling Strategy** 2
4. **Asbestos Results** 3
5. **Lead Results** 4
6. **Regulatory Requirements** 5
7. **Limitations** 7

Appendices

A. **Laboratory Results and Chain of Custody – Asbestos**

B. **Laboratory Results and Chain of Custody - Lead**

C. **Site Inspector Certificates**

Asbestos and Lead Survey Report

Main Sewage Pump Station
McCarthy Road
Milpitas, California

1. Executive Summary

The following is a report of the asbestos and lead survey conducted by Mary Zibilich and Jay Puente, Certified Asbestos Consultants (CACs), with RGA Environmental, Inc. (RGA). The survey was performed on May 17, 2004 at the Waste Water Treatment Plant located in Milpitas, California.

A total of twenty (20) homogeneous suspect asbestos-containing materials (ACMs) were identified from the interior and exterior of the buildings. Ten (10) homogeneous materials tested positive for asbestos-content or were assumed to contain asbestos. Regulations require that any time ACMs are impacted during repair, renovation, removal or demolition that the work is performed by properly trained and certified workers.

One (1) ceramic tile and sixteen (16) painted surfaces were sampled for lead. All of the paint samples and the ceramic tile sample collected contained detectable concentrations of lead.

2. Scope of Work

The scope of the survey was as follows:

- Collect a representative number of samples of suspect ACMs following the National Emissions Standards for Hazardous Air Pollutants (NESHAPS) protocol for sample collection for a demolition/renovation survey. Asbestos bulk samples were analyzed using polarized light microscopy (PLM) in accordance with the EPA's July 1993 method for the determination of asbestos in bulk building materials - EPA 600/R-93/116.

- Collect bulk paint chip samples of peeling and/or stratified paint suspected to be lead containing. Bulk samples were analyzed at an accredited laboratory by Flame Atomic Absorption (AA) for Total Lead reported in parts per million (ppm).

- Submit written report including analytical results, regulatory requirements, conclusions and recommendations.

3. Methods and Sampling Strategy

Visual Inspection

Accessible building materials were visually inspected using the methods presented in the federal Asbestos Hazard Emergency Response Act (AHERA) regulations (40 CFR, Part 763) as a guideline. AHERA was originally only applicable to schools, however state and federal Occupational Safety and Health Administration (OSHA) and the Asbestos School Hazard Abatement Reauthorization Act (ASHARA) have adopted the AHERA sampling methodology for all buildings subject to demolition or renovation.

Potential ACMs were also physically assessed for friability, condition and disturbance factors.

Bulk Sampling of Asbestos

Bulk samples of all homogeneous suspect materials were collected. A homogeneous material is defined as a surfacing material, thermal system insulation, or miscellaneous material that is uniform in color, texture and age of construction. Examples of homogeneous materials include:

- Pipe-insulation produced by the same manufacturer and installed during the same time period;
- Resilient flooring of identical color and pattern;
- Troweled on surfacing materials located in contiguous areas.

The buildings were visually inspected for the presence of suspect materials. As materials were identified, bulk samples were obtained with the aid of a coring device or other hand tool and placed into individual sampling bags. Each sample was given a discrete identification number and recorded on field notes as well as chain-of-custody forms. Refer to accompanying tables and appendices for details on material sample locations and results.

Bulk Sampling of Lead Paint

Paint chip samples were collected using a hand scraper and were placed into individual plastic sampling containers. Each sample was provided a discreet sample number, which was recorded on a chain-of-custody form. The samples were transported under chain-of-custody procedures Schneider Laboratories, Inc. (Schneider). Please refer to Table III for details on sample locations and sample results.

Bulk Sample Analysis

Schneider Labs. analyzed bulk samples. Schneider is accredited under the National Institute of Standards and Technology's National Voluntary Laboratory Accreditation Program (NVLAP).

All samples were analyzed using polarized light microscopy (PLM) techniques in accordance with methodology approved by the U.S. Environmental Protection Agency (EPA). As set forth in the Code of Federal Regulations, 40 CFR Part 763, Appendix A to Subpart F, Section 1.2 and 1.7.2.4, the lower limit of reliability detection for asbestos using the PLM method is approximately one percent (1%) by volume. Cal-OSHA defines asbestos containing construction materials (ACCM) as those materials having an asbestos content of greater than one tenth of one percent (>0.1%).

When None Detected (ND) appears in this report, it should be interpreted as meaning no asbestos was observed in the sample material above the reliable limit of detection for the PLM method.

Note: under EPA assessment criteria, if a single sample of a homogeneous material tests positive for asbestos, all homogeneous materials in that functional space are considered to be asbestos-containing.

All paint samples were analyzed for lead content using the Flame Atomic Absorption spectroscopy in accordance to EPA Method SW846-3050-7000A. When "<" appears in the lead sample report, it should be interpreted as meaning below analytical detection limit and no lead was detected in the paint sample.

4. Asbestos Results

During the survey, a total of twenty (20) homogeneous suspect ACMs were identified in the buildings. Ten (10) of the homogeneous materials were found to contain asbestos or were assumed to contain asbestos. The materials tested are listed in Table I below:

TABLE I
ASBESTOS-CONTAINING MATERIALS

Material Description	Material Location	Asbestos Type
Window Putty	Operations Building	4% CH
Ceramic Floor Tile, Grout Mortar and Mastic	Operations Building Restroom	Tile: ND Grout: 2% CH Mortar: ND Mastic: <1% CH
Penetration Mastic	Operations Building Roof	6% CH
Bituminous Pipe Coating	Operations Building in Wall Cavity	10% CH
HVAC Expansion Joint	Operations Building Roof	5% CH

Material Description	Material Location	Asbestos Type
Thermal System Insulation Pipe Run	Digester Exterior Pipe	45% CH
Window Putty	Chlorine Building	<1% CH
Transite Pipe	Operations Building	20% CH
4' Gray Pipe Wrap Coating	Sedimentation Basin	45% CH
Roof Field*	Digester	Assumed

CH = Chrysotile, ND = None Detect
*The roof of the Digester was not safe to access at the time of the survey due to instability of the wood deck. The material was therefore assumed to contain asbestos.

Ten (10) suspect materials did not contain asbestos. The non-asbestos containing materials are listed in Table II, below and in detail in the Appendices.

TABLE II
NON-ASBESTOS-CONTAINING MATERIALS

Material Description	Material Location
Residual Basecove Mastic	Operations Building
Wall Plaster	Operations Building
Drywall (Unfinished)	Operations Building
Ceramic Wall Tile, Grout and Mortar	Operations Building Restroom
Roof Field – Tar & Gravel	Operations Building
HVAC Duct Seam Tape	Chlorine Building
Leveling Compound	Shed
12" Acoustical Ceiling Tile	Shed
Insulation Around Hatch	Sedimentation Basin
Vibration Joint	Sedimentation Basin

5. Lead Results

Paint samples were collected from interior and exterior building components. The ceramic tile sample was collected from interior restroom of the Operations Building. Table III below summarizes the sample location and lead content of the material.

TABLE III
LEAD IN PAINT SAMPLE RESULTS

Sample Number	Sample Description	Results (PPM)
179763	Operations Building: White exterior paint on wood siding	9,330
179794	Operations Building: Light green interior paint on wall plaster	70
179780	Operations Building: Red interior paint on concrete floor	5,020
179758	Operations Building: Ceramic floor tile	52,620
187880	Digester: Gray exterior paint on metal steps	224,230
179796	Digester: Orange exterior paint on metal pipes	5,620
187869	Digester: Yellow exterior paint on concrete	7,890
179791	Settling Basin: Yellow exterior paint on concrete	12,770
179790	Settling Basin: Light blue interior paint on concrete	7,700
179789	Settling Basin: Gray exterior paint on metal pipes	7,910
187857	Settling Basin: Gray exterior paint on metal hand rail	5,480
179785	Slug Basin: Blue exterior paint on metal pipe/tank	1,440
179788	Chlorine Building: Light blue paint on metal door	950
179779	Shed: Green exterior paint on wood siding	141,740
179776	Sedimentation Basin: Gray exterior paint on metal pole	37,060
179775	In Flow Building: Yellow exterior paint on concrete	300

PPM = parts per million

6. Regulatory Requirements

Asbestos

Asbestos-containing building materials at the subject facility contain asbestos in concentrations greater than one tenth of one percent (0.1%). Impacting materials containing greater than 0.1% asbestos either through repair, maintenance, renovation or demolition activities triggers numerous regulations enforced by such agencies as OSHA (worker protection) and EPA (environmental exposure, transportation and disposal).

Listed below are the regulations that apply if the materials are removed:

- Any individual who contracts to provide health and safety services relating to ACMs must be certified by Cal-OSHA as either a Certified Asbestos Consultant or a Site Surveillance Technician. The activities they are certified to provide include:

conducting asbestos surveys; writing work plans or specifications for abatement; monitoring the work of abatement contractors; collecting air samples; and determining if the work area is safe for re-occupancy by non-asbestos workers. Regulation: Cal-OSHA 8 CCR 1529 (q)(1).

- If more than 100 square feet of materials that contain greater than 0.1% asbestos will be abated, they must be abated by a Cal-OSHA registered asbestos abatement contractor. Regulation: Cal-OSHA 8 CCR 1529 (R).

- ACMs that are classified by OSHA as thermal systems insulation were identified. This work is considered a Class I activity according to OSHA regulations. Work practices and engineering controls include critical barriers or isolation of the work area in combination with perimeter monitoring. Regulation: Cal-OSHA 8 CCR 1529 (g) (7) (B)

Lead-Containing Paint

Lead-containing paints were identified at the subject site. Impacting lead-containing paint either through repair, maintenance, renovation or demolition activities triggers numerous regulations enforced by such agencies as OSHA (worker protection) and EPA (environmental exposure, transportation and disposal).

Listed below are the lead paint regulations that apply if the paint is removed:

- There are presently no federal, state or local regulations limiting the concentration of lead in public sector buildings, however several regulations established for the private sector as well as for government subsidized housing are used industry wide as guidelines for assessing exposure to lead. The Consumer Product Safety Commission (CPSC) has set a maximum limit of 600 ppm in paint used for residential purposes and the Department of Housing and Urban Development (HUD) requires abatement of paints containing lead in concentrations exceeding 5,000 ppm.

- Disposal of all lead-containing paints is regulated at concentrations at or exceeding 350 ppm as stated in 40 Code of Federal Regulations (CFR) Part 263 - Land Disposal Regulations and Title 22, Division 4 Environmental Health of the California Administrative Code. However, lead related work at any lead concentration is regulated under the Occupational Safety and Health statutes.

- The Federal Occupational Safety and Health Administration (OSHA) as well as California OSHA regulate all worker exposure during construction activities that impact lead-containing paint. OSHA enforces the Lead Exposure in Construction; Interim Final Rule found in 29 CFR Part 1926.62. The scope covers construction work where employees may be exposed to lead during such activities as demolition, removal, surface preparation for re-painting, renovation, clean-up and routine

maintenance. The OSHA specified method of compliance includes respiratory protection, protective clothing and equipment, housekeeping, hygiene facilities, medical surveillance, training, etc.

- EPA Title X requires that the EPA and/or individual states develop training/certification regulations for individuals engaged in lead-based paint activities and requires the EPA to issue guidelines and evaluate renovation and remodeling activities involving lead paint.

7. Limitations

The information provided in this report is not intended to be used as a biddable document for abatement purposes.

Note that destructive testing was not conducted during the survey and additional inspections and testing may be conducted prior to demolition or renovation activities.

ENVIRONMENTAL INC.

Appendix A

Laboratory Results and Chain of Custody – Asbestos

510-547-7771 fax 510-547-1983 www.rgaenv.com

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AIHA/ELLAP 100527, NVLAP 101150-0, NYELAP/NELAC 11413, CAELAP 2078, NC 593

LABORATORY ANALYSIS REPORT
Asbestos Identification by EPA Method 600/R-93/116

ACCOUNT: 3002-04-322
CLIENT: RGA Environmental Inc.
ADDRESS: 1466 66TH STREET
EMERYVILLE, CA 94608-1014

DATE COLLECTED: 5/17/2004
DATE RECEIVED: 5/18/2004
DATE ANALYZED: 5/19/2004
DATE REPORTED: 5/19/2004

PO NO.:
PROJECT NAME: Milpitas Sewer Pump
PROJECT NO.: LA10138
JOB LOCATION: Milpitas, CA

Client Sample No.	SLI Sample/ Layer ID	Sample Identification/ Layer Name	Asbestos Detected (Yes/No)	Sample Description
179762	28019764	Operations Bldg.		
	Layer 1:	Window Putty	**Yes**	Beige, Soft
	4% Asbestos	CHRYSOTILE 4%		
	96% Non-Asbestos	NON FIBROUS MATERIAL 96%		
179782	28019765	Operations Bldg.		
	Layer 1:	Cove Base Mastics	**No**	Black/Brown, Bituminous, Brittle
	100% Non-Asbestos	NON FIBROUS MATERIAL 100%		
	Unable to separate individual layers.			
179793	28019766	Operations Bldg.		
	Layer 1:	Cove Base Mastics	**No**	Black/Brown, Bituminous, Brittle
	100% Non-Asbestos	NON FIBROUS MATERIAL 100%		
	Unable to separate individual layers.			
179781	28019767	Operations Bldg.		
	Layer 1:	Wall Plaster	**No**	White, Granular
	100% Non-Asbestos	CELLULOSE FIBER 3%, NON FIBROUS MATERIAL 97%		
179784	28019768	Operations Bldg.		
	Layer 1:	Wall Plaster	**No**	White, Granular
	100% Non-Asbestos	CELLULOSE FIBER 2%, NON FIBROUS MATERIAL 98%		

Samples analyzed by the EPA Test Method are subject to the inherent limitations of light microscopy including interference by matrix components. Gravimetric reduction and correlative analyses are recommended for all non-friable, organically bound materials. For calibrated visual estimate, 1% is the concentration at which there is a quantitative uncertainty. This report relates only to the items tested, must not be reproduced except in full with the approval of the lab, and must not be used to claim NVLAP or other government agency endorsement.

Client Sample No.	SLI Sample/ Layer ID	Sample Identification/ Layer Name	Asbestos Detected (Yes/No)	Sample Description
179760	28019769	Operations Bldg.		
	Layer 1:	Wall Plaster	No	White, Granular
	100% Non-Asbestos		CELLULOSE FIBER 2%, NON FIBROUS MATERIAL 98%	
179770	28019770	Operations Bldg.		
	Layer 1:	Drywall	No	White, Powdery
	100% Non-Asbestos		CELLULOSE FIBER 4%, NON FIBROUS MATERIAL 96%	
179756	28019771	Operations Restroom		
	Layer 1:	Grout	Yes	Tan, Granular
	2% Asbestos		CHRYSOTILE 2%	
	98% Non-Asbestos		CELLULOSE FIBER 2%, NON FIBROUS MATERIAL 96%	
	Layer 2:	Mortar	No	Gray, Granular
	100% Non-Asbestos		CELLULOSE FIBER 3%, NON FIBROUS MATERIAL 97%	
	Layer 3:	Mastic	Yes	Black, Bituminous
	< 1% (Trace) Asbestos		CHRYSOTILE < 1%	
	100% Non-Asbestos		NON FIBROUS MATERIAL 100%	
179754	28019772	Operations R.R.		
	Layer 1:	Grout	No	Beige, Granular
	100% Non-Asbestos		NON FIBROUS MATERIAL 100%	
	Layer 2:	Mortar	No	White, Granular
	100% Non-Asbestos		CELLULOSE FIBER 2%, NON FIBROUS MATERIAL 98%	
187875	28019773	Operations Bldg.		
	Layer 1:	Roof Tar	No	Black, Bituminous
	100% Non-Asbestos		MINERAL/GLASS WOOL 4%, NON FIBROUS MATERIAL 96%	
	Layer 2:	Fibrous Material	No	Brown, Fibrous
	100% Non-Asbestos		CELLULOSE FIBER 70%, NON FIBROUS MATERIAL 30%	
179786	28019774	Operations Bldg.		
	Layer 1:	Roof Tar	No	Black, Bituminous
	100% Non-Asbestos		MINERAL/GLASS WOOL 3%, NON FIBROUS MATERIAL 97%	
	Layer 2:	Fibrous Material	No	Brown, Fibrous
	100% Non-Asbestos		CELLULOSE FIBER 65%, NON FIBROUS MATERIAL 35%	
179766	28019775	Operations Bldg.		
	Layer 1:	Mastic	Yes	Black, Bituminous
	6% Asbestos		CHRYSOTILE 6%	
	94% Non-Asbestos		NON FIBROUS MATERIAL 94%	

Samples analyzed by the EPA Test Method are subject to the inherent limitations of light microscopy including interference by matrix components. Gravimetric reduction and correlative analyses are recommended for all non-friable, organically bound materials. For calibrated visual estimate, 1% is the concentration at which there is a quantitative uncertainty. This report relates only to the items tested, must not be reproduced except in full with the approval of the lab, and must not be used to claim NVLAP or other government agency endorsement.

Client Sample No.	SLI Sample/ Layer ID	Sample Identification/ Layer Name	Asbestos Detected (Yes/No)	Sample Description
179799	28019776	Operations Bldg.		
	Layer 1:	Mastic		
	Not analyzed due to positive stop instructions.			
187879	28019777	Operations Bldg.		
	Layer 1:	Pipe Coating	**Yes**	Gray/Black, Bituminous
	10% Asbestos	CHRYSOTILE 10%		
	90% Non-Asbestos	NON FIBROUS MATERIAL 90%		
179765	28019778	Operations Bldg.Roof		
	Layer 1:	Joint Material	**Yes**	Black, Bituminous
	5% Asbestos	CHRYSOTILE 5%		
	95% Non-Asbestos	NON FIBROUS MATERIAL 95%		
	Layer 2:	Fibrous Material	**No**	White, Fibrous
	100% Non-Asbestos	MINERAL/GLASS WOOL 90%, NON FIBROUS MATERIAL 10%		
187881	28019779	Digester Ext.Pipe		
	Layer 1:	TSI Insulation	**Yes**	Beige, Fibrous
	45% Asbestos	AMOSITE 40%, CHRYSOTILE 5%		
	55% Non-Asbestos	NON FIBROUS MATERIAL 55%		
187858	28019780	Chlorine Bldg.		
	Layer 1:	Duct Tape	**No**	Silver, Soft
	100% Non-Asbestos	NON FIBROUS MATERIAL 100%		
179798	28019781	Chlorine Bldg.		
	Layer 1:	Window Putty	**Yes**	White, Granular
	< 1% (Trace) Asbestos	CHRYSOTILE < 1%		
	100% Non-Asbestos	NON FIBROUS MATERIAL 100%		
179768	28019782	Chlorine Bldg.		
	Layer 1:	Window Putty	**Yes**	Gray, Soft
	< 1% (Trace) Asbestos	CHRYSOTILE < 1%		
	100% Non-Asbestos	NON FIBROUS MATERIAL 100%		
179778	28019783	Shed		
	Layer 1:	Leveling Compound	**No**	Beige, Granular
	100% Non-Asbestos	CELLULOSE FIBER 2%, NON FIBROUS MATERIAL 98%		
179783	28019784	Shed		
	Layer 1:	Leveling Compound	**No**	Beige, Granular
	100% Non-Asbestos	CELLULOSE FIBER 1%, NON FIBROUS MATERIAL 99%		

Samples analyzed by the EPA Test Method are subject to the inherent limitations of light microscopy including interference by matrix components. Gravimetric reduction and correlative analyses are recommended for all non-friable, organically bound materials. For calibrated visual estimate, 1% is the concentration at which there is a quantitative uncertainty. This report relates only to the items tested, must not be reproduced except in full with the approval of the lab, and must not be used to claim NVLAP or other government agency endorsement.

ACCOUNT - WORKORDER: 3002-04-322

Client Sample No.	SLI Sample/ Layer ID	Sample Identification/ Layer Name	Asbestos Detected (Yes/No)	Sample Description
179767	28019785	Shed		
	Layer 1:	Acous Ceiling Tile	No	Tan, Fibrous
	100% Non-Asbestos	CELLULOSE FIBER 65%, NON FIBROUS MATERIAL 35%		
179787	28019786	Shed		
	Layer 1:	Acous Ceiling Tile	No	Tan, Fibrous
	100% Non-Asbestos	CELLULOSE FIBER 70%, NON FIBROUS MATERIAL 30%		
179795	28019787	Operations Bldg.		
	Layer 1:	Transite Pipe	Yes	Gray, Hard
	20% Asbestos	CHRYSOTILE 20%		
	80% Non-Asbestos	NON FIBROUS MATERIAL 80%		
179800	28019788	Sedimentation Basin		
	Layer 1:	Insulation	No	Tan, Fibrous
	100% Non-Asbestos	CELLULOSE FIBER 65%, NON FIBROUS MATERIAL 35%		
179777	28019789	Sedimentation Basin		
	Layer 1:	Vibration Joint	No	Black, Rubbery
	100% Non-Asbestos	NON FIBROUS MATERIAL 100%		
179792	28019790	Sedimentation Basin		
	Layer 1:	Pipe Wrap Coating	Yes	Gray, Fibrous
	45% Asbestos	CHRYSOTILE 45%		
	55% Non-Asbestos	CELLULOSE FIBER 20%, NON FIBROUS MATERIAL 35%		

ANALYST: HALA A. OSMAN
Total no. of pages in report = 4

REVIEWED BY **Beverly A. Schrage, Analyst**

Samples analyzed by the EPA Test Method are subject to the inherent limitations of light microscopy including interference by matrix components. Gravimetric reduction and correlative analyses are recommended for all non-friable, organically bound materials. For calibrated visual estimate, 1% is the concentration at which there is a quantitative uncertainty. This report relates only to the items tested, must not be reproduced except in full with the approval of the lab, and must not be used to claim NVLAP or other government agency endorsement.

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Fax: (415) 834-9670

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Fax: (209) 525-8109

ACM BULK SAMPLE DATA SHEET

☒ PLM Analysis
☒ Stop Analysis at First Positive

PAGE 1 OF 1

Project Name/Address: MILPITAS SEWER PUMP STATION, MILPITAS, CA P.M. Initial: KS

RGA Project #: LA 10138 Sampled By: MARK & JAY Sampling Date: 5.17.04

Sample(s) Sent To: ☐ R.J. Lee ☐ Micro ☒ Other: _____ Turnaround Time: ___ Rush ☒ Same ___ 3-5 Days

Fax Report To: ☒ 510-547-1983 ☐ 415-834-9670 ☐ 209-525-8109 ☐ (Fax #) _____

HM# 01	**Material Description:** WINDOW PUTTY
179762	OPERATIONS BLDG
HM# 02	**Material Description:** RESIDUAL COVE BASE MASTIC
179782	OPERATIONS BLDG
179793	" "
HM# 03	**Material Description:** WALL PLASTER
179781	OPERATIONS BLDG
179784	" "
179760	
HM# 04	**Material Description:** DRYWALL (UNFINISHED)
179770	OPERATIONS BLDG
HM# 05	**Material Description:** CERAMIC FLOOR TILE (MULTI SIZED) GROUT & MORTAR
179756	OPERATIONS RESTROOM
HM# 06	**Material Description:** CERAMIC WALL TILE GROUT & MORTAR
179794	OPERATIONS R.R.

Relinquished By: MARK [illegible] Signature: [illegible] Date/Time: 5/19/04

Received By: [illegible] 10:30 Signature: S-CB-4 Date/Time: [illegible]

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ACM BULK SAMPLE DATA SHEET

* PLM Analysis
* Stop Analysis at First Positive

Project Name/Address: MILPITAS SEWER PUMP STATION, MILPITAS, CA P.M. Initial: KS

RGA Project #: LA Sampled By: MARY & JAY Sampling Date: 5.17.04

Sample(s) Sent To: ☐ R.J. Lee ☐ Micro ☒ Other: Turnaround Time: Rush 24Hrs 3-5 Days

Fax Report To: ☒ 510-547-1983 ☐ 415-834-9670 ☐ 209-525-8109 ☐ (Fax #)

HM# 07	Material Description: ROOF FELT - TAR & GRAVEL
187875	OPERATIONS BLDG
179786	" "

HM# 08	Material Description: PENETRATION MASTIC - ROOF
179766	OPERATIONS BLDG
179799	" "

HM# 09	Material Description: BITUMINOUS PIPE COATING
187879	OPERATIONS BLDG

HM# 10	Material Description: HVAC EXPANSION JOINT
179765	OPERATIONS BLDG ROOF

HM# 11	Material Description: TSI INSULATION - RUN (W/ METAL JACKET)
187881	DIGESTER EXTERIOR PIPE

HM# 12	Material Description: HVAC DUCT SEAM TAPE
187856	CHLORINE BLDG

Relinquished By: MARY TIMLICH Signature: [signature] Date/Time: 5/17/04

Received By: M. Elliott 10:30 Signature: [signature] Date/Time: [signature]

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ACM BULK SAMPLE DATA SHEET

☐ Stop Analysis at First Positive

PAGE 3 OF 4

Project Name/Address: MILPITAS SEWAGE PUMP STATION, MILPITAS, CA P.M. Initial: KS

RGA Project #: LA Sampled By: MARK & JAY Sampling Date: 5.17.04

Sample(s) Sent To: ☐ R.J. Lee ☐ Micro ☒ Other: Turnaround Time: Rush 24Hrs 3-5 Days

Fax Report To: ☑ 510-547-1983 ☐ 415-834-9670 ☐ 209-525-8109 ☐ (Fax #)

HM# 13	Material Description: WINDOW PUTTY
179798	CHLORINE BLDG
179768	" "
HM# 14	Material Description: TEVELINE COMPOUND
179778	SHED
179783	" "
HM# 15	Material Description: 12" ACOUSTICAL CEILING TILE
179767	SHED
179787	" "
HM# 16	Material Description: TRANSITE PIPE
179795	OPERATIONS BLDG
HM# 17	Material Description: INSULATION AROUND HATCH
179800	SEDIMENTATION BASIN
HM# 18	Material Description: VIBRATION JOINT
179777	SEDIMENTATION BASIN

Relinquished By: MARK TRAUTH Signature: [signature] Date/Time: 5/17/04

Received By: M Gallardo 10:30 Signature: [signature] Date/Time: [illegible]

RGA Environmental, Inc.

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ACM BULK SAMPLE DATA SHEET

[redacted] Analysis
Stop Analysis at First Positive [redacted] PAGE 4 OF 4

Project Name/Address: MILPITAS SEWER PUMP PLANT, MILPITAS, CA P.M. Initial: KS
RGA Project #: LA Sampled By: MARY & JAY Sampling Date: 5.19.04
Sample(s) Sent To: ☐ R.J. Lee ☐ Micro ☐ Other: _____ Turnaround Time: ___ Rush [redacted] ___ 3-5 Days
Fax Report To: ☐ 510-547-1983 ☐ 415-834-9670 ☐ 209-525-8109 ☐ (Fax #) _____

HM#	Material Description:
1	PIPE INSULATION COATING 4' (GRAY)
179792	SEDIMENTATION BASIN
HM#	Material Description:
HM#	Material Description:
HM#	Material Description:
HM#	Material Description:
HM#	Material Description:

Relinquished By: _____ Signature: _____ Date/Time: _____
Received By: [signature] 10:30 Signature: [signature] Date/Time: 5.20.04

ENVIRONMENTAL INC.

Appendix B

Laboratory Results and Chain of Custody – Lead

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SCHNEIDER LABORATORIES

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LABORATORY ANALYSIS REPORT

Lead Analysis by EPA 3050B/7420 Method

ACCOUNT #: 3002-04-316
CLIENT: RGA Environmental Inc.
ADDRESS: 1466 66TH STREET
EMERYVILLE, CA 94608-1014
PO NO.:
PROJECT NAME: Milpitas Sener
PROJECT NO: LA 10138
JOB LOCATION: Pump Station

DATE COLLECTED: 5/17/2004
DATE RECEIVED: 5/18/2004
DATE ANALYZED: 5/18/2004
DATE REPORTED: 5/19/2004

SAMPLE TYPE: PAINT

SLI Sample No.	Client Sample No.	Sample Description	Sample Wt (mg)	Dilution Factor	Total Lead (µg)*	Lead Conc (% by wt)	Lead Conc (PPM)
28019371	179763	Operation Bldg Ext	522	10	4,870.2	0.933	9330
28019372	179794	Int Operation Bldg	558	1	36.9	0.007	70
28019373	179780	Int Operation Bld Fl	416	10	2,089.8	0.502	5020
28019375	187880	Digester	353	100	79,154.2	22.423	224230
28019376	179796	Digester Ext Pipes	478	10	2,685.6	0.562	5620
28019377	187869	Digester Exterior	466	10	3,678.6	0.789	7890
28019378	179791	Ext Dr Setting Basin	314	10	4,009.6	1.277	12770
28019379	179790	Setting Tank Mech Rm	482	10	3,711.7	0.770	7700
28019380	179789	Ext Setting Tank	80	1	632.7	0.791	7910
	Sample weight below protocol guidelines.						
28019381	187857	Setting Tank	430	10	2,354.6	0.548	5480
28019382	179785	Slug Basin	502	1	722.0	0.144	1440
28019383	179788	Chlorine Bldg	681	1	649.2	0.095	950
	Sample contains substrate which may affect the calculation of weight percent.						
28019384	179779	Shed	430	100	60,949.2	14.174	141740
28019385	179776	Sedimentation Basin	541	50	20,048.1	3.706	37060
28019386	179775	In Floor	289	1	86.5	0.030	300

Analysis Run ID: 30152

ANALYST: HANY IBRAHIM
Total no. of pages in report = 1

REVIEWED BY

*Minimum Reporting Limit: 20 µg Total Lead. For work involving HUD, child-occupied building and other residential units, the Federal Lead Standard is 0.5% lead by weight [5000 ppm]. The requirements of the OSHA Lead in Construction Standard, 29 CFR 1926.62, are invoked if any lead is present in the sample; there is no minimum concentration. Lead-free paint is defined as <0.06% by weight (CPSC). *For true values, assume two (2) significant figures. All testing is performed in strict accordance with Schneider Laboratories, Inc. protocol.*

3002.07-516

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☐ 948 - 11th St., Ste 11-1, Modesto, CA 94354, Tel: (209) 525-8108, Fax: (209) 525-8109

LEAD PAINT SAMPLE DATA SHEET

* Lead Analysis
- Total Threshold Limit Concentration

[redacted]

Project Name/Address: MILPITAS SEWER PUMP STATION, MILPITAS, CA P.M. Initial: KS

RGA Project #: LA 10138 Sampled By: MARY & JAY Sampling Date: 5.17.04

Sample(s) Sent To: ☐ R.J. Lee ☐ Micro ☐ Other: _____ Turnaround Time: ___ Rush ☒ 24Hrs ___ 3-5 Days

Fax Report To: ☐ 510-547-1983 ☐ 415-834-9670 ☐ 209-525-8109 ☐ (Fax #) _____

Sample No.	Paint Color/Substrate/Sample Location	Paint Condition
179763	Paint Color: WHITE Substrate: WOOD Composite Sample: Y / N Sample Location: OPERATIONS BLDG EXTERIOR	LOOSE
179794	Paint Color: LIGHT GREEN Substrate: WALL PLASTER Composite Sample: Y / N Sample Location: INTERIOR OPERATIONS BLDG	LOOSE
179780	Paint Color: RED Substrate: CONCRETE Composite Sample: Y / N Sample Location: INTERIOR OPERATIONS BLDG FL.	
179758	Paint Color: CERAMIC Substrate: FLOOR TILE Composite Sample: Y / N Sample Location: OPERATIONS BLDG RESTROOM	
187880	Paint Color: GRAY Substrate: METAL STEPS Composite Sample: Y / N Sample Location: DIGESTER	
179796	Paint Color: ORANGE Substrate: METAL PIPES Composite Sample: Y / N Sample Location: DIGESTER EXTERIOR PIPES	
187869	Paint Color: YELLOW Substrate: CONCRETE Composite Sample: Y / N Sample Location: DIGESTER EXTERIOR	
179791	Paint Color: YELLOW Substrate: CONCRETE Composite Sample: Y / N Sample Location: EXTERIOR DOOR - SETTING BASIN	

Relinquished By: MARY UNRICH Signature: [signature] Date/Time: 5/17/04

Received By: [signature] 10:30 AM Signature: 5-18-4 (P) 8446600 3 8670 (P) Date/Time:

3002-04-316.

RGA Environmental, Inc.

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Emeryville, CA 94608
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Fax: (510) 547-1983

☐ 311 California Street Ste 320
San Francisco, CA 94102
Tel: (415) 834-9660
Fax: (415) 834-9670

☐ 948 - 11th St., Ste 11-I
Modesto, CA 94354
Tel: (209) 525-8108
Fax: (209) 525-8109

LEAD PAINT SAMPLE DATA SHEET

* Lead Analysis
Total Threshold Limit Concentration

Project Name/Address: MILPITAS SEWER PUMP STATION, MILPITAS P.M. Initial: KS

RGA Project #: LA 10138 Sampled By: MANUEL JAY Sampling Date: 5-17-04

Sample(s) Sent To: ☐ R.J. Lee ☐ Micro ☒ Other: _____ Turnaround Time: ___Rush ___24Hrs ___3-5 Days

Fax Report To: ☒ 510-547-1983 ☐ 415-834-9670 ☐ 209-525-8109 ☐ (Fax #) _____

Sample No.	Paint Color/Substrate/Sample Location	Results Analysis
179790	Paint Color: LT. BLUE Substrate: CONCRETE Composite Sample: Y / N Sample Location: SETTING TANK MECHANICAL ROOM	
179789	Paint Color: GRAY Substrate: METAL PIPES Composite Sample: Y / N Sample Location: EXT. SETTING TANK	
187859	Paint Color: GRAY Substrate: METAL HAND RAIL Composite Sample: Y / N Sample Location: SETTING TANK	
179785	Paint Color: BLUE Substrate: METAL PIPE/TANK Composite Sample: Y / N Sample Location: SLUG BASIN	
179788	Paint Color: LT. BLUE Substrate: METAL DOOR Composite Sample: Y / N Sample Location: CHLORINE BLDG	
179779	Paint Color: GREEN Substrate: WOOD Composite Sample: Y / N Sample Location: SHED	
179776	Paint Color: GRAY Substrate: METAL POLE Composite Sample: Y / N Sample Location: SEDIMENTATION BASIN	
179775	Paint Color: YELLOW Substrate: CONCRETE Composite Sample: Y / N Sample Location: IN FLOW	

Relinquished By: MANU TRONCH Signature: [illegible] Date/Time: 5/17/04

Received By: [illegible] 5-18-4 Signature: [illegible] 10:30 h Date/Time:

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LABORATORY ANALYSIS REPORT

Lead Analysis by EPA 3050B/7420 Method

ACCOUNT #: 3002-04-323
CLIENT: RGA Environmental Inc.
ADDRESS: 1466 66TH STREET
EMERYVILLE, CA 94608-1014

DATE COLLECTED: 5/17/2004
DATE RECEIVED: 5/18/2004
DATE ANALYZED: 5/18/2004
DATE REPORTED: 5/19/2004

PO NO.:
PROJECT NAME: Milpitas Sener
PROJECT NO.: LA 10138
JOB LOCATION: Pump Station

SAMPLE TYPE: BULK

SLI Sample No.	Client Sample No.	Sample Description	Sample Wt (mg)	Dilution Factor	Total Lead (µg)*	Lead Conc (% by wt)
28020532	179758	Operation Bld RestRm	815	50	42,887.1	5.262

Analysis Run ID: 30152

ANALYST: HANY IBRAHIM
Total no. of pages in report = 1

REVIEWED BY

*Minimum Reporting Limit: 20 µg Total Lead. For work involving HUD, child-occupied building and other residential units, the Federal Lead Standard for paint is 0.5% lead by weight [5000 ppm]. *For true values, assume two (2) significant figures. All testing is performed in strict accordance with Schneider Laboratories, Inc. protocol.*

300204-323.

RGA Environmental, Inc.
1466 - 66th Street, Emeryville, CA 94608, Tel: (510) 547-7771, Fax: (510) 547-1983
311 California Street Ste 320, San Francisco, CA 94102, Tel: (415) 834-9660, Fax: (415) 834-9670
948 - 11th St., Ste 11-I, Modesto, CA 94354, Tel: (209) 525-8108, Fax: (209) 525-8109

LEAD PAINT SAMPLE DATA SHEET

* Lead Analysis
- Total Threshold Limit Concentration

PAGE 1 OF 2

Project Name/Address: MILPITAS SEWER PUMP STATION, MILPITAS, CA P.M. Initial: KS
RGA Project #: LA 10138 Sampled By: MARK & JAY Sampling Date: 5.17.04
Sample(s) Sent To: ☐ R.J. Lee ☐ Micro ☐ Other: Turnaround Time: Rush ☒ 24Hrs 3-5 Days
Fax Report To: ☐ 510-547-1983 ☐ 415-834-9670 ☐ 209-525-8109 ☐ (Fax #)

Sample ID	Paint Description and Sample Location	Peeling Quantity
179763	Paint Color: WHITE Substrate: WOOD Composite Sample: Y / N Sample Location: OPERATIONS BLDG EXTERIOR	LOOSE
179794	Paint Color: LIGHT GREEN Substrate: WALL PLASTER Composite Sample: Y / N Sample Location: INTERIOR OPERATIONS BLDG	LOOSE
179780	Paint Color: RED Substrate: CONCRETE Composite Sample: Y / N Sample Location: INTERIOR OPERATIONS BLDG FL.	
[illegible]	Paint Color: CERAMIC Substrate: FLOOR TILE Composite Sample: Y / N Sample Location: OPERATIONS BLDG RESTROOM	
187880	Paint Color: GRAY Substrate: METAL STEPS Composite Sample: Y / N Sample Location: DIGESTER	
179796	Paint Color: ORANGE Substrate: METAL PIPES Composite Sample: Y / N Sample Location: DIGESTER EXTERIOR PIPES	
187869	Paint Color: YELLOW Substrate: CONCRETE Composite Sample: Y / N Sample Location: DIGESTER EXTERIOR	
179791	Paint Color: YELLOW Substrate: CONCRETE Composite Sample: Y / N Sample Location: EXTERIOR DOOR SETTING BASIN	

Relinquished By: MARK ZIMMERMAN Signature: [illegible] Date/Time: 5/17/04
Received By: [illegible] 10:30 Signature: 5-18-4 [illegible] 8446600 3 8670 Date/Time:

ENVIRONMENTAL INC.

Appendix C

Site Inspector Certifications

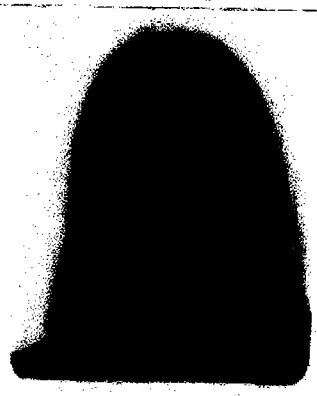
510-547-7771 fax 510-547-1983 www.rgaenv.com

State of California
Division of Occupational Safety and Health

Certified Asbestos Consultant

Mary Bridget O'Donnell Zibilich

Name



Certification No. 03-3408

Expires on 10/22/2004

This certification was issued by the Division of Occupational Safety and Health as authorized by Sections 7180 et seq. of the Business and Professions Code

State of California
Division of Occupational Safety and Health

Certified Asbestos Consultant

Jay J. Puente

Name

Certification No. 03-3409

Expires on 10/22/2004

This certification was issued by the Division of Occupational Safety and Health as authorized by Sections 7180 et seq. of the Business and Professions Code

APPENDIX C

RWQCB LETTERS

California Regional Water Quality Control Board
San Francisco Bay Region

Winston H. Hickox
Secretary for Environmental Protection

Internet Address: http://www.swrcb.ca.gov
1515 Clay Street, Suite 1400, Oakland, California 94612
Phone (510) 622-2300 FAX (510) 622-2460

Gray Davis
Governor

RECEIVED
MAY 24 2000
MFG, Inc.

May 19, 2000
File No. 2223.08 (MEJ)

Mr. Joe McCarthy
McCarthy Ranch
P.O. Box 361256
Milpitas, CA 95036-1256

Subject: May 16, 2000, Request for Written Determination Regarding Off-Site Re-Use of Soil, Former Milpitas Sanitary District Treatment Plant, 1425 McCarthy Blvd., Milpitas, Santa Clara

Dear Mr. McCarthy:

Regional Board staff previously reviewed the March 25, 1999 Environmental Site Assessment prepared by McCulley, Frick and Gilman, Inc. on behalf of McCarthy Ranch. Based on the data submitted in the March 25, 1999 report, Regional Board staff authorized the onsite re-use of approximately 1,000 to 2,000 cubic yards of stockpiled soil.

The subject May 16, 2000, letter report presents additional analytical characterization of the soil stockpiles previously discussed and requests Regional Board staff determine if offsite re-use would be appropriate. The additional analytical data collected, as presented in Table 1 of your letter (attached), indicates the presence of very low levels of petroleum hydrocarbons, metals and pesticides. None of the soil concentrations exceeded their respective USEPA Preliminary Remediation Goals and does not appear to pose a significant health or water quality threat.

Based on the data presented in the report and given that the data is accurate and representative of site conditions, Board staff find that the stockpiled soil may be re-used offsite.

If you have any questions or would like to discuss this matter further, please contact Mark Johnson of my staff at (510) 622-2493 [e-mail: mej@rb2.swrcb.ca.gov].

Sincerely,

Lawrence P. Kolb
Acting Executive Officer

Stephen A. Hill, Chief
Toxic Cleanup Division

Attachment: Table 1, McCulley Frick and Gilman, Inc., letter of May 16, 2000

Cc: Christopher White, w/o Attachment
McCulley Frick and Gilman, Inc.
71 Stevenson Street, Suite 1450
San Francisco, CA 94105-2938

California Regional Water Quality Control Board

San Francisco Bay Region

Winston H. Hickox
Secretary for Environmental Protection

Internet Address: http://www.swrcb.ca.gov
1515 Clay Street, Suite 1400, Oakland, California 94612
Phone (510) 622-2300 FAX (510) 622-2460

Gray Davis
Governor

February 29, 2000
File No. 2223.08 (MEJ)

RECEIVED
MAR - 2 2000
McCULLEY, FRICK & GILMAN, INC.

Mr. Joe McCarthy
McCarthy Ranch
P.O. Box 361256
Milpitas, CA 95036-1256

Subject: March 25, 1999, Environmental Site Assessment Report, Former Milpitas Sanitary District Treatment Plant, 1425 McCarthy Blvd., Milpitas, Santa Clara

Dear Mr. McCarthy:

Regional Board staff have reviewed the above referenced report (report) prepared on behalf of McCarthy Ranch by McCulley, Frick and Gilman, Inc. The report presents the results of soil and grab groundwater investigation on the property and the approximate 1,000 cubic yards of stockpiled soil which was generated during a creek channel improvement project.

Low levels of petroleum, pesticides and metals were found in the stockpiled soil and low levels of petroleum and metals in groundwater. None of the soil concentrations exceeded their respective USEPA Preliminary Remediation Goals and do not appear to pose a significant health threat. The grab groundwater results did find arsenic in one sample slightly exceeding its USEPA Maximum Contaminant Level for drinking water; however, based on the high total dissolved solids (TDS) concentrations of groundwater, the underlying groundwater would not be considered as a potential source of drinking water. In addition, the high TDS of the groundwater may have interfered with the laboratory analysis and artificially exaggerated the detected concentrations of metals.

Based on the data presented in the report and given that the data is accurate and representative of site conditions, Board staff find that the stockpiled soil may be re-used onsite.

RECEIVED
JUN 09 2000
CITY OF MILPITAS
ENGINEERING DIVISION

If you have any questions or would like to discuss this matter further, please contact Mark Johnson of my staff at (510) 622-2493 [e-mail: mej@rb2.swrcb.ca.gov].

Sincerely,

Lawrence P. Kolb
Acting Executive Officer

Stephen A. Hill, Chief
Toxic Cleanup Division

Cc: Christopher White
McCulley Frick and Gilman, Inc.
71 Stevenson Street, Suite 1450
San Francisco, CA 94105-2938

APPENDIX D

SANITARY SEWER DISCHARGE REQUIREMENTS

City of Santa Clara
City Code
Rules and Regulations
Sewers and Sewage Disposal

September 1996

City of Santa Clara
City Code
Rules and Regulations
Sewers and Sewage Disposal

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ORDINANCE NO. 1669

CHAPTER 23

SEWERS AND SEWAGE DISPOSAL

Article I. General Provisions

Sec. 23-1. Purpose and definitions.

(a) **Purpose.**

(1) To provide for and regulate the disposal of sanitary sewage into the sanitary sewer system of the City in such manner and to such extent as is reasonably necessary to maintain and increase the ability of the sanitary sewer system to handle and dispose of sanitary sewage;

(2) To provide for and regulate the disposal of industrial wastes into the sanitary sewer system of the City in such manner and to such extent as may be reasonably necessary to maintain and increase the ability of such system to handle and dispose of industrial waste without decreasing the ability of said system to handle and dispose of all sanitary sewage;

(3) To prevent the introduction of pollutants into the sanitary sewer system which will pass through the treatment works of the San Jose/Santa Clara Water Pollution Control Plant ["Plant"] or otherwise be incompatible with such works or interfere with the ability of the Plant to treat, discharge and recycle wastewater, or to use or dispose of Plant bio-solids;

(4) To improve opportunities to recycle and reclaim treated effluent and wastewater sludge;

(5) To protect the physical structures of the sanitary sewer system and the efficient functioning of its component parts;

(6) To protect the City and its personnel;

(7) To preserve and protect the health, safety and property of the public;

(8) To enable the City to comply with all applicable and compatible laws, rules, regulations and orders of the State of California and of the United States;

(9) To provide for the charging and collection of various fees and other charges reasonably necessary for the acquisition, construction, reconstruction, maintenance and operation of the sanitary sewer system of the City;

(10) To protect the environmental health of San Francisco Bay.

(b) **Conflicts with other chapters of this Code.**

In the event of any conflicts or inconsistencies between the provisions of this Chapter 23 and the provisions of any other chapter of this Code, the provisions of this Chapter 23 shall control.

(c) **Responsibility for enforcement.**

The primary responsibility for enforcement of the provisions of this Chapter 23 shall be vested in the City Manager or his/her designee.

Sec. 23-2. Definitions.

The definitions set forth below shall govern the application and interpretation of this Chapter 23.

(a) "A" definitions:

(1) **Ammonia.**

"Ammonia" means that form of nitrogen which is chemically definable as NH_3.

(2) **Audit protocols.**

"Audit protocols" means the procedures to be followed in performing a mass audit study.

(3) **Average concentration.**

"Average concentration" means the concentration of a pollutant in an industrial user's discharge that is calculated by adding the concentrations of the particular pollutant in all composite samples taken during a given time period, including but not limited to self monitoring samples, and dividing the total by the number of samples taken.

(b) "B" definitions:

(1) **Best management practices.**

"Best management practices" means schedules of activities, prohibitions of practices, maintenance procedures and other management practices to prevent or reduce the introduction of pollutants to the sanitary sewer system which have been determined by the Director to be cost effective for particular industry groups, business types, or specific industrial processes.

(2) **Biochemical oxygen demand.**

"Biochemical oxygen demand" means the quantity of oxygen expressed in parts per million (ppm) by weight, utilized in the biochemical oxidation of organic matter under standard laboratory conditions for five (5) days at a temperature of twenty degrees centigrade (20ºC).

(c) "C" definitions:

(1) **Code of Federal Regulations.**

"Code of Federal Regulations" or "CFR" refers to the Code of Federal Regulations as published by the Office of the Federal Register National Archives and Records Administration. Whenever a reference is made to any portion of said Code, or to any other federal regulation such reference shall apply to all amendments and additions to such portion of said Code now or hereinafter enacted.

(2) **Composite sample.**

"Composite sample" means a flow-proportional or time proportional sample, which accurately represents the average pollutant concentration discharged during a continuous time period. A composite sample may be obtained manually or automatically, and discretely or continuously. For manual compositing, at least six (6) individual samples from each sample point shall be combined and mixed to obtain one composite sample; flow-proportion may be obtained either by varying the time interval between each discrete sample or the volume of each discrete sample.

(3) **Cost effective.**

"Cost effective" means that total project costs, if financed over a five (5) year period at the prime interest rate published in the Wall Street Journal plus two percent (2%) at the time the project costs are being determined, do not exceed the total savings that would be generated by the project during the same five (5) year period. Project costs shall also be considered cost effective, if financing assistance is available to the discharger, from the City or any other source, at a lower rate and the project costs, if financed over a five (5) year period at that rate do not exceed the total savings that would be generated by the project during the same five (5) year period.

(4) **Critical user.**

"Critical user" means a discharger whose wastewater contains priority pollutants, or who discharges any waste other than sanitary sewage which has the potential to cause interference, or who discharges in excess of 100,000 gallons per day.

(d) "D" definitions:

(1) **Diluting waters.**

"Diluting waters" means noncontact cooling water, boiler blowdown, domestic sewage, groundwater, stormwater, surface drainage, or potable waters which are not a part of an industrial process and which do not contain priority pollutants but which are combined with industrial wastewater prior to the monitoring point for industrial wastewater discharge.

(2) **Director.**

"Director" for purposes of this Chapter 23, shall mean the Director of Water and Sewer Utilities.

(e) Reserved for future use.

(f) Reserved for future use.

(g) "G" definitions:

(1) **Garbage.**

"Garbage" means wastes from the preparation, cooking and dispensing of foods, and from the handling, storage, and sale of produce.

(2) **Grab sample.**

"Grab sample" means a single discrete sample collected at a particular time and place which represents the composition of the waste stream only at that time and place.

(3) **Grease.**

"Grease" means ether-soluble matter, and shall include each of the following two types:

(i) Dispersed grease, which means grease which is not floatable grease;

(ii) Floatable grease, which means grease which floats on the surface of quiescent sewage water or other liquid or which floats when mixed or added to water.

(4) **Group 1 discharger.**

(i) "Group 1 discharger" means an industrial user which typically uses copper or nickel as part of its operational process and which discharges industrial wastes into the

sanitary sewer system containing nickel in excess of 0.005 mg/l or copper in excess of 0.05 mg/l, and whose discharge contains in excess of 0.04 pounds per day (ppd) nickel or 0.09 ppd copper.

(ii) For the purpose of subsection (i) above, the pounds of nickel and copper contained in an industrial user's discharge shall be determined by multiplying the industrial user's average process flow times the average concentration of nickel or copper measured in the industrial user's discharge as shown by composite sampling, including but not limited to self monitoring sampling.

(iii) For the purpose of subsections (i) and (ii) above, average process flow and average concentration for any industrial discharger discharging into the sanitary sewer system prior to April 1, 1993, shall be calculated on the basis of sampling for the twelve (12) month period April 1, 1992 through March 31, 1993, and for any other industrial discharger for the twelve (12) month time period preceding the date of application for reissuance of a discharge permit, or, in the case of an application for a new permit, on the basis of the projected process flow shown in the industrial user's wastewater discharge permit application and the projected average concentrations shown in the industrial user's wastewater discharge permit application.

(5) **Group 2 discharger.**

"Group 2 discharger" means all industrial users, other than Group 1 and Group 3 dischargers.

(6) **Group 3 discharger.**

"Group 3 discharger" means an industrial user, other than a Group 1 discharger, which does not typically use copper or nickel as part of its operational process, and whose average process flow is less than one thousand (1,000) gallons per day.

(h) Reserved for future use.

(i) "I" definitions:

(1) **Industrial user.**

"Industrial user" means any non-residential user that discharges industrial wastes to the sanitary sewer system.

(2) **Industrial wastes.**

"Industrial wastes" means the wastes from producing, manufacturing and processing operations of every kind and nature.

(3) **Interference.**

(i) "Interference" means a discharge which alone, or in conjunction with a discharge or discharges from other sources, inhibits or disrupts the processes or operation of the sanitary sewer system, including the Plant, or causes or significantly contributes to a violation of any requirement of the National Pollutant Discharge Elimination System (NPDES) Permit, which is a permit issued to the City pursuant to Section 402 of the Clean Water Act.

(ii) "Interference" also includes prevention of bio-solids use or disposal by the Plant in accordance with published regulations providing guidelines under Section 405 of the federal Clean Water Act [33 U.S.C. §§1251-1387] or in regulations developed pursuant to the Solid Waste Disposal Act (SWDA) [42 U.S.C. §§6901, et seq.], the Toxic Substances Control Act [15 U.S.C. §§2601-2654], or more stringent state regulations (including those contained in any state bio-solids management plan prepared pursuant to Title IV of SWDA) applicable to the method of disposal or use employed by the Plant.

(j) Reserved for future use.

(k) Reserved for future use.

(l) Reserved for future use.

(m) "M" definitions:

(1) **Mass audit study.**

"Mass audit study" means an investigation of pollution prevention and source reduction measures performed by or for an industrial user, pursuant to audit protocols adopted by the Director, to analyze the volume and concentration of nickel, copper, and/or any other priority pollutant identified in regulations adopted by the Director in an industrial user's process streams and discharge, and to identify the maximum feasible reduction measures available to the industrial user.

(2) **Maximum allowable concentration.**

"Maximum allowable concentration" means the highest permissible concentration or other measure of pollutant magnitude taken at a specific point in time.

(3) **Maximum feasible reduction measures.**

(i) "Maximum feasible reduction measures" means all individual measures, and all functionally interdependent measures, of reducing the mass of specified pollutant(s) in an industrial user's discharge, which the Director finds would be cost effective if installed by the industrial user.

(ii) For the purpose of this Section, individual measures which are not cost effective shall nonetheless be considered part of a functionally interdependent group of cost effective measures if they substantially reduce the mass of pollutant(s) discharged, and the other measures with which they are grouped are their functional prerequisite.

(n) Reserved for future use.

(o) Reserved for future use.

(p) "P" definitions:

(1) **pH.**

"pH" means the logarithm of the reciprocal of the concentration of hydrogen ions in moles per liter of solution.

(2) **Plant.**

"Plant" means the San Jose/Santa Clara Water Pollution Control Plant.

(3) **Priority pollutants.**

"Priority pollutants" means all pollutants as defined by the "General Pretreatment Regulations" of the Environmental Protection Agency, found at 40 CFR 401 and 403.

(4) **Process flow.**

"Process flow" means the daily, twenty four (24) hour, flow of wastewater from any kind or nature of production, manufacturing or processing operation, including industrial and commercial operations where water is used for the removal of any type of waste other than sanitary sewage. Process flow does not include diluting waters.

(q) Reserved for future use.

(r) "R" definitions:

(1) **Reasonable control measures.**

"Reasonable control measures" means control technologies, best management practices, source control practices and waste minimization procedures which prevent or reduce the introduction of pollutants to the sanitary sewer system and are determined by the Director to be cost effective for particular industry groups, business types, or specific industrial processes.

(s) "S" definitions:

(1) **Sanitary sewage.**

"Sanitary sewage" means water-carried wastes from residences, business buildings, institutions, and industrial establishments, excluding ground, surface and storm waters, subsurface drainage and also excluding industrial waste.

(2) **Sanitary sewer system.**

"Sanitary sewer system" means all sewers, treatment plants, and other facilities owned or operated by the City for carrying, collecting, pumping, treating, and disposing of sanitary sewage and industrial wastes.

(3) **Sewer.**

"Sewer" means a pipe or conduit for carrying sewage.

(4) **Significant change.**

"Significant change" is any change in an industrial user's operation that results in either of the following:

(i) A flow which exceeds the expected peak flow as shown in the [Sewage Treatment Plant Expansion Connection Charge calculation] for the property on which the industrial user is located.

(ii) For a Group 2 or 3 discharger, an increase in average process flow for the dischargers most recent compliance period of twenty-five percent (25%) over the industrial user's average process flow for the discharger's most immediate preceding compliance period.

(5) **Standard methods.**

(i) "Standard methods" means the procedures set forth in the Code of Federal Regulations unless another method for the analysis of industrial wastewater has been approved in writing in advance of use of the procedure by the Director.

(ii) All analyses shall be performed by a laboratory certified by the State for the specific pollutants and matrix to be analyzed, unless otherwise approved in writing, by the Director, prior to performance of a sample analysis.

(6) **Storm waters.**

"Storm waters" means the flow in sewers resulting from rainfall.

(7) **Suspended solids.**

"Suspended solids" means solids that either float on the surface of, or are in suspension in, water, sewage, or other liquids and which are removable by laboratory filtering.

(t) "T" definitions:

(1) **Total toxic organics.**

"Total toxic organics" (TTOs) are the sum of the concentrations for each of the regulated toxic organic compounds listed at 40 CFR 401.15 and which are found in the discharge at a concentration greater than ten (10) micrograms per liter.

(2) **Trucked or hauled waste.**

"Trucked or hauled waste" means any waste discharged into the sanitary sewer system after being placed in a motorized vehicle for removal from the location where the waste was generated or produced.

(u) "U" definitions:

(1) **User.**

"User" means any person responsible for payment of sewer service charges.

(w) Reserved for future use.

(x) Reserved for future use.

(y) Reserved for future use.

(z) Reserved for future use.

Article II. Sewer Connection Procedure and Service Charges

Division 1. Sewer connection procedures

Sec. 23-3. Duty to connect premises with sewer system.

No person owning any premises within the city and no user of any premises within the City where domestic or industrial waste is produced and on which premises the nearest outlet of the plumbing system is located within two hundred (200) feet from the point at which a

connection can be made to the sewer system or having no plumbing system, but in which a plumbing system could be installed with the nearest outlet located within two hundred (200) feet from the point at which a connection could be made to the sewer system, shall use any means of sewage waste disposal other than through the City sewer lines. Every person owning any premises or every use of any premises so located and upon or in which any such sewage waste is produced shall be required to connect such premises to the sewer system within sixty (60) days from the date when a main sewer or lateral sewer located within the distance specified in this section is completed and available for connection to such premises. There shall be a separate connection to the sewer system for each building or structure served. Pursuant to a written permit from the Director, any two or more buildings or structures on the same lot may be served by one sewer connection.

Sec. 23-3.1 Maintenance and inspection of sewer connections.

Each user shall keep his sewer connections in good order at his own expense and shall be liable for all damages resulting from failure to do so. A City Inspector shall be admitted at all reasonable hours to any premises connected with the sewer system, for the purpose of checking plumbing fixtures, protecting the rights of the City and determining facts relevant to the establishment, computation and billing of the sewer service charges provided for in this Chapter 23; including, in the case of industrial users, examination of the user's books for the purpose of checking the quantities of industrial waste produced.

Sec. 23-3.2 Permit required to connect with sanitary sewer system, generally; fees.

No person whose premises are not now connected with the sewer system shall connect any premises or cause any premises to be connected with the sewer system without first obtaining a written permit to do so from the City and paying the established connection fees.

Sec. 23-3.3 Same; purpose and use of funds received.

All revenue collected pursuant to the provisions of Article III hereof shall be placed into the utilities fund as established by Section 1320 of the City Charter. Said revenue shall be used in accordance with the provisions of Section 1320 of the City Charter.

Sec. 23-3.4 Connection fee schedule.

Wherever a property is initially connected, or requires an addition of a new connection, to the sewer system, a Sewage Treatment Plant Expansion Calculation fee ("sewer connection fee") shall be charged to and paid for by the property owner in accordance with Section 21A-21 of this Code.

Sec. 23-3.5 Outlet charge for connection to off-site sewer trunk lines; etc.

In addition to the aforesaid sewer connection fee, each property owner or the developer of real property shall pay to the City an outlet charge as delineated in Section 21A-21 of this Code.

<u>Division 2</u>. <u>Sewer service charges</u>

Sec. 23-4. Rates; users within the City.

(a) There is hereby levied and assessed against and upon all premises having or required by this Chapter 23 or any ordinance of the City to have any sewer connection with or discharging or required thereby to discharge into or through the sanitary sewer system of City, a monthly sewer service charge. Additionally, there is hereby established a special surcharge for violation of the provisions of this Chapter 23 pertaining to the discharge of prohibited substances into the sanitary sewer system of City.

(b) The City Council may, by resolution, establish and amend the monthly sewer service charges and the special surcharges for violation of the provisions of this Chapter 23 pertaining to the discharge of prohibited substances in the sanitary sewer system of City. Said resolution(s) shall contain the effective date of any change in the monthly sewer service charge and/or said special surcharges.

(c) The resolution(s) establishing and amending the monthly sewer service charges and the special surcharges for violation of the provisions of this Chapter 23 pertaining to the discharge of prohibited substances in the sanitary sewer system of City shall be kept on file and made available to the public at the City Clerk's Office.

Sec. 23-4.1 Same; rates exclusive of taxes.

The rates herein are exclusive of the monthly Utility Excise Tax prescribed in Article VI of Chapter 27 of this Code and all other prescribed sewer-related fees and charges.

Sec. 23-4.2 Same; users outside the City.

(a) The City Council may, by resolution, set and fix monthly sewer service charges for various types of users located outside the City which discharge sewage and other wastes into the sanitary sewer system of City. Such charges will be effective upon adoption of such resolution(s).

(b) Notwithstanding any other provisions of this Chapter 23, the City Council shall have power to establish by resolution or by agreement with the user, the monthly sewer service charges applicable to any person or any user outside the City limits, at rates different from those set forth in this Chapter 23, as long as the charges so established are fair and equitable under the circumstances.

Sec. 23-4.3 Same; users obtaining water supply from other than city to install separate meters.

Where any of the charges enumerated in Sec. 23-4 are based upon the consumption of water by any users, and any such water is furnished otherwise than from the city's water system,

and no approved meter is installed in the sewer service connection, then such user shall at his own expense install a separate water meter for measurement of such water. Said water meter installation shall be made to comply with all requirements of the director.

Sec. 23-4.4 Same; purpose and use of funds received.

All revenue collected pursuant to the provisions of Article II hereof shall be placed into the utilities Fund as established by Section 1320 of the City Charter. Said revenue shall be used in accordance with the provisions of Section 1320 of the City Charter.

Sec. 23-4.5 Same; issuance of bills; information required.

All bills for sewer charges shall be issued by the city department of finance. They shall be combined with bills or statements for water service rendered by the water system in all cases where the premises in question are connected to the water system. The bills shall state their purpose, give the name and last known address of the person responsible for payment as provided in this Chapter 23 and shall list separately the charge for water service, for sewer service and the total charge for both services. Neither charge may be paid separately from the other. If premises with sewer service are not connected with the water system a separate bill shall be rendered. All bills shall be for monthly periods or for such other period as shall be determined by resolution of the City Council.

Sec. 23-4.6 Delinquent accounts.

The City Manager shall insure enforcement of this Chapter 23 by coordinating the actions of the Director of Finance, the Director and the other City officers or departments concerned.

Sec. 23-4.7 Notice; disconnection from water system.

In the event of a violation of any provision of this Chapter 23 or any rule or regulation established pursuant thereto, the Director, in writing, shall notify the person causing, allowing or committing such violation, specifying the violation and, if applicable, the time after which upon failure of such person to prevent or rectify the violation, the Director will exercise his authority to disconnect the premises from the water system or the sewer system. Such time shall not be less than five days after the deposit of such notice in a United State Post Office in the city, addressed to the person upon whom notice is given. In the event such violation results in a public hazard or menace, the Director or other authorized representative may enter upon the premises without notice and do such things and expend such sums as may be necessary to abate such hazard and reasonable value of the things done and the amounts expended in so doing shall be a charge upon the person in violation.

Article III. Sewer Use Regulations

Division 1. Discharge regulations and general prohibitions

Sec. 23-5. Limitations on point of discharge.

No person shall discharge any substances directly into a manhole or other opening in a City sewer, other than through a City-approved sewer connection.

Sec. 23-5.1 Discharge into storm drain prohibited.

It shall be unlawful to discharge any sewage, industrial waste or other polluted waters into any storm drain or natural outlet or channel without a valid National Pollutant Discharge Elimination System (NPDES) permit.

Sec. 23-5.2 Regulation of trucked or hauled waste.

No person shall discharge, cause, allow or permit any trucked or hauled waste to be discharged into the sanitary sewer system, except at a site specifically designated in a wastewater discharge permit issued pursuant to this Chapter 23.

Sec. 23-5.3 Protection from accidental discharge.

(a) Each industrial user shall provide protection from accidental discharge of prohibited materials or other wastes regulated by this Chapter 23 into either the storm sewer or sanitary sewer systems.

(b) Facilities to prevent accidental discharge of prohibited materials shall be provided and maintained at the industrial user's expense.

(c) All industrial users shall notify the City by telephone immediately upon accidentally discharging wastes of reportable quantities as determined in 40 CFR 117 to enable countermeasures to be taken by the City to minimize damage to the sanitary sewer system, Plant, treatment processes, and the receiving waters.

(d) Telephone notification shall be followed, within five (5) days of the date of occurrence, by a detailed written statement describing the causes of the accidental discharge and the measures being taken to prevent future occurrences.

(e) Notification to the City will not relieve users of notification requirements under any other federal, state or local law, nor of liability for any expense, loss, or damage to the sanitary sewer system, Plant, or treatment process, or receiving waters or for any fines or penalties imposed on the City on account thereof under applicable provisions of state or federal law.

Sec. 23-5.4 Pretreatment by owner.

Each owner of private premises shall, at the owner's own expense, provide such treatment or take such other measures, as the Director may require to reduce objectionable characteristics, contents, or rate of discharge of waters or wastes being deposited in the sanitary sewer system, to prevent damage to or interference with the sanitary sewer system.

Sec. 23-5.5 Monitoring facilities.

(a) The Director may require any industrial user of the sanitary sewer system to construct, at the industrial user's own expense and at an approved location, monitoring facilities to allow inspection, sampling, and flow measurement of the building sewer or internal drainage systems.

(b) The monitoring facilities, sampling, and measurement equipment and access thereto shall be maintained at all times in a safe and proper operating condition at the expense of the industrial user.

(c) Any required monitoring facilities shall be specified in the wastewater discharge permit issued pursuant to this Chapter 23.

Division 2. Prohibited discharges, substances

Sec. 23-6. Storm and other waters.

(a) No person shall discharge, cause, allow or permit any storm water, surface water or roof runoff , to be discharged into the sanitary sewer system or any part thereof.

(b) No person shall discharge, cause, allow or permit any ground water or subsurface drainage, to be discharged into the sanitary sewer system or any part thereof, without a wastewater discharge permit issued by the Director specifically for such discharge.

(c) A wastewater discharge permit for the discharge of ground water or subsurface drainage shall only be issued if there is no reasonable alternative method for disposal of such water.

(d) If permitted, discharge of ground water or subsurface drainage shall be subject to all applicable requirements of this Chapter 23, including but not limited to the payment of applicable permit fees and such terms and conditions as the Director may impose in the wastewater discharge permit.

Sec. 23-6.1 Obstructing or injurious substances.

No person shall discharge, cause, allow, or permit to be discharged, thrown, or deposited into the sanitary sewer system or any part thereof, or into any plumbing fixture or private sewer or drain connected either directly or indirectly to the sanitary sewer system, any substance of any kind whatsoever tending to obstruct or injure the sanitary sewer system, or to cause a nuisance or

hazard, or which will in any manner interfere with the proper operation or maintenance of the sanitary sewer system.

Sec. 23-6.2 Flammable or explosive substances.

No person shall discharge, cause, allow, or permit to be discharged into the sanitary sewer system, any wastewater containing any flammable liquid, solid, vapor, or gas or other substance, including but not limited to any substance having a closed cup flashpoint of less than one hundred forty degrees fahrenheit (140º) or sixty degrees celsius (60ºC), using the test methods specified in 40 CFR 261.21.

Sec. 23-6.3 Hot substances.

No person shall discharge, cause, allow, or permit to be discharged into the sanitary sewer system or any part thereof, any liquid, solid, vapor, gas, or thing having or developing a temperature of one hundred fifty degrees fahrenheit (150º F) or more, or which may cause the temperature at the Plant to exceed one hundred and four degrees fahrenheit (104º F).

Sec. 23-6.4 Grease, oils, fats.

No person shall discharge, cause, allow, or permit to be discharged into the sanitary sewer system any liquid or other waste containing floatable and/or dispersed grease, vegetable oil, petroleum oil, non-biodegradable cutting oil, or fat, oil, or grease or products of animal, vegetable or mineral origin, in excess of one hundred fifty (150) parts per million by weight.

Sec. 23-6.5 Solid or viscous matter.

No person shall discharge, deposit, throw, or cause to be discharged, deposited, or thrown into the sanitary sewer system or any part thereof, any ashes, cinders, pulp, paper, sand, cement, mud, straw, shavings, metal, glass, rags, feathers, tar, asphalt, resins, plastics, wood, animal hair, paunch manure, or any heavy solid or viscous substance capable of causing obstruction to the flow in the sanitary sewer system or any part thereof, or which would interfere with the proper operation of the Plant or the treatment of sanitary sewage or industrial waste.

Sec. 23-6.6 Corrosive matter.

No person shall discharge, cause, allow or permit to be discharged into the sanitary sewer system or any part thereof, any liquid, solid, vapor, gas, or thing having a pH lower than six (6.0) or more than twelve and one-half (12.5) or having any other corrosive property capable of causing damage or hazard to the sanitary sewer system or any part thereof, or to any personnel operating, maintaining, repairing, or constructing said sanitary sewer system or any part thereof, or working in or about the sanitary sewer system.

Sec. 23-6.7 Toxic gases, vapors or fumes.

No person shall discharge, cause, allow, or permit to be discharged into the sanitary sewer system any substance of any kind whatsoever which results in the presence of toxic gases, vapors or fumes within the sanitary sewer system in a quantity that may cause acute health and/or safety problems for workers in the sanitary sewer system.

Sec. 23-6.8 Interfering substances.

(a) No person shall discharge, cause, allow or permit to be discharged into the sanitary sewer system or any part thereof, any industrial waste containing any of the following toxic substances exceeding the concentrations set forth in Table 23.6 [see Table 23.6 at end of this Chapter 23].

(b) No person shall discharge, cause, allow, or permit to be discharged into the sanitary sewer system or any part thereof, any toxic or poisonous substances or any other pollutant, including biochemical oxygen demand, in sufficient quantity to injure or cause an interference with the sewage treatment process, or in sufficient quantity to constitute a hazard to humans or animals, or in sufficient quantity to create a hazard for humans, or aquatic life in any waters receiving effluent from the sanitary sewer system, or which may create a hazard in the use or disposal of sewage sludge.

(c) Compliance with the above limits may be based on a grab sample or a composite sample at the discretion of the Director or his/her agent.

Sec. 23-6.9 Prohibition on use of diluting waters.

The use of diluting waters as a partial or complete substitute for adequate treatment, to achieve compliance, or to meet local limitations for wastewater as set forth in Table 23.6 [see Table 23.6 at end of this Chapter 23], or to avoid or minimize any requirements imposed in a wastewater discharge permit is prohibited.

Sec. 23-6.10 Suspended solids; dissolved matter.

No person shall discharge, cause, allow or permit to be discharged into the sanitary sewer system or any part thereof, any liquid containing suspended solids or dissolved matter of such character and quantity that unusual attention or expense is required to handle, process or treat such matter at the Plant.

Sec. 23-6.11 Noxious or malodorous matter.

No person shall discharge, cause, allow or permit to be discharged into the sanitary sewer system or any part thereof, any solid, liquid, vapor, gas, or thing which is so malodorous or noxious that their discharge into the sanitary sewer system would cause a public nuisance.

Sec. 23-6.12 Radioactive matter.

No person shall discharge, cause, allow, or permit to be discharged, any radioactive waste into the sanitary sewer system, except, that:

(a) Persons authorized to use radioactive materials by the State Department of Health Services or other governmental agency empowered to regulate the use of radioactive materials may discharge, cause to be discharged, or permit to be discharged such wastes, provided that such wastes are discharged in strict conformance with the California radiation control regulations (California Code of Regulations, Title 17, Chapter 5, Subchapter 4), and federal regulations and recommendations for safe disposal of such radioactive wastes; and,

(b) The person so acting does so in compliance with all applicable rules and regulations of all other regulatory agencies having jurisdiction over such discharges.

Sec. 23-6.13 Colored matter.

No person shall discharge, cause, allow or permit to be discharged into the sanitary sewer system or any part thereof, any wastewater with objectionable color not removed in the treatment process such as, but not limited to, dye wastes and vegetable tanning solutions.

Sec. 23-6.14 Garbage.

(a) No person shall discharge, deposit, or throw, or cause, allow or permit to be discharged, deposited, or thrown into the sanitary sewer system, or any part thereof, any garbage, or any fruit, vegetable, animal or other solid material from any food-processing plant or other industrial plant or retail grocery store, irrespective of whether or not it shall have been first passed through a mechanical grinder.

(b) No person shall install, operate, use or maintain upon the premises of any food-processing plant, or any other industrial plant or retail grocery store, any mechanical grinder or waste grinder that is connected directly or indirectly to the sanitary sewer system, or any part thereof.

(c) No person shall discharge, deposit, throw, or cause, allow or permit to be discharged, deposited, or thrown into the sanitary sewer system or any part thereof, any garbage or fruit, vegetable, animal or other solid kitchen waste material resulting from the preparation of any food or drinks, in any dwelling, restaurant, or eating establishment, unless the same shall have first been passed through a mechanical garbage or waste grinder in conformance with the provisions of the Plumbing and Electrical Code of the City.

Sec. 23-6.15 Oil and grease removal devices.

(a) Any type of business or establishment where grease or other objectionable materials may be discharged into a public or private sewage main or disposal system shall have a grease removal device of a size and design approved by the Director.

(b) Each grease removal device shall be so installed and connected that it shall be at all times easily accessible for inspection, cleaning and removal of grease.

(c) The grease removal device should be situated on the discharger's premises but when such a location would be impractical or cause undue hardship on the discharger, the City may issue an encroachment permit to allow the device to be installed in the public street or sidewalk area and located so that it will not be obstructed by landscaping or parked vehicles.

(d) Waste discharge from fixtures and equipment in establishments which may contain grease or other objectionable materials including, but not limited to, scullery sinks, pot and pan sinks, dishwashers, food waste disposals, soup kettles, and floor drains located in areas where such objectionable materials may exist, may be drained into the sanitary waste through the grease removal device when approved by the Director provided, however, that toilets, urinals, wash basins, and other fixtures containing fecal material shall not flow through the grease removal device.

(e) Grease removal devices shall be maintained in efficient operating condition by periodic removal of the accumulated grease. The use of chemicals to dissolve grease is specifically prohibited. No accumulated grease shall be introduced into any drainage piping or public or private sewer. Users with oil and grease removal devices must maintain them in good operating condition at all times.

(f) The discharger must develop and maintain a record of periodic maintenance and pumping of the removal device records are to be retained for a period of not less than three years.

(g) Pumping must be sufficiently frequent to prevent objectionable odors, surcharge of the removal device, or interference with the operation of the sanitary sewer system.

(h) Abandoned grease removal devices shall be emptied and filled as required for abandoned septic tanks.

Sec. 23-6.16 Screened industrial wastes.

(a) No person shall discharge, cause, allow or permit to be discharged into the sanitary sewer system or any part thereof, any garbage, or any fruit, vegetable, animal, or other solid industrial wastes resulting from the processing, packaging, or canning of fruits, vegetables, or other foods or products, unless such wastes have first been passed through screens having openings not exceeding 1/32 of an inch in dimension.

(b) The Director may authorize, in writing, the discharge into the sanitary sewer system of such wastes if they are first passed through screens having larger openings, if the Director is satisfied that such larger openings will provide screening efficiency and effectiveness equal to or better than that provided by the above-specified openings of 1/32 of an inch in dimension.

(c) Each person who discharges, causes, allows, or permits to be discharged into the sanitary sewer system or any part thereof, any such wastes shall install and maintain in good operating order, screens as hereinabove specified and appurtenances thereto, including but not limited to all necessary conveyors and elevators, all in sufficient quantity and of sufficient size and quality to continuously and effectively screen not less than one hundred percent (100%) of the peak hydraulic and solids loading imposed on such screens and appurtenances during any processing period.

(d) No person shall discharge any such screened wastes into the sanitary sewer system, or any part of the system, unless and until he or she has obtained a wastewater discharge permit pursuant to this Chapter 23 granting approval to do so. The Director may require such person to provide to the Director a report prepared by a registered professional engineer which shows, to the satisfaction of the Director, that the provisions of this Section have been complied with, before the wastewater discharge permit is granted.

Division 3. Trespass; use of City's facilities prohibited without prior written permission

Sec. 23-7. Use of City's facilities by others.

No person shall enter or remain upon any sanitary sewer manholes, cleanouts or any appurtenances thereto or any other property owned or controlled by the Water and Sewer Utilities Department without the consent of the Director.

Article IV. Requirements Imposed on Discharger Groups

Sec. 23-8. Group 1 dischargers; approved mass audit study required.

No Group I discharger shall discharge, cause, allow or permit to be discharged into the sanitary sewer system or any part thereof, any industrial waste containing copper or nickel unless the Director has approved a mass audit study for that discharger.

Sec. 23-8.1 Group 1 dischargers; mass equivalent concentration limit.

(a) The discharge permit for each Group 1 discharger shall contain a mass equivalent concentration limit ("MECL") for nickel and/or copper, established by the Director on the basis of the Director's projection of the annual mass of copper and/or nickel that would remain in the Group 1 discharger's discharge, divided by the Director's projection of the Group 1 discharger's annual process flow, after the installation of maximum feasible reduction measures for copper and nickel by the Group 1 discharger.

(b) No Group I discharger shall discharge, cause, allow or permit to be discharged into the sanitary sewer system or any part thereof, any industrial waste containing nickel or copper in excess of the MECL established in that discharger's permit, unless the discharger can establish that the average concentration of the pollutant exceeding the MECL, for the one year

period immediately preceding the date on which the pollutant excess occurs, is not greater than 110% of the MECL for that pollutant.

Sec. 23-8.2 Group 1 dischargers; process flow exceeding MECL flow

Any Group 1 discharger, whose average process flow for the preceding consecutive six (6) months exceeds 125 % of the average process flow used in calculating the MECL contained in that discharger's permit, shall submit, within thirty (30) days, an addendum to the discharger's mass audit study demonstrating that the increased flow is solely due to increased production by the discharger and that no further maximum feasible reduction measures are available to reduce either process flow or average concentration from the increased flow, or shall submit within ninety (90) days, a revised mass audit study, based on the increased flow.

Sec. 23-8.3 Group 1 dischargers; revision of MECL

(a) Any Group 1 discharger may file an application for revision of the discharger's MECL, where:

(1) production increases or process changes are projected to cause the discharger to exceed the discharger's MECL; or

(2) the discharger is proposing to implement a water conservation project that will result in exceedance of the discharger's MECL, and the mass discharge does not exceed the mass that was used in calculating the discharger's MECL.

(b) An application for revision of the discharger's MECL shall be accompanied by the applicable fee as established by resolution of the City Council and either:

(1) an addendum to the discharger's mass audit study demonstrating that the exceedance of the MECL will be solely due to increased production, process change, or implementation of a water conservation project by the discharger and that no further maximum feasible reduction measures are available to reduce either process flow or average concentration; or

(2) a revised mass audit study, based on the projected process flow and average concentration that will result from the production increase, process change, or implementation of a water conservation project.

(c) The Director may recalculate the MECL for a Group 1 discharger and revise the discharger's compliance schedule, based on the projected process flow and average concentration, that would exist after implementation of both the proposed production increase, process change, or water conservation project, and implementation of any further maximum feasible reduction measures.

Sec. 23-8.4 Group 1 discharger; application for reclassification.

Any Group 1 discharger may apply for reclassification as either a Group 2 or Group 3 discharger, upon payment of the applicable fee as established by resolution of the City Council, if the discharger can establish all of the following:

(a) During the twelve (12) month period immediately preceding the date of the application for reclassification, the average concentration in the industrial user's process flow did not exceed 0.005 mg/l nickel or 0.05 mg/l copper and the discharge did not contain excess of 0.04 ppd nickel or in excess of 0.09 ppd copper.

(b) The discharger has implemented all maximum feasible reduction measures, as specified by the Director.

(c) The discharger has been in compliance with Sec. 23-8.1 for the immediately preceding twelve (12) consecutive months.

Sec. 23-8.5 Group 2 dischargers; daily maximum average concentration limit.

(a) No Group 2 discharger shall discharge, cause, allow or permit to be discharged into the sanitary sewer system or any part thereof, any industrial waste containing nickel in excess of 0.005 mg/l unless:

(1) The average annual concentration of nickel in the discharger's discharge, for the one year period immediately preceding the date on which nickel exceeds 0.005 mg/l, is less than 0.5 mg/l; or,

(2) The discharger has installed all reasonable control measures as specified by the Director, and the average daily concentration of nickel in the discharger's discharge has not exceeded 1.1 mg/l since the date discharger's permit was issued.

(b) No Group 2 discharger shall discharge, or cause, allow or permit to be discharged into the sanitary sewer system or any part thereof, any industrial waste containing copper in excess of 0.05 mg/l unless:

(1) The average annual concentration of copper in the discharger's discharge, for the one year period immediately preceding the date on which copper exceeds 0.05 mg/l, is less than 0.4 mg/l; or

(2) The discharger has installed all reasonable control measures as specified by the Director, and the average daily concentration of copper in the discharger's discharge has not exceeded 1.0 mg/l since the date the discharger's permit was issued.

(c) As an alternative to meeting the requirements of subsections (a) and (b) above, any Group 2 discharger may elect to be treated as a Group 1 discharger. Such election may only be made after performance of a mass audit study by the Group 2 discharger.

Sec. 23-8.6 Group 3 dischargers; best management practices.

No Group 3 discharger shall discharge, cause, allow or permit to be discharged into the sanitary sewer system or any part thereof, any industrial waste containing nickel in excess of 0.005 mg/l, or copper in excess of 0.05 mg/l, unless the discharger has implemented all applicable best management practices adopted by the Director.

Sec. 23-8.7 Compliance.

(a) Group 1 dischargers lawfully discharging industrial wastewater to the sanitary sewer system on January 1, 1995 shall cause their facilities to be in full compliance with Sec. 23-8.1 not later than April 1, 1997. The Director shall include as a condition of the wastewater discharge permit for any Group 1 discharger a compliance schedule for the installation of maximum feasible reduction measures by the discharger.

(b) Group 2 dischargers lawfully discharging industrial waste to the sanitary sewer system on January 1, 1995 shall cause their facilities to be in full compliance with Sec. 23-8.5 not later than July 31, 1997. The Director shall include, as a condition of the wastewater discharge permit for any such Group 2 discharger, a compliance schedule for installation of reasonable control measures by the discharger.

(c) Industrial users lawfully discharging industrial waste containing cyanide in excess of the maximum allowable concentration limit for cyanide set forth in Table 23.6 [see Table 23.6 at end of this Chapter 23] shall cause their facilities to be in full compliance with said limit not later than December 31, 1996. The Director shall include in the wastewater discharge permit for any discharger not immediately in compliance with the cyanide limit an interim cyanide limit of one (1.0) mg/l and a requirement that an action plan be developed by the discharger to achieve compliance.

(d) For the purposes of this Section, the term "lawfully discharging" includes, but is not limited to, facilities under construction, for which a wastewater discharge permit has been issued.

(e) The Director may extend the time period set forth in subsections (a) and (b) above at the request of a discharger for a maximum of one (1) year, provided that:

(1) Such extension would not cause interference with operation of the sanitary sewer system or the Plant; and

(2) The Director makes a written determination that the discharger has installed all maximum feasible reduction measures, or reasonable control measures, but still cannot achieve full compliance; and

(3) The discharger has implemented an action plan to achieve compliance.

(f) In the event that the Director extends the time period set forth in subsection (a) above, the Director shall recalculate the mass equivalent concentration limit for the discharger, based on the mass of copper and nickel discharged by the discharger, divided by the average process flow measured after the installation of maximum feasible reduction measures by the discharger.

Article V. Wastewater Discharge Permits; Reports

Sec. 23-9. Mandatory wastewater discharge permits.

No critical user shall connect, discharge, cause, allow, or permit any discharge, into the sanitary sewer system except in accordance with a wastewater discharge permit issued by the Director.

Sec. 23-9.1 Permit duration and amendment.

(a) Wastewater discharge permits shall be issued for a specific duration, not to exceed five (5) years.

(b) Permits shall be subject to amendment by the City as limitations or requirements for wastewater discharge are modified and changed.

(c) The holder of a wastewater discharge permit shall be informed of any proposed amendment to its permit at least thirty (30) days prior to the effective date of the amendment.

(d) The Director may include a compliance schedule in an amended permit.

Sec. 23-9.2 Permit application.

(a) All persons requiring a wastewater discharge permit shall file a complete application, in the form prescribed by the Director, and accompanied by the applicable fees, as established by resolution of the City Council.

(b) For new construction, permit applications shall be filed with the Director at the time that an application for a building permit for a new building or structure is made.

(c) All persons discharging wastewaters into the sanitary sewer system for which a wastewater discharge permit has been issued must apply for a new permit prior to making a significant change in the operations affecting their discharge.

Sec. 23-9.3 Delinquent fees.

(a) Any person who fails to file an application for a wastewater discharge permit prior to discharge shall be assessed a penalty for delinquent filing as follows:

(1) Up to and including thirty (30) days delinquency, the penalty shall be fifty percent 50% of the permit fee.

(2) More than thirty (30) days but less than one year delinquency, the penalty shall be one hundred percent (100%) of the permit fee.

(3) More than one (1) year delinquency, the penalty shall be one thousand percent (1,000%) of the Permit fee.

(b) Such penalties shall be in addition to any other penalties or fines that may be levied, and in addition to any other remedies that the City may have with respect to the discharge.

Sec. 23-9.4 Signature requirements.

(a) Permit applications, discharge reports and any other reports required by the Director shall be signed by an executive officer of the business filing the application.

(b) Such executive officer shall be at least of the level of vice president, general partner, president, or an individual responsible for the overall operation of the facility applying for said permit, or meet federal requirements for NPDES applications as contained in Title 40 of the Code of Federal Regulations.

Sec. 23-9.5 Additional information.

(a) If the Director is not satisfied that the permit application has sufficient information to determine whether the permit should be issued, the Director may refuse to issue the permit or request that the applicant submit further information.

(b) The applicant shall have thirty (30) working days, or such longer period of time as allowed by the Director, after reviewing a request for information, to complete the application.

(c) If the returned application is not resubmitted within the specified time period, then a new application for wastewater discharge permit must be submitted along with the application fees for a new permit.

Sec. 23-9.6 No transfer of permit.

Wastewater discharge permits are issued to a specific user for a specific operation. No user shall assign, transfer or sell a wastewater discharge permit, or use the permit for on premises or for facilities or operations not covered by the permit.

Sec. 23-9.7 Denial of permit.

The Director may deny a wastewater discharge permit if any one or more of the following conditions exist:

(a) The application is not accompanied by the required fee(s).

(b) The application contains false or misleading information.

(c) The issuance of the permit would result in the discharge of industrial wastes of such quantity or strength that the public health or safety, or public or private property are endangered.

(d) The issuance of the permit would cause the Plant to violate any permit conditions, laws, or regulations of the State and/or Federal government.

(e) The applicant has not provided adequate information to establish that its discharge will comply with all requirements of this Chapter 23 and with such other terms and conditions as the Director may deem necessary to include in the discharger's permit.

(f) The applicant has not provided plans for sufficient protection from accidental discharges to the land, storm sewer system, and sanitary sewer system.

Sec. 23-9.8 Permit conditions.

(a) Wastewater discharge permits shall be expressly subject to all provisions of this Chapter 23 and all other regulations, user charges, discharge limitations, and fees established by the City and all applicable local, state and federal law and regulations.

(b) The permit may include such terms and conditions as the Director may deem necessary to implement this Chapter 23, the regulations issued by the Director under this Chapter 23, or any other applicable local, state or federal law and regulations, including but not limited to:

(1) Limits on the average and maximum wastewater constituents and characteristics;

(2) Requirements for installation and maintenance of flow monitoring, inspection, and sampling facilities;

(3) Specifications and pretreatment requirements for monitoring programs which may include sampling locations, frequency of sampling, number, types and standards for tests and reporting schedule;

(4) Compliance schedules;

(5) Requirements for submission of technical reports or discharge reports;

(6) Requirements for maintaining and retaining plant records relating to wastewater discharge as specified by the City and affording the City access thereto;

(7) Requirements for notification to the City of any new introduction of wastewater constituents or any significant change in the volume or character of the wastewater constituents being introduced into the wastewater stream;

(8) Requirements and plans for protection against accidental discharges, including but not limited to berming of chemicals and waste materials. The review and approval of such plans and operating procedures shall not relieve the user from the responsibility of modifying the facility as necessary to provide the protection necessary to meet the requirements of this Code or other state or federal regulations.

(9) Requirements for notification of accidental discharges.

Sec. 23-9.10 Permit appeals.

(a) Any permittee or permit applicant may appeal a notice of revocation of a wastewater discharge permit, notice of denial of a permit, any term or condition of a permit, amendment of a permit, or notice of termination of service to the Director.

(b) A request for hearing on a decision to revoke a permit or terminate service shall be filed, in writing, with the Director, within ten (10) days after the date the notice of revocation or termination of service is served on the permittee. A request for hearing on a decision to revoke a permit or terminate service shall, except in the case of immediate permit revocation or suspension of service for the preservation of public health or safety or for the protection of public or private property, stay the effect of the notice of revocation or termination of service, during the pendency of the appeal.

(c) A request for hearing on a decision to deny a permit, on the terms or conditions in a permit, on an amendment to a permit, shall be filed, in writing, with the Director, within thirty (30) days after the date the notice of decision is served on the applicant.

(d) Failure of a permittee or applicant to timely request a hearing shall be deemed acceptance of the Director's decision, and the Director’s decision shall be deemed final.

(e) At the hearing before the Director, the applicant shall be given an opportunity to present witnesses and documentary and other evidence.

(f) The hearing will be conducted informally and technical rules of evidence shall not apply. Any and all evidence which the Director deems reliable, relevant and not unduly repetitious may be considered.

(g) The applicant may be represented at the hearing by any another person.

(h) The Director shall provide written notice of decision on the appeal to the permittee or applicant. The decision of the Director on the appeal shall be deemed final and effective three (3) days after notice of the decision on appeal is served on the permittee or applicant.

(i) Filing of a request for hearing shall not entitle any person to discharge in violation of any of the provisions of this Code.

(j) Any permittee or permit applicant may appeal the Director's decision on the appeal to the City Council by the procedure for revocation and permit denials and appeals therefrom as set forth in Article VI of Chapter 2 of the City Code.

Article VI. Promulgation of Regulations

Sec. 23-10. Promulgation of regulations.

(a) The Director may, from time to time, prescribe such rules and regulations as he or she may deem necessary or expedient for the administration or implementation of this Chapter 23, including, but not limited to, the authority to review and to revise existing administrative regulations, and to promulgate new regulations, concerning industrial wastewater discharge, as necessary to implement this Chapter 23.

(b) The administrative regulations may address, but are not limited to:

(1) Data to be required in wastewater discharge permit applications.

(2) The audit protocols for the mass audit studies to be performed by or for Group 1 dischargers and for addenda and revisions to the mass audit studies.

(3) The reasonable control measures to be included in the Group 2 dischargers' permits.

(4) The best management practices to be included in the Group 3 dischargers' permits.

(5) Data to be required in self monitoring reports, discharge reports, and other technical reports to be submitted by industrial users.

(6) Sampling requirements for discharger self monitoring.

(c) Regulations adopted by the Director shall have the same force and effect as the sewer use regulations contained in this Chapter 23.

Article VII. Enforcement

Sec. 23-11. Responsibility.

The primary responsibility for enforcement of the provisions of this Chapter 23 shall be vested in the Director or agents of the City as he shall designate and, provided further, that field inspectors or other employees of the City are hereby authorized to act as agents of the City or of the sewage treatment plant for and on behalf of the Director, with the power to inspect and issue notices for violations of this Chapter 23.

Sec. 23-11.1 Federal pretreatment regulations.

No industrial user shall discharge, cause, allow or permit a discharge, into the sanitary sewer system in violation of any federal or state regulation regulating discharges by such users, including but not limited to the federal pretreatment regulations found in Title 40 of the Code of Federal Regulations.

Sec. 23-11.2 Falsification of information.

(a) It shall be unlawful to make any false statement, representation, record, report, plan or other document or to tamper with or render inaccurate any monitoring device or equipment or divert flow from any monitoring device or equipment installed or operated to further the purpose of this Chapter 23 or the purpose of any permit issued under this Chapter 23.

(b) In addition to any other punishment or remedy provided by law, any such falsification or tampering shall be grounds for revocation of any permit issued under this Chapter 23.

Sec. 23-11.3 Power to inspect.

(a) The Director and other duly authorized employees and agents of the City bearing credentials and identification shall have the right to access upon all properties for the purpose of inspecting any sewer or storm drain connection, including, but not limited to, all discharge connections of roof and surface drains and plumbing fixtures; inspecting, observing, measuring, photographing, sampling, and testing the quality, consistency, and characteristics of sewage and industrial wastewaters being discharged into any public sewer or natural outlet; and inspecting and

copying any records relating to quantity and quality of wastewater discharges, including but not limited to water usage and effluent discharged, chemical usage, and hazardous waste records.

(b) The Director may terminate service or revoke the permit of any person who has discharged wastewater to the sanitary sewer system and/or has unreasonably refused access to the City.

Sec. 23-11.4 Discharge reports.

(a) The Director may require that any person discharging wastewater into the sanitary sewer system file periodic discharge reports or a zero discharge report.

(b) The periodic discharge report may include, but is not limited to, nature of process, volume, rates of flow, mass emission rate, hours of operation, number of employees, or other information which relates to the generation of waste, including wastewater constituents and characteristics in the wastewater discharge and the ability of the discharger to meet applicable discharge limits.

(c) The zero discharge report shall certify that the discharger does not discharge industrial waste to the sanitary sewer system.

(d) The Director may also require such periodic discharge reports and zero discharge reports to include information concerning the chemical constituents and quantity of chemicals stored on-site, even though they may not normally be discharged.

(e) In addition to discharge reports, the Director may require industrial users to submit such additional reports as may be necessary to allow the City to evaluate the industrial user's discharge, including, but not limited to, self-monitoring reports.

(f) It shall be unlawful for any person who has discharged wastewater to the sanitary sewer system to refuse to file any report requested by the Director.

Sec. 23-11.5 Termination of service and permit revocation.

(a) The Director may revoke any wastewater discharge permit, and/or terminate, or cause to be terminated wastewater service to any premises:

(1) If a discharge of wastewater from the premises causes or threatens to cause a violation of any provision of this Chapter 23 or applicable local, state or federal regulations, or

(2) If a discharge of wastewater from the premises causes or threatens to cause a condition of contamination, pollution, or nuisance.

(b) Written notice of the permit revocation or service termination, and a statement of the grounds therefor, shall be delivered to the discharger. The notice shall be effective ten (10)

calendar days after it is served on the discharger, unless the Director determines that immediate permit revocation or suspension of service is necessary for the preservation of public health or safety or for the protection of public or private property. If the Director determines that immediate permit revocation or suspension of service is necessary, the Director may act to revoke the permit or suspend service immediately after written notice is delivered to the discharger.

(c) It shall be unlawful for any person to discharge any material into the sanitary sewer system from any premises for which the permit has been revoked or wastewater service has been suspended or terminated.

Sec. 23-11.6 Criminal or civil penalty for violation; payment of funds to account.

Pursuant to the City's prosecutorial discretion, the City may enforce violations of the provisions of this Chapter 23 as criminal, civil, or administrative actions.

(a) Infraction/Misdemeanor. Any person who violates any of the provisions of this Chapter 23, any of the provisions of any written authority by the City Manager or designee or any provision of any permit issued pursuant to this Chapter 23 shall be guilty of an infraction and/or misdemeanor. Each and every day, or any part thereof, during which any such violation is committed, continued, or allowed, shall be a separate offense.

(b) Prosecution. Every violation of this Chapter 23 shall be a misdemeanor; provided, however, that where the City Attorney has determined that such action would be in the best interest of justice, the City Attorney may specify in the accusatory pleading or citation, that the violation shall be prosecuted as an infraction.

(c) Penalty for Infraction. Each and every violation of this Chapter 23 which is deemed an infraction is punishable by:

(1) A fine not exceeding one hundred dollars ($100.00) for the first violation;

(2) A fine not exceeding two hundred dollars ($200.00) for the second violation of the same or similar provision within one year period; or,

(3) A fine not exceeding five hundred dollars ($500.00) for each additional violation, after the second, of the same or similar provision of this Chapter 23 within a one year period of the first violation.

(d) Penalty for Misdemeanor. Each and every violation of this Chapter 23 which is deemed a misdemeanor and is punishable by a penalty of not more than one thousand dollars ($1,000.00), or by imprisonment in the City or County jail for a period of not exceeding six (6) months, or, by both penalty and imprisonment. The following designated employee positions may enforce the provisions of this Chapter 23 by issuance of citations. Persons employed in such positions are authorized to exercise the authority provided in Penal Code Section 836.5 and are

authorized to issue citations for violations of this Chapter 23. The designated employee positions are: the City Manager or designee.

(e) Civil Penalties. Any person who intentionally, accidentally, or negligently violates any provisions of this Chapter 23, any provision of any permit issued pursuant to this chapter, or who intentionally, accidentally, or negligently discharges waste or wastewater which causes pollution, or violates any effluent limitation, national standard of performance, or national pretreatment or toxicity standard, shall be civilly liable to the City in a sum up to ten thousand dollars ($10,000) for the first day in which such violation occurs, up to twenty-five thousand dollars ($25,000) for the second day in which such violation occurs, and fifty thousand dollars ($50,000) for each additional day. The City may petition the municipal or superior court to impose, assess, and recover such sums. The civil penalty provided in this section excludes inspection costs, and cleanup or abatement costs, is cumulative and not exclusive, and shall be in addition to all other remedies available to the City under state and federal law and local ordinances. Funds collected pursuant to this section shall be paid to City's Environmental Compliance Fee Account.

Sec. 23-11.7 Emergency cleanup or abatement.

In order to enforce the provisions of this Chapter 23, when the City Manager or designee find and determine that the severity of the violation warrants immediate action, he or she shall cause the clean up or abate the violation thereof. The cost of such cleanup or abatement may be recovered by the City in a civil action. Such emergency cleanup or abatement will not relieve the person of further action which may be taken by the City Manager or designee including, but not limited to, suspension, revocation or modification of the discharger's permit, liability for any violations of this Chapter 23, or any other applicable provisions of state or federal laws, or local ordinances.

Sec. 23-11.8 Administrative penalties.

Whenever the City Manager or designee find that any person has violated any notice of violation requiring compliance with any provision of this Chapter 23, or has violated any provision of this Chapter 23, he or she may assess an administrative penalty in a sum not to exceed one thousand dollars ($1,000) per day, excluding inspection costs, or cleanup or abatement costs. The remedy provided in this Section shall be pursuant to administrative procedures and are cumulative and not exclusive, and shall be in addition to all other remedies available to the City under state and federal law and local ordinances. Funds collected pursuant to this Section shall be paid to City's Environmental Compliance Fee Account.

Sec. 23-11.9 Costs of enforcement.

In any civil, criminal, or administrative appeal, hearing, or action commenced by the City under this Chapter 23, the City shall be entitled to recover from the defendant of such action reasonable attorney's fees, costs of suit, any other costs of enforcement, including, but not limited to, inspection costs, and cleanup or abatement costs."

SECTION 3: Constitutionality, severability.

If any section, subsection, sentence, clause, phrase, or word of this ordinance is for any reason held by a court of competent jurisdiction to be unconstitutional or invalid for any reason, such decision shall not affect the validity of the remaining portions of the ordinance. The City Council hereby declares that it would have passed this ordinance and each section, subsection, sentence, clause, phrase, and word thereof, irrespective of the fact that any one or more section(s), subsection(s), sentence(s), clause(s), phrase(s), or word(s) be declared invalid.

SECTION 4: Savings Clause.

The changes provided for in this ordinance shall not affect any offense or act committed or done or any penalty or forfeiture incurred or any right established or accruing before the effective date of this ordinance; nor shall it affect any prosecution, suit or proceeding pending or any judgment rendered prior to the effective date of this ordinance.

SECTION 5: Emergency measure; effective immediately upon final adoption.

Pursuant to City Charter Sections 811 and 812, the City Council hereby declares this ordinance to be necessary as an emergency measure for the preserving of the public peace, health, safety and property in the City, and as such, shall go into effect immediately upon its final adoption after publication at least once in an official newspaper of the City for the following reason(s):

The City is mandated to adopt the sanitary sewer discharge limitations as set forth in the City Code, Chapter 23, as amended, to enable the City's Water and Sewer Utilities Department to comply with the time line for compliance prescribed in San Francisco Bay Regional Water Quality Control Board Cease and Desist Order No. 93-118 and Consent Decree and Settlement Agreement between The Citizens for a Better Environment, Peninsula Conservation Foundation, The Bay Institute of San Francisco, San Francisco Baykeepers, San Francisco Bay Association, Santa Clara Valley Audubon Society, Silicon Valley Toxics Coalition, and the Cities of San Jose and Santa Clara [USCD No. Dist. Case No. C93-20310 RMW].

The City desires to adopt Chapter 23, as amended, into the City Code, to efficiently enforce the provisions of the City Code and to protect the property, health and safety of the citizens of the City.

The City and the City of San Jose share the Plant facility which treats, discharges, and recycles wastewater. The City's Water and Sewer Utilities Department wishes to adopt the sanitary sewer discharge limitations as set forth in Chapter 23, as amended, of the City Code, to avoid any potential conflict with the sanitary sewer discharge limitations as maintained and enforced by the San Jose Municipal Code.

The City's Water and Sewer Utilities Department wishes to adopt the sanitary sewer discharge limitations as set forth in Chapter 23, as amended, of the City Code, to prevent the introduction of pollutants into the sanitary sewer system which will pass through the treatment works of the Plant or otherwise be incompatible with such works or interfere with the ability of the Plant to treat, discharge and recycle wastewater, or to use or dispose of Plant bio-solids.

In order to accomplish these goals, Chapter 23, as amended, of the City Code, must be adopted by means of this emergency ordinance.

Table 23.6

INTERFERING SUBSTANCES

Toxic Substance	Maximum Allowable Concentration
Antimony	5.0 mg/l
Arsenic	1.0 mg/l
Beryllium	0.75 mg/l
Cadmium	0.7 mg/l
Chromium, Total	1.0 mg/l
Copper	2.7 mg/l
Cyanides	0.5 mg/l
Lead	0.4 mg/l
Manganese	35.0 mg/l
Mercury	0.010 mg/l
Nickel	2.6 mg/l
Phenol & derivatives	30.0 mg/l
Selenium	2.0 mg/l
Silver	0.7 mg/l
TTO	2.13 mg/l
Xylene	1.5 mg/l
Zinc	2.6 mg/l

Surcharge for Violation of Industrial Waste Regulation

(Excerpt from Resolution 6197, Approved 8/6/96)

EXCERPT FROM RESOLUTION 6197, APPROVED 8/696

SECTION 3: Surcharge for Violation of Industrial Waste Regulation
A monthly special surcharge, as provided hereinbelow, shall be immediately imposed in addition to the monthly sewer service charge on each user issued a written "Notice of Violation of Industrial Waste Regulations". Said surcharge shall be placed on a billing following punishment provisions and other remedies provided in "The Code of The City of Santa Clara, California" or by any other law, regulation, order, or decree.

The surcharge shall be as follows:

First Violation:	None
Two violations within a 12-month period:	50% of Sewer Billing
Three violations within a 12-month period:	100% of Sewer Billing
Four violations within a 12-month period:	200% of Sewer Billing
Five violations within a 12-month period:	10 times Sewer Billing

The surcharge shall remain in effect and be imposed monthly until the user demonstrates to the satisfaction of the Director that the industrial waste violation has been permanently corrected.

SECTION 4: Savings Clause.
Any repeal provided for in Section 5 of this resolution shall not affect any offense or act committed or done or any penalty or forfeiture incurred before the effective date of that repeal; nor shall it affect any prosecution, suit or proceeding pending or any judgment rendered prior to the effective date of that repeal.

SECTION 5: Severability.
It is hereby declared to be the intention of the City Council that the sections, paragraphs, sentences, clauses, and phrases of this resolution are severable, and if any phrase, clause, sentence, paragraph, or section of this resolution shall be declared unconstitutional or otherwise invalid by a valid judgment or decree of a court of competent jurisdiction, such unconstitutionality or invalidity shall not affect any of the remaining phrases, clauses, sentences, paragraphs, and sections of this resolution hereby adopted.

Wastewater Discharge
Permit Regulations
(Excerpt from Resolution 6222, Approved 8/6/96)

RESOLUTION NO 6222

WASTEWATER DISCHARGE PERMIT REGULATIONS

SECTION 1: PERMIT REQUIREMENTS

1-1 Action by Director on Permit Application(s)

(a) The Director shall either issue or refuse to issue a Wastewater Discharge Permit to any person who applies for such Permit.

(b) If the Director refuses to issue a Permit, the application fees shall not be returned to the applicant unless the Director has ascertained that a Permit is not required to discharge the wastewater for which the Permit application is made.

(c) Applications for renewal of a Wastewater Discharge Permit must be submitted no later than the expiration date. Where an application for renewal has been received prior to the expiration date, the existing Wastewater Discharge Permit will remain in effect, and enforceable, until a new Permit is issued.

1-2 Change of Ownership

If at any time the facility for which a Permit is issued is sold to another party, the new owners shall apply for a Wastewater Discharge Permit within 30 working days of taking possession of the facility. The conditions of the existing Permit shall prevail until the Director issues a valid Permit.

1-3 Permit Application for New Issuance, Renewal, Revision and Reclassification

(a) The Permit applicant may be required to submit the following information, in units and terms appropriate for evaluation:

Name, address and SIC number;

1. Volume of wastewater to be discharged;

2Wastewater constituents and characteristics, including but not limited to those mentioned in Section 23-6.8, “Interfering Substances,” of the Santa Clara Municipal Code, as determined by a Laboratory approved and certified by the State of California, Department of Health;

3Time and duration of discharge;

4Average and daily maximum wastewater flow rates, including daily, monthly, and seasonal variations, if any;

5Site plans to show all sewers and appurtenances by size and location;

6Type of product;

7Number of employees and hours of work;

8Hazardous Materials Management Plan;

9Scope of planned work that results in changes in the wastewater constituents; and,

10Additional pollution prevention projects that will be implemented as a result of an addendum to, or revised Mass Audit Study;

11Proposed time schedule for the implementation of process changes, water conservation projects, and pollution prevention projects identified as Maximum Feasible Reductions;

12Production data including, projected time period in which production levels are expected to increase, duration of production increases which may result from seasonal or economic variations;

13Any other information deemed by the Director to be necessary to evaluate the Permit application.

(b) Applications submitting information for the renewal, revision, and reclassification of an existing Permit, or change of ownership, are not required to submit information that is currently on file if the information has not changed since the last application was filed. Privileged Information, as defined in these regulations, may be retained at the Discharger’s site and made available for review by the City.

SECTION 2: GROUP 1 DISCHARGERS

2 - 1 Users of Copper and Nickel

For the purposes of Section 23-2(g)(4), “Group 1 Discharger,” an Industrial User which typically uses copper or nickel as part of is operational processes is defined as an industry which conducts one of the following operations:

(a) Solutions of copper or nickel are used in a metal finishing process that results in chemical, electrochemical, or physical deposition of copper or nickel onto a work piece.

(b) Copper or nickel is removed from any work piece by a chemical, electrochemical, or physical process.

2 - 2 Rejection of Anomalous Data Points

(a) When calculating the average concentration of copper or nickel discharged, the Director may reject anomalous data from inclusion in baseline mass loading calculations in Sections 23-2(g)(4), "Group 1 Discharger," Section 23-8.1, Mass Equivalent Concentration Limit," based upon the statistical method of the Q-Test, found in G. D. Christian, "Analytical Chemistry," New York: John Wiley & Sons, Inc., 1980, and adapted from R. B. Dean and W. J. Dixon, Anal. Chem., 23 (1951), 636.d

(b) For the purposes of determining compliance with any discharge limit, anomalous data may not be rejected. Erroneous data, or analysis not conducted in accordance with 40 CFR 136, may not be used for baseline mass loading and compliance purposes.

2 - 3 Interpretation of Analysis Results Less than the Analytic Detection Limit

For calculating the Average Concentration and in determining compliance with any discharge limit, pollutant concentrations expressed as less than the analytical detection limit will be set equal to the detection limit. In cases where a Discharger disputes the accuracy of this method, the Discharger will be required to use an analytical method with sufficient sensitivity to accurately quantify the pollutant concentration. Dischargers must use an analytical detection limit less than the discharge limit for which compliance is being determined.

2 - 4 Revision of MECL

Applications for the revision of a Discharger's MECL must be submitted at least 10 days prior to the Discharger exceeding the MECL.

SECTION 3: GROUP 2 DISCHARGERS

3 - 1 Compliance of Group 2 Dischargers with Discharge Limits

For the purpose of Section 23-8.5, "Group 2 Discharger - Daily Maximum Average Concentration Limit," Dischargers unable to meet the average annual concentration limit must submit a plan identifying all installed Reasonable Control Measures to the Director for review. Upon approval by the Director that appropriate Reasonable Control Measures have been installed, the Discharger will be required to comply with the average daily concentration limit.

3 - 2 List of Reasonable Control Measures

For the purpose of Section 23-8.5, "Group 2 Discharger - Daily Maximum Average Concentration Limit," the Director shall maintain, and amend as necessary, a list of Reasonable Control Measures applicable to Group 2 Dischargers. Installation of Reasonable Control Measures will be required of projects which as a group are considered Cost Effective and applicable to the Discharger's process. See Appendix B.

3 - 3 Discharge Limits for Group 1 Dischargers without Established MECL

Dischargers that are designated as a Group 1 Discharger for copper or nickel, but not both, will be required to meet discharge limits under Section 23-8.5, "Group 2 Discharger - Daily Maximum Average Concentration Limit," for the pollutant for which an MECL is not established.

3 - 4 Determining Compliance with MECL

For the purposes of Section 23-8.1, exceeding the MECL established in the Discharger's Permit will be determined by averaging all measurements taken in a calendar month and comparing this value with the MECL. If the average value of all measurements taken within a calendar month exceeds the MECL, then the Average concentration for the one year period immediately preceding the month in which the MECL was exceeded will be compared to 110% of the Discharger's MECL.

SECTION 4: GROUP 3 DISCHARGERS

4 - 1 Best Management Practices

For the purposes of Section 23-8.6, "Group 3 Dischargers - Best Management Practices," the Director shall maintain, and amend as necessary, Best Management Practices applicable to Group 3 Dischargers. See Appendix B.

SECTION 5: PERMIT CONDITIONS

5 - 1 Implementation Schedules

The Director may establish, and require as a permit condition, Implementation Schedules to; correct non-compliance, implement Maximum Feasible Reductions, install Reasonable Control Measures, and other purposes deemed appropriate by the Director. Implementation Schedules may include, but are not limited to; installation of pretreatment equipment, training of employees, and procedures for in-house monitoring.

5 - 2 Self-Monitoring Sampling Requirements

(a) The frequency of sampling for compliance with discharge limits, submitting Discharge Reports, and other requirements shall be set forth in Appendix A.

(b) Self-Monitoring for determining compliance with federal categorical standards cannot be reduced below the minimum frequency set for specific groups of categorical Dischargers.

5 - 3 Water Conservation

The Director may require a Discharger to evaluate water conservation measures for industrial process water as a part of any Pre-Construction Audit, Industrial Wastewater Discharge permit application, Mass Audit Study (MAS), Reasonable Control Measures Plan (RCMP), Best Management Practices (BMP) or at any other time deemed necessary by the Director. The Director may require implementation of water conservation measures which are found to be cost effective.

5 - 4 Privileged Information

For the purposes of these regulations, "privileged information" is defined as information which is exempt or prohibiting from disclosure to the public under any provision of State or federal law, including but not limited to provisions of the Evidence Code relating to the privilege to protect a trade secret. Privileged information submitted by a Discharger to the Department, which the discharger clearly marks as privileged, will

be released by the City to the general public only after providing ten (10) days written notice to the Discharger of the City's intention to release the information, allowing the Discharger an opportunity to seek an injunction against disclosure of the information from the Superior Court. Privileged information may be made available to other government agencies, provided that such agencies file with the Department a statement acknowledging the receipt of such information.

SECTION 6: SAVINGS CLAUSE

Any repeal provided for in Section 7 of this Resolution shall not affect any offense or act committed or done or any penalty or forfeiture incurred before the effective date of that repeal; nor shall it affect any prosecution, suit or proceeding pending or any judgment rendered prior to the effective date of that repeal.

SECTION 7: SEVERABILITY

It is hereby declared to be the intention of the City Council that the sections, paragraphs, sentences, clauses, and phrases of this Resolution are severable, and if any phrase, clause, sentence, paragraph, or section of this Resolution shall be declared unconstitutional or otherwise invalid by a valid judgment or decree of a court of competent jurisdiction, such unconstitutionality or invalidity shall not affect any of the remaining phrases, clauses, sentences, paragraphs, and sections of this Resolution hereby adopted.

SECTION 8: EFFECTIVE DATE

These regulations shall become effective immediately.

APPENDIX A

MECL and Average Annual Concentration Monitoring Report

Dischargers may be required to submit wastewater monitoring data in addition to the Self Monitoring Report. The MECL and average annual monitoring report will be required when the sampling frequency for demonstrating compliance with the Discharger's MECL or Group 2 average annual concentration is greater than the Self Monitoring Report frequency.

If Discharge samples more frequently than once each month, the result of all MECL and average annual sampling for a given month will be averaged to one monthly value. Each individual laboratory analysis performed must be submitted along with the reported average value. MECL and average annual concentration monitoring report for any given month will be submitted during the following month. The MECL and average annual concentration monitoring report may be submitted with the required Self-Monitoring Report if concurrent.

Group 1 Dischargers - MECL Sampling Requirements

All Group 1 Dischargers who have not demonstrated compliance with Section 23-8.1 for the immediately previous consecutive 6 month period, shall sample with a minimum frequency of once per week.

Any Group 1 Discharger that demonstrates compliance with Section 23-8.1, with a weekly sampling frequency, for the immediately previous consecutive 6 month period shall sample with a minimum frequency of twice per month. Any Group 1 Discharger that demonstrates compliance with Section 23-8.1, with a sampling frequency of twice monthly, for the immediately previous consecutive 6 month period shall sample with a minimum frequency of once per month.

Group 2 Dischargers - Average Annual concentration Sampling Requirements

All Group 2 Dischargers who have not demonstrated compliance with Section 23-8.5 for the immediately previous

consecutive 6 month period, shall sample with a minimum frequency of once per month.

Any Group 2 Discharger that demonstrates compliance with Section 23-8.5, with a monthly sampling frequency, for the immediately previous consecutive 6 months period shall sample with a minimum frequency of once every three months.

Any Group 2 Discharger that demonstrates compliance with Section 23-8.5, with a sampling frequency of once every three months, for the immediately previous consecutive 6 month period shall sample with a minimum frequency of one every six months.

APPENDIX B

Best Management Practices

The Director has established as of July 31, 1995, Best Management Practices for the following operations:

(a) Automotive Maintenance and Repair
(b) Commercial Printing
(c) Machine Shops
(d) Photo Processing

Reasonable Control Measures

The Director has established as of July 31, 1995. Reasonable Control Measures for the following operations:

(a) Printed Circuit Board Manufacturing
(b) Metal Finishing Processes

Fees for Industrial Wastewater Discharge Permits

(Resolution 6223, Approved 8/6/96)

RESOLUTION NO. 6223

SECTION 1: FEES FOR INDUSTRIAL WASTEWATER DISCHARGE PERMITS

1-1 This City Council does hereby fix and establish the following rates to be charged by the San Jose/Santa Clara Water Pollution Plant in connection with the industrial waste discharge permit program:

Permit Action	Fee
Issuance of Group 1 Discharge Permit	One Thousand Four Hundred Dollars ($1,400)
Issuance of Group 2 Discharge Permit	One Thousand Fifty Dollars ($1,050)
Issuance of Group 3 Discharge Permit, including Temporary Discharge Permit	Five Hundred Sixty Dollars ($560)
Application for Permit Reclassification of Revision of Maximum Equivalent Concentration Permit Limit	Five Hundred Sixty Dollars ($560)

1-2 The permit fees currently being charged by the San Jose/Santa Clara Water Pollution Control Plant shall continue to be effective until superseded by this resolution.

SECTION 2: SAVINGS CLAUSE

Any repeal provided for in Section 3 of this Resolution shall not affect any offense or act committed or done or any penalty or forfeiture incurred before the effective date of that repeal; nor shall it affect any prosecution, suit or proceeding pending or any judgment rendered prior to the effective date of that repeal.

SECTION 3: SEVERABILITY

It is hereby declared to be the intention of the City Council that the sections, paragraphs, sentences, clauses, and phrases of this resolution are severable, and if any phrase, clause, sentence, paragraph, or section of this Resolution shall be declared unconstitutional or otherwise invalid by a valid judgment or decree of a court of competent jurisdiction, such unconstitutionality or invalidity shall not affect any of

the remaining phrases, clauses, sentences, paragraphs, and sections of this Resolution hereby adopted.

SECTION 4: EFFECTIVE DATE

The fees established by this Resolution shall be effective immediately.

ADDITIONAL INFORMATION

Environmental Enforcement Source Control (For questions regarding discharges to the sanitary sewer)	(408) 945-3000
Water and Sewer (Daytime)	(408) 984-3183
(After hours and Emergencies)	(408) 984-3136
Storm Drain/Nonpoint Source Pollution (Discharges to street, creeks, or storm drains)	(408) 984-3080
Water Conservation, Rebates, Financial Incentives	(408) 984-3183
Hazardous Materials (For questions regarding storage and disposal)	(408) 984-3084
Hazardous Materials Reguslations Santa Clara County, Department of Environmental Health	
Hazardous Materials Compliance	(408) 299-2386
Hazardous Waste Management Program (Pollution Prevention Program)	(408) 441-1195
United States Environmental Protection Agency (U.S. EPA)	(408) 744-1500
California Environmental Protection Agency (Cal/EPA) Department of Toxic Substances Control (DTSC) Region 2, Berkeley	(510) 540-3729
Hazardous Materials Data Management General Help Desk	(916) 327-1848
DTSC Onsite Consultant Services	(510) 540-3936
Bay Area Air Quality Management Distrtict	(415) 771-6000
Northern California Business **Environmental Assistance Center (BEAC)** (For regulatory infromation, technical assistance, eductaion & training)	(800) 799-2322

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