Project No.
9450.000.000

March 29, 2012
Revised June 4, 2012

Mr. Andy Byde
Braddock & Logan
4155 Blackhawk Plaza Circle, Suite 201
Danville, CA, 94506

Subject: 31 South Milpitas Boulevard
APN 086-28-041
Milpitas, California

PHASE II ENVIRONMENTAL SITE ASSESSMENT

Reference: ENGEO; Phase I Environmental Site Assessment (Draft), 31 South Milpitas Boulevard, Milpitas, California; March 29, 2012; Project No. 9450.000.000.

Dear Mr. Byde:

We are pleased to submit our phase II environmental site assessment report undertaken at the subject property (Property) in Milpitas, California (Figure 1). The purpose of the assessment was to evaluate the potential environmental conditions identified in the above-referenced report that could affect the proposed redevelopment of the Property.

BACKGROUND

The Property is located at 31 South Milpitas Boulevard in Milpitas, California (Figure 1). The approximately 7.4-acre Property is identified as APN 086-28-041 and is currently occupied by a vacant one-story office building with associated parking and landscaping areas.

The Property is bound by East Calaveras Boulevard to the north, Wells Fargo Bank and Union Bank to the east, two unoccupied commercial/industrial structures to the south, and Western Pacific railroad tracks to the west. Review of historical records indicates that the Property was undeveloped farmland until around 1983 when the existing building was built. The previous tenant, Read-Rite, utilized the office building as a high-technology chip manufacturing facility until November 2002 when the building was vacated. During Read-Rite's tenancy, a hazardous storage shed, diesel generator, two assembly rooms, and a loading dock were utilized during business activities.

The referenced phase I environmental site assessment identified no Recognized Environmental Conditions (REC) for the Property. However, based on the review of regulatory databases and site reconnaissance, several features of potential environmental concern were identified. These features are not considered to be RECs, but they could conceivably impact redevelopment. We briefly discuss each feature below:

- Past sampling at the adjacent upgradient site, 345 Los Coches Street, has identified impacted groundwater and soil gas with volatile organic compounds (VOCs). This site is also known to have the same tenant (Read-Rite) as the subject Property.

- A hazardous storage shed is located on the west side of the building. Known hazardous materials used onsite include various solvents such as Freon, Acetone, and other waste solvents.

- Assembly rooms where hazardous materials were used are located within the interior of the vacant building.

- An above-ground diesel tank, which functioned as a backup generator, is located on the west side of the building.

- A hydraulic lift is located on the west side associated with the loading dock area.

FIELD EXPLORATION

To provide insight to potentially impacted areas as identified in the referenced phase I report, a sampling program was implemented consisting of the following work:

- Recovery of eight soil gas samples analyzed for VOCs, including TPH-G, by EPA Test Method T0-15.

- Recovery of sixteen soil samples from roughly 2 feet bgs to test for residual agrichemicals. The discrete samples were combined by the laboratory into four 4-point composite samples and analyzed for organochlorine pesticides by EPA Test Method 8081A. In addition, four discrete soil samples were analyzed for total arsenic by EPA Test 6010B. One additional soil sample SB13 (3 to 4 feet) was collected and analyzed for VOCs including TPH-G by EPA Test Method 8260.

- Recovery of five groundwater samples analyzed for volatile organic compounds (VOCs), including TPH-g, by EPA Test Method 8260B, in addition to TPH-diesel and TPH-motor oil by EPA Test Method 8015B with silica gel cleanup.

SAMPLING ACTIVITIES

Soil Vapor Sampling

A total of eight soil gas samples were collected from temporary sampling well points in accordance with the Department of Toxic Substances Control (DTSC) *Draft Advisory – Active Soil Gas Investigation (March 2010)*. The temporary well points were installed in locations situated across the Property as shown in Figure 2. The soil gas monitoring well casings consisted of ¼-inch-diameter Teflon tubing equipped with a filter at the base of the tubing. The wells were installed in an approximately 4-inch-diameter soil boring to a depth of 5.5 feet below the ground

surface. Approximately 6 inches of No. 3 sand was placed into the bottom of the boring. The well point was installed such that the filter was situated 5 feet below the ground surface with the top of the Teflon tubing extending approximately two feet above the ground surface. An additional 6 inches of sand was placed into the annular space of the boring, followed by 12 inches of hydrated bentonite. The final well seal consisted of the placement of neat cement grout to the surface.

Soil gas samples were collected from each of the eight well points approximately 30 minutes after installation to allow for an equilibrium condition. A sample train was connected to the well casing with a Swagelok® threaded fitting and consisted of a stainless steel twin summa manifold with a built-in flow controller set to 100-200 ml/min, one 6L summa canister (purge), and one 1L summa canisters (sample). Prior to sample collection, the purge canister was opened and three well volumes were extracted. Following purging, samples were collected by opening the sample canister valve and allowing the sample canister to extract soil vapor until the vacuum in the sample canister read 5 inches of mercury. The leak detection compound 1,1-Diflouroethane was applied by wrapping a doused rag around the manifold fittings during sample collection. Two locations, SG2 and SG5, did not provide adequate sample volumes and as a result were not analyzed.

Following sampling, each sample canister was labeled with a unique identification number, sampling time and the pre- and post-sample vacuum readings. The sample canisters were submitted under documented chain of custody to Air Toxics Laboratory in Folsom, California for analysis. The submitted samples were analyzed for volatile organic compounds (VOCs), including TPH-g, by EPA Test Method TO-15. Following collection of the vapor samples, the wells were destroyed and backfilled with grout in accordance with typical standard of care.

Subsurface Soil and Groundwater Sampling

Subsurface soil and groundwater samples were collected from a variety of locations across the Property as shown in Figure 2. Soil samples were retrieved within continuous Geoprobe® acetate core liners measuring 4 feet in length. One-inch-diameter PVC casings with a 5- to 10-foot screen length were temporarily placed into each boring to facilitate groundwater sample collection. Grab groundwater samples were recovered using disposable bailers at each location and decanted into appropriate laboratory glassware. Borings were advanced to approximately 20-25 feet below the ground surface (bgs). Soils were continuously screened and checked for staining or olfactory constituents.

Following recovery, the soil sample sleeves were sealed using Teflon sheets secured by tight-fitting plastic end caps. Upon collection, a label was placed on the sample that included a unique sample number, sample location, time/date collected, laboratory analysis, and the sampler's identification. The recovered soil and groundwater samples were preserved in an ice-cooled chest and submitted under documented chain-of-custody to Accutest Laboratories, Inc., a State-certified laboratory located in San Jose, California for analysis. The submitted soil samples were analyzed for organochlorine pesticides by EPA Test Method 8081A and total arsenic by EPA Test 6010B. The submitted groundwater samples were analyzed for VOCs,

including TPH-g, by EPA Test Method 8260B, in addition to TPH-diesel and TPH-motor oil by EPA Test Method 8015B with silica gel cleanup. Upon completion of the borings, the boreholes were backfilled using standard industry practices with neat cement grout.

ANALYTICAL RESULTS

Based on a review of the laboratory data, no significant detections of analytes were reported for soil or groundwater samples. Slightly elevated levels of benzene were detected in three of the six soil gas samples.

SOIL

The shallow soil samples exhibited detectable arsenic and trace organochlorine pesticides including DDT and DDE. The reported DDT/DDE concentrations are well below the applicable residential soil screening levels adopted by CAL-EPA. Arsenic concentrations ranged from 5.4 to 5.9 milligrams/kilogram (mg/Kg), which are well within the range of expected background concentrations in Santa Clara County.

GROUNDWATER

The five groundwater samples collected did not report VOCs or TPH constituents above laboratory detection limits with the exception of Acetone in Sample GW3 and TPH (C28-C40, diesel range) in Sample GW4. The reported groundwater concentrations are below the respective residential screening levels.

SOIL GAS

Several VOCs, including TPH-G, were detected within the soil gas samples. Total Petroleum Hydrocarbons as Gasoline was reported slightly above the residential screening level (10,000 microgram per cubic meter [$\mu g/m^3$]) in one sample, SG6, at a concentration of 11,000 $\mu g/m^3$; however, the average TPH-G concentration is below the residential screening level. The benzene concentrations for soil gas in Samples SG1, SG3, and SG4 are below the residential Environmental Screening Level (ESL) of 84 $\mu g/m^3$. In our opinion, the benzene and TPH-G concentrations do not represent a vapor intrusion risk.

The complete analytical reports from Air Toxics and Accutest are presented in Appendix A.

CONCLUSION

Based on the findings of this Phase II Environmental Site Assessment, there are no significant impacts to soil or groundwater at the Property. Several VOCs, including benzene and TPH-G were detected within the soil gas samples; however, the benzene and TPH-G concentrations do not represent a vapor intrusion risk.

We recommend that the site be observed by an environmental professional during demolition and pre-grading activities to confirm there are no unforeseen near-surface soil impairments beneath the former building and utilities.

If you have any questions regarding this report, please do not hesitate to contact us.

Sincerely,

ENGEO Incorporated

Scott Johns, PE
sj/sm/jf:phaseII

Shawn Munger, CHG, REAII

Attachments: Figures 1 and 2
Appendix A –Laboratory Test Results

FIGURES

Figure 1 – Vicinity Map
Figure 2 – Site Plan

9450.000.000
March 29, 2012
Revised June 4, 2012

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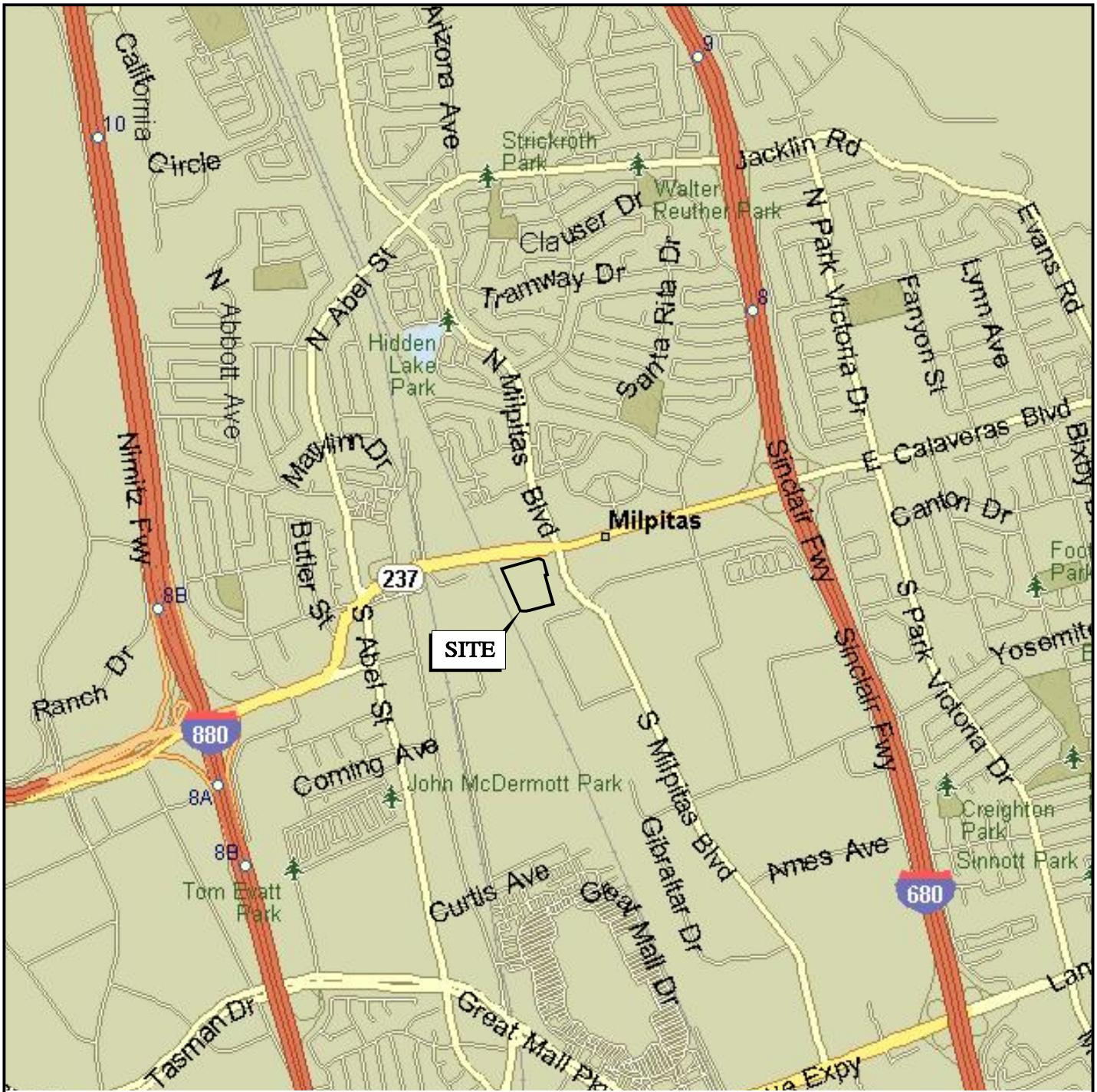

N

0 FEET 2000

0 METERS 1000

BASE MAP SOURCE: MS STREETS AND TRIPS

ENGEO Expect Excellence

VICINITY MAP

31 SOUTH MILPITAS BOULEVARD

MILPITAS, CALIFORNIA

PROJECT NO.: 9450.000.000		FIGURE NO.
SCALE: AS SHOWN		1
DRAWN BY: SRP	CHECKED BY: SM	

G:\Drafting\DRAFTING2_Dwg\9450\000\Phase1-ESA\9450000000-ESA2-1-VicinityMap-0312.dwg Plot Date: 3-29-12 spatters

ORIGINAL FIGURE PRINTED IN COLOR

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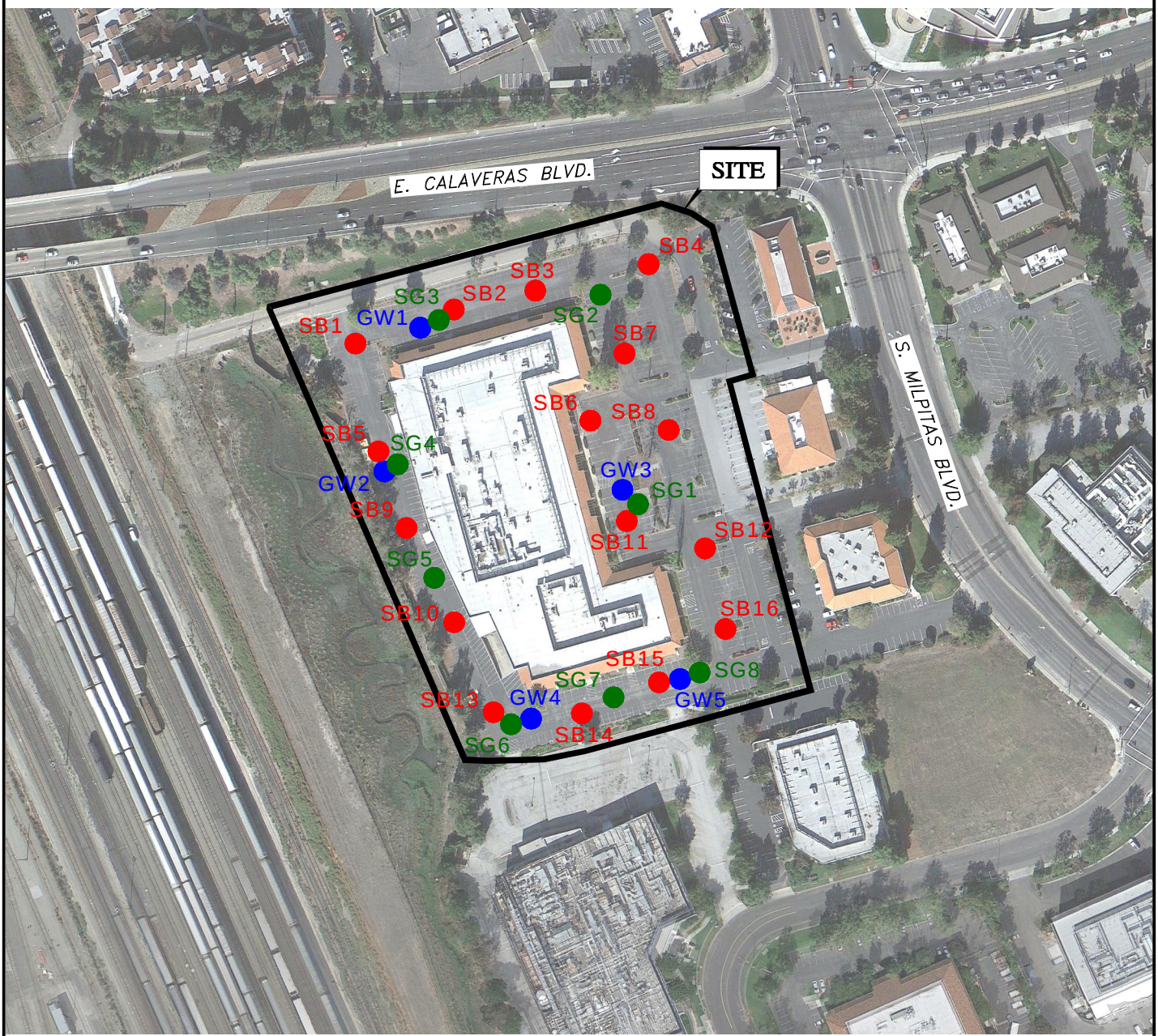

EXPLANATION

SB16 APPROXIMATE LOCATION OF SOIL SAMPLE

GW5 APPROXIMATE LOCATION OF GROUNDWATER SAMPLE

SG8 APPROXIMATE LOCATION OF SOIL GAS SAMPLE

N

0 FEET 200

0 METERS 100

BASE MAP SOURCE: GOOGLE EARTH, 2011

ENGEO Expect Excellence

SITE PLAN

31 SOUTH MILPITAS BOULEVARD

MILPITAS, CALIFORNIA

PROJECT NO.: 9450.000.000	FIGURE NO. 2
SCALE: AS SHOWN	
DRAWN BY: SRP	CHECKED BY: SM

G:\Drafting\DRAFTING2_Dwg\9450\000\Phase II-ESA\9450000000-ESA2-2-SitePlan-0312.dwg Plot Date: 3-29-12 spatters

ORIGINAL FIGURE PRINTED IN COLOR

APPENDIX A

Laboratory Test Results

9450.000.000
March 29, 2012
Revised June 4, 2012

Northern California
ACCUTEST LABORATORIES

03/20/12

Technical Report for

Engeo, Inc.

31 South Milpitas Blvd

9450.000.000

Accutest Job Number: C20832

Sampling Date: 03/13/12

Report to:

Engeo, Inc.
6399 San Ignacio Avenue Suite 150
San Jose, CA 95119
sjohns@engeo.com

ATTN: Scott Johns

Total number of pages in report: **70**

Test results contained within this data package meet the requirements of the National Environmental Laboratory Accreditation Conference and/or state specific certification programs as applicable.

Kesavalu M. Bagawandoss, Ph.D., J.D., Lab Director

Client Service contact: Nutan Kabir 408-588-0200

Certifications: CA (08258CA) AZ (AZ0762) DoD/ISO/IEC 17025:2005 (L2242)

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Test results relate only to samples analyzed.

Accutest Laboratories is the sole authority for authorizing edits or modifications to this document. Unauthorized modification of this report is strictly prohibited.

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Sample Summary

Engeo, Inc.

Job No: C20832

31 South Milpitas Blvd
Project No: 9450.000.000

Sample Number	Collected Date	Time	By	Received	Matrix Code	Type	Client Sample ID
C20832-1	03/13/12	14:00	SJ	03/13/12	AQ	Ground Water	GW1
C20832-2	03/13/12	11:30	SJ	03/13/12	AQ	Ground Water	GW2
C20832-3	03/13/12	13:00	SJ	03/13/12	AQ	Ground Water	GW3
C20832-4	03/13/12	10:47	SJ	03/13/12	AQ	Ground Water	GW4
C20832-5	03/13/12	13:30	SJ	03/13/12	AQ	Ground Water	GW5
C20832-6	03/13/12	13:35	SJ	03/13/12	SO	Soil	SB1@2.5-3'
C20832-7	03/13/12	13:45	SJ	03/13/12	SO	Soil	SB2@2-2.5'
C20832-8	03/13/12	13:50	SJ	03/13/12	SO	Soil	SB3@2-2.5'
C20832-9	03/13/12	13:58	SJ	03/13/12	SO	Soil	SB4@2-2.5'
C20832-10	03/13/12	00:00	SJ	03/13/12	SO	Soil	COMPOSITE(SB1-SB4)
C20832-11	03/13/12	15:35	SJ	03/13/12	SO	Soil	SB5@2-2.5'
C20832-12	03/13/12	14:10	SJ	03/13/12	SO	Soil	SB6@2-2.5'
C20832-13	03/13/12	14:03	SJ	03/13/12	SO	Soil	SB7@2-2.5'

Soil samples reported on a dry weight basis unless otherwise indicated on result page.

Sample Summary
(continued)

Engeo, Inc.

Job No: C20832

31 South Milpitas Blvd
Project No: 9450.000.000

Sample Number	Collected Date	Time	By	Received	Matrix Code	Type	Client Sample ID
C20832-14	03/13/12	14:15	SJ	03/13/12	SO	Soil	SB8@2-2.5'
C20832-15	03/13/12	00:00	SJ	03/13/12	SO	Soil	COMPOSITE(SB5-SB8)
C20832-16	03/13/12	15:13	SJ	03/13/12	SO	Soil	SB9@2-2.5'
C20832-17	03/13/12	15:05	SJ	03/13/12	SO	Soil	SB10@2-2.5'
C20832-18	03/13/12	14:25	SJ	03/13/12	SO	Soil	SB11@2-2.5'
C20832-19	03/13/12	14:28	SJ	03/13/12	SO	Soil	SB12@2-2.5'
C20832-20	03/13/12	00:00	SJ	03/13/12	SO	Soil	COMPOSITE(SB9-SB12)
C20832-21	03/13/12	15:00	SJ	03/13/12	SO	Soil	SB13@2-2.5'
C20832-22	03/13/12	14:55	SJ	03/13/12	SO	Soil	SB14@2-2.5'
C20832-23	03/13/12	10:25	SJ	03/13/12	SO	Soil	SB15@1-1.5'
C20832-24	03/13/12	14:32	SJ	03/13/12	SO	Soil	SB16@2-2.5'
C20832-25	03/13/12	00:00	SJ	03/13/12	SO	Soil	COMPOSITE(SB13-SB16)
C20832-26	03/13/12	10:10	SJ	03/13/12	SO	Soil	SB13@3-4'

Soil samples reported on a dry weight basis unless otherwise indicated on result page.

Northern California ACCUTEST LABORATORIES

Sample Results

Report of Analysis

Accutest Laboratories

Report of Analysis

Client Sample ID:	GW1		
Lab Sample ID:	C20832-1	**Date Sampled:**	03/13/12
Matrix:	AQ - Ground Water	**Date Received:**	03/13/12
Method:	SW846 8260B	**Percent Solids:**	n/a
Project:	31 South Milpitas Blvd		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1 [a]	N29347.D	1	03/20/12	TF	n/a	n/a	VN958
Run #2							

	Purge Volume
Run #1	10.0 ml
Run #2	

VOA 8260 List

CAS No.	Compound	Result	RL	MDL	Units	Q
67-64-1	Acetone	ND	20	4.0	ug/l	
71-43-2	Benzene	ND	1.0	0.20	ug/l	
108-86-1	Bromobenzene	ND	1.0	0.20	ug/l	
74-97-5	Bromochloromethane	ND	1.0	0.20	ug/l	
75-27-4	Bromodichloromethane	ND	1.0	0.20	ug/l	
75-25-2	Bromoform	ND	1.0	0.22	ug/l	
104-51-8	n-Butylbenzene	ND	2.0	0.20	ug/l	
135-98-8	sec-Butylbenzene	ND	2.0	0.20	ug/l	
98-06-6	tert-Butylbenzene	ND	2.0	0.28	ug/l	
108-90-7	Chlorobenzene	ND	1.0	0.20	ug/l	
75-00-3	Chloroethane	ND	1.0	0.20	ug/l	
67-66-3	Chloroform	ND	1.0	0.20	ug/l	
95-49-8	o-Chlorotoluene	ND	2.0	0.20	ug/l	
106-43-4	p-Chlorotoluene	ND	2.0	0.26	ug/l	
56-23-5	Carbon tetrachloride	ND	1.0	0.20	ug/l	
75-34-3	1,1-Dichloroethane	ND	1.0	0.20	ug/l	
75-35-4	1,1-Dichloroethylene	ND	1.0	0.20	ug/l	
563-58-6	1,1-Dichloropropene	ND	1.0	0.20	ug/l	
96-12-8	1,2-Dibromo-3-chloropropane	ND	2.0	0.40	ug/l	
106-93-4	1,2-Dibromoethane	ND	1.0	0.20	ug/l	
107-06-2	1,2-Dichloroethane	ND	1.0	0.20	ug/l	
78-87-5	1,2-Dichloropropane	ND	1.0	0.20	ug/l	
142-28-9	1,3-Dichloropropane	ND	1.0	0.20	ug/l	
108-20-3	Di-Isopropyl ether	ND	2.0	0.22	ug/l	
594-20-7	2,2-Dichloropropane	ND	1.0	0.20	ug/l	
124-48-1	Dibromochloromethane	ND	1.0	0.20	ug/l	
75-71-8	Dichlorodifluoromethane [b]	ND	1.0	0.20	ug/l	
156-59-2	cis-1,2-Dichloroethylene	ND	1.0	0.20	ug/l	
10061-01-5	cis-1,3-Dichloropropene	ND	1.0	0.20	ug/l	
541-73-1	m-Dichlorobenzene	ND	1.0	0.20	ug/l	
95-50-1	o-Dichlorobenzene	ND	1.0	0.20	ug/l	
106-46-7	p-Dichlorobenzene	ND	1.0	0.20	ug/l	

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Accutest Laboratories

Report of Analysis

Client Sample ID:	GW1		
Lab Sample ID:	C20832-1	**Date Sampled:**	03/13/12
Matrix:	AQ - Ground Water	**Date Received:**	03/13/12
Method:	SW846 8260B	**Percent Solids:**	n/a
Project:	31 South Milpitas Blvd		

VOA 8260 List

CAS No.	Compound	Result	RL	MDL	Units	Q
156-60-5	trans-1,2-Dichloroethylene	ND	1.0	0.20	ug/l	
10061-02-6	trans-1,3-Dichloropropene	ND	1.0	0.30	ug/l	
100-41-4	Ethylbenzene	ND	1.0	0.20	ug/l	
637-92-3	Ethyl Tert Butyl Ether	ND	2.0	0.22	ug/l	
591-78-6	2-Hexanone	ND	10	2.0	ug/l	
87-68-3	Hexachlorobutadiene	ND	2.0	0.20	ug/l	
98-82-8	Isopropylbenzene	ND	1.0	0.20	ug/l	
99-87-6	p-Isopropyltoluene	ND	2.0	0.20	ug/l	
108-10-1	4-Methyl-2-pentanone	ND	10	1.0	ug/l	
74-83-9	Methyl bromide	ND	2.0	0.20	ug/l	
74-87-3	Methyl chloride	ND	1.0	0.20	ug/l	
74-95-3	Methylene bromide	ND	1.0	0.20	ug/l	
75-09-2	Methylene chloride	ND	10	2.0	ug/l	
78-93-3	Methyl ethyl ketone	ND	10	2.0	ug/l	
1634-04-4	Methyl Tert Butyl Ether	ND	1.0	0.20	ug/l	
91-20-3	Naphthalene	ND	5.0	0.50	ug/l	
103-65-1	n-Propylbenzene	ND	2.0	0.20	ug/l	
100-42-5	Styrene	ND	1.0	0.20	ug/l	
994-05-8	Tert-Amyl Methyl Ether	ND	2.0	0.40	ug/l	
75-65-0	Tert-Butyl Alcohol	ND	10	2.4	ug/l	
630-20-6	1,1,1,2-Tetrachloroethane	ND	1.0	0.30	ug/l	
71-55-6	1,1,1-Trichloroethane	ND	1.0	0.20	ug/l	
79-34-5	1,1,2,2-Tetrachloroethane	ND	1.0	0.20	ug/l	
79-00-5	1,1,2-Trichloroethane	ND	1.0	0.22	ug/l	
87-61-6	1,2,3-Trichlorobenzene	ND	2.0	0.20	ug/l	
96-18-4	1,2,3-Trichloropropane	ND	2.0	0.20	ug/l	
120-82-1	1,2,4-Trichlorobenzene	ND	2.0	0.20	ug/l	
95-63-6	1,2,4-Trimethylbenzene	ND	2.0	0.20	ug/l	
108-67-8	1,3,5-Trimethylbenzene	ND	2.0	0.20	ug/l	
127-18-4	Tetrachloroethylene	ND	1.0	0.30	ug/l	
108-88-3	Toluene	ND	1.0	0.20	ug/l	
79-01-6	Trichloroethylene	ND	1.0	0.20	ug/l	
75-69-4	Trichlorofluoromethane	ND	1.0	0.20	ug/l	
75-01-4	Vinyl chloride	ND	1.0	0.20	ug/l	
1330-20-7	Xylene (total)	ND	2.0	0.46	ug/l	
	TPH-GRO (C6-C10)	ND	50	25	ug/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	94%		60-130%

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Accutest Laboratories

Report of Analysis

Client Sample ID:	GW1		
Lab Sample ID:	C20832-1	**Date Sampled:**	03/13/12
Matrix:	AQ - Ground Water	**Date Received:**	03/13/12
Method:	SW846 8260B	**Percent Solids:**	n/a
Project:	31 South Milpitas Blvd		

VOA 8260 List

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
2037-26-5	Toluene-D8	101%		60-130%
460-00-4	4-Bromofluorobenzene	95%		60-130%

(a) Sample vial contained more than 0.5cm of sediment.
(b) CCV outside of control limits (biased high); not detected in sample.

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Accutest Laboratories

Report of Analysis

Client Sample ID:	GW1		
Lab Sample ID:	C20832-1	**Date Sampled:**	03/13/12
Matrix:	AQ - Ground Water	**Date Received:**	03/13/12
Method:	SW846 8015B M SW846 3510C	**Percent Solids:**	n/a
Project:	31 South Milpitas Blvd		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	GG32674.D	1	03/15/12	JH	03/14/12	OP5580	GGG872
Run #2							

	Initial Volume	Final Volume
Run #1	880 ml	1.0 ml
Run #2		

TPH Extractable w/ Silica Gel Cleanup

CAS No.	Compound	Result	RL	MDL	Units	Q
	TPH (C10-C28)	ND	0.11	0.028	mg/l	
	TPH (> C28-C40)	ND	0.23	0.057	mg/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
630-01-3	Hexacosane	77%		45-140%

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Accutest Laboratories

Report of Analysis

Client Sample ID:	GW2		
Lab Sample ID:	C20832-2	**Date Sampled:**	03/13/12
Matrix:	AQ - Ground Water	**Date Received:**	03/13/12
Method:	SW846 8260B	**Percent Solids:**	n/a
Project:	31 South Milpitas Blvd		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	N29348.D	1	03/20/12	TF	n/a	n/a	VN958
Run #2							

	Purge Volume
Run #1	10.0 ml
Run #2	

VOA 8260 List

CAS No.	Compound	Result	RL	MDL	Units	Q
67-64-1	Acetone	ND	20	4.0	ug/l	
71-43-2	Benzene	ND	1.0	0.20	ug/l	
108-86-1	Bromobenzene	ND	1.0	0.20	ug/l	
74-97-5	Bromochloromethane	ND	1.0	0.20	ug/l	
75-27-4	Bromodichloromethane	ND	1.0	0.20	ug/l	
75-25-2	Bromoform	ND	1.0	0.22	ug/l	
104-51-8	n-Butylbenzene	ND	2.0	0.20	ug/l	
135-98-8	sec-Butylbenzene	ND	2.0	0.20	ug/l	
98-06-6	tert-Butylbenzene	ND	2.0	0.28	ug/l	
108-90-7	Chlorobenzene	ND	1.0	0.20	ug/l	
75-00-3	Chloroethane	ND	1.0	0.20	ug/l	
67-66-3	Chloroform	ND	1.0	0.20	ug/l	
95-49-8	o-Chlorotoluene	ND	2.0	0.20	ug/l	
106-43-4	p-Chlorotoluene	ND	2.0	0.26	ug/l	
56-23-5	Carbon tetrachloride	ND	1.0	0.20	ug/l	
75-34-3	1,1-Dichloroethane	ND	1.0	0.20	ug/l	
75-35-4	1,1-Dichloroethylene	ND	1.0	0.20	ug/l	
563-58-6	1,1-Dichloropropene	ND	1.0	0.20	ug/l	
96-12-8	1,2-Dibromo-3-chloropropane	ND	2.0	0.40	ug/l	
106-93-4	1,2-Dibromoethane	ND	1.0	0.20	ug/l	
107-06-2	1,2-Dichloroethane	ND	1.0	0.20	ug/l	
78-87-5	1,2-Dichloropropane	ND	1.0	0.20	ug/l	
142-28-9	1,3-Dichloropropane	ND	1.0	0.20	ug/l	
108-20-3	Di-Isopropyl ether	ND	2.0	0.22	ug/l	
594-20-7	2,2-Dichloropropane	ND	1.0	0.20	ug/l	
124-48-1	Dibromochloromethane	ND	1.0	0.20	ug/l	
75-71-8	Dichlorodifluoromethane [a]	ND	1.0	0.20	ug/l	
156-59-2	cis-1,2-Dichloroethylene	ND	1.0	0.20	ug/l	
10061-01-5	cis-1,3-Dichloropropene	ND	1.0	0.20	ug/l	
541-73-1	m-Dichlorobenzene	ND	1.0	0.20	ug/l	
95-50-1	o-Dichlorobenzene	ND	1.0	0.20	ug/l	
106-46-7	p-Dichlorobenzene	ND	1.0	0.20	ug/l	

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Accutest Laboratories

Report of Analysis

Client Sample ID:	GW2		
Lab Sample ID:	C20832-2	**Date Sampled:**	03/13/12
Matrix:	AQ - Ground Water	**Date Received:**	03/13/12
Method:	SW846 8260B	**Percent Solids:**	n/a
Project:	31 South Milpitas Blvd		

VOA 8260 List

CAS No.	Compound	Result	RL	MDL	Units	Q
156-60-5	trans-1,2-Dichloroethylene	ND	1.0	0.20	ug/l	
10061-02-6	trans-1,3-Dichloropropene	ND	1.0	0.30	ug/l	
100-41-4	Ethylbenzene	ND	1.0	0.20	ug/l	
637-92-3	Ethyl Tert Butyl Ether	ND	2.0	0.22	ug/l	
591-78-6	2-Hexanone	ND	10	2.0	ug/l	
87-68-3	Hexachlorobutadiene	ND	2.0	0.20	ug/l	
98-82-8	Isopropylbenzene	ND	1.0	0.20	ug/l	
99-87-6	p-Isopropyltoluene	ND	2.0	0.20	ug/l	
108-10-1	4-Methyl-2-pentanone	ND	10	1.0	ug/l	
74-83-9	Methyl bromide	ND	2.0	0.20	ug/l	
74-87-3	Methyl chloride	ND	1.0	0.20	ug/l	
74-95-3	Methylene bromide	ND	1.0	0.20	ug/l	
75-09-2	Methylene chloride	ND	10	2.0	ug/l	
78-93-3	Methyl ethyl ketone	ND	10	2.0	ug/l	
1634-04-4	Methyl Tert Butyl Ether	ND	1.0	0.20	ug/l	
91-20-3	Naphthalene	ND	5.0	0.50	ug/l	
103-65-1	n-Propylbenzene	ND	2.0	0.20	ug/l	
100-42-5	Styrene	ND	1.0	0.20	ug/l	
994-05-8	Tert-Amyl Methyl Ether	ND	2.0	0.40	ug/l	
75-65-0	Tert-Butyl Alcohol	ND	10	2.4	ug/l	
630-20-6	1,1,1,2-Tetrachloroethane	ND	1.0	0.30	ug/l	
71-55-6	1,1,1-Trichloroethane	ND	1.0	0.20	ug/l	
79-34-5	1,1,2,2-Tetrachloroethane	ND	1.0	0.20	ug/l	
79-00-5	1,1,2-Trichloroethane	ND	1.0	0.22	ug/l	
87-61-6	1,2,3-Trichlorobenzene	ND	2.0	0.20	ug/l	
96-18-4	1,2,3-Trichloropropane	ND	2.0	0.20	ug/l	
120-82-1	1,2,4-Trichlorobenzene	ND	2.0	0.20	ug/l	
95-63-6	1,2,4-Trimethylbenzene	ND	2.0	0.20	ug/l	
108-67-8	1,3,5-Trimethylbenzene	ND	2.0	0.20	ug/l	
127-18-4	Tetrachloroethylene	ND	1.0	0.30	ug/l	
108-88-3	Toluene	ND	1.0	0.20	ug/l	
79-01-6	Trichloroethylene	ND	1.0	0.20	ug/l	
75-69-4	Trichlorofluoromethane	ND	1.0	0.20	ug/l	
75-01-4	Vinyl chloride	ND	1.0	0.20	ug/l	
1330-20-7	Xylene (total)	ND	2.0	0.46	ug/l	
	TPH-GRO (C6-C10)	ND	50	25	ug/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	98%		60-130%

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Accutest Laboratories

Report of Analysis

Client Sample ID:	GW2		
Lab Sample ID:	C20832-2	**Date Sampled:**	03/13/12
Matrix:	AQ - Ground Water	**Date Received:**	03/13/12
Method:	SW846 8260B	**Percent Solids:**	n/a
Project:	31 South Milpitas Blvd		

VOA 8260 List

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
2037-26-5	Toluene-D8	102%		60-130%
460-00-4	4-Bromofluorobenzene	94%		60-130%

(a) CCV outside of control limits (biased high); not detected in sample.

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Accutest Laboratories

Report of Analysis

Client Sample ID:	GW2		
Lab Sample ID:	C20832-2	**Date Sampled:**	03/13/12
Matrix:	AQ - Ground Water	**Date Received:**	03/13/12
Method:	SW846 8015B M SW846 3510C	**Percent Solids:**	n/a
Project:	31 South Milpitas Blvd		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	GG32675.D	1	03/15/12	JH	03/14/12	OP5580	GGG872
Run #2							

	Initial Volume	Final Volume
Run #1	1060 ml	1.0 ml
Run #2		

TPH Extractable w/ Silica Gel Cleanup

CAS No.	Compound	Result	RL	MDL	Units	Q
	TPH (C10-C28)	ND	0.094	0.024	mg/l	
	TPH (> C28-C40)	ND	0.19	0.047	mg/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
630-01-3	Hexacosane	67%		45-140%

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Accutest Laboratories

Report of Analysis

Client Sample ID:	GW3		
Lab Sample ID:	C20832-3	**Date Sampled:**	03/13/12
Matrix:	AQ - Ground Water	**Date Received:**	03/13/12
Method:	SW846 8260B	**Percent Solids:**	n/a
Project:	31 South Milpitas Blvd		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	N29349.D	1	03/20/12	TF	n/a	n/a	VN958
Run #2							

	Purge Volume
Run #1	10.0 ml
Run #2	

VOA 8260 List

CAS No.	Compound	Result	RL	MDL	Units	Q
67-64-1	Acetone	5.3	20	4.0	ug/l	JB
71-43-2	Benzene	ND	1.0	0.20	ug/l	
108-86-1	Bromobenzene	ND	1.0	0.20	ug/l	
74-97-5	Bromochloromethane	ND	1.0	0.20	ug/l	
75-27-4	Bromodichloromethane	ND	1.0	0.20	ug/l	
75-25-2	Bromoform	ND	1.0	0.22	ug/l	
104-51-8	n-Butylbenzene	ND	2.0	0.20	ug/l	
135-98-8	sec-Butylbenzene	ND	2.0	0.20	ug/l	
98-06-6	tert-Butylbenzene	ND	2.0	0.28	ug/l	
108-90-7	Chlorobenzene	ND	1.0	0.20	ug/l	
75-00-3	Chloroethane	ND	1.0	0.20	ug/l	
67-66-3	Chloroform	ND	1.0	0.20	ug/l	
95-49-8	o-Chlorotoluene	ND	2.0	0.20	ug/l	
106-43-4	p-Chlorotoluene	ND	2.0	0.26	ug/l	
56-23-5	Carbon tetrachloride	ND	1.0	0.20	ug/l	
75-34-3	1,1-Dichloroethane	ND	1.0	0.20	ug/l	
75-35-4	1,1-Dichloroethylene	ND	1.0	0.20	ug/l	
563-58-6	1,1-Dichloropropene	ND	1.0	0.20	ug/l	
96-12-8	1,2-Dibromo-3-chloropropane	ND	2.0	0.40	ug/l	
106-93-4	1,2-Dibromoethane	ND	1.0	0.20	ug/l	
107-06-2	1,2-Dichloroethane	ND	1.0	0.20	ug/l	
78-87-5	1,2-Dichloropropane	ND	1.0	0.20	ug/l	
142-28-9	1,3-Dichloropropane	ND	1.0	0.20	ug/l	
108-20-3	Di-Isopropyl ether	ND	2.0	0.22	ug/l	
594-20-7	2,2-Dichloropropane	ND	1.0	0.20	ug/l	
124-48-1	Dibromochloromethane	ND	1.0	0.20	ug/l	
75-71-8	Dichlorodifluoromethane [a]	ND	1.0	0.20	ug/l	
156-59-2	cis-1,2-Dichloroethylene	ND	1.0	0.20	ug/l	
10061-01-5	cis-1,3-Dichloropropene	ND	1.0	0.20	ug/l	
541-73-1	m-Dichlorobenzene	ND	1.0	0.20	ug/l	
95-50-1	o-Dichlorobenzene	ND	1.0	0.20	ug/l	
106-46-7	p-Dichlorobenzene	ND	1.0	0.20	ug/l	

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Accutest Laboratories

Report of Analysis

Client Sample ID:	GW3		
Lab Sample ID:	C20832-3	**Date Sampled:**	03/13/12
Matrix:	AQ - Ground Water	**Date Received:**	03/13/12
Method:	SW846 8260B	**Percent Solids:**	n/a
Project:	31 South Milpitas Blvd		

VOA 8260 List

CAS No.	Compound	Result	RL	MDL	Units	Q
156-60-5	trans-1,2-Dichloroethylene	ND	1.0	0.20	ug/l	
10061-02-6	trans-1,3-Dichloropropene	ND	1.0	0.30	ug/l	
100-41-4	Ethylbenzene	ND	1.0	0.20	ug/l	
637-92-3	Ethyl Tert Butyl Ether	ND	2.0	0.22	ug/l	
591-78-6	2-Hexanone	ND	10	2.0	ug/l	
87-68-3	Hexachlorobutadiene	ND	2.0	0.20	ug/l	
98-82-8	Isopropylbenzene	ND	1.0	0.20	ug/l	
99-87-6	p-Isopropyltoluene	ND	2.0	0.20	ug/l	
108-10-1	4-Methyl-2-pentanone	ND	10	1.0	ug/l	
74-83-9	Methyl bromide	ND	2.0	0.20	ug/l	
74-87-3	Methyl chloride	ND	1.0	0.20	ug/l	
74-95-3	Methylene bromide	ND	1.0	0.20	ug/l	
75-09-2	Methylene chloride	ND	10	2.0	ug/l	
78-93-3	Methyl ethyl ketone	ND	10	2.0	ug/l	
1634-04-4	Methyl Tert Butyl Ether	ND	1.0	0.20	ug/l	
91-20-3	Naphthalene	ND	5.0	0.50	ug/l	
103-65-1	n-Propylbenzene	ND	2.0	0.20	ug/l	
100-42-5	Styrene	ND	1.0	0.20	ug/l	
994-05-8	Tert-Amyl Methyl Ether	ND	2.0	0.40	ug/l	
75-65-0	Tert-Butyl Alcohol	ND	10	2.4	ug/l	
630-20-6	1,1,1,2-Tetrachloroethane	ND	1.0	0.30	ug/l	
71-55-6	1,1,1-Trichloroethane	ND	1.0	0.20	ug/l	
79-34-5	1,1,2,2-Tetrachloroethane	ND	1.0	0.20	ug/l	
79-00-5	1,1,2-Trichloroethane	ND	1.0	0.22	ug/l	
87-61-6	1,2,3-Trichlorobenzene	ND	2.0	0.20	ug/l	
96-18-4	1,2,3-Trichloropropane	ND	2.0	0.20	ug/l	
120-82-1	1,2,4-Trichlorobenzene	ND	2.0	0.20	ug/l	
95-63-6	1,2,4-Trimethylbenzene	ND	2.0	0.20	ug/l	
108-67-8	1,3,5-Trimethylbenzene	ND	2.0	0.20	ug/l	
127-18-4	Tetrachloroethylene	ND	1.0	0.30	ug/l	
108-88-3	Toluene	ND	1.0	0.20	ug/l	
79-01-6	Trichloroethylene	ND	1.0	0.20	ug/l	
75-69-4	Trichlorofluoromethane	ND	1.0	0.20	ug/l	
75-01-4	Vinyl chloride	ND	1.0	0.20	ug/l	
1330-20-7	Xylene (total)	ND	2.0	0.46	ug/l	
	TPH-GRO (C6-C10)	ND	50	25	ug/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	102%		60-130%

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Accutest Laboratories

Report of Analysis

Client Sample ID:	GW3		
Lab Sample ID:	C20832-3	**Date Sampled:**	03/13/12
Matrix:	AQ - Ground Water	**Date Received:**	03/13/12
Method:	SW846 8260B	**Percent Solids:**	n/a
Project:	31 South Milpitas Blvd		

VOA 8260 List

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
2037-26-5	Toluene-D8	103%		60-130%
460-00-4	4-Bromofluorobenzene	99%		60-130%

(a) CCV outside of control limits (biased high); not detected in sample.

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Accutest Laboratories

Report of Analysis

Client Sample ID:	GW3		
Lab Sample ID:	C20832-3	**Date Sampled:**	03/13/12
Matrix:	AQ - Ground Water	**Date Received:**	03/13/12
Method:	SW846 8015B M SW846 3510C	**Percent Solids:**	n/a
Project:	31 South Milpitas Blvd		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	GG32676.D	1	03/15/12	JH	03/14/12	OP5580	GGG872
Run #2							

	Initial Volume	Final Volume
Run #1	1060 ml	1.0 ml
Run #2		

TPH Extractable w/ Silica Gel Cleanup

CAS No.	Compound	Result	RL	MDL	Units	Q
	TPH (C10-C28)	ND	0.094	0.024	mg/l	
	TPH (> C28-C40)	ND	0.19	0.047	mg/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
630-01-3	Hexacosane	66%		45-140%

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Accutest Laboratories

Report of Analysis

Client Sample ID:	GW4		
Lab Sample ID:	C20832-4	**Date Sampled:**	03/13/12
Matrix:	AQ - Ground Water	**Date Received:**	03/13/12
Method:	SW846 8260B	**Percent Solids:**	n/a
Project:	31 South Milpitas Blvd		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	N29350.D	1	03/20/12	TF	n/a	n/a	VN958
Run #2							

	Purge Volume
Run #1	10.0 ml
Run #2	

VOA 8260 List

CAS No.	Compound	Result	RL	MDL	Units	Q
67-64-1	Acetone	ND	20	4.0	ug/l	
71-43-2	Benzene	ND	1.0	0.20	ug/l	
108-86-1	Bromobenzene	ND	1.0	0.20	ug/l	
74-97-5	Bromochloromethane	ND	1.0	0.20	ug/l	
75-27-4	Bromodichloromethane	ND	1.0	0.20	ug/l	
75-25-2	Bromoform	ND	1.0	0.22	ug/l	
104-51-8	n-Butylbenzene	ND	2.0	0.20	ug/l	
135-98-8	sec-Butylbenzene	ND	2.0	0.20	ug/l	
98-06-6	tert-Butylbenzene	ND	2.0	0.28	ug/l	
108-90-7	Chlorobenzene	ND	1.0	0.20	ug/l	
75-00-3	Chloroethane	ND	1.0	0.20	ug/l	
67-66-3	Chloroform	ND	1.0	0.20	ug/l	
95-49-8	o-Chlorotoluene	ND	2.0	0.20	ug/l	
106-43-4	p-Chlorotoluene	ND	2.0	0.26	ug/l	
56-23-5	Carbon tetrachloride	ND	1.0	0.20	ug/l	
75-34-3	1,1-Dichloroethane	ND	1.0	0.20	ug/l	
75-35-4	1,1-Dichloroethylene	ND	1.0	0.20	ug/l	
563-58-6	1,1-Dichloropropene	ND	1.0	0.20	ug/l	
96-12-8	1,2-Dibromo-3-chloropropane	ND	2.0	0.40	ug/l	
106-93-4	1,2-Dibromoethane	ND	1.0	0.20	ug/l	
107-06-2	1,2-Dichloroethane	ND	1.0	0.20	ug/l	
78-87-5	1,2-Dichloropropane	ND	1.0	0.20	ug/l	
142-28-9	1,3-Dichloropropane	ND	1.0	0.20	ug/l	
108-20-3	Di-Isopropyl ether	ND	2.0	0.22	ug/l	
594-20-7	2,2-Dichloropropane	ND	1.0	0.20	ug/l	
124-48-1	Dibromochloromethane	ND	1.0	0.20	ug/l	
75-71-8	Dichlorodifluoromethane [a]	ND	1.0	0.20	ug/l	
156-59-2	cis-1,2-Dichloroethylene	ND	1.0	0.20	ug/l	
10061-01-5	cis-1,3-Dichloropropene	ND	1.0	0.20	ug/l	
541-73-1	m-Dichlorobenzene	ND	1.0	0.20	ug/l	
95-50-1	o-Dichlorobenzene	ND	1.0	0.20	ug/l	
106-46-7	p-Dichlorobenzene	ND	1.0	0.20	ug/l	

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Accutest Laboratories

Report of Analysis

Client Sample ID:	GW4		
Lab Sample ID:	C20832-4	**Date Sampled:**	03/13/12
Matrix:	AQ - Ground Water	**Date Received:**	03/13/12
Method:	SW846 8260B	**Percent Solids:**	n/a
Project:	31 South Milpitas Blvd		

VOA 8260 List

CAS No.	Compound	Result	RL	MDL	Units	Q
156-60-5	trans-1,2-Dichloroethylene	ND	1.0	0.20	ug/l	
10061-02-6	trans-1,3-Dichloropropene	ND	1.0	0.30	ug/l	
100-41-4	Ethylbenzene	ND	1.0	0.20	ug/l	
637-92-3	Ethyl Tert Butyl Ether	ND	2.0	0.22	ug/l	
591-78-6	2-Hexanone	ND	10	2.0	ug/l	
87-68-3	Hexachlorobutadiene	ND	2.0	0.20	ug/l	
98-82-8	Isopropylbenzene	ND	1.0	0.20	ug/l	
99-87-6	p-Isopropyltoluene	ND	2.0	0.20	ug/l	
108-10-1	4-Methyl-2-pentanone	ND	10	1.0	ug/l	
74-83-9	Methyl bromide	ND	2.0	0.20	ug/l	
74-87-3	Methyl chloride	ND	1.0	0.20	ug/l	
74-95-3	Methylene bromide	ND	1.0	0.20	ug/l	
75-09-2	Methylene chloride	ND	10	2.0	ug/l	
78-93-3	Methyl ethyl ketone	ND	10	2.0	ug/l	
1634-04-4	Methyl Tert Butyl Ether	ND	1.0	0.20	ug/l	
91-20-3	Naphthalene	ND	5.0	0.50	ug/l	
103-65-1	n-Propylbenzene	ND	2.0	0.20	ug/l	
100-42-5	Styrene	ND	1.0	0.20	ug/l	
994-05-8	Tert-Amyl Methyl Ether	ND	2.0	0.40	ug/l	
75-65-0	Tert-Butyl Alcohol	ND	10	2.4	ug/l	
630-20-6	1,1,1,2-Tetrachloroethane	ND	1.0	0.30	ug/l	
71-55-6	1,1,1-Trichloroethane	ND	1.0	0.20	ug/l	
79-34-5	1,1,2,2-Tetrachloroethane	ND	1.0	0.20	ug/l	
79-00-5	1,1,2-Trichloroethane	ND	1.0	0.22	ug/l	
87-61-6	1,2,3-Trichlorobenzene	ND	2.0	0.20	ug/l	
96-18-4	1,2,3-Trichloropropane	ND	2.0	0.20	ug/l	
120-82-1	1,2,4-Trichlorobenzene	ND	2.0	0.20	ug/l	
95-63-6	1,2,4-Trimethylbenzene	ND	2.0	0.20	ug/l	
108-67-8	1,3,5-Trimethylbenzene	ND	2.0	0.20	ug/l	
127-18-4	Tetrachloroethylene	ND	1.0	0.30	ug/l	
108-88-3	Toluene	ND	1.0	0.20	ug/l	
79-01-6	Trichloroethylene	ND	1.0	0.20	ug/l	
75-69-4	Trichlorofluoromethane	ND	1.0	0.20	ug/l	
75-01-4	Vinyl chloride	ND	1.0	0.20	ug/l	
1330-20-7	Xylene (total)	ND	2.0	0.46	ug/l	
	TPH-GRO (C6-C10)	ND	50	25	ug/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	94%		60-130%

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Accutest Laboratories

Report of Analysis

Client Sample ID:	GW4		
Lab Sample ID:	C20832-4	**Date Sampled:**	03/13/12
Matrix:	AQ - Ground Water	**Date Received:**	03/13/12
Method:	SW846 8260B	**Percent Solids:**	n/a
Project:	31 South Milpitas Blvd		

VOA 8260 List

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
2037-26-5	Toluene-D8	98%		60-130%
460-00-4	4-Bromofluorobenzene	94%		60-130%

(a) CCV outside of control limits (biased high); not detected in sample.

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Accutest Laboratories

Report of Analysis

Client Sample ID:	GW4		
Lab Sample ID:	C20832-4	**Date Sampled:**	03/13/12
Matrix:	AQ - Ground Water	**Date Received:**	03/13/12
Method:	SW846 8015B M SW846 3510C	**Percent Solids:**	n/a
Project:	31 South Milpitas Blvd		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	GG32677.D	1	03/15/12	JH	03/14/12	OP5580	GGG872
Run #2							

	Initial Volume	Final Volume
Run #1	960 ml	1.0 ml
Run #2		

TPH Extractable w/ Silica Gel Cleanup

CAS No.	Compound	Result	RL	MDL	Units	Q
	TPH (C10-C28)	0.0325	0.10	0.026	mg/l	J
	TPH (> C28-C40)	ND	0.21	0.052	mg/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
630-01-3	Hexacosane	76%		45-140%

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Accutest Laboratories

Report of Analysis

Client Sample ID:	GW5		
Lab Sample ID:	C20832-5	**Date Sampled:**	03/13/12
Matrix:	AQ - Ground Water	**Date Received:**	03/13/12
Method:	SW846 8260B	**Percent Solids:**	n/a
Project:	31 South Milpitas Blvd		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	N29351.D	1	03/20/12	TF	n/a	n/a	VN958
Run #2							

	Purge Volume
Run #1	10.0 ml
Run #2	

VOA 8260 List

CAS No.	Compound	Result	RL	MDL	Units	Q
67-64-1	Acetone	ND	20	4.0	ug/l	
71-43-2	Benzene	ND	1.0	0.20	ug/l	
108-86-1	Bromobenzene	ND	1.0	0.20	ug/l	
74-97-5	Bromochloromethane	ND	1.0	0.20	ug/l	
75-27-4	Bromodichloromethane	ND	1.0	0.20	ug/l	
75-25-2	Bromoform	ND	1.0	0.22	ug/l	
104-51-8	n-Butylbenzene	ND	2.0	0.20	ug/l	
135-98-8	sec-Butylbenzene	ND	2.0	0.20	ug/l	
98-06-6	tert-Butylbenzene	ND	2.0	0.28	ug/l	
108-90-7	Chlorobenzene	ND	1.0	0.20	ug/l	
75-00-3	Chloroethane	ND	1.0	0.20	ug/l	
67-66-3	Chloroform	ND	1.0	0.20	ug/l	
95-49-8	o-Chlorotoluene	ND	2.0	0.20	ug/l	
106-43-4	p-Chlorotoluene	ND	2.0	0.26	ug/l	
56-23-5	Carbon tetrachloride	ND	1.0	0.20	ug/l	
75-34-3	1,1-Dichloroethane	ND	1.0	0.20	ug/l	
75-35-4	1,1-Dichloroethylene	ND	1.0	0.20	ug/l	
563-58-6	1,1-Dichloropropene	ND	1.0	0.20	ug/l	
96-12-8	1,2-Dibromo-3-chloropropane	ND	2.0	0.40	ug/l	
106-93-4	1,2-Dibromoethane	ND	1.0	0.20	ug/l	
107-06-2	1,2-Dichloroethane	ND	1.0	0.20	ug/l	
78-87-5	1,2-Dichloropropane	ND	1.0	0.20	ug/l	
142-28-9	1,3-Dichloropropane	ND	1.0	0.20	ug/l	
108-20-3	Di-Isopropyl ether	ND	2.0	0.22	ug/l	
594-20-7	2,2-Dichloropropane	ND	1.0	0.20	ug/l	
124-48-1	Dibromochloromethane	ND	1.0	0.20	ug/l	
75-71-8	Dichlorodifluoromethane [a]	ND	1.0	0.20	ug/l	
156-59-2	cis-1,2-Dichloroethylene	ND	1.0	0.20	ug/l	
10061-01-5	cis-1,3-Dichloropropene	ND	1.0	0.20	ug/l	
541-73-1	m-Dichlorobenzene	ND	1.0	0.20	ug/l	
95-50-1	o-Dichlorobenzene	ND	1.0	0.20	ug/l	
106-46-7	p-Dichlorobenzene	ND	1.0	0.20	ug/l	

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Accutest Laboratories

Report of Analysis

Client Sample ID:	GW5		
Lab Sample ID:	C20832-5	**Date Sampled:**	03/13/12
Matrix:	AQ - Ground Water	**Date Received:**	03/13/12
Method:	SW846 8260B	**Percent Solids:**	n/a
Project:	31 South Milpitas Blvd		

VOA 8260 List

CAS No.	Compound	Result	RL	MDL	Units	Q
156-60-5	trans-1,2-Dichloroethylene	ND	1.0	0.20	ug/l	
10061-02-6	trans-1,3-Dichloropropene	ND	1.0	0.30	ug/l	
100-41-4	Ethylbenzene	ND	1.0	0.20	ug/l	
637-92-3	Ethyl Tert Butyl Ether	ND	2.0	0.22	ug/l	
591-78-6	2-Hexanone	ND	10	2.0	ug/l	
87-68-3	Hexachlorobutadiene	ND	2.0	0.20	ug/l	
98-82-8	Isopropylbenzene	ND	1.0	0.20	ug/l	
99-87-6	p-Isopropyltoluene	ND	2.0	0.20	ug/l	
108-10-1	4-Methyl-2-pentanone	ND	10	1.0	ug/l	
74-83-9	Methyl bromide	ND	2.0	0.20	ug/l	
74-87-3	Methyl chloride	ND	1.0	0.20	ug/l	
74-95-3	Methylene bromide	ND	1.0	0.20	ug/l	
75-09-2	Methylene chloride	ND	10	2.0	ug/l	
78-93-3	Methyl ethyl ketone	ND	10	2.0	ug/l	
1634-04-4	Methyl Tert Butyl Ether	ND	1.0	0.20	ug/l	
91-20-3	Naphthalene	ND	5.0	0.50	ug/l	
103-65-1	n-Propylbenzene	ND	2.0	0.20	ug/l	
100-42-5	Styrene	ND	1.0	0.20	ug/l	
994-05-8	Tert-Amyl Methyl Ether	ND	2.0	0.40	ug/l	
75-65-0	Tert-Butyl Alcohol	ND	10	2.4	ug/l	
630-20-6	1,1,1,2-Tetrachloroethane	ND	1.0	0.30	ug/l	
71-55-6	1,1,1-Trichloroethane	ND	1.0	0.20	ug/l	
79-34-5	1,1,2,2-Tetrachloroethane	ND	1.0	0.20	ug/l	
79-00-5	1,1,2-Trichloroethane	ND	1.0	0.22	ug/l	
87-61-6	1,2,3-Trichlorobenzene	ND	2.0	0.20	ug/l	
96-18-4	1,2,3-Trichloropropane	ND	2.0	0.20	ug/l	
120-82-1	1,2,4-Trichlorobenzene	ND	2.0	0.20	ug/l	
95-63-6	1,2,4-Trimethylbenzene	ND	2.0	0.20	ug/l	
108-67-8	1,3,5-Trimethylbenzene	ND	2.0	0.20	ug/l	
127-18-4	Tetrachloroethylene	ND	1.0	0.30	ug/l	
108-88-3	Toluene	ND	1.0	0.20	ug/l	
79-01-6	Trichloroethylene	ND	1.0	0.20	ug/l	
75-69-4	Trichlorofluoromethane	ND	1.0	0.20	ug/l	
75-01-4	Vinyl chloride	ND	1.0	0.20	ug/l	
1330-20-7	Xylene (total)	ND	2.0	0.46	ug/l	
	TPH-GRO (C6-C10)	ND	50	25	ug/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	94%		60-130%

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Accutest Laboratories

Report of Analysis

Client Sample ID:	GW5		
Lab Sample ID:	C20832-5	**Date Sampled:**	03/13/12
Matrix:	AQ - Ground Water	**Date Received:**	03/13/12
Method:	SW846 8260B	**Percent Solids:**	n/a
Project:	31 South Milpitas Blvd		

VOA 8260 List

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
2037-26-5	Toluene-D8	101%		60-130%
460-00-4	4-Bromofluorobenzene	98%		60-130%

(a) CCV outside of control limits (biased high); not detected in sample.

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Accutest Laboratories

Report of Analysis

Client Sample ID:	GW5		
Lab Sample ID:	C20832-5	**Date Sampled:**	03/13/12
Matrix:	AQ - Ground Water	**Date Received:**	03/13/12
Method:	SW846 8015B M SW846 3510C	**Percent Solids:**	n/a
Project:	31 South Milpitas Blvd		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	GG32678.D	1	03/15/12	JH	03/14/12	OP5580	GGG872
Run #2							

	Initial Volume	Final Volume
Run #1	1060 ml	1.0 ml
Run #2		

TPH Extractable w/ Silica Gel Cleanup

CAS No.	Compound	Result	RL	MDL	Units	Q
	TPH (C10-C28)	ND	0.094	0.024	mg/l	
	TPH (> C28-C40)	ND	0.19	0.047	mg/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
630-01-3	Hexacosane	79%		45-140%

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Accutest Laboratories

Report of Analysis

Client Sample ID:	SB2@2-2.5'		
Lab Sample ID:	C20832-7	**Date Sampled:**	03/13/12
Matrix:	SO - Soil	**Date Received:**	03/13/12
		Percent Solids:	n/a [a]
Project:	31 South Milpitas Blvd		

Metals Analysis

Analyte	Result	RL	Units	DF	Prep	Analyzed	By	Method	Prep Method
Arsenic	5.8	1.8	mg/kg	1	03/19/12	03/20/12	RS	SW846 6010B [1]	SW846 3050B [2]

(1) Instrument QC Batch: MA2393
(2) Prep QC Batch: MP4681

(a) All results reported on a wet weight basis.

RL = Reporting Limit

Accutest Laboratories

Report of Analysis

Client Sample ID:	COMPOSITE(SB1-SB4)		
Lab Sample ID:	C20832-10	**Date Sampled:**	03/13/12
Matrix:	SO - Soil	**Date Received:**	03/13/12
Method:	SW846 8081A SW846 3550B	**Percent Solids:**	n/a [a]
Project:	31 South Milpitas Blvd		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	MM005173.D	1	03/17/12	RV	03/15/12	OP5589	GMM130
Run #2							

	Initial Weight	Final Volume
Run #1	30.0 g	10.0 ml
Run #2		

Pesticide PPL List

CAS No.	Compound	Result	RL	MDL	Units	Q
309-00-2	Aldrin	ND	3.3	0.40	ug/kg	
319-84-6	alpha-BHC	ND	3.3	0.37	ug/kg	
319-85-7	beta-BHC	ND	3.3	0.80	ug/kg	
319-86-8	delta-BHC	ND	3.3	0.40	ug/kg	
58-89-9	gamma-BHC (Lindane)	ND	3.3	0.40	ug/kg	
12789-03-6	Chlordane	ND	33	33	ug/kg	
60-57-1	Dieldrin	ND	3.3	0.60	ug/kg	
72-54-8	4,4'-DDD	ND	3.3	0.70	ug/kg	
72-55-9	4,4'-DDE	ND	3.3	0.60	ug/kg	
50-29-3	4,4'-DDT	0.82	3.3	0.50	ug/kg	J
72-20-8	Endrin	ND	3.3	0.60	ug/kg	
7421-93-4	Endrin aldehyde	ND	3.3	0.60	ug/kg	
959-98-8	Endosulfan-I	ND	3.3	0.57	ug/kg	
33213-65-9	Endosulfan-II	ND	3.3	0.60	ug/kg	
1031-07-8	Endosulfan sulfate	ND	3.3	0.57	ug/kg	
76-44-8	Heptachlor	ND	3.3	0.47	ug/kg	
1024-57-3	Heptachlor epoxide	ND	3.3	0.50	ug/kg	
72-43-5	Methoxychlor	ND	3.3	0.53	ug/kg	
8001-35-2	Toxaphene	ND	33	33	ug/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
877-09-8	Tetrachloro-m-xylene	75%		35-132%
877-09-8	Tetrachloro-m-xylene	70%		35-132%
2051-24-3	Decachlorobiphenyl	101%		35-132%
2051-24-3	Decachlorobiphenyl	109%		35-132%

(a) All results reported on a wet weight basis.

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Accutest Laboratories

Report of Analysis

Client Sample ID:	SB5@2-2.5'		
Lab Sample ID:	C20832-11	**Date Sampled:**	03/13/12
Matrix:	SO - Soil	**Date Received:**	03/13/12
		Percent Solids:	n/a [a]
Project:	31 South Milpitas Blvd		

Metals Analysis

Analyte	Result	RL	Units	DF	Prep	Analyzed	By	Method	Prep Method
Arsenic	5.9	1.8	mg/kg	1	03/19/12	03/20/12	RS	SW846 6010B [1]	SW846 3050B [2]

(1) Instrument QC Batch: MA2393
(2) Prep QC Batch: MP4681

(a) All results reported on a wet weight basis.

RL = Reporting Limit

Accutest Laboratories

Report of Analysis

Client Sample ID:	COMPOSITE(SB5-SB8)		
Lab Sample ID:	C20832-15	**Date Sampled:**	03/13/12
Matrix:	SO - Soil	**Date Received:**	03/13/12
Method:	SW846 8081A SW846 3550B	**Percent Solids:**	n/a [a]
Project:	31 South Milpitas Blvd		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	MM005174.D	1	03/17/12	RV	03/15/12	OP5589	GMM130
Run #2							

	Initial Weight	Final Volume
Run #1	30.1 g	10.0 ml
Run #2		

Pesticide PPL List

CAS No.	Compound	Result	RL	MDL	Units	Q
309-00-2	Aldrin	ND	3.3	0.40	ug/kg	
319-84-6	alpha-BHC	ND	3.3	0.37	ug/kg	
319-85-7	beta-BHC	ND	3.3	0.80	ug/kg	
319-86-8	delta-BHC	ND	3.3	0.40	ug/kg	
58-89-9	gamma-BHC (Lindane)	ND	3.3	0.40	ug/kg	
12789-03-6	Chlordane	ND	33	33	ug/kg	
60-57-1	Dieldrin	ND	3.3	0.60	ug/kg	
72-54-8	4,4'-DDD	ND	3.3	0.70	ug/kg	
72-55-9	4,4'-DDE	ND	3.3	0.60	ug/kg	
50-29-3	4,4'-DDT	ND	3.3	0.50	ug/kg	
72-20-8	Endrin	ND	3.3	0.60	ug/kg	
7421-93-4	Endrin aldehyde	ND	3.3	0.60	ug/kg	
959-98-8	Endosulfan-I	ND	3.3	0.56	ug/kg	
33213-65-9	Endosulfan-II	ND	3.3	0.60	ug/kg	
1031-07-8	Endosulfan sulfate	ND	3.3	0.56	ug/kg	
76-44-8	Heptachlor	ND	3.3	0.46	ug/kg	
1024-57-3	Heptachlor epoxide	ND	3.3	0.50	ug/kg	
72-43-5	Methoxychlor	ND	3.3	0.53	ug/kg	
8001-35-2	Toxaphene	ND	33	33	ug/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
877-09-8	Tetrachloro-m-xylene	86%		35-132%
877-09-8	Tetrachloro-m-xylene	82%		35-132%
2051-24-3	Decachlorobiphenyl	96%		35-132%
2051-24-3	Decachlorobiphenyl	103%		35-132%

(a) All results reported on a wet weight basis.

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Accutest Laboratories

Report of Analysis

Client Sample ID:	SB10@2-2.5'		
Lab Sample ID:	C20832-17	**Date Sampled:**	03/13/12
Matrix:	SO - Soil	**Date Received:**	03/13/12
		Percent Solids:	n/a [a]
Project:	31 South Milpitas Blvd		

Metals Analysis

Analyte	Result	RL	Units	DF	Prep	Analyzed	By	Method	Prep Method
Arsenic	5.9	1.7	mg/kg	1	03/19/12	03/20/12	RS	SW846 6010B [1]	SW846 3050B [2]

(1) Instrument QC Batch: MA2393
(2) Prep QC Batch: MP4681

(a) All results reported on a wet weight basis.

RL = Reporting Limit

Accutest Laboratories

Report of Analysis

Client Sample ID:	COMPOSITE(SB9-SB12)		
Lab Sample ID:	C20832-20	**Date Sampled:**	03/13/12
Matrix:	SO - Soil	**Date Received:**	03/13/12
Method:	SW846 8081A SW846 3550B	**Percent Solids:**	n/a [a]
Project:	31 South Milpitas Blvd		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	MM005175.D	1	03/17/12	RV	03/15/12	OP5589	GMM130
Run #2							

	Initial Weight	Final Volume
Run #1	30.2 g	10.0 ml
Run #2		

Pesticide PPL List

CAS No.	Compound	Result	RL	MDL	Units	Q
309-00-2	Aldrin	ND	3.3	0.40	ug/kg	
319-84-6	alpha-BHC	ND	3.3	0.36	ug/kg	
319-85-7	beta-BHC	ND	3.3	0.80	ug/kg	
319-86-8	delta-BHC	ND	3.3	0.40	ug/kg	
58-89-9	gamma-BHC (Lindane)	ND	3.3	0.40	ug/kg	
12789-03-6	Chlordane	ND	33	33	ug/kg	
60-57-1	Dieldrin	ND	3.3	0.60	ug/kg	
72-54-8	4,4'-DDD	ND	3.3	0.70	ug/kg	
72-55-9	4,4'-DDE	2.4	3.3	0.60	ug/kg	J
50-29-3	4,4'-DDT	ND	3.3	0.50	ug/kg	
72-20-8	Endrin	ND	3.3	0.60	ug/kg	
7421-93-4	Endrin aldehyde	ND	3.3	0.60	ug/kg	
959-98-8	Endosulfan-I	ND	3.3	0.56	ug/kg	
33213-65-9	Endosulfan-II	ND	3.3	0.60	ug/kg	
1031-07-8	Endosulfan sulfate	ND	3.3	0.56	ug/kg	
76-44-8	Heptachlor	ND	3.3	0.46	ug/kg	
1024-57-3	Heptachlor epoxide	ND	3.3	0.50	ug/kg	
72-43-5	Methoxychlor	ND	3.3	0.53	ug/kg	
8001-35-2	Toxaphene	ND	33	33	ug/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
877-09-8	Tetrachloro-m-xylene	84%		35-132%
877-09-8	Tetrachloro-m-xylene	71%		35-132%
2051-24-3	Decachlorobiphenyl	94%		35-132%
2051-24-3	Decachlorobiphenyl	101%		35-132%

(a) All results reported on a wet weight basis.

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Accutest Laboratories

Report of Analysis

Client Sample ID:	SB15@1-1.5'		
Lab Sample ID:	C20832-23	**Date Sampled:**	03/13/12
Matrix:	SO - Soil	**Date Received:**	03/13/12
		Percent Solids:	n/a [a]
Project:	31 South Milpitas Blvd		

Metals Analysis

Analyte	Result	RL	Units	DF	Prep	Analyzed	By	Method	Prep Method
Arsenic	5.4	1.8	mg/kg	1	03/19/12	03/20/12	RS	SW846 6010B [1]	SW846 3050B [2]

(1) Instrument QC Batch: MA2393
(2) Prep QC Batch: MP4681

(a) All results reported on a wet weight basis.

RL = Reporting Limit

Accutest Laboratories

Report of Analysis

Client Sample ID:	COMPOSITE(SB13-SB16)		
Lab Sample ID:	C20832-25	**Date Sampled:**	03/13/12
Matrix:	SO - Soil	**Date Received:**	03/13/12
Method:	SW846 8081A SW846 3550B	**Percent Solids:**	n/a [a]
Project:	31 South Milpitas Blvd		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	MM005176.D	1	03/17/12	RV	03/15/12	OP5589	GMM130
Run #2							

	Initial Weight	Final Volume
Run #1	30.1 g	10.0 ml
Run #2		

Pesticide PPL List

CAS No.	Compound	Result	RL	MDL	Units	Q
309-00-2	Aldrin	ND	3.3	0.40	ug/kg	
319-84-6	alpha-BHC	ND	3.3	0.36	ug/kg	
319-85-7	beta-BHC	ND	3.3	0.80	ug/kg	
319-86-8	delta-BHC	ND	3.3	0.40	ug/kg	
58-89-9	gamma-BHC (Lindane)	ND	3.3	0.40	ug/kg	
12789-03-6	Chlordane	ND	33	33	ug/kg	
60-57-1	Dieldrin	ND	3.3	0.60	ug/kg	
72-54-8	4,4'-DDD	ND	3.3	0.70	ug/kg	
72-55-9	4,4'-DDE	ND	3.3	0.60	ug/kg	
50-29-3	4,4'-DDT	ND	3.3	0.50	ug/kg	
72-20-8	Endrin	ND	3.3	0.60	ug/kg	
7421-93-4	Endrin aldehyde	ND	3.3	0.60	ug/kg	
959-98-8	Endosulfan-I	ND	3.3	0.56	ug/kg	
33213-65-9	Endosulfan-II	ND	3.3	0.60	ug/kg	
1031-07-8	Endosulfan sulfate	ND	3.3	0.56	ug/kg	
76-44-8	Heptachlor	ND	3.3	0.46	ug/kg	
1024-57-3	Heptachlor epoxide	ND	3.3	0.50	ug/kg	
72-43-5	Methoxychlor	ND	3.3	0.53	ug/kg	
8001-35-2	Toxaphene	ND	33	33	ug/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
877-09-8	Tetrachloro-m-xylene	95%		35-132%
877-09-8	Tetrachloro-m-xylene	90%		35-132%
2051-24-3	Decachlorobiphenyl	103%		35-132%
2051-24-3	Decachlorobiphenyl	114%		35-132%

(a) All results reported on a wet weight basis.

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Accutest Laboratories

Report of Analysis

Client Sample ID:	SB13@3-4'		
Lab Sample ID:	C20832-26	**Date Sampled:**	03/13/12
Matrix:	SO - Soil	**Date Received:**	03/13/12
Method:	SW846 8260B	**Percent Solids:**	n/a [a]
Project:	31 South Milpitas Blvd		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	M32480.D	1	03/14/12	XB	n/a	n/a	VM1021
Run #2							

	Initial Weight
Run #1	5.00 g
Run #2	

VOA 8260 List

CAS No.	Compound	Result	RL	MDL	Units	Q
67-64-1	Acetone	ND	40	10	ug/kg	
71-43-2	Benzene	ND	5.0	0.50	ug/kg	
108-86-1	Bromobenzene	ND	5.0	0.50	ug/kg	
74-97-5	Bromochloromethane	ND	5.0	0.50	ug/kg	
75-27-4	Bromodichloromethane	ND	5.0	0.50	ug/kg	
75-25-2	Bromoform	ND	5.0	0.50	ug/kg	
104-51-8	n-Butylbenzene	ND	5.0	0.50	ug/kg	
135-98-8	sec-Butylbenzene	ND	5.0	0.50	ug/kg	
98-06-6	tert-Butylbenzene	ND	5.0	0.50	ug/kg	
108-90-7	Chlorobenzene	ND	5.0	0.50	ug/kg	
75-00-3	Chloroethane	ND	5.0	1.0	ug/kg	
67-66-3	Chloroform	ND	5.0	0.50	ug/kg	
95-49-8	o-Chlorotoluene	ND	5.0	0.50	ug/kg	
106-43-4	p-Chlorotoluene	ND	5.0	0.50	ug/kg	
56-23-5	Carbon tetrachloride	ND	5.0	0.50	ug/kg	
75-34-3	1,1-Dichloroethane	ND	5.0	0.50	ug/kg	
75-35-4	1,1-Dichloroethylene	ND	5.0	0.50	ug/kg	
563-58-6	1,1-Dichloropropene	ND	5.0	0.50	ug/kg	
96-12-8	1,2-Dibromo-3-chloropropane	ND	5.0	1.4	ug/kg	
106-93-4	1,2-Dibromoethane	ND	5.0	0.50	ug/kg	
107-06-2	1,2-Dichloroethane	ND	5.0	0.50	ug/kg	
78-87-5	1,2-Dichloropropane	ND	5.0	0.50	ug/kg	
142-28-9	1,3-Dichloropropane	ND	5.0	0.50	ug/kg	
108-20-3	Di-Isopropyl ether	ND	5.0	0.50	ug/kg	
594-20-7	2,2-Dichloropropane	ND	5.0	0.50	ug/kg	
124-48-1	Dibromochloromethane	ND	5.0	0.50	ug/kg	
75-71-8	Dichlorodifluoromethane	ND	5.0	1.0	ug/kg	
156-59-2	cis-1,2-Dichloroethylene	ND	5.0	1.1	ug/kg	
10061-01-5	cis-1,3-Dichloropropene	ND	5.0	0.50	ug/kg	
541-73-1	m-Dichlorobenzene	ND	5.0	0.50	ug/kg	
95-50-1	o-Dichlorobenzene	ND	5.0	0.50	ug/kg	
106-46-7	p-Dichlorobenzene	ND	5.0	0.50	ug/kg	

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Accutest Laboratories

Report of Analysis

Client Sample ID:	SB13@3-4'		
Lab Sample ID:	C20832-26	**Date Sampled:**	03/13/12
Matrix:	SO - Soil	**Date Received:**	03/13/12
Method:	SW846 8260B	**Percent Solids:**	n/a [a]
Project:	31 South Milpitas Blvd		

VOA 8260 List

CAS No.	Compound	Result	RL	MDL	Units	Q
156-60-5	trans-1,2-Dichloroethylene	ND	5.0	0.50	ug/kg	
10061-02-6	trans-1,3-Dichloropropene	ND	5.0	0.50	ug/kg	
100-41-4	Ethylbenzene	ND	5.0	0.50	ug/kg	
637-92-3	Ethyl tert-Butyl Ether	ND	5.0	0.50	ug/kg	
591-78-6	2-Hexanone	ND	20	2.0	ug/kg	
87-68-3	Hexachlorobutadiene	ND	5.0	1.0	ug/kg	
98-82-8	Isopropylbenzene	ND	5.0	0.50	ug/kg	
99-87-6	p-Isopropyltoluene	ND	5.0	0.50	ug/kg	
108-10-1	4-Methyl-2-pentanone	ND	20	2.0	ug/kg	
74-83-9	Methyl bromide	ND	5.0	1.0	ug/kg	
74-87-3	Methyl chloride	ND	5.0	1.0	ug/kg	
74-95-3	Methylene bromide	ND	5.0	0.50	ug/kg	
75-09-2	Methylene chloride	ND	20	5.0	ug/kg	
78-93-3	Methyl ethyl ketone	ND	20	2.0	ug/kg	
1634-04-4	Methyl Tert Butyl Ether	ND	5.0	1.0	ug/kg	
91-20-3	Naphthalene	ND	5.0	1.0	ug/kg	
103-65-1	n-Propylbenzene	ND	5.0	0.50	ug/kg	
100-42-5	Styrene	ND	5.0	0.50	ug/kg	
994-05-8	Tert-Amyl Methyl Ether	ND	5.0	0.50	ug/kg	
75-65-0	Tert Butyl Alcohol	ND	40	10	ug/kg	
630-20-6	1,1,1,2-Tetrachloroethane	ND	5.0	0.50	ug/kg	
71-55-6	1,1,1-Trichloroethane	ND	5.0	0.50	ug/kg	
79-34-5	1,1,2,2-Tetrachloroethane	ND	5.0	0.50	ug/kg	
79-00-5	1,1,2-Trichloroethane	ND	5.0	0.50	ug/kg	
87-61-6	1,2,3-Trichlorobenzene	ND	5.0	0.50	ug/kg	
96-18-4	1,2,3-Trichloropropane	ND	5.0	1.0	ug/kg	
120-82-1	1,2,4-Trichlorobenzene	ND	5.0	0.50	ug/kg	
95-63-6	1,2,4-Trimethylbenzene	ND	5.0	1.0	ug/kg	
108-67-8	1,3,5-Trimethylbenzene	ND	5.0	1.0	ug/kg	
127-18-4	Tetrachloroethylene	ND	5.0	0.60	ug/kg	
108-88-3	Toluene	ND	5.0	0.50	ug/kg	
79-01-6	Trichloroethylene	ND	5.0	0.50	ug/kg	
75-69-4	Trichlorofluoromethane	ND	5.0	1.0	ug/kg	
75-01-4	Vinyl chloride	ND	5.0	1.0	ug/kg	
1330-20-7	Xylene (total)	ND	10	1.0	ug/kg	
	TPH-GRO (C6-C10)	ND	100	50	ug/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	93%		60-130%

ND = Not detected MDL - Method Detection Limit
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J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Accutest Laboratories

Report of Analysis

Client Sample ID:	SB13@3-4'		
Lab Sample ID:	C20832-26	**Date Sampled:**	03/13/12
Matrix:	SO - Soil	**Date Received:**	03/13/12
Method:	SW846 8260B	**Percent Solids:**	n/a [a]
Project:	31 South Milpitas Blvd		

VOA 8260 List

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
2037-26-5	Toluene-D8	100%		60-130%
460-00-4	4-Bromofluorobenzene	95%		60-130%

(a) All results reported on a wet weight basis.

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Northern California ACCUTEST LABORATORIES

Misc. Forms

Custody Documents and Other Forms

Includes the following where applicable:

- Chain of Custody

CHAIN OF CUSTODY RECORD

ECASJ4234 C20832

PROJECT NUMBER: 94450.000.000
PROJECT NAME: 31 South Milpitas Blvd
SAMPLED BY: (SIGNATURE/PRINT) S John / Scott Johns
PROJECT MANAGER: Scott Johns
ROUTING: E-MAIL sjohns@engeo.com Hard Copy ____ N/A

	SAMPLE NUMBER	DATE	TIME	MATRIX	NUMBER OF CONTAINERS	CONTAINER SIZE	PRESERVATIVE	OC-P	Arsenic	VOCs + TPH-g	TPH-d + motor oil	Shaped chem	REMARKS REQUIRED DETECTION LIMITS
-1	GW 1	3/13/12	14:00	Aq	5	VOA Amber	HCL/ICE			X	X	X	
-2	GW 2		11:30							X	X	X	
-3	GW 3		13:00							X	X	X	
-4	GW 4		10:47							X	X	X	
-5	GW 5		13:30							X	X	X	
-6	SB1@2.5-3'		13:35	Soil	1	Liner	ICE	X					Composite (-10)
-7	SB2@2.25'		13:45					X	X				
-8	SB3@2.25'		13:50					X					
-9	SB4@2.25'		13:58					X					
-11	SB5@2.25'		15:35					X	X				Composite (-15)
-12	SB6@2.25'		14:10					X					
-13	SB7@2.25'		14:07					X					
-14	SB8@2.25'		14:15					X					
-16	SB9@2.25'		15:13					X					Composite (-20)
-17	SB10@2.25'		15:05					X	X				
-18	SB11@2.25'		14:25					X					
-19	SB12@2.25'		14:28					X					
-21	SB13@2.25'		15:00					X					Composite (-25)
-22	SB14@2.25'		14:55					X					
-23	SB15@2.25'		10:25					X	X				
-24	SB16@2.25'		14:32					X					
-26	SB13@3-4'		10:10					X					

RELINQUISHED BY: (SIGNATURE)	DATE/TIME	RECEIVED BY: (SIGNATURE)	RELINQUISHED BY: (SIGNATURE)	DATE/TIME	RECEIVED BY: (SIGNATURE)
S John	3/13/12 16:50	1650 03-13-12			

REMARKS
Run
• SB13@3-4' for VOCs + TPH-g (8260B)
• Standard 5-day TAT

temp: 13.0 - 0.4 = 12.6°C

DISTRIBUTION: ORIGINAL ACCOMPANIES SHIPMENT; COPY TO PROJECT FIELD FILES

ENGEO INCORPORATED
6399 SAN IGNACIO AVENUE, SUITE 150
SAN JOSE, CALIFORNIA 95119
(408) 574-4900 FAX (888) 279-2698
WWW.ENGEO.COM

C20832: Chain of Custody
Page 1 of 2

Accutest Laboratories Northern California Sample Receiving Check List Job# : C20832 Initial: EK

Review Chain of Custody Chain of Custody is to be complete and legible.

- ✓ Are these regulatory (NPDES) samples? CWA — Yes / No
- ✓ Is pH requested? — Yes / No
  - ☐ Was Client informed that hold time is 15 min? Yes / No Continue Yes / No
  - ☐ Was ortho-Phosphate filtered with in 15 min? Yes / No Continue Yes / No
- ✓ Are sample within hold time? — Yes / No
  - Are sample in danger of exceeding hold-time — Yes / No
- ✓ Existing Client? Yes / No Existing Project? Yes / No
  - If No: Is Report to info complete and legible, including;
    - ✓ deliverable ✓ Name ✓ Address ✓ phone ✓ e-mail
    - Is Bill to info complete and legible, including;
    - ☐ PO# ☐ Credit card ☐ Contact address ☐ phone ☐ e-mail
    - Is Contact and/or Project Manager identified, including;
    - ✓ phone ✓ e-mail
    - ✓ Project name / number
- ✓ Special requirements? — Yes / No
- ✓ Sample IDs / date & time of collection provided? — Yes / No
- ✓ Is Matrix listed and correct? — Yes / No
- ✓ Analyses listed, we do, or client has authorized a subcontract? — Yes / No
- ✓ Chain is signed and dated by both client and sample custodian? — Yes / No
- ✓ TAT requested available? Yes / No Approved by PM

Review Coolers:

- ✓ Were all Coolers temperatures measured at ≤6°C? delivered on ICE from field — Yes / No
  - If cooler is outside the ≤6°C; note down the affected bottles in that cooler on the left
- ✓ Are samples on Ice? — Yes / No

Note that ANC does NOT accept evidentiary samples. (We do not lock refrigerators)

- ✓ Shipment Received Method walk In
- ✓ Custody Seals: Present: Yes / No If Yes; Unbroken: Yes / No

Review of Sample Bottles: If you answer no, explain to the side

- ✓ Chain matches bottle labels? Yes / No ✓ Sample bottle intact? Yes / No
- ✓ Is there enough sample volume in proper bottle for requested analyses? — Yes / No
- ✓ Proper Preservatives? Yes / No
  - Check pH on preserved samples except 1664, 625, 8270 and VOAs; make notes on left.
- ✓ Headspace-VOAs? **Greater than 6mm in diameter** **List sample ID and affected container** — Yes / No

Client Sample ID	pH Check	Other Comments/Issues
-1		3vials (HCL) + 2Liter AG N/p
↓		↓ ↓
-4		
-5		
		* Acetate sleeves for soils.

Non-Compliance issues and discrepancies on the COC are forwarded to Project Management

\\Accunca.accutest.com\depts\qa\sops\sop_completelist_2010\current_active_sop_oct_2010\sc001f1_0_form1_samplecontrol_samplereceivingchecklist_2009-01-01.doc

C20832: Chain of Custody
Page 2 of 2

Northern California ACCUTEST LABORATORIES

GC/MS Volatiles

QC Data Summaries

Includes the following where applicable:

- Method Blank Summaries
- Blank Spike Summaries
- Matrix Spike and Duplicate Summaries

Method Blank Summary

Job Number: C20832
Account: ECASJ Engeo, Inc.
Project: 31 South Milpitas Blvd

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
VM1021-MB	M32479.D	1	03/14/12	XB	n/a	n/a	VM1021

The QC reported here applies to the following samples: **Method:** SW846 8260B

C20832-26

CAS No.	Compound	Result	RL	MDL	Units	Q
67-64-1	Acetone	ND	40	10	ug/kg	
71-43-2	Benzene	ND	5.0	0.50	ug/kg	
108-86-1	Bromobenzene	ND	5.0	0.50	ug/kg	
74-97-5	Bromochloromethane	ND	5.0	0.50	ug/kg	
75-27-4	Bromodichloromethane	ND	5.0	0.50	ug/kg	
75-25-2	Bromoform	ND	5.0	0.50	ug/kg	
104-51-8	n-Butylbenzene	ND	5.0	0.50	ug/kg	
135-98-8	sec-Butylbenzene	ND	5.0	0.50	ug/kg	
98-06-6	tert-Butylbenzene	ND	5.0	0.50	ug/kg	
108-90-7	Chlorobenzene	ND	5.0	0.50	ug/kg	
75-00-3	Chloroethane	ND	5.0	1.0	ug/kg	
67-66-3	Chloroform	ND	5.0	0.50	ug/kg	
95-49-8	o-Chlorotoluene	ND	5.0	0.50	ug/kg	
106-43-4	p-Chlorotoluene	ND	5.0	0.50	ug/kg	
56-23-5	Carbon tetrachloride	ND	5.0	0.50	ug/kg	
75-34-3	1,1-Dichloroethane	ND	5.0	0.50	ug/kg	
75-35-4	1,1-Dichloroethylene	ND	5.0	0.50	ug/kg	
563-58-6	1,1-Dichloropropene	ND	5.0	0.50	ug/kg	
96-12-8	1,2-Dibromo-3-chloropropane	ND	5.0	1.4	ug/kg	
106-93-4	1,2-Dibromoethane	ND	5.0	0.50	ug/kg	
107-06-2	1,2-Dichloroethane	ND	5.0	0.50	ug/kg	
78-87-5	1,2-Dichloropropane	ND	5.0	0.50	ug/kg	
142-28-9	1,3-Dichloropropane	ND	5.0	0.50	ug/kg	
108-20-3	Di-Isopropyl ether	ND	5.0	0.50	ug/kg	
594-20-7	2,2-Dichloropropane	ND	5.0	0.50	ug/kg	
124-48-1	Dibromochloromethane	ND	5.0	0.50	ug/kg	
75-71-8	Dichlorodifluoromethane	ND	5.0	1.0	ug/kg	
156-59-2	cis-1,2-Dichloroethylene	ND	5.0	1.1	ug/kg	
10061-01-5	cis-1,3-Dichloropropene	ND	5.0	0.50	ug/kg	
541-73-1	m-Dichlorobenzene	ND	5.0	0.50	ug/kg	
95-50-1	o-Dichlorobenzene	ND	5.0	0.50	ug/kg	
106-46-7	p-Dichlorobenzene	ND	5.0	0.50	ug/kg	
156-60-5	trans-1,2-Dichloroethylene	ND	5.0	0.50	ug/kg	
10061-02-6	trans-1,3-Dichloropropene	ND	5.0	0.50	ug/kg	
100-41-4	Ethylbenzene	ND	5.0	0.50	ug/kg	
637-92-3	Ethyl tert-Butyl Ether	ND	5.0	0.50	ug/kg	

Method Blank Summary

Job Number: C20832
Account: ECASJ Engeo, Inc.
Project: 31 South Milpitas Blvd

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
VM1021-MB	M32479.D	1	03/14/12	XB	n/a	n/a	VM1021

The QC reported here applies to the following samples: **Method:** SW846 8260B

C20832-26

CAS No.	Compound	Result	RL	MDL	Units	Q
591-78-6	2-Hexanone	ND	20	2.0	ug/kg	
87-68-3	Hexachlorobutadiene	ND	5.0	1.0	ug/kg	
98-82-8	Isopropylbenzene	ND	5.0	0.50	ug/kg	
99-87-6	p-Isopropyltoluene	ND	5.0	0.50	ug/kg	
108-10-1	4-Methyl-2-pentanone	ND	20	2.0	ug/kg	
74-83-9	Methyl bromide	ND	5.0	1.0	ug/kg	
74-87-3	Methyl chloride	ND	5.0	1.0	ug/kg	
74-95-3	Methylene bromide	ND	5.0	0.50	ug/kg	
75-09-2	Methylene chloride	ND	20	5.0	ug/kg	
78-93-3	Methyl ethyl ketone	ND	20	2.0	ug/kg	
1634-04-4	Methyl Tert Butyl Ether	ND	5.0	1.0	ug/kg	
91-20-3	Naphthalene	ND	5.0	1.0	ug/kg	
103-65-1	n-Propylbenzene	ND	5.0	0.50	ug/kg	
100-42-5	Styrene	ND	5.0	0.50	ug/kg	
994-05-8	Tert-Amyl Methyl Ether	ND	5.0	0.50	ug/kg	
75-65-0	Tert Butyl Alcohol	ND	40	10	ug/kg	
630-20-6	1,1,1,2-Tetrachloroethane	ND	5.0	0.50	ug/kg	
71-55-6	1,1,1-Trichloroethane	ND	5.0	0.50	ug/kg	
79-34-5	1,1,2,2-Tetrachloroethane	ND	5.0	0.50	ug/kg	
79-00-5	1,1,2-Trichloroethane	ND	5.0	0.50	ug/kg	
87-61-6	1,2,3-Trichlorobenzene	ND	5.0	0.50	ug/kg	
96-18-4	1,2,3-Trichloropropane	ND	5.0	1.0	ug/kg	
120-82-1	1,2,4-Trichlorobenzene	ND	5.0	0.50	ug/kg	
95-63-6	1,2,4-Trimethylbenzene	ND	5.0	1.0	ug/kg	
108-67-8	1,3,5-Trimethylbenzene	ND	5.0	1.0	ug/kg	
127-18-4	Tetrachloroethylene	ND	5.0	0.60	ug/kg	
108-88-3	Toluene	ND	5.0	0.50	ug/kg	
79-01-6	Trichloroethylene	ND	5.0	0.50	ug/kg	
75-69-4	Trichlorofluoromethane	ND	5.0	1.0	ug/kg	
75-01-4	Vinyl chloride	ND	5.0	1.0	ug/kg	
1330-20-7	Xylene (total)	ND	10	1.0	ug/kg	
	TPH-GRO (C6-C10)	ND	100	50	ug/kg	

Method Blank Summary

Job Number: C20832
Account: ECASJ Engeo, Inc.
Project: 31 South Milpitas Blvd

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
VM1021-MB	M32479.D	1	03/14/12	XB	n/a	n/a	VM1021

The QC reported here applies to the following samples: **Method:** SW846 8260B

C20832-26

CAS No.	Surrogate Recoveries		Limits
1868-53-7	Dibromofluoromethane	85%	60-130%
2037-26-5	Toluene-D8	101%	60-130%
460-00-4	4-Bromofluorobenzene	94%	60-130%

Method Blank Summary

Job Number: C20832
Account: ECASJ Engeo, Inc.
Project: 31 South Milpitas Blvd

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
VN958-MB	N29343.D	1	03/20/12	TF	n/a	n/a	VN958

The QC reported here applies to the following samples: **Method:** SW846 8260B

C20832-1, C20832-2, C20832-3, C20832-4, C20832-5

CAS No.	Compound	Result	RL	MDL	Units	Q
67-64-1	Acetone [a]	6.6	20	4.0	ug/l	J
71-43-2	Benzene	ND	1.0	0.20	ug/l	
108-86-1	Bromobenzene	ND	1.0	0.20	ug/l	
74-97-5	Bromochloromethane	ND	1.0	0.20	ug/l	
75-27-4	Bromodichloromethane	ND	1.0	0.20	ug/l	
75-25-2	Bromoform	ND	1.0	0.22	ug/l	
104-51-8	n-Butylbenzene	ND	2.0	0.20	ug/l	
135-98-8	sec-Butylbenzene	ND	2.0	0.20	ug/l	
98-06-6	tert-Butylbenzene	ND	2.0	0.28	ug/l	
108-90-7	Chlorobenzene	ND	1.0	0.20	ug/l	
75-00-3	Chloroethane	ND	1.0	0.20	ug/l	
67-66-3	Chloroform	ND	1.0	0.20	ug/l	
95-49-8	o-Chlorotoluene	ND	2.0	0.20	ug/l	
106-43-4	p-Chlorotoluene	ND	2.0	0.26	ug/l	
56-23-5	Carbon tetrachloride	ND	1.0	0.20	ug/l	
75-34-3	1,1-Dichloroethane	ND	1.0	0.20	ug/l	
75-35-4	1,1-Dichloroethylene	ND	1.0	0.20	ug/l	
563-58-6	1,1-Dichloropropene	ND	1.0	0.20	ug/l	
96-12-8	1,2-Dibromo-3-chloropropane	ND	2.0	0.40	ug/l	
106-93-4	1,2-Dibromoethane	ND	1.0	0.20	ug/l	
107-06-2	1,2-Dichloroethane	ND	1.0	0.20	ug/l	
78-87-5	1,2-Dichloropropane	ND	1.0	0.20	ug/l	
142-28-9	1,3-Dichloropropane	ND	1.0	0.20	ug/l	
108-20-3	Di-Isopropyl ether	ND	2.0	0.22	ug/l	
594-20-7	2,2-Dichloropropane	ND	1.0	0.20	ug/l	
124-48-1	Dibromochloromethane	ND	1.0	0.20	ug/l	
75-71-8	Dichlorodifluoromethane	ND	1.0	0.20	ug/l	
156-59-2	cis-1,2-Dichloroethylene	ND	1.0	0.20	ug/l	
10061-01-5	cis-1,3-Dichloropropene	ND	1.0	0.20	ug/l	
541-73-1	m-Dichlorobenzene	ND	1.0	0.20	ug/l	
95-50-1	o-Dichlorobenzene	ND	1.0	0.20	ug/l	
106-46-7	p-Dichlorobenzene	ND	1.0	0.20	ug/l	
156-60-5	trans-1,2-Dichloroethylene	ND	1.0	0.20	ug/l	
10061-02-6	trans-1,3-Dichloropropene	ND	1.0	0.30	ug/l	
100-41-4	Ethylbenzene	ND	1.0	0.20	ug/l	
637-92-3	Ethyl Tert Butyl Ether	ND	2.0	0.22	ug/l	

Method Blank Summary

Job Number: C20832
Account: ECASJ Engeo, Inc.
Project: 31 South Milpitas Blvd

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
VN958-MB	N29343.D	1	03/20/12	TF	n/a	n/a	VN958

The QC reported here applies to the following samples: **Method:** SW846 8260B

C20832-1, C20832-2, C20832-3, C20832-4, C20832-5

CAS No.	Compound	Result	RL	MDL	Units	Q
591-78-6	2-Hexanone	ND	10	2.0	ug/l	
87-68-3	Hexachlorobutadiene	ND	2.0	0.20	ug/l	
98-82-8	Isopropylbenzene	ND	1.0	0.20	ug/l	
99-87-6	p-Isopropyltoluene	ND	2.0	0.20	ug/l	
108-10-1	4-Methyl-2-pentanone	ND	10	1.0	ug/l	
74-83-9	Methyl bromide	ND	2.0	0.20	ug/l	
74-87-3	Methyl chloride	ND	1.0	0.20	ug/l	
74-95-3	Methylene bromide	ND	1.0	0.20	ug/l	
75-09-2	Methylene chloride	ND	10	2.0	ug/l	
78-93-3	Methyl ethyl ketone	ND	10	2.0	ug/l	
1634-04-4	Methyl Tert Butyl Ether	ND	1.0	0.20	ug/l	
91-20-3	Naphthalene	ND	5.0	0.50	ug/l	
103-65-1	n-Propylbenzene	ND	2.0	0.20	ug/l	
100-42-5	Styrene	ND	1.0	0.20	ug/l	
994-05-8	Tert-Amyl Methyl Ether	ND	2.0	0.40	ug/l	
75-65-0	Tert-Butyl Alcohol	ND	10	2.4	ug/l	
630-20-6	1,1,1,2-Tetrachloroethane	ND	1.0	0.30	ug/l	
71-55-6	1,1,1-Trichloroethane	ND	1.0	0.20	ug/l	
79-34-5	1,1,2,2-Tetrachloroethane	ND	1.0	0.20	ug/l	
79-00-5	1,1,2-Trichloroethane	ND	1.0	0.22	ug/l	
87-61-6	1,2,3-Trichlorobenzene	ND	2.0	0.20	ug/l	
96-18-4	1,2,3-Trichloropropane	ND	2.0	0.20	ug/l	
120-82-1	1,2,4-Trichlorobenzene	ND	2.0	0.20	ug/l	
95-63-6	1,2,4-Trimethylbenzene	ND	2.0	0.20	ug/l	
108-67-8	1,3,5-Trimethylbenzene	ND	2.0	0.20	ug/l	
127-18-4	Tetrachloroethylene	ND	1.0	0.30	ug/l	
108-88-3	Toluene	ND	1.0	0.20	ug/l	
79-01-6	Trichloroethylene	ND	1.0	0.20	ug/l	
75-69-4	Trichlorofluoromethane	ND	1.0	0.20	ug/l	
75-01-4	Vinyl chloride	ND	1.0	0.20	ug/l	
1330-20-7	Xylene (total)	ND	2.0	0.46	ug/l	
	TPH-GRO (C6-C10)	ND	50	25	ug/l	

Method Blank Summary

Job Number: C20832
Account: ECASJ Engeo, Inc.
Project: 31 South Milpitas Blvd

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
VN958-MB	N29343.D	1	03/20/12	TF	n/a	n/a	VN958

The QC reported here applies to the following samples: **Method:** SW846 8260B

C20832-1, C20832-2, C20832-3, C20832-4, C20832-5

CAS No.	Surrogate Recoveries		Limits
1868-53-7	Dibromofluoromethane	94%	60-130%
2037-26-5	Toluene-D8	96%	60-130%
460-00-4	4-Bromofluorobenzene	97%	60-130%

(a) Associated sample(s) with "B" qualifiers indicate analyte is found at concentrations less than 10 times of method blank. Concentration present in blank is less than 1/2 RL; therefore, meeting method criteria.

Blank Spike/Blank Spike Duplicate Summary

Job Number: C20832
Account: ECASJ Engeo, Inc.
Project: 31 South Milpitas Blvd

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
VM1021-BS	M32476.D	1	03/14/12	XB	n/a	n/a	VM1021
VM1021-BSD	M32477.D	1	03/14/12	XB	n/a	n/a	VM1021

The QC reported here applies to the following samples: **Method:** SW846 8260B

C20832-26

CAS No.	Compound	Spike ug/kg	BSP ug/kg	BSP %	BSD ug/kg	BSD %	RPD	Limits Rec/RPD
67-64-1	Acetone	160	156	98	134	84	15	60-130/30
71-43-2	Benzene	40	39.5	99	38.6	97	2	60-130/30
108-86-1	Bromobenzene	40	34.8	87	36.9	92	6	60-130/30
74-97-5	Bromochloromethane	40	39.0	98	37.7	94	3	60-130/30
75-27-4	Bromodichloromethane	40	37.3	93	35.8	90	4	60-130/30
75-25-2	Bromoform	40	40.2	101	36.9	92	9	60-130/30
104-51-8	n-Butylbenzene	40	32.6	82	34.9	87	7	60-130/30
135-98-8	sec-Butylbenzene	40	33.2	83	35.9	90	8	60-130/30
98-06-6	tert-Butylbenzene	40	33.2	83	35.8	90	8	60-130/30
108-90-7	Chlorobenzene	40	39.3	98	38.3	96	3	60-130/30
75-00-3	Chloroethane	40	35.6	89	36.0	90	1	60-130/30
67-66-3	Chloroform	40	34.1	85	33.8	85	1	60-130/30
95-49-8	o-Chlorotoluene	40	32.2	81	34.6	87	7	60-130/30
106-43-4	p-Chlorotoluene	40	32.5	81	35.0	88	7	60-130/30
56-23-5	Carbon tetrachloride	40	36.8	92	36.5	91	1	60-130/30
75-34-3	1,1-Dichloroethane	40	34.9	87	34.6	87	1	60-130/30
75-35-4	1,1-Dichloroethylene	40	41.2	103	40.7	102	1	60-130/30
563-58-6	1,1-Dichloropropene	40	38.0	95	37.4	94	2	60-130/30
96-12-8	1,2-Dibromo-3-chloropropane	40	35.3	88	32.8	82	7	60-130/30
106-93-4	1,2-Dibromoethane	40	39.2	98	36.7	92	7	60-130/30
107-06-2	1,2-Dichloroethane	40	35.8	90	33.6	84	6	60-130/30
78-87-5	1,2-Dichloropropane	40	37.4	94	36.1	90	4	60-130/30
142-28-9	1,3-Dichloropropane	40	37.6	94	35.4	89	6	60-130/30
108-20-3	Di-Isopropyl ether	40	38.2	96	37.7	94	1	60-130/30
594-20-7	2,2-Dichloropropane	40	35.4	89	34.3	86	3	60-130/30
124-48-1	Dibromochloromethane	40	38.1	95	36.3	91	5	60-130/30
75-71-8	Dichlorodifluoromethane	40	39.2	98	39.1	98	0	60-130/30
156-59-2	cis-1,2-Dichloroethylene	40	36.8	92	36.6	92	1	60-130/30
10061-01-5	cis-1,3-Dichloropropene	40	38.0	95	36.5	91	4	60-130/30
541-73-1	m-Dichlorobenzene	40	33.8	85	36.3	91	7	60-130/30
95-50-1	o-Dichlorobenzene	40	34.6	87	36.4	91	5	60-130/30
106-46-7	p-Dichlorobenzene	40	33.9	85	36.3	91	7	60-130/30
156-60-5	trans-1,2-Dichloroethylene	40	38.0	95	38.0	95	0	60-130/30
10061-02-6	trans-1,3-Dichloropropene	40	37.3	93	35.4	89	5	60-130/30
100-41-4	Ethylbenzene	40	37.9	95	37.3	93	2	60-130/30
637-92-3	Ethyl tert-Butyl Ether	40	35.6	89	34.4	86	3	60-130/30

Blank Spike/Blank Spike Duplicate Summary

Job Number: C20832
Account: ECASJ Engeo, Inc.
Project: 31 South Milpitas Blvd

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
VM1021-BS	M32476.D	1	03/14/12	XB	n/a	n/a	VM1021
VM1021-BSD	M32477.D	1	03/14/12	XB	n/a	n/a	VM1021

The QC reported here applies to the following samples: **Method:** SW846 8260B

C20832-26

CAS No.	Compound	Spike ug/kg	BSP ug/kg	BSP %	BSD ug/kg	BSD %	RPD	Limits Rec/RPD
591-78-6	2-Hexanone	160	159	99	133	83	18	60-130/30
87-68-3	Hexachlorobutadiene	40	35.2	88	37.4	94	6	60-130/30
98-82-8	Isopropylbenzene	40	38.1	95	37.3	93	2	60-130/30
99-87-6	p-Isopropyltoluene	40	33.7	84	36.2	91	7	60-130/30
108-10-1	4-Methyl-2-pentanone	160	158	99	133	83	17	60-130/30
74-83-9	Methyl bromide	40	36.7	92	38.0	95	3	60-130/30
74-87-3	Methyl chloride	40	42.0	105	48.1	120	14	60-130/30
74-95-3	Methylene bromide	40	38.4	96	35.8	90	7	60-130/30
75-09-2	Methylene chloride	40	35.4	89	34.5	86	3	60-130/30
78-93-3	Methyl ethyl ketone	160	161	101	134	84	18	60-130/30
1634-04-4	Methyl Tert Butyl Ether	40	37.5	94	35.0	88	7	60-130/30
91-20-3	Naphthalene	40	36.3	91	35.9	90	1	60-130/30
103-65-1	n-Propylbenzene	40	33.1	83	35.8	90	8	60-130/30
100-42-5	Styrene	40	38.9	97	38.2	96	2	60-130/30
994-05-8	Tert-Amyl Methyl Ether	40	36.7	92	35.2	88	4	60-130/30
75-65-0	Tert Butyl Alcohol	200	200	100	159	80	23	60-130/30
630-20-6	1,1,1,2-Tetrachloroethane	40	37.5	94	37.3	93	1	60-130/30
71-55-6	1,1,1-Trichloroethane	40	34.4	86	34.1	85	1	60-130/30
79-34-5	1,1,2,2-Tetrachloroethane	40	33.7	84	33.6	84	0	60-130/30
79-00-5	1,1,2-Trichloroethane	40	37.6	94	35.2	88	7	60-130/30
87-61-6	1,2,3-Trichlorobenzene	40	35.6	89	37.1	93	4	60-130/30
96-18-4	1,2,3-Trichloropropane	40	39.3	98	34.4	86	13	60-130/30
120-82-1	1,2,4-Trichlorobenzene	40	35.5	89	37.4	94	5	60-130/30
95-63-6	1,2,4-Trimethylbenzene	40	32.6	82	35.0	88	7	60-130/30
108-67-8	1,3,5-Trimethylbenzene	40	33.2	83	35.8	90	8	60-130/30
127-18-4	Tetrachloroethylene	40	41.1	103	40.0	100	3	60-130/30
108-88-3	Toluene	40	38.8	97	38.4	96	1	60-130/30
79-01-6	Trichloroethylene	40	41.9	105	40.8	102	3	60-130/30
75-69-4	Trichlorofluoromethane	40	34.1	85	34.4	86	1	60-130/30
75-01-4	Vinyl chloride	40	41.0	103	41.9	105	2	60-130/30
1330-20-7	Xylene (total)	120	115	96	114	95	1	60-130/30

CAS No.	Surrogate Recoveries	BSP	BSD	Limits
1868-53-7	Dibromofluoromethane	89%	88%	60-130%

Blank Spike/Blank Spike Duplicate Summary

Job Number: C20832
Account: ECASJ Engeo, Inc.
Project: 31 South Milpitas Blvd

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
VM1021-BS	M32476.D	1	03/14/12	XB	n/a	n/a	VM1021
VM1021-BSD	M32477.D	1	03/14/12	XB	n/a	n/a	VM1021

The QC reported here applies to the following samples: **Method:** SW846 8260B

C20832-26

CAS No.	Surrogate Recoveries	BSP	BSD	Limits
2037-26-5	Toluene-D8	95%	95%	60-130%
460-00-4	4-Bromofluorobenzene	101%	97%	60-130%

Blank Spike/Blank Spike Duplicate Summary

Job Number: C20832
Account: ECASJ Engeo, Inc.
Project: 31 South Milpitas Blvd

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
VN958-BS	N29344.D	1	03/20/12	TF	n/a	n/a	VN958
VN958-BSD	N29345.D	1	03/20/12	TF	n/a	n/a	VN958

The QC reported here applies to the following samples: **Method:** SW846 8260B

C20832-1, C20832-2, C20832-3, C20832-4, C20832-5

CAS No.	Compound	Spike ug/l	BSP ug/l	BSP %	BSD ug/l	BSD %	RPD	Limits Rec/RPD
67-64-1	Acetone	80	96.0	120	88.5	111	8	60-130/30
71-43-2	Benzene	20	20.0	100	20.6	103	3	60-130/30
108-86-1	Bromobenzene	20	19.6	98	20.5	103	4	60-130/30
74-97-5	Bromochloromethane	20	20.2	101	20.7	104	2	60-130/30
75-27-4	Bromodichloromethane	20	20.5	103	21.5	108	5	60-130/30
75-25-2	Bromoform	20	23.0	115	22.0	110	4	60-130/30
104-51-8	n-Butylbenzene	20	19.6	98	20.2	101	3	60-130/30
135-98-8	sec-Butylbenzene	20	19.9	100	20.7	104	4	60-130/30
98-06-6	tert-Butylbenzene	20	19.3	97	20.8	104	7	60-130/30
108-90-7	Chlorobenzene	20	18.7	94	19.9	100	6	60-130/30
75-00-3	Chloroethane	20	20.5	103	21.0	105	2	60-130/30
67-66-3	Chloroform	20	19.6	98	21.4	107	9	60-130/30
95-49-8	o-Chlorotoluene	20	19.9	100	22.6	113	13	60-130/30
106-43-4	p-Chlorotoluene	20	18.2	91	19.0	95	4	60-130/30
56-23-5	Carbon tetrachloride	20	21.8	109	22.3	112	2	60-130/30
75-34-3	1,1-Dichloroethane	20	19.6	98	20.9	105	6	60-130/30
75-35-4	1,1-Dichloroethylene	20	18.4	92	19.7	99	7	60-130/30
563-58-6	1,1-Dichloropropene	20	19.8	99	21.6	108	9	60-130/30
96-12-8	1,2-Dibromo-3-chloropropane	20	21.9	110	21.0	105	4	60-130/30
106-93-4	1,2-Dibromoethane	20	20.8	104	19.7	99	5	60-130/30
107-06-2	1,2-Dichloroethane	20	24.9	125	23.7	119	5	60-130/30
78-87-5	1,2-Dichloropropane	20	20.2	101	21.7	109	7	60-130/30
142-28-9	1,3-Dichloropropane	20	21.6	108	20.8	104	4	60-130/30
108-20-3	Di-Isopropyl ether	20	19.5	98	20.7	104	6	60-130/30
594-20-7	2,2-Dichloropropane	20	19.6	98	21.5	108	9	60-130/30
124-48-1	Dibromochloromethane	20	21.2	106	20.9	105	1	60-130/30
75-71-8	Dichlorodifluoromethane	20	20.1	101	20.0	100	0	60-130/30
156-59-2	cis-1,2-Dichloroethylene	20	18.8	94	20.3	102	8	60-130/30
10061-01-5	cis-1,3-Dichloropropene	20	21.1	106	21.8	109	3	60-130/30
541-73-1	m-Dichlorobenzene	20	18.9	95	20.2	101	7	60-130/30
95-50-1	o-Dichlorobenzene	20	19.8	99	20.6	103	4	60-130/30
106-46-7	p-Dichlorobenzene	20	19.0	95	20.1	101	6	60-130/30
156-60-5	trans-1,2-Dichloroethylene	20	18.5	93	19.8	99	7	60-130/30
10061-02-6	trans-1,3-Dichloropropene	20	19.2	96	20.2	101	5	60-130/30
100-41-4	Ethylbenzene	20	18.7	94	20.3	102	8	60-130/30
637-92-3	Ethyl Tert Butyl Ether	20	21.4	107	22.1	111	3	60-130/30

Blank Spike/Blank Spike Duplicate Summary

Job Number: C20832
Account: ECASJ Engeo, Inc.
Project: 31 South Milpitas Blvd

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
VN958-BS	N29344.D	1	03/20/12	TF	n/a	n/a	VN958
VN958-BSD	N29345.D	1	03/20/12	TF	n/a	n/a	VN958

The QC reported here applies to the following samples: **Method:** SW846 8260B

C20832-1, C20832-2, C20832-3, C20832-4, C20832-5

CAS No.	Compound	Spike ug/l	BSP ug/l	BSP %	BSD ug/l	BSD %	RPD	Limits Rec/RPD
591-78-6	2-Hexanone	80	117	146* [a]	98.4	123	17	60-130/30
87-68-3	Hexachlorobutadiene	20	21.0	105	22.2	111	6	60-130/30
98-82-8	Isopropylbenzene	20	17.2	86	17.9	90	4	60-130/30
99-87-6	p-Isopropyltoluene	20	18.2	91	19.2	96	5	60-130/30
108-10-1	4-Methyl-2-pentanone	80	94.0	118	81.1	101	15	60-130/30
74-83-9	Methyl bromide	20	20.2	101	20.4	102	1	60-130/30
74-87-3	Methyl chloride	20	17.7	89	18.2	91	3	60-130/30
74-95-3	Methylene bromide	20	20.9	105	21.4	107	2	60-130/30
75-09-2	Methylene chloride	20	18.2	91	18.9	95	4	60-130/30
78-93-3	Methyl ethyl ketone	80	95.6	120	82.7	103	14	60-130/30
1634-04-4	Methyl Tert Butyl Ether	20	21.7	109	20.5	103	6	60-130/30
91-20-3	Naphthalene	20	20.1	101	20.0	100	0	60-130/30
103-65-1	n-Propylbenzene	20	19.0	95	20.4	102	7	60-130/30
100-42-5	Styrene	20	19.9	100	21.0	105	5	60-130/30
994-05-8	Tert-Amyl Methyl Ether	20	22.5	113	21.6	108	4	60-130/30
75-65-0	Tert-Butyl Alcohol	100	126	126	115	115	9	60-130/30
630-20-6	1,1,1,2-Tetrachloroethane	20	20.5	103	21.8	109	6	60-130/30
71-55-6	1,1,1-Trichloroethane	20	19.9	100	21.4	107	7	60-130/30
79-34-5	1,1,2,2-Tetrachloroethane	20	23.0	115	22.1	111	4	60-130/30
79-00-5	1,1,2-Trichloroethane	20	21.7	109	21.0	105	3	60-130/30
87-61-6	1,2,3-Trichlorobenzene	20	19.8	99	20.8	104	5	60-130/30
96-18-4	1,2,3-Trichloropropane	20	22.2	111	19.9	100	11	60-130/30
120-82-1	1,2,4-Trichlorobenzene	20	19.0	95	19.5	98	3	60-130/30
95-63-6	1,2,4-Trimethylbenzene	20	20.1	101	20.8	104	3	60-130/30
108-67-8	1,3,5-Trimethylbenzene	20	19.9	100	21.7	109	9	60-130/30
127-18-4	Tetrachloroethylene	20	18.7	94	20.0	100	7	60-130/30
108-88-3	Toluene	20	18.7	94	20.1	101	7	60-130/30
79-01-6	Trichloroethylene	20	19.1	96	20.7	104	8	60-130/30
75-69-4	Trichlorofluoromethane	20	20.2	101	21.4	107	6	60-130/30
75-01-4	Vinyl chloride	20	21.2	106	21.6	108	2	60-130/30
1330-20-7	Xylene (total)	60	56.7	95	60.3	101	6	60-130/30

CAS No.	Surrogate Recoveries	BSP	BSD	Limits
1868-53-7	Dibromofluoromethane	104%	101%	60-130%

Blank Spike/Blank Spike Duplicate Summary

Job Number: C20832
Account: ECASJ Engeo, Inc.
Project: 31 South Milpitas Blvd

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
VN958-BS	N29344.D	1	03/20/12	TF	n/a	n/a	VN958
VN958-BSD	N29345.D	1	03/20/12	TF	n/a	n/a	VN958

The QC reported here applies to the following samples: **Method:** SW846 8260B

C20832-1, C20832-2, C20832-3, C20832-4, C20832-5

CAS No.	Surrogate Recoveries	BSP	BSD	Limits
2037-26-5	Toluene-D8	97%	99%	60-130%
460-00-4	4-Bromofluorobenzene	102%	95%	60-130%

(a) Outside laboratory control limits.

Laboratory Control Sample Summary

Job Number: C20832
Account: ECASJ Engeo, Inc.
Project: 31 South Milpitas Blvd

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
VM1021-LCS	M32478.D	1	03/14/12	XB	n/a	n/a	VM1021

The QC reported here applies to the following samples: **Method:** SW846 8260B

C20832-26

CAS No.	Compound	Spike ug/kg	LCS ug/kg	LCS %	Limits
	TPH-GRO (C6-C10)	250	228	91	60-130

CAS No.	Surrogate Recoveries	BSP	Limits
1868-53-7	Dibromofluoromethane	84%	60-130%
2037-26-5	Toluene-D8	100%	60-130%
460-00-4	4-Bromofluorobenzene	98%	60-130%

Laboratory Control Sample Summary

Job Number: C20832
Account: ECASJ Engeo, Inc.
Project: 31 South Milpitas Blvd

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
VN958-LCS	N29346.D	1	03/20/12	TF	n/a	n/a	VN958

The QC reported here applies to the following samples: **Method:** SW846 8260B

C20832-1, C20832-2, C20832-3, C20832-4, C20832-5

CAS No.	Compound	Spike ug/l	LCS ug/l	LCS %	Limits
	TPH-GRO (C6-C10)	125	140	112	60-130

CAS No.	Surrogate Recoveries	BSP	Limits
1868-53-7	Dibromofluoromethane	92%	60-130%
2037-26-5	Toluene-D8	97%	60-130%
460-00-4	4-Bromofluorobenzene	95%	60-130%

Matrix Spike/Matrix Spike Duplicate Summary

Job Number: C20832
Account: ECASJ Engeo, Inc.
Project: 31 South Milpitas Blvd

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
C20800-13MS	M32485.D	1	03/14/12	XB	n/a	n/a	VM1021
C20800-13MSD	M32486.D	1	03/14/12	XB	n/a	n/a	VM1021
C20800-13	M32483.D	1	03/14/12	XB	n/a	n/a	VM1021

The QC reported here applies to the following samples: **Method:** SW846 8260B

C20832-26

CAS No.	Compound	C20800-13 ug/kg	Q	Spike ug/kg	MS ug/kg	MS %	MSD ug/kg	MSD %	RPD	Limits Rec/RPD
67-64-1	Acetone	ND		156	163	104	157	101	4	60-130/30
71-43-2	Benzene	ND		39.1	37.1	95	37.3	96	1	60-130/30
108-86-1	Bromobenzene	ND		39.1	34.1	87	34.2	88	0	60-130/30
74-97-5	Bromochloromethane	ND		39.1	37.3	95	38.1	98	2	60-130/30
75-27-4	Bromodichloromethane	ND		39.1	36.0	92	35.7	92	1	60-130/30
75-25-2	Bromoform	ND		39.1	39.0	100	39.2	101	1	60-130/30
104-51-8	n-Butylbenzene	ND		39.1	30.0	77	29.0	74	3	60-130/30
135-98-8	sec-Butylbenzene	ND		39.1	31.2	80	30.8	79	1	60-130/30
98-06-6	tert-Butylbenzene	ND		39.1	32.3	83	31.9	82	1	60-130/30
108-90-7	Chlorobenzene	ND		39.1	35.5	91	35.9	92	1	60-130/30
75-00-3	Chloroethane	ND		39.1	35.1	90	34.2	88	3	60-130/30
67-66-3	Chloroform	ND		39.1	35.1	90	34.5	88	2	60-130/30
95-49-8	o-Chlorotoluene	ND		39.1	32.5	83	32.1	82	1	60-130/30
106-43-4	p-Chlorotoluene	ND		39.1	32.7	84	32.7	84	0	60-130/30
56-23-5	Carbon tetrachloride	ND		39.1	37.9	97	37.2	95	2	60-130/30
75-34-3	1,1-Dichloroethane	ND		39.1	34.5	88	34.2	88	1	60-130/30
75-35-4	1,1-Dichloroethylene	ND		39.1	35.8	92	35.8	92	0	60-130/30
563-58-6	1,1-Dichloropropene	ND		39.1	37.3	95	37.2	95	0	60-130/30
96-12-8	1,2-Dibromo-3-chloropropane	ND		39.1	38.4	98	37.9	97	1	60-130/30
106-93-4	1,2-Dibromoethane	ND		39.1	37.5	96	37.8	97	1	60-130/30
107-06-2	1,2-Dichloroethane	ND		39.1	39.6	101	38.3	98	3	60-130/30
78-87-5	1,2-Dichloropropane	ND		39.1	35.0	90	35.1	90	0	60-130/30
142-28-9	1,3-Dichloropropane	ND		39.1	36.8	94	37.2	95	1	60-130/30
108-20-3	Di-Isopropyl ether	ND		39.1	33.7	86	34.5	88	2	60-130/30
594-20-7	2,2-Dichloropropane	ND		39.1	37.2	95	36.1	93	3	60-130/30
124-48-1	Dibromochloromethane	ND		39.1	36.9	94	36.6	94	1	60-130/30
75-71-8	Dichlorodifluoromethane	ND		39.1	31.2	80	29.3	75	6	60-130/30
156-59-2	cis-1,2-Dichloroethylene	ND		39.1	35.0	90	35.7	92	2	60-130/30
10061-01-5	cis-1,3-Dichloropropene	ND		39.1	37.6	96	37.4	96	1	60-130/30
541-73-1	m-Dichlorobenzene	ND		39.1	31.9	82	32.2	83	1	60-130/30
95-50-1	o-Dichlorobenzene	ND		39.1	32.9	84	32.9	84	0	60-130/30
106-46-7	p-Dichlorobenzene	ND		39.1	32.6	83	32.5	83	0	60-130/30
156-60-5	trans-1,2-Dichloroethylene	ND		39.1	34.8	89	34.9	90	0	60-130/30
10061-02-6	trans-1,3-Dichloropropene	ND		39.1	34.6	89	34.1	87	1	60-130/30
100-41-4	Ethylbenzene	ND		39.1	35.6	91	35.9	92	1	60-130/30
637-92-3	Ethyl tert-Butyl Ether	ND		39.1	37.2	95	37.1	95	0	60-130/30

Matrix Spike/Matrix Spike Duplicate Summary

Job Number: C20832
Account: ECASJ Engeo, Inc.
Project: 31 South Milpitas Blvd

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
C20800-13MS	M32485.D	1	03/14/12	XB	n/a	n/a	VM1021
C20800-13MSD	M32486.D	1	03/14/12	XB	n/a	n/a	VM1021
C20800-13	M32483.D	1	03/14/12	XB	n/a	n/a	VM1021

The QC reported here applies to the following samples: **Method:** SW846 8260B

C20832-26

CAS No.	Compound	C20800-13 ug/kg	Q	Spike ug/kg	MS ug/kg	MS %	MSD ug/kg	MSD %	RPD	Limits Rec/RPD
591-78-6	2-Hexanone	ND		156	175	112	167	107	5	60-130/30
87-68-3	Hexachlorobutadiene	ND		39.1	26.4	68	25.4	65	4	60-130/30
98-82-8	Isopropylbenzene	ND		39.1	30.8	79	30.7	79	0	60-130/30
99-87-6	p-Isopropyltoluene	ND		39.1	29.7	76	29.3	75	1	60-130/30
108-10-1	4-Methyl-2-pentanone	ND		156	166	106	160	103	4	60-130/30
74-83-9	Methyl bromide	ND		39.1	33.7	86	32.5	83	4	60-130/30
74-87-3	Methyl chloride	ND		39.1	40.2	103	38.0	97	6	60-130/30
74-95-3	Methylene bromide	ND		39.1	37.0	95	36.6	94	1	60-130/30
75-09-2	Methylene chloride	ND		39.1	32.2	82	32.2	83	0	60-130/30
78-93-3	Methyl ethyl ketone	ND		156	165	106	157	101	5	60-130/30
1634-04-4	Methyl Tert Butyl Ether	ND		39.1	38.5	99	38.9	100	1	60-130/30
91-20-3	Naphthalene	ND		39.1	35.4	91	35.8	92	1	60-130/30
103-65-1	n-Propylbenzene	ND		39.1	31.7	81	31.7	81	0	60-130/30
100-42-5	Styrene	ND		39.1	35.9	92	36.4	93	1	60-130/30
994-05-8	Tert-Amyl Methyl Ether	ND		39.1	37.4	96	37.6	96	1	60-130/30
75-65-0	Tert Butyl Alcohol	ND		195	192	98	196	101	2	60-130/30
630-20-6	1,1,1,2-Tetrachloroethane	ND		39.1	35.7	91	36.2	93	1	60-130/30
71-55-6	1,1,1-Trichloroethane	ND		39.1	36.6	94	35.6	91	3	60-130/30
79-34-5	1,1,2,2-Tetrachloroethane	ND		39.1	27.0	69	23.1	59* [a]	16	60-130/30
79-00-5	1,1,2-Trichloroethane	ND		39.1	37.2	95	37.1	95	0	60-130/30
87-61-6	1,2,3-Trichlorobenzene	ND		39.1	31.1	80	31.2	80	0	60-130/30
96-18-4	1,2,3-Trichloropropane	ND		39.1	38.8	99	39.5	101	2	60-130/30
120-82-1	1,2,4-Trichlorobenzene	ND		39.1	29.1	74	28.9	74	1	60-130/30
95-63-6	1,2,4-Trimethylbenzene	ND		39.1	32.2	82	32.4	83	1	60-130/30
108-67-8	1,3,5-Trimethylbenzene	ND		39.1	33.1	85	33.0	85	0	60-130/30
127-18-4	Tetrachloroethylene	ND		39.1	59.9	153* [a]	61.1	157* [a]	2	60-130/30
108-88-3	Toluene	ND		39.1	35.7	91	36.4	93	2	60-130/30
79-01-6	Trichloroethylene	ND		39.1	46.9	120	50.4	129	7	60-130/30
75-69-4	Trichlorofluoromethane	ND		39.1	36.6	94	34.0	87	7	60-130/30
75-01-4	Vinyl chloride	ND		39.1	42.7	109	39.9	102	7	60-130/30
1330-20-7	Xylene (total)	ND		117	105	90	106	91	1	60-130/30

CAS No.	Surrogate Recoveries	MS	MSD	C20800-13	Limits
1868-53-7	Dibromofluoromethane	93%	93%	92%	60-130%

Matrix Spike/Matrix Spike Duplicate Summary

Job Number: C20832
Account: ECASJ Engeo, Inc.
Project: 31 South Milpitas Blvd

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
C20800-13MS	M32485.D	1	03/14/12	XB	n/a	n/a	VM1021
C20800-13MSD	M32486.D	1	03/14/12	XB	n/a	n/a	VM1021
C20800-13	M32483.D	1	03/14/12	XB	n/a	n/a	VM1021

The QC reported here applies to the following samples: **Method:** SW846 8260B

C20832-26

CAS No.	Surrogate Recoveries	MS	MSD	C20800-13	Limits
2037-26-5	Toluene-D8	96%	97%	100%	60-130%
460-00-4	4-Bromofluorobenzene	103%	103%	96%	60-130%

(a) Outside laboratory control limits.

Northern California ACCUTEST LABORATORIES

GC Semi-volatiles

QC Data Summaries

Includes the following where applicable:

- Method Blank Summaries
- Blank Spike Summaries
- Matrix Spike and Duplicate Summaries

Method Blank Summary

Job Number: C20832
Account: ECASJ Engeo, Inc.
Project: 31 South Milpitas Blvd

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
OP5589-MB	MM005048.D	1	03/15/12	RV	03/15/12	OP5589	GMM128

The QC reported here applies to the following samples: **Method:** SW846 8081A

C20832-10, C20832-15, C20832-20, C20832-25

CAS No.	Compound	Result	RL	MDL	Units	Q
309-00-2	Aldrin	ND	3.3	0.40	ug/kg	
319-84-6	alpha-BHC	ND	3.3	0.37	ug/kg	
319-85-7	beta-BHC	ND	3.3	0.80	ug/kg	
319-86-8	delta-BHC	ND	3.3	0.40	ug/kg	
58-89-9	gamma-BHC (Lindane)	ND	3.3	0.40	ug/kg	
12789-03-6	Chlordane	ND	33	33	ug/kg	
60-57-1	Dieldrin	ND	3.3	0.60	ug/kg	
72-54-8	4,4'-DDD	ND	3.3	0.70	ug/kg	
72-55-9	4,4'-DDE	ND	3.3	0.60	ug/kg	
50-29-3	4,4'-DDT	ND	3.3	0.50	ug/kg	
72-20-8	Endrin	ND	3.3	0.60	ug/kg	
7421-93-4	Endrin aldehyde	ND	3.3	0.60	ug/kg	
959-98-8	Endosulfan-I	ND	3.3	0.57	ug/kg	
33213-65-9	Endosulfan-II	ND	3.3	0.60	ug/kg	
1031-07-8	Endosulfan sulfate	ND	3.3	0.57	ug/kg	
76-44-8	Heptachlor	ND	3.3	0.47	ug/kg	
1024-57-3	Heptachlor epoxide	ND	3.3	0.50	ug/kg	
72-43-5	Methoxychlor	ND	3.3	0.53	ug/kg	
8001-35-2	Toxaphene	ND	33	33	ug/kg	

CAS No.	Surrogate Recoveries		Limits
877-09-8	Tetrachloro-m-xylene	100%	35-132%
877-09-8	Tetrachloro-m-xylene	89%	35-132%
2051-24-3	Decachlorobiphenyl	123%	35-132%
2051-24-3	Decachlorobiphenyl	115%	35-132%

Method Blank Summary

Job Number: C20832
Account: ECASJ Engeo, Inc.
Project: 31 South Milpitas Blvd

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
OP5580-MB	GG32621.D	1	03/14/12	JH	03/14/12	OP5580	GGG871

The QC reported here applies to the following samples: **Method:** SW846 8015B M

C20832-1, C20832-2, C20832-3, C20832-4, C20832-5

CAS No.	Compound	Result	RL	MDL	Units	Q
	TPH (C10-C28)	ND	0.10	0.025	mg/l	
	TPH (> C28-C40)	ND	0.20	0.050	mg/l	

CAS No.	Surrogate Recoveries		Limits
630-01-3	Hexacosane	81%	45-140%

Blank Spike/Blank Spike Duplicate Summary

Job Number: C20832
Account: ECASJ Engeo, Inc.
Project: 31 South Milpitas Blvd

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
OP5589-BS	MM005049.D	1	03/15/12	RV	03/15/12	OP5589	GMM128
OP5589-BSD	MM005050.D	1	03/15/12	RV	03/15/12	OP5589	GMM128

The QC reported here applies to the following samples: **Method:** SW846 8081A

C20832-10, C20832-15, C20832-20, C20832-25

CAS No.	Compound	Spike ug/kg	BSP ug/kg	BSP %	BSD ug/kg	BSD %	RPD	Limits Rec/RPD
309-00-2	Aldrin	33.3	29.2	88	24.9	75	16	40-140/30
319-84-6	alpha-BHC	33.3	30.6	92	26.6	80	14	40-140/30
319-85-7	beta-BHC	33.3	32.5	98	28.2	85	14	40-140/30
319-86-8	delta-BHC	33.3	32.5	98	29.0	87	11	40-140/30
58-89-9	gamma-BHC (Lindane)	33.3	31.1	93	27.0	81	14	40-140/30
60-57-1	Dieldrin	33.3	33.9	102	32.3	97	5	40-140/30
72-54-8	4,4'-DDD	33.3	36.5	110	35.3	106	3	40-140/30
72-55-9	4,4'-DDE	33.3	31.4	94	28.9	87	8	40-140/30
50-29-3	4,4'-DDT	33.3	38.3	115	37.6	113	2	40-140/30
72-20-8	Endrin	33.3	37.4	112	36.0	108	4	40-140/30
7421-93-4	Endrin aldehyde	33.3	38.2	115	38.3	115	0	40-140/30
959-98-8	Endosulfan-I	33.3	34.7	104	32.4	97	7	40-140/30
33213-65-9	Endosulfan-II	33.3	36.5	110	36.5	110	0	40-140/30
1031-07-8	Endosulfan sulfate	33.3	37.9	114	37.8	113	0	40-140/30
76-44-8	Heptachlor	33.3	33.9	102	29.6	89	14	40-140/30
1024-57-3	Heptachlor epoxide	33.3	31.9	96	29.0	87	10	40-140/30
72-43-5	Methoxychlor	33.3	43.9	132	44.0	132	0	40-140/30

CAS No.	Surrogate Recoveries	BSP	BSD	Limits
877-09-8	Tetrachloro-m-xylene	94%	85%	35-132%
877-09-8	Tetrachloro-m-xylene	83%	75%	35-132%
2051-24-3	Decachlorobiphenyl	121%	120%	35-132%
2051-24-3	Decachlorobiphenyl	113%	112%	35-132%

Blank Spike/Blank Spike Duplicate Summary

Job Number: C20832
Account: ECASJ Engeo, Inc.
Project: 31 South Milpitas Blvd

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
OP5580-BS	GG32622.D	1	03/14/12	JH	03/14/12	OP5580	GGG871
OP5580-BSD	GG32623.D	1	03/14/12	JH	03/14/12	OP5580	GGG871

The QC reported here applies to the following samples: **Method:** SW846 8015B M

C20832-1, C20832-2, C20832-3, C20832-4, C20832-5

CAS No.	Compound	Spike mg/l	BSP mg/l	BSP %	BSD mg/l	BSD %	RPD	Limits Rec/RPD
	TPH (C10-C28)	1	0.677	68	0.760	76	12	45-140/30
	TPH (> C28-C40)	1	0.674	67	0.684	68	1	45-140/30

CAS No.	Surrogate Recoveries	BSP	BSD	Limits
630-01-3	Hexacosane	74%	74%	45-140%

Matrix Spike/Matrix Spike Duplicate Summary

Job Number: C20832
Account: ECASJ Engeo, Inc.
Project: 31 South Milpitas Blvd

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
OP5589-MS	MM005223.D	1	03/17/12	RV	03/16/12	OP5589	GMM130
OP5589-MSD	MM005224.D	1	03/17/12	RV	03/16/12	OP5589	GMM130
C20884-11	MM005221.D	1	03/17/12	RV	03/16/12	OP5589	GMM130

The QC reported here applies to the following samples: **Method:** SW846 8081A

C20832-10, C20832-15, C20832-20, C20832-25

CAS No.	Compound	C20884-11 ug/kg	Q	Spike ug/kg	MS ug/kg	MS %	MSD ug/kg	MSD %	RPD	Limits Rec/RPD
309-00-2	Aldrin	ND		33.3	24.7	74	26.4	80	7	40-140/40
319-84-6	alpha-BHC	ND		33.3	25.9	78	27.5	83	6	40-140/40
319-85-7	beta-BHC	ND		33.3	29.2	88	31.0	93	6	40-140/40
319-86-8	delta-BHC	ND		33.3	30.9	93	32.7	99	6	40-140/40
58-89-9	gamma-BHC (Lindane)	ND		33.3	26.1	78	27.8	84	6	40-140/40
60-57-1	Dieldrin	ND		33.3	28.8	87	30.5	92	6	40-140/40
72-54-8	4,4'-DDD	ND		33.3	32.6	98	34.6	104	6	40-140/40
72-55-9	4,4'-DDE	ND		33.3	30.8	93	32.6	98	6	40-140/40
50-29-3	4,4'-DDT	ND		33.3	29.6	89	31.6	95	7	40-140/40
72-20-8	Endrin	ND		33.3	29.2	88	30.9	93	6	40-140/40
7421-93-4	Endrin aldehyde	ND		33.3	32.8	99	35.3	106	7	40-140/40
959-98-8	Endosulfan-I	ND		33.3	27.3	82	29.2	88	7	40-140/40
33213-65-9	Endosulfan-II	ND		33.3	29.5	89	31.7	96	7	40-140/40
1031-07-8	Endosulfan sulfate	ND		33.3	35.2	106	37.1	112	5	40-140/40
76-44-8	Heptachlor	ND		33.3	26.6	80	28.4	86	7	40-140/40
1024-57-3	Heptachlor epoxide	ND		33.3	29.3	88	31.2	94	6	40-140/40
72-43-5	Methoxychlor	ND		33.3	34.2	103	36.4	110	6	40-140/40

CAS No.	Surrogate Recoveries	MS	MSD	C20884-11	Limits
877-09-8	Tetrachloro-m-xylene	82%	84%	79%	35-132%
877-09-8	Tetrachloro-m-xylene	78%	76%	73%	35-132%
2051-24-3	Decachlorobiphenyl	101%	103%	98%	35-132%
2051-24-3	Decachlorobiphenyl	111%	109%	104%	35-132%

Matrix Spike/Matrix Spike Duplicate Summary

Job Number: C20832
Account: ECASJ Engeo, Inc.
Project: 31 South Milpitas Blvd

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
OP5580-MS	HH020981.D	1	03/15/12	JH	03/15/12	OP5580	GHH694
OP5580-MSD	HH020982.D	1	03/15/12	JH	03/15/12	OP5580	GHH694
C20865-2	GG32657.D	1	03/15/12	JH	03/15/12	OP5580	GGG872

The QC reported here applies to the following samples: **Method:** SW846 8015B M

C20832-1, C20832-2, C20832-3, C20832-4, C20832-5

CAS No.	Compound	C20865-2 mg/l	Q	Spike mg/l	MS mg/l	MS %	MSD mg/l	MSD %	RPD	Limits Rec/RPD
	TPH (C10-C28)	0.684		1.89	2.34	88	2.75	109	16	45-140/25
	TPH (> C28-C40)	ND		1.89	0.978	52	1.14	60	15	45-140/25

CAS No.	Surrogate Recoveries	MS	MSD	C20865-2	Limits
630-01-3	Hexacosane	73%	85%	58%	45-140%

Northern California ACCUTEST LABORATORIES

Metals Analysis

QC Data Summaries

Includes the following where applicable:

- Method Blank Summaries
- Matrix Spike and Duplicate Summaries
- Blank Spike and Lab Control Sample Summaries
- Serial Dilution Summaries

BLANK RESULTS SUMMARY
Part 2 - Method Blanks

Login Number: C20832
Account: ECASJ - Engeo, Inc.
Project: 31 South Milpitas Blvd

QC Batch ID: MP4681
Matrix Type: SOLID

Methods: SW846 6010B
Units: mg/kg

Prep Date: 03/19/12

Metal	RL	IDL	MDL	MB raw	final
Aluminum	20	1.3	2		
Antimony	2.0	.07	.087		
Arsenic	2.0	.07	.07	-0.10	<2.0
Barium	20	.04	.035		
Beryllium	1.0	.02	.012		
Boron	10	.09	.2		
Cadmium	1.0	.02	.015		
Calcium	500	.71	7.6		
Chromium	1.0	.03	.054		
Cobalt	1.0	.02	.022		
Copper	2.5	.12	.19		
Iron	20	.64	1.6		
Lead	2.0	.07	.054		
Magnesium	500	2.7	1.5		
Manganese	1.5	.01	.054		
Molybdenum	2.0	.02	.024		
Nickel	1.0	.02	.024		
Potassium	1000	1.8	1.3		
Selenium	2.0	.18	.23		
Silicon		.12			
Silver	1.0	.03	.044		
Sodium	1000	1.5	4.8		
Strontium	1.0	.02	.017		
Thallium	2.0	.05	.073		
Tin	50	.02	.41		
Titanium	1.0	.04	.079		
Vanadium	1.0	.03	.025		
Zinc	2.0	.03	.098		

Associated samples MP4681: C20832-7, C20832-11, C20832-17, C20832-23

Results < IDL are shown as zero for calculation purposes
(*) Outside of QC limits
(anr) Analyte not requested

MATRIX SPIKE AND DUPLICATE RESULTS SUMMARY

Login Number: C20832
Account: ECASJ - Engeo, Inc.
Project: 31 South Milpitas Blvd

QC Batch ID: MP4681
Matrix Type: SOLID

Methods: SW846 6010B
Units: mg/kg

Prep Date: 03/19/12

Metal	C20784-12 Original	MS	Spikelot MPIR4A	% Rec	QC Limits
Aluminum					
Antimony	anr				
Arsenic	3.0	48.2	51	88.7	75-125
Barium	anr				
Beryllium	anr				
Boron					
Cadmium	anr				
Calcium					
Chromium	anr				
Cobalt	anr				
Copper	anr				
Iron					
Lead	anr				
Magnesium					
Manganese					
Molybdenum	anr				
Nickel	anr				
Potassium					
Selenium	anr				
Silicon					
Silver	anr				
Sodium					
Strontium					
Thallium	anr				
Tin					
Titanium					
Vanadium	anr				
Zinc	anr				

Associated samples MP4681: C20832-7, C20832-11, C20832-17, C20832-23

Results < IDL are shown as zero for calculation purposes
(*) Outside of QC limits
(N) Matrix Spike Rec. outside of QC limits
(anr) Analyte not requested

MATRIX SPIKE AND DUPLICATE RESULTS SUMMARY

Login Number: C20832
Account: ECASJ - Engeo, Inc.
Project: 31 South Milpitas Blvd

QC Batch ID: MP4681
Matrix Type: SOLID

Methods: SW846 6010B
Units: mg/kg

Prep Date: 03/19/12

Metal	C20784-12 Original	MSD	Spikelot MPIR4A	% Rec	MSD RPD	QC Limit
Aluminum						
Antimony	anr					
Arsenic	3.0	46.4	48.8	88.9	3.8	20
Barium	anr					
Beryllium	anr					
Boron						
Cadmium	anr					
Calcium						
Chromium	anr					
Cobalt	anr					
Copper	anr					
Iron						
Lead	anr					
Magnesium						
Manganese						
Molybdenum	anr					
Nickel	anr					
Potassium						
Selenium	anr					
Silicon						
Silver	anr					
Sodium						
Strontium						
Thallium	anr					
Tin						
Titanium						
Vanadium	anr					
Zinc	anr					

Associated samples MP4681: C20832-7, C20832-11, C20832-17, C20832-23

Results < IDL are shown as zero for calculation purposes
(*) Outside of QC limits
(N) Matrix Spike Rec. outside of QC limits
(anr) Analyte not requested

SPIKE BLANK AND LAB CONTROL SAMPLE SUMMARY

Login Number: C20832
Account: ECASJ - Engeo, Inc.
Project: 31 South Milpitas Blvd

QC Batch ID: MP4681
Matrix Type: SOLID

Methods: SW846 6010B
Units: mg/kg

Prep Date: 03/19/12

Metal	BSP Result	Spikelot MPIR4A	% Rec	QC Limits
Aluminum				
Antimony	anr			
Arsenic	46.0	50	92.0	80-120
Barium	anr			
Beryllium	anr			
Boron				
Cadmium	anr			
Calcium				
Chromium	anr			
Cobalt	anr			
Copper	anr			
Iron				
Lead	anr			
Magnesium				
Manganese				
Molybdenum	anr			
Nickel	anr			
Potassium				
Selenium	anr			
Silicon				
Silver	anr			
Sodium				
Strontium				
Thallium	anr			
Tin				
Titanium				
Vanadium	anr			
Zinc	anr			

Associated samples MP4681: C20832-7, C20832-11, C20832-17, C20832-23

Results < IDL are shown as zero for calculation purposes
(*) Outside of QC limits
(anr) Analyte not requested

SERIAL DILUTION RESULTS SUMMARY

Login Number: C20832
Account: ECASJ - Engeo, Inc.
Project: 31 South Milpitas Blvd

QC Batch ID: MP4681
Matrix Type: SOLID

Methods: SW846 6010B
Units: ug/l

Prep Date: 03/19/12

Metal	C20784-12 Original	SDL 1:5	%DIF	QC Limits
Aluminum				
Antimony	anr			
Arsenic	28.7	30.1	4.9	0-10
Barium	anr			
Beryllium	anr			
Boron				
Cadmium	anr			
Calcium				
Chromium	anr			
Cobalt	anr			
Copper	anr			
Iron				
Lead	anr			
Magnesium				
Manganese				
Molybdenum	anr			
Nickel	anr			
Potassium				
Selenium	anr			
Silicon				
Silver	anr			
Sodium				
Strontium				
Thallium	anr			
Tin				
Titanium				
Vanadium	anr			
Zinc	anr			

Associated samples MP4681: C20832-7, C20832-11, C20832-17, C20832-23

Results < IDL are shown as zero for calculation purposes
(*) Outside of QC limits
(anr) Analyte not requested

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3/20/2012
Mr. Scott Johns
Engeo Inc.
6399 San Ignacio Avenue
Suite 150
San Jose CA 95119

Project Name: 31 S. Milpitas Blvd
Project #: 9450000000
Workorder #: 1203264

Dear Mr. Scott Johns

The following report includes the data for the above referenced project for sample(s) received on 3/13/2012 at Air Toxics Ltd.

The data and associated QC analyzed by Modified TO-15 are compliant with the project requirements or laboratory criteria with the exception of the deviations noted in the attached case narrative.

Thank you for choosing Air Toxics Ltd. for your air analysis needs. Air Toxics Ltd. is committed to providing accurate data of the highest quality. Please feel free to contact the Project Manager: Kyle Vagadori at 916-985-1000 if you have any questions regarding the data in this report.

Regards,

Kyle Vagadori

Project Manager

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WORK ORDER #: 1203264

Work Order Summary

CLIENT:	Mr. Scott Johns Engeo Inc. 6399 San Ignacio Avenue Suite 150 San Jose, CA 95119	**BILL TO:**	Accounts Payable Engeo Inc. 2010 Crow Canyon Place Suite 250 San Ramon, CA 94583-1545
PHONE:	408-574-4900	**P.O. #**	9450000000
FAX:	408-574-4902	**PROJECT #**	9450000000 31 S. Milpitas Blvd
DATE RECEIVED:	03/13/2012	**CONTACT:**	Kyle Vagadori
DATE COMPLETED:	03/20/2012		

FRACTION #	NAME	TEST	RECEIPT VAC./PRES.	FINAL PRESSURE
01A	SG6	Modified TO-15	1.0 "Hg	5 psi
02A	SG3	Modified TO-15	21.6 "Hg	5 psi
03A	SG4	Modified TO-15	20.0 "Hg	5 psi
04A	SG-7	Modified TO-15	19.4 "Hg	5 psi
05A	SG-8	Modified TO-15	22.4 "Hg	5 psi
06A	SG-1	Modified TO-15	22.0 "Hg	5 psi
07A	Lab Blank	Modified TO-15	NA	NA
08A	CCV	Modified TO-15	NA	NA
09A	LCS	Modified TO-15	NA	NA
09AA	LCSD	Modified TO-15	NA	NA

CERTIFIED BY: Linda J. Freeman DATE: 03/20/12

Laboratory Director

Certfication numbers: AZ Licensure AZ0719, CA NELAP - 02110CA, LA NELAP - 02089,
NY NELAP - 11291, TX NELAP - T104704434-11-3, UT NELAP -CA009332011-1, WA NELAP - C935
Name of Accrediting Agency: NELAP/Florida Department of Health, Scope of Application: Clean Air Act,
Accreditation number: E87680, Effective date: 07/01/11 , Expiration date: 06/30/12.
Air Toxics Ltd. certifies that the test results contained in this report meet all requirements of the NELAC standards

This report shall not be reproduced, except in full, without the written approval of Eurofins | Air Toxics, Inc.

180 BLUE RAVINE ROAD, SUITE B FOLSOM, CA - 95630
(916) 985-1000 . (800) 985-5955 . FAX (916) 985-1020

LABORATORY NARRATIVE
EPA Method TO-15
Engeo Inc.
Workorder# 1203264

Six 1 Liter Summa Canister samples were received on March 13, 2012. The laboratory performed analysis via EPA Method TO-15 using GC/MS in the full scan mode.

This workorder was independently validated prior to submittal using 'USEPA National Functional Guidelines' as generally applied to the analysis of volatile organic compounds in air. A rules-based, logic driven, independent validation engine was employed to assess completeness, evaluate pass/fail of relevant project quality control requirements and verification of all quantified amounts.

Receiving Notes

Samples SG3, SG4, SG-7, SG-8 and SG-1 were received with significant vacuum remaining in the canister. The residual canister vacuum resulted in elevated reporting limits.

Analytical Notes

A single point calibration for TPH referenced to Gasoline was performed for each daily analytical batch. Recovery is reported as 100% in the associated results for each CCV.

Definition of Data Qualifying Flags

Eight qualifiers may have been used on the data analysis sheets and indicates as follows:

B - Compound present in laboratory blank greater than reporting limit (background subtraction not performed).
J - Estimated value.
E - Exceeds instrument calibration range.
S - Saturated peak.
Q - Exceeds quality control limits.
U - Compound analyzed for but not detected above the reporting limit.
UJ- Non-detected compound associated with low bias in the CCV and/or LCS.
N - The identification is based on presumptive evidence.

File extensions may have been used on the data analysis sheets and indicates as follows:
a-File was requantified
b-File was quantified by a second column and detector
r1-File was requantified for the purpose of reissue

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Summary of Detected Compounds
EPA METHOD TO-15 GC/MS FULL SCAN

Client Sample ID: SG6

Lab ID#: 1203264-01A

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (ug/m3)	Amount (ug/m3)
1,3-Butadiene	0.70	9.2	1.5	20
Ethanol	2.8	4.6	5.2	8.6
Carbon Disulfide	2.8	7.8	8.6	24
Hexane	0.70	60	2.4	210
2-Butanone (Methyl Ethyl Ketone)	2.8	11	8.2	32
Cyclohexane	0.70	16	2.4	57
2,2,4-Trimethylpentane	0.70	11	3.2	51
Benzene	0.70	4.2	2.2	13
Heptane	0.70	33	2.8	140
Toluene	0.70	4.3	2.6	16
m,p-Xylene	0.70	2.3	3.0	9.8
TPH ref. to Gasoline (MW=100)	35	2600	140	11000

Client Sample ID: SG3

Lab ID#: 1203264-02A

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (ug/m3)	Amount (ug/m3)
1,3-Butadiene	2.4	59	5.3	130
Acetone	24	150	57	350
Hexane	2.4	29	8.4	100
2-Butanone (Methyl Ethyl Ketone)	9.6	32	28	94
Cyclohexane	2.4	7.3	8.2	25
Benzene	2.4	15	7.6	47
Heptane	2.4	7.7	9.8	32
Toluene	2.4	7.8	9.0	29
m,p-Xylene	2.4	2.6	10	11
TPH ref. to Gasoline (MW=100)	120	1800	490	7400

Client Sample ID: SG4

Lab ID#: 1203264-03A

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (ug/m3)	Amount (ug/m3)
1,3-Butadiene	2.0	34	4.4	76

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Summary of Detected Compounds
EPA METHOD TO-15 GC/MS FULL SCAN

Client Sample ID: SG4

Lab ID#: 1203264-03A

Acetone	20	140	48	330
Hexane	2.0	27	7.1	95
2-Butanone (Methyl Ethyl Ketone)	8.0	33	24	96
Cyclohexane	2.0	14	6.9	49
Benzene	2.0	18	6.4	59
Heptane	2.0	9.7	8.2	40
4-Methyl-2-pentanone	2.0	2.8	8.2	12
Toluene	2.0	14	7.6	53
m,p-Xylene	2.0	3.9	8.7	17
TPH ref. to Gasoline (MW=100)	100	1600	410	6500

Client Sample ID: SG-7

Lab ID#: 1203264-04A

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (ug/m3)	Amount (ug/m3)
1,3-Butadiene	1.9	26	4.2	56
Acetone	19	100	45	250
Carbon Disulfide	7.6	7.8	24	24
Hexane	1.9	11	6.7	38
2-Butanone (Methyl Ethyl Ketone)	7.6	17	22	51
Tetrahydrofuran	1.9	140	5.6	430
Cyclohexane	1.9	5.6	6.5	19
Benzene	1.9	8.2	6.0	26
Heptane	1.9	3.3	7.8	13
Toluene	1.9	4.8	7.1	18
TPH ref. to Gasoline (MW=100)	95	930	390	3800

Client Sample ID: SG-8

Lab ID#: 1203264-05A

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (ug/m3)	Amount (ug/m3)
1,3-Butadiene	2.6	10	5.8	23
Hexane	2.6	20	9.3	70
Tetrahydrofuran	2.6	3.2	7.8	9.3

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Summary of Detected Compounds
EPA METHOD TO-15 GC/MS FULL SCAN

Client Sample ID: SG-8

Lab ID#: 1203264-05A

Cyclohexane	2.6	8.4	9.1	29
Benzene	2.6	6.6	8.4	21
Heptane	2.6	11	11	46
Toluene	2.6	8.5	10	32
m,p-Xylene	2.6	4.6	11	20
TPH ref. to Gasoline (MW=100)	130	1200	540	4900

Client Sample ID: SG-1

Lab ID#: 1203264-06A

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (ug/m3)	Amount (ug/m3)
1,3-Butadiene	2.5	48	5.6	110
Acetone	25	140	60	330
Hexane	2.5	37	8.9	130
2-Butanone (Methyl Ethyl Ketone)	10	26	30	76
Cyclohexane	2.5	7.7	8.6	26
Benzene	2.5	24	8.0	76
Heptane	2.5	12	10	50
Toluene	2.5	11	9.5	42
m,p-Xylene	2.5	2.7	11	12
TPH ref. to Gasoline (MW=100)	120	2000	510	8200

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Client Sample ID: SG6

Lab ID#: 1203264-01A

EPA METHOD TO-15 GC/MS FULL SCAN

File Name:	**2031427**	**Date of Collection:**	**3/12/12 11:15:00 AM**
Dil. Factor:	**1.39**	**Date of Analysis:**	**3/15/12 04:42 AM**

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (ug/m3)	Amount (ug/m3)
Freon 12	0.70	Not Detected	3.4	Not Detected
Freon 114	0.70	Not Detected	4.8	Not Detected
Chloromethane	7.0	Not Detected	14	Not Detected
Vinyl Chloride	0.70	Not Detected	1.8	Not Detected
1,3-Butadiene	0.70	9.2	1.5	20
Bromomethane	7.0	Not Detected	27	Not Detected
Chloroethane	2.8	Not Detected	7.3	Not Detected
Freon 11	0.70	Not Detected	3.9	Not Detected
Ethanol	2.8	4.6	5.2	8.6
Freon 113	0.70	Not Detected	5.3	Not Detected
1,1-Dichloroethene	0.70	Not Detected	2.8	Not Detected
Acetone	7.0	Not Detected	16	Not Detected
2-Propanol	2.8	Not Detected	6.8	Not Detected
Carbon Disulfide	2.8	7.8	8.6	24
3-Chloropropene	2.8	Not Detected	8.7	Not Detected
Methylene Chloride	7.0	Not Detected	24	Not Detected
Methyl tert-butyl ether	0.70	Not Detected	2.5	Not Detected
trans-1,2-Dichloroethene	0.70	Not Detected	2.8	Not Detected
Hexane	0.70	60	2.4	210
1,1-Dichloroethane	0.70	Not Detected	2.8	Not Detected
2-Butanone (Methyl Ethyl Ketone)	2.8	11	8.2	32
cis-1,2-Dichloroethene	0.70	Not Detected	2.8	Not Detected
Tetrahydrofuran	0.70	Not Detected	2.0	Not Detected
Chloroform	0.70	Not Detected	3.4	Not Detected
1,1,1-Trichloroethane	0.70	Not Detected	3.8	Not Detected
Cyclohexane	0.70	16	2.4	57
Carbon Tetrachloride	0.70	Not Detected	4.4	Not Detected
2,2,4-Trimethylpentane	0.70	11	3.2	51
Benzene	0.70	4.2	2.2	13
1,2-Dichloroethane	0.70	Not Detected	2.8	Not Detected
Heptane	0.70	33	2.8	140
Trichloroethene	0.70	Not Detected	3.7	Not Detected
1,2-Dichloropropane	0.70	Not Detected	3.2	Not Detected
1,4-Dioxane	2.8	Not Detected	10	Not Detected
Bromodichloromethane	0.70	Not Detected	4.6	Not Detected
cis-1,3-Dichloropropene	0.70	Not Detected	3.2	Not Detected
4-Methyl-2-pentanone	0.70	Not Detected	2.8	Not Detected
Toluene	0.70	4.3	2.6	16
trans-1,3-Dichloropropene	0.70	Not Detected	3.2	Not Detected
1,1,2-Trichloroethane	0.70	Not Detected	3.8	Not Detected
Tetrachloroethene	0.70	Not Detected	4.7	Not Detected
2-Hexanone	2.8	Not Detected	11	Not Detected

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Client Sample ID: SG6

Lab ID#: 1203264-01A

EPA METHOD TO-15 GC/MS FULL SCAN

File Name:	**2031427**	**Date of Collection:**	**3/12/12 11:15:00 AM**
Dil. Factor:	**1.39**	**Date of Analysis:**	**3/15/12 04:42 AM**

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (ug/m3)	Amount (ug/m3)
Dibromochloromethane	0.70	Not Detected	5.9	Not Detected
1,2-Dibromoethane (EDB)	0.70	Not Detected	5.3	Not Detected
Chlorobenzene	0.70	Not Detected	3.2	Not Detected
Ethyl Benzene	0.70	Not Detected	3.0	Not Detected
m,p-Xylene	0.70	2.3	3.0	9.8
o-Xylene	0.70	Not Detected	3.0	Not Detected
Styrene	0.70	Not Detected	3.0	Not Detected
Bromoform	0.70	Not Detected	7.2	Not Detected
Cumene	0.70	Not Detected	3.4	Not Detected
1,1,2,2-Tetrachloroethane	0.70	Not Detected	4.8	Not Detected
Propylbenzene	0.70	Not Detected	3.4	Not Detected
4-Ethyltoluene	0.70	Not Detected	3.4	Not Detected
1,3,5-Trimethylbenzene	0.70	Not Detected	3.4	Not Detected
1,2,4-Trimethylbenzene	0.70	Not Detected	3.4	Not Detected
1,3-Dichlorobenzene	0.70	Not Detected	4.2	Not Detected
1,4-Dichlorobenzene	0.70	Not Detected	4.2	Not Detected
alpha-Chlorotoluene	0.70	Not Detected	3.6	Not Detected
1,2-Dichlorobenzene	0.70	Not Detected	4.2	Not Detected
1,2,4-Trichlorobenzene	2.8	Not Detected	21	Not Detected
Hexachlorobutadiene	2.8	Not Detected	30	Not Detected
TPH ref. to Gasoline (MW=100)	35	2600	140	11000

Container Type: 1 Liter Summa Canister

Surrogates	%Recovery	Method Limits
Toluene-d8	97	70-130
1,2-Dichloroethane-d4	94	70-130
4-Bromofluorobenzene	99	70-130

eurofins | Air Toxics

Client Sample ID: SG3

Lab ID#: 1203264-02A

EPA METHOD TO-15 GC/MS FULL SCAN

File Name:	**2031428**	**Date of Collection:**	**3/12/12 1:15:00 AM**
Dil. Factor:	**4.79**	**Date of Analysis:**	**3/15/12 05:28 AM**

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (ug/m3)	Amount (ug/m3)
Freon 12	2.4	Not Detected	12	Not Detected
Freon 114	2.4	Not Detected	17	Not Detected
Chloromethane	24	Not Detected	49	Not Detected
Vinyl Chloride	2.4	Not Detected	6.1	Not Detected
1,3-Butadiene	2.4	59	5.3	130
Bromomethane	24	Not Detected	93	Not Detected
Chloroethane	9.6	Not Detected	25	Not Detected
Freon 11	2.4	Not Detected	13	Not Detected
Ethanol	9.6	Not Detected	18	Not Detected
Freon 113	2.4	Not Detected	18	Not Detected
1,1-Dichloroethene	2.4	Not Detected	9.5	Not Detected
Acetone	24	150	57	350
2-Propanol	9.6	Not Detected	24	Not Detected
Carbon Disulfide	9.6	Not Detected	30	Not Detected
3-Chloropropene	9.6	Not Detected	30	Not Detected
Methylene Chloride	24	Not Detected	83	Not Detected
Methyl tert-butyl ether	2.4	Not Detected	8.6	Not Detected
trans-1,2-Dichloroethene	2.4	Not Detected	9.5	Not Detected
Hexane	2.4	29	8.4	100
1,1-Dichloroethane	2.4	Not Detected	9.7	Not Detected
2-Butanone (Methyl Ethyl Ketone)	9.6	32	28	94
cis-1,2-Dichloroethene	2.4	Not Detected	9.5	Not Detected
Tetrahydrofuran	2.4	Not Detected	7.1	Not Detected
Chloroform	2.4	Not Detected	12	Not Detected
1,1,1-Trichloroethane	2.4	Not Detected	13	Not Detected
Cyclohexane	2.4	7.3	8.2	25
Carbon Tetrachloride	2.4	Not Detected	15	Not Detected
2,2,4-Trimethylpentane	2.4	Not Detected	11	Not Detected
Benzene	2.4	15	7.6	47
1,2-Dichloroethane	2.4	Not Detected	9.7	Not Detected
Heptane	2.4	7.7	9.8	32
Trichloroethene	2.4	Not Detected	13	Not Detected
1,2-Dichloropropane	2.4	Not Detected	11	Not Detected
1,4-Dioxane	9.6	Not Detected	34	Not Detected
Bromodichloromethane	2.4	Not Detected	16	Not Detected
cis-1,3-Dichloropropene	2.4	Not Detected	11	Not Detected
4-Methyl-2-pentanone	2.4	Not Detected	9.8	Not Detected
Toluene	2.4	7.8	9.0	29
trans-1,3-Dichloropropene	2.4	Not Detected	11	Not Detected
1,1,2-Trichloroethane	2.4	Not Detected	13	Not Detected
Tetrachloroethene	2.4	Not Detected	16	Not Detected
2-Hexanone	9.6	Not Detected	39	Not Detected

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Client Sample ID: SG3

Lab ID#: 1203264-02A

EPA METHOD TO-15 GC/MS FULL SCAN

File Name:	**2031428**	**Date of Collection:**	**3/12/12 1:15:00 AM**
Dil. Factor:	**4.79**	**Date of Analysis:**	**3/15/12 05:28 AM**

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (ug/m3)	Amount (ug/m3)
Dibromochloromethane	2.4	Not Detected	20	Not Detected
1,2-Dibromoethane (EDB)	2.4	Not Detected	18	Not Detected
Chlorobenzene	2.4	Not Detected	11	Not Detected
Ethyl Benzene	2.4	Not Detected	10	Not Detected
m,p-Xylene	2.4	2.6	10	11
o-Xylene	2.4	Not Detected	10	Not Detected
Styrene	2.4	Not Detected	10	Not Detected
Bromoform	2.4	Not Detected	25	Not Detected
Cumene	2.4	Not Detected	12	Not Detected
1,1,2,2-Tetrachloroethane	2.4	Not Detected	16	Not Detected
Propylbenzene	2.4	Not Detected	12	Not Detected
4-Ethyltoluene	2.4	Not Detected	12	Not Detected
1,3,5-Trimethylbenzene	2.4	Not Detected	12	Not Detected
1,2,4-Trimethylbenzene	2.4	Not Detected	12	Not Detected
1,3-Dichlorobenzene	2.4	Not Detected	14	Not Detected
1,4-Dichlorobenzene	2.4	Not Detected	14	Not Detected
alpha-Chlorotoluene	2.4	Not Detected	12	Not Detected
1,2-Dichlorobenzene	2.4	Not Detected	14	Not Detected
1,2,4-Trichlorobenzene	9.6	Not Detected	71	Not Detected
Hexachlorobutadiene	9.6	Not Detected	100	Not Detected
TPH ref. to Gasoline (MW=100)	120	1800	490	7400

Container Type: 1 Liter Summa Canister

Surrogates	%Recovery	Method Limits
Toluene-d8	96	70-130
1,2-Dichloroethane-d4	94	70-130
4-Bromofluorobenzene	91	70-130

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Client Sample ID: SG4

Lab ID#: 1203264-03A

EPA METHOD TO-15 GC/MS FULL SCAN

File Name:	**2031429**	**Date of Collection:**	**3/12/12 1:20:00 AM**
Dil. Factor:	**4.02**	**Date of Analysis:**	**3/15/12 06:03 AM**

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (ug/m3)	Amount (ug/m3)
Freon 12	2.0	Not Detected	9.9	Not Detected
Freon 114	2.0	Not Detected	14	Not Detected
Chloromethane	20	Not Detected	42	Not Detected
Vinyl Chloride	2.0	Not Detected	5.1	Not Detected
1,3-Butadiene	2.0	34	4.4	76
Bromomethane	20	Not Detected	78	Not Detected
Chloroethane	8.0	Not Detected	21	Not Detected
Freon 11	2.0	Not Detected	11	Not Detected
Ethanol	8.0	Not Detected	15	Not Detected
Freon 113	2.0	Not Detected	15	Not Detected
1,1-Dichloroethene	2.0	Not Detected	8.0	Not Detected
Acetone	20	140	48	330
2-Propanol	8.0	Not Detected	20	Not Detected
Carbon Disulfide	8.0	Not Detected	25	Not Detected
3-Chloropropene	8.0	Not Detected	25	Not Detected
Methylene Chloride	20	Not Detected	70	Not Detected
Methyl tert-butyl ether	2.0	Not Detected	7.2	Not Detected
trans-1,2-Dichloroethene	2.0	Not Detected	8.0	Not Detected
Hexane	2.0	27	7.1	95
1,1-Dichloroethane	2.0	Not Detected	8.1	Not Detected
2-Butanone (Methyl Ethyl Ketone)	8.0	33	24	96
cis-1,2-Dichloroethene	2.0	Not Detected	8.0	Not Detected
Tetrahydrofuran	2.0	Not Detected	5.9	Not Detected
Chloroform	2.0	Not Detected	9.8	Not Detected
1,1,1-Trichloroethane	2.0	Not Detected	11	Not Detected
Cyclohexane	2.0	14	6.9	49
Carbon Tetrachloride	2.0	Not Detected	13	Not Detected
2,2,4-Trimethylpentane	2.0	Not Detected	9.4	Not Detected
Benzene	2.0	18	6.4	59
1,2-Dichloroethane	2.0	Not Detected	8.1	Not Detected
Heptane	2.0	9.7	8.2	40
Trichloroethene	2.0	Not Detected	11	Not Detected
1,2-Dichloropropane	2.0	Not Detected	9.3	Not Detected
1,4-Dioxane	8.0	Not Detected	29	Not Detected
Bromodichloromethane	2.0	Not Detected	13	Not Detected
cis-1,3-Dichloropropene	2.0	Not Detected	9.1	Not Detected
4-Methyl-2-pentanone	2.0	2.8	8.2	12
Toluene	2.0	14	7.6	53
trans-1,3-Dichloropropene	2.0	Not Detected	9.1	Not Detected
1,1,2-Trichloroethane	2.0	Not Detected	11	Not Detected
Tetrachloroethene	2.0	Not Detected	14	Not Detected
2-Hexanone	8.0	Not Detected	33	Not Detected

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Client Sample ID: SG4

Lab ID#: 1203264-03A

EPA METHOD TO-15 GC/MS FULL SCAN

File Name:	**2031429**	**Date of Collection:**	**3/12/12 1:20:00 AM**
Dil. Factor:	**4.02**	**Date of Analysis:**	**3/15/12 06:03 AM**

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (ug/m3)	Amount (ug/m3)
Dibromochloromethane	2.0	Not Detected	17	Not Detected
1,2-Dibromoethane (EDB)	2.0	Not Detected	15	Not Detected
Chlorobenzene	2.0	Not Detected	9.2	Not Detected
Ethyl Benzene	2.0	Not Detected	8.7	Not Detected
m,p-Xylene	2.0	3.9	8.7	17
o-Xylene	2.0	Not Detected	8.7	Not Detected
Styrene	2.0	Not Detected	8.6	Not Detected
Bromoform	2.0	Not Detected	21	Not Detected
Cumene	2.0	Not Detected	9.9	Not Detected
1,1,2,2-Tetrachloroethane	2.0	Not Detected	14	Not Detected
Propylbenzene	2.0	Not Detected	9.9	Not Detected
4-Ethyltoluene	2.0	Not Detected	9.9	Not Detected
1,3,5-Trimethylbenzene	2.0	Not Detected	9.9	Not Detected
1,2,4-Trimethylbenzene	2.0	Not Detected	9.9	Not Detected
1,3-Dichlorobenzene	2.0	Not Detected	12	Not Detected
1,4-Dichlorobenzene	2.0	Not Detected	12	Not Detected
alpha-Chlorotoluene	2.0	Not Detected	10	Not Detected
1,2-Dichlorobenzene	2.0	Not Detected	12	Not Detected
1,2,4-Trichlorobenzene	8.0	Not Detected	60	Not Detected
Hexachlorobutadiene	8.0	Not Detected	86	Not Detected
TPH ref. to Gasoline (MW=100)	100	1600	410	6500

Container Type: 1 Liter Summa Canister

Surrogates	%Recovery	Method Limits
Toluene-d8	97	70-130
1,2-Dichloroethane-d4	92	70-130
4-Bromofluorobenzene	96	70-130

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Client Sample ID: SG-7

Lab ID#: 1203264-04A

EPA METHOD TO-15 GC/MS FULL SCAN

File Name:	**2031430**	**Date of Collection:**	**3/12/12 1:30:00 AM**
Dil. Factor:	**3.79**	**Date of Analysis:**	**3/15/12 06:42 AM**

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (ug/m3)	Amount (ug/m3)
Freon 12	1.9	Not Detected	9.4	Not Detected
Freon 114	1.9	Not Detected	13	Not Detected
Chloromethane	19	Not Detected	39	Not Detected
Vinyl Chloride	1.9	Not Detected	4.8	Not Detected
1,3-Butadiene	1.9	26	4.2	56
Bromomethane	19	Not Detected	74	Not Detected
Chloroethane	7.6	Not Detected	20	Not Detected
Freon 11	1.9	Not Detected	11	Not Detected
Ethanol	7.6	Not Detected	14	Not Detected
Freon 113	1.9	Not Detected	14	Not Detected
1,1-Dichloroethene	1.9	Not Detected	7.5	Not Detected
Acetone	19	100	45	250
2-Propanol	7.6	Not Detected	19	Not Detected
Carbon Disulfide	7.6	7.8	24	24
3-Chloropropene	7.6	Not Detected	24	Not Detected
Methylene Chloride	19	Not Detected	66	Not Detected
Methyl tert-butyl ether	1.9	Not Detected	6.8	Not Detected
trans-1,2-Dichloroethene	1.9	Not Detected	7.5	Not Detected
Hexane	1.9	11	6.7	38
1,1-Dichloroethane	1.9	Not Detected	7.7	Not Detected
2-Butanone (Methyl Ethyl Ketone)	7.6	17	22	51
cis-1,2-Dichloroethene	1.9	Not Detected	7.5	Not Detected
Tetrahydrofuran	1.9	140	5.6	430
Chloroform	1.9	Not Detected	9.2	Not Detected
1,1,1-Trichloroethane	1.9	Not Detected	10	Not Detected
Cyclohexane	1.9	5.6	6.5	19
Carbon Tetrachloride	1.9	Not Detected	12	Not Detected
2,2,4-Trimethylpentane	1.9	Not Detected	8.8	Not Detected
Benzene	1.9	8.2	6.0	26
1,2-Dichloroethane	1.9	Not Detected	7.7	Not Detected
Heptane	1.9	3.3	7.8	13
Trichloroethene	1.9	Not Detected	10	Not Detected
1,2-Dichloropropane	1.9	Not Detected	8.8	Not Detected
1,4-Dioxane	7.6	Not Detected	27	Not Detected
Bromodichloromethane	1.9	Not Detected	13	Not Detected
cis-1,3-Dichloropropene	1.9	Not Detected	8.6	Not Detected
4-Methyl-2-pentanone	1.9	Not Detected	7.8	Not Detected
Toluene	1.9	4.8	7.1	18
trans-1,3-Dichloropropene	1.9	Not Detected	8.6	Not Detected
1,1,2-Trichloroethane	1.9	Not Detected	10	Not Detected
Tetrachloroethene	1.9	Not Detected	13	Not Detected
2-Hexanone	7.6	Not Detected	31	Not Detected

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Client Sample ID: SG-7

Lab ID#: 1203264-04A

EPA METHOD TO-15 GC/MS FULL SCAN

File Name:	**2031430**	**Date of Collection:**	**3/12/12 1:30:00 AM**
Dil. Factor:	**3.79**	**Date of Analysis:**	**3/15/12 06:42 AM**

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (ug/m3)	Amount (ug/m3)
Dibromochloromethane	1.9	Not Detected	16	Not Detected
1,2-Dibromoethane (EDB)	1.9	Not Detected	14	Not Detected
Chlorobenzene	1.9	Not Detected	8.7	Not Detected
Ethyl Benzene	1.9	Not Detected	8.2	Not Detected
m,p-Xylene	1.9	Not Detected	8.2	Not Detected
o-Xylene	1.9	Not Detected	8.2	Not Detected
Styrene	1.9	Not Detected	8.1	Not Detected
Bromoform	1.9	Not Detected	20	Not Detected
Cumene	1.9	Not Detected	9.3	Not Detected
1,1,2,2-Tetrachloroethane	1.9	Not Detected	13	Not Detected
Propylbenzene	1.9	Not Detected	9.3	Not Detected
4-Ethyltoluene	1.9	Not Detected	9.3	Not Detected
1,3,5-Trimethylbenzene	1.9	Not Detected	9.3	Not Detected
1,2,4-Trimethylbenzene	1.9	Not Detected	9.3	Not Detected
1,3-Dichlorobenzene	1.9	Not Detected	11	Not Detected
1,4-Dichlorobenzene	1.9	Not Detected	11	Not Detected
alpha-Chlorotoluene	1.9	Not Detected	9.8	Not Detected
1,2-Dichlorobenzene	1.9	Not Detected	11	Not Detected
1,2,4-Trichlorobenzene	7.6	Not Detected	56	Not Detected
Hexachlorobutadiene	7.6	Not Detected	81	Not Detected
TPH ref. to Gasoline (MW=100)	95	930	390	3800

Container Type: 1 Liter Summa Canister

Surrogates	%Recovery	Method Limits
Toluene-d8	98	70-130
1,2-Dichloroethane-d4	96	70-130
4-Bromofluorobenzene	97	70-130

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Client Sample ID: SG-8

Lab ID#: 1203264-05A

EPA METHOD TO-15 GC/MS FULL SCAN

File Name:	**2031431**	**Date of Collection:**	**3/12/12 1:41:00 AM**
Dil. Factor:	**5.29**	**Date of Analysis:**	**3/15/12 07:39 AM**

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (ug/m3)	Amount (ug/m3)
Freon 12	2.6	Not Detected	13	Not Detected
Freon 114	2.6	Not Detected	18	Not Detected
Chloromethane	26	Not Detected	55	Not Detected
Vinyl Chloride	2.6	Not Detected	6.8	Not Detected
1,3-Butadiene	2.6	10	5.8	23
Bromomethane	26	Not Detected	100	Not Detected
Chloroethane	10	Not Detected	28	Not Detected
Freon 11	2.6	Not Detected	15	Not Detected
Ethanol	10	Not Detected	20	Not Detected
Freon 113	2.6	Not Detected	20	Not Detected
1,1-Dichloroethene	2.6	Not Detected	10	Not Detected
Acetone	26	Not Detected	63	Not Detected
2-Propanol	10	Not Detected	26	Not Detected
Carbon Disulfide	10	Not Detected	33	Not Detected
3-Chloropropene	10	Not Detected	33	Not Detected
Methylene Chloride	26	Not Detected	92	Not Detected
Methyl tert-butyl ether	2.6	Not Detected	9.5	Not Detected
trans-1,2-Dichloroethene	2.6	Not Detected	10	Not Detected
Hexane	2.6	20	9.3	70
1,1-Dichloroethane	2.6	Not Detected	11	Not Detected
2-Butanone (Methyl Ethyl Ketone)	10	Not Detected	31	Not Detected
cis-1,2-Dichloroethene	2.6	Not Detected	10	Not Detected
Tetrahydrofuran	2.6	3.2	7.8	9.3
Chloroform	2.6	Not Detected	13	Not Detected
1,1,1-Trichloroethane	2.6	Not Detected	14	Not Detected
Cyclohexane	2.6	8.4	9.1	29
Carbon Tetrachloride	2.6	Not Detected	17	Not Detected
2,2,4-Trimethylpentane	2.6	Not Detected	12	Not Detected
Benzene	2.6	6.6	8.4	21
1,2-Dichloroethane	2.6	Not Detected	11	Not Detected
Heptane	2.6	11	11	46
Trichloroethene	2.6	Not Detected	14	Not Detected
1,2-Dichloropropane	2.6	Not Detected	12	Not Detected
1,4-Dioxane	10	Not Detected	38	Not Detected
Bromodichloromethane	2.6	Not Detected	18	Not Detected
cis-1,3-Dichloropropene	2.6	Not Detected	12	Not Detected
4-Methyl-2-pentanone	2.6	Not Detected	11	Not Detected
Toluene	2.6	8.5	10	32
trans-1,3-Dichloropropene	2.6	Not Detected	12	Not Detected
1,1,2-Trichloroethane	2.6	Not Detected	14	Not Detected
Tetrachloroethene	2.6	Not Detected	18	Not Detected
2-Hexanone	10	Not Detected	43	Not Detected

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Client Sample ID: SG-8

Lab ID#: 1203264-05A

EPA METHOD TO-15 GC/MS FULL SCAN

File Name:	**2031431**	**Date of Collection:**	**3/12/12 1:41:00 AM**
Dil. Factor:	**5.29**	**Date of Analysis:**	**3/15/12 07:39 AM**

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (ug/m3)	Amount (ug/m3)
Dibromochloromethane	2.6	Not Detected	22	Not Detected
1,2-Dibromoethane (EDB)	2.6	Not Detected	20	Not Detected
Chlorobenzene	2.6	Not Detected	12	Not Detected
Ethyl Benzene	2.6	Not Detected	11	Not Detected
m,p-Xylene	2.6	4.6	11	20
o-Xylene	2.6	Not Detected	11	Not Detected
Styrene	2.6	Not Detected	11	Not Detected
Bromoform	2.6	Not Detected	27	Not Detected
Cumene	2.6	Not Detected	13	Not Detected
1,1,2,2-Tetrachloroethane	2.6	Not Detected	18	Not Detected
Propylbenzene	2.6	Not Detected	13	Not Detected
4-Ethyltoluene	2.6	Not Detected	13	Not Detected
1,3,5-Trimethylbenzene	2.6	Not Detected	13	Not Detected
1,2,4-Trimethylbenzene	2.6	Not Detected	13	Not Detected
1,3-Dichlorobenzene	2.6	Not Detected	16	Not Detected
1,4-Dichlorobenzene	2.6	Not Detected	16	Not Detected
alpha-Chlorotoluene	2.6	Not Detected	14	Not Detected
1,2-Dichlorobenzene	2.6	Not Detected	16	Not Detected
1,2,4-Trichlorobenzene	10	Not Detected	78	Not Detected
Hexachlorobutadiene	10	Not Detected	110	Not Detected
TPH ref. to Gasoline (MW=100)	130	1200	540	4900

Container Type: 1 Liter Summa Canister

Surrogates	%Recovery	Method Limits
Toluene-d8	97	70-130
1,2-Dichloroethane-d4	91	70-130
4-Bromofluorobenzene	100	70-130

eurofins | Air Toxics

Client Sample ID: SG-1

Lab ID#: 1203264-06A

EPA METHOD TO-15 GC/MS FULL SCAN

File Name:	**2031432**	**Date of Collection:**	**3/12/12 1:05:00 AM**
Dil. Factor:	**5.03**	**Date of Analysis:**	**3/15/12 08:14 AM**

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (ug/m3)	Amount (ug/m3)
Freon 12	2.5	Not Detected	12	Not Detected
Freon 114	2.5	Not Detected	18	Not Detected
Chloromethane	25	Not Detected	52	Not Detected
Vinyl Chloride	2.5	Not Detected	6.4	Not Detected
1,3-Butadiene	2.5	48	5.6	110
Bromomethane	25	Not Detected	98	Not Detected
Chloroethane	10	Not Detected	26	Not Detected
Freon 11	2.5	Not Detected	14	Not Detected
Ethanol	10	Not Detected	19	Not Detected
Freon 113	2.5	Not Detected	19	Not Detected
1,1-Dichloroethene	2.5	Not Detected	10	Not Detected
Acetone	25	140	60	330
2-Propanol	10	Not Detected	25	Not Detected
Carbon Disulfide	10	Not Detected	31	Not Detected
3-Chloropropene	10	Not Detected	31	Not Detected
Methylene Chloride	25	Not Detected	87	Not Detected
Methyl tert-butyl ether	2.5	Not Detected	9.1	Not Detected
trans-1,2-Dichloroethene	2.5	Not Detected	10	Not Detected
Hexane	2.5	37	8.9	130
1,1-Dichloroethane	2.5	Not Detected	10	Not Detected
2-Butanone (Methyl Ethyl Ketone)	10	26	30	76
cis-1,2-Dichloroethene	2.5	Not Detected	10	Not Detected
Tetrahydrofuran	2.5	Not Detected	7.4	Not Detected
Chloroform	2.5	Not Detected	12	Not Detected
1,1,1-Trichloroethane	2.5	Not Detected	14	Not Detected
Cyclohexane	2.5	7.7	8.6	26
Carbon Tetrachloride	2.5	Not Detected	16	Not Detected
2,2,4-Trimethylpentane	2.5	Not Detected	12	Not Detected
Benzene	2.5	24	8.0	76
1,2-Dichloroethane	2.5	Not Detected	10	Not Detected
Heptane	2.5	12	10	50
Trichloroethene	2.5	Not Detected	14	Not Detected
1,2-Dichloropropane	2.5	Not Detected	12	Not Detected
1,4-Dioxane	10	Not Detected	36	Not Detected
Bromodichloromethane	2.5	Not Detected	17	Not Detected
cis-1,3-Dichloropropene	2.5	Not Detected	11	Not Detected
4-Methyl-2-pentanone	2.5	Not Detected	10	Not Detected
Toluene	2.5	11	9.5	42
trans-1,3-Dichloropropene	2.5	Not Detected	11	Not Detected
1,1,2-Trichloroethane	2.5	Not Detected	14	Not Detected
Tetrachloroethene	2.5	Not Detected	17	Not Detected
2-Hexanone	10	Not Detected	41	Not Detected

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Client Sample ID: SG-1

Lab ID#: 1203264-06A

EPA METHOD TO-15 GC/MS FULL SCAN

File Name:	**2031432**	**Date of Collection:**	**3/12/12 1:05:00 AM**
Dil. Factor:	**5.03**	**Date of Analysis:**	**3/15/12 08:14 AM**

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (ug/m3)	Amount (ug/m3)
Dibromochloromethane	2.5	Not Detected	21	Not Detected
1,2-Dibromoethane (EDB)	2.5	Not Detected	19	Not Detected
Chlorobenzene	2.5	Not Detected	12	Not Detected
Ethyl Benzene	2.5	Not Detected	11	Not Detected
m,p-Xylene	2.5	2.7	11	12
o-Xylene	2.5	Not Detected	11	Not Detected
Styrene	2.5	Not Detected	11	Not Detected
Bromoform	2.5	Not Detected	26	Not Detected
Cumene	2.5	Not Detected	12	Not Detected
1,1,2,2-Tetrachloroethane	2.5	Not Detected	17	Not Detected
Propylbenzene	2.5	Not Detected	12	Not Detected
4-Ethyltoluene	2.5	Not Detected	12	Not Detected
1,3,5-Trimethylbenzene	2.5	Not Detected	12	Not Detected
1,2,4-Trimethylbenzene	2.5	Not Detected	12	Not Detected
1,3-Dichlorobenzene	2.5	Not Detected	15	Not Detected
1,4-Dichlorobenzene	2.5	Not Detected	15	Not Detected
alpha-Chlorotoluene	2.5	Not Detected	13	Not Detected
1,2-Dichlorobenzene	2.5	Not Detected	15	Not Detected
1,2,4-Trichlorobenzene	10	Not Detected	75	Not Detected
Hexachlorobutadiene	10	Not Detected	110	Not Detected
TPH ref. to Gasoline (MW=100)	120	2000	510	8200

Container Type: 1 Liter Summa Canister

Surrogates	%Recovery	Method Limits
Toluene-d8	98	70-130
1,2-Dichloroethane-d4	94	70-130
4-Bromofluorobenzene	99	70-130

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Client Sample ID: Lab Blank

Lab ID#: 1203264-07A

EPA METHOD TO-15 GC/MS FULL SCAN

File Name:	**2031408**	**Date of Collection: NA**	
Dil. Factor:	**1.00**	**Date of Analysis: 3/14/12 12:49 PM**	

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (ug/m3)	Amount (ug/m3)
Freon 12	0.50	Not Detected	2.5	Not Detected
Freon 114	0.50	Not Detected	3.5	Not Detected
Chloromethane	5.0	Not Detected	10	Not Detected
Vinyl Chloride	0.50	Not Detected	1.3	Not Detected
1,3-Butadiene	0.50	Not Detected	1.1	Not Detected
Bromomethane	5.0	Not Detected	19	Not Detected
Chloroethane	2.0	Not Detected	5.3	Not Detected
Freon 11	0.50	Not Detected	2.8	Not Detected
Ethanol	2.0	Not Detected	3.8	Not Detected
Freon 113	0.50	Not Detected	3.8	Not Detected
1,1-Dichloroethene	0.50	Not Detected	2.0	Not Detected
Acetone	5.0	Not Detected	12	Not Detected
2-Propanol	2.0	Not Detected	4.9	Not Detected
Carbon Disulfide	2.0	Not Detected	6.2	Not Detected
3-Chloropropene	2.0	Not Detected	6.3	Not Detected
Methylene Chloride	5.0	Not Detected	17	Not Detected
Methyl tert-butyl ether	0.50	Not Detected	1.8	Not Detected
trans-1,2-Dichloroethene	0.50	Not Detected	2.0	Not Detected
Hexane	0.50	Not Detected	1.8	Not Detected
1,1-Dichloroethane	0.50	Not Detected	2.0	Not Detected
2-Butanone (Methyl Ethyl Ketone)	2.0	Not Detected	5.9	Not Detected
cis-1,2-Dichloroethene	0.50	Not Detected	2.0	Not Detected
Tetrahydrofuran	0.50	Not Detected	1.5	Not Detected
Chloroform	0.50	Not Detected	2.4	Not Detected
1,1,1-Trichloroethane	0.50	Not Detected	2.7	Not Detected
Cyclohexane	0.50	Not Detected	1.7	Not Detected
Carbon Tetrachloride	0.50	Not Detected	3.1	Not Detected
2,2,4-Trimethylpentane	0.50	Not Detected	2.3	Not Detected
Benzene	0.50	Not Detected	1.6	Not Detected
1,2-Dichloroethane	0.50	Not Detected	2.0	Not Detected
Heptane	0.50	Not Detected	2.0	Not Detected
Trichloroethene	0.50	Not Detected	2.7	Not Detected
1,2-Dichloropropane	0.50	Not Detected	2.3	Not Detected
1,4-Dioxane	2.0	Not Detected	7.2	Not Detected
Bromodichloromethane	0.50	Not Detected	3.4	Not Detected
cis-1,3-Dichloropropene	0.50	Not Detected	2.3	Not Detected
4-Methyl-2-pentanone	0.50	Not Detected	2.0	Not Detected
Toluene	0.50	Not Detected	1.9	Not Detected
trans-1,3-Dichloropropene	0.50	Not Detected	2.3	Not Detected
1,1,2-Trichloroethane	0.50	Not Detected	2.7	Not Detected
Tetrachloroethene	0.50	Not Detected	3.4	Not Detected
2-Hexanone	2.0	Not Detected	8.2	Not Detected

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Client Sample ID: Lab Blank

Lab ID#: 1203264-07A

EPA METHOD TO-15 GC/MS FULL SCAN

File Name:	**2031408**	**Date of Collection: NA**	
Dil. Factor:	**1.00**	**Date of Analysis: 3/14/12 12:49 PM**	

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (ug/m3)	Amount (ug/m3)
Dibromochloromethane	0.50	Not Detected	4.2	Not Detected
1,2-Dibromoethane (EDB)	0.50	Not Detected	3.8	Not Detected
Chlorobenzene	0.50	Not Detected	2.3	Not Detected
Ethyl Benzene	0.50	Not Detected	2.2	Not Detected
m,p-Xylene	0.50	Not Detected	2.2	Not Detected
o-Xylene	0.50	Not Detected	2.2	Not Detected
Styrene	0.50	Not Detected	2.1	Not Detected
Bromoform	0.50	Not Detected	5.2	Not Detected
Cumene	0.50	Not Detected	2.4	Not Detected
1,1,2,2-Tetrachloroethane	0.50	Not Detected	3.4	Not Detected
Propylbenzene	0.50	Not Detected	2.4	Not Detected
4-Ethyltoluene	0.50	Not Detected	2.4	Not Detected
1,3,5-Trimethylbenzene	0.50	Not Detected	2.4	Not Detected
1,2,4-Trimethylbenzene	0.50	Not Detected	2.4	Not Detected
1,3-Dichlorobenzene	0.50	Not Detected	3.0	Not Detected
1,4-Dichlorobenzene	0.50	Not Detected	3.0	Not Detected
alpha-Chlorotoluene	0.50	Not Detected	2.6	Not Detected
1,2-Dichlorobenzene	0.50	Not Detected	3.0	Not Detected
1,2,4-Trichlorobenzene	2.0	Not Detected	15	Not Detected
Hexachlorobutadiene	2.0	Not Detected	21	Not Detected
TPH ref. to Gasoline (MW=100)	25	Not Detected	100	Not Detected

Container Type: NA - Not Applicable

Surrogates	%Recovery	Method Limits
Toluene-d8	100	70-130
1,2-Dichloroethane-d4	93	70-130
4-Bromofluorobenzene	100	70-130

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Client Sample ID: CCV

Lab ID#: 1203264-08A

EPA METHOD TO-15 GC/MS FULL SCAN

File Name:	**2031402**	**Date of Collection: NA**	
Dil. Factor:	**1.00**	**Date of Analysis: 3/14/12 08:58 AM**	

Compound	%Recovery
Freon 12	98
Freon 114	103
Chloromethane	109
Vinyl Chloride	109
1,3-Butadiene	101
Bromomethane	108
Chloroethane	104
Freon 11	94
Ethanol	95
Freon 113	99
1,1-Dichloroethene	104
Acetone	103
2-Propanol	100
Carbon Disulfide	89
3-Chloropropene	104
Methylene Chloride	102
Methyl tert-butyl ether	102
trans-1,2-Dichloroethene	99
Hexane	102
1,1-Dichloroethane	99
2-Butanone (Methyl Ethyl Ketone)	103
cis-1,2-Dichloroethene	103
Tetrahydrofuran	103
Chloroform	95
1,1,1-Trichloroethane	96
Cyclohexane	106
Carbon Tetrachloride	99
2,2,4-Trimethylpentane	102
Benzene	98
1,2-Dichloroethane	90
Heptane	104
Trichloroethene	97
1,2-Dichloropropane	99
1,4-Dioxane	100
Bromodichloromethane	97
cis-1,3-Dichloropropene	104
4-Methyl-2-pentanone	106
Toluene	96
trans-1,3-Dichloropropene	110
1,1,2-Trichloroethane	104
Tetrachloroethene	101
2-Hexanone	110

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Client Sample ID: CCV

Lab ID#: 1203264-08A

EPA METHOD TO-15 GC/MS FULL SCAN

File Name:	**2031402**	**Date of Collection: NA**	
Dil. Factor:	**1.00**	**Date of Analysis: 3/14/12 08:58 AM**	

Compound	**%Recovery**
Dibromochloromethane	105
1,2-Dibromoethane (EDB)	102
Chlorobenzene	101
Ethyl Benzene	104
m,p-Xylene	106
o-Xylene	102
Styrene	108
Bromoform	107
Cumene	103
1,1,2,2-Tetrachloroethane	98
Propylbenzene	106
4-Ethyltoluene	105
1,3,5-Trimethylbenzene	106
1,2,4-Trimethylbenzene	108
1,3-Dichlorobenzene	101
1,4-Dichlorobenzene	98
alpha-Chlorotoluene	114
1,2-Dichlorobenzene	98
1,2,4-Trichlorobenzene	103
Hexachlorobutadiene	98
TPH ref. to Gasoline (MW=100)	100

Container Type: NA - Not Applicable

Surrogates	**%Recovery**	**Method Limits**
Toluene-d8	98	70-130
1,2-Dichloroethane-d4	94	70-130
4-Bromofluorobenzene	102	70-130

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Client Sample ID: LCS

Lab ID#: 1203264-09A

EPA METHOD TO-15 GC/MS FULL SCAN

File Name:	**2031403**	**Date of Collection: NA**	
Dil. Factor:	**1.00**	**Date of Analysis: 3/14/12 09:36 AM**	

Compound	%Recovery
Freon 12	92
Freon 114	96
Chloromethane	103
Vinyl Chloride	103
1,3-Butadiene	94
Bromomethane	103
Chloroethane	97
Freon 11	90
Ethanol	89
Freon 113	96
1,1-Dichloroethene	108
Acetone	103
2-Propanol	98
Carbon Disulfide	107
3-Chloropropene	115
Methylene Chloride	96
Methyl tert-butyl ether	102
trans-1,2-Dichloroethene	107
Hexane	97
1,1-Dichloroethane	96
2-Butanone (Methyl Ethyl Ketone)	100
cis-1,2-Dichloroethene	102
Tetrahydrofuran	98
Chloroform	93
1,1,1-Trichloroethane	95
Cyclohexane	103
Carbon Tetrachloride	97
2,2,4-Trimethylpentane	97
Benzene	103
1,2-Dichloroethane	93
Heptane	106
Trichloroethene	101
1,2-Dichloropropane	102
1,4-Dioxane	101
Bromodichloromethane	102
cis-1,3-Dichloropropene	109
4-Methyl-2-pentanone	107
Toluene	98
trans-1,3-Dichloropropene	113
1,1,2-Trichloroethane	105
Tetrachloroethene	101
2-Hexanone	107

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Client Sample ID: LCS

Lab ID#: 1203264-09A

EPA METHOD TO-15 GC/MS FULL SCAN

File Name:	**2031403**	**Date of Collection: NA**	
Dil. Factor:	**1.00**	**Date of Analysis: 3/14/12 09:36 AM**	

Compound	**%Recovery**
Dibromochloromethane	105
1,2-Dibromoethane (EDB)	105
Chlorobenzene	103
Ethyl Benzene	105
m,p-Xylene	112
o-Xylene	107
Styrene	109
Bromoform	107
Cumene	106
1,1,2,2-Tetrachloroethane	101
Propylbenzene	111
4-Ethyltoluene	105
1,3,5-Trimethylbenzene	109
1,2,4-Trimethylbenzene	112
1,3-Dichlorobenzene	104
1,4-Dichlorobenzene	102
alpha-Chlorotoluene	112
1,2-Dichlorobenzene	103
1,2,4-Trichlorobenzene	111
Hexachlorobutadiene	101
TPH ref. to Gasoline (MW=100)	Not Spiked

Container Type: NA - Not Applicable

Surrogates	**%Recovery**	**Method Limits**
Toluene-d8	100	70-130
1,2-Dichloroethane-d4	89	70-130
4-Bromofluorobenzene	103	70-130

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Client Sample ID: LCSD

Lab ID#: 1203264-09AA

EPA METHOD TO-15 GC/MS FULL SCAN

File Name:	**2031404**	**Date of Collection: NA**	
Dil. Factor:	**1.00**	**Date of Analysis: 3/14/12 10:07 AM**	

Compound	**%Recovery**
Freon 12	90
Freon 114	93
Chloromethane	102
Vinyl Chloride	102
1,3-Butadiene	94
Bromomethane	103
Chloroethane	99
Freon 11	90
Ethanol	87
Freon 113	96
1,1-Dichloroethene	109
Acetone	103
2-Propanol	98
Carbon Disulfide	105
3-Chloropropene	114
Methylene Chloride	96
Methyl tert-butyl ether	102
trans-1,2-Dichloroethene	108
Hexane	98
1,1-Dichloroethane	97
2-Butanone (Methyl Ethyl Ketone)	102
cis-1,2-Dichloroethene	102
Tetrahydrofuran	99
Chloroform	92
1,1,1-Trichloroethane	94
Cyclohexane	103
Carbon Tetrachloride	96
2,2,4-Trimethylpentane	97
Benzene	101
1,2-Dichloroethane	90
Heptane	103
Trichloroethene	100
1,2-Dichloropropane	100
1,4-Dioxane	98
Bromodichloromethane	100
cis-1,3-Dichloropropene	107
4-Methyl-2-pentanone	106
Toluene	96
trans-1,3-Dichloropropene	115
1,1,2-Trichloroethane	107
Tetrachloroethene	102
2-Hexanone	106

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Client Sample ID: LCSD

Lab ID#: 1203264-09AA

EPA METHOD TO-15 GC/MS FULL SCAN

File Name:	**2031404**	**Date of Collection: NA**	
Dil. Factor:	**1.00**	**Date of Analysis: 3/14/12 10:07 AM**	

Compound	**%Recovery**
Dibromochloromethane	105
1,2-Dibromoethane (EDB)	105
Chlorobenzene	105
Ethyl Benzene	107
m,p-Xylene	111
o-Xylene	106
Styrene	108
Bromoform	107
Cumene	106
1,1,2,2-Tetrachloroethane	103
Propylbenzene	111
4-Ethyltoluene	106
1,3,5-Trimethylbenzene	109
1,2,4-Trimethylbenzene	111
1,3-Dichlorobenzene	107
1,4-Dichlorobenzene	103
alpha-Chlorotoluene	113
1,2-Dichlorobenzene	102
1,2,4-Trichlorobenzene	109
Hexachlorobutadiene	102
TPH ref. to Gasoline (MW=100)	Not Spiked

Container Type: NA - Not Applicable

Surrogates	**%Recovery**	**Method Limits**
Toluene-d8	100	70-130
1,2-Dichloroethane-d4	88	70-130
4-Bromofluorobenzene	104	70-130