P.W. GROSSER CONSULTING

February 17, 2009

Mr. Scott Sambur, Esq.
Seward & Kissel, LLP
1 Battery Park Plaza, Floor 22
New York, NY 10004

RE: Subsurface Investigation – 11-06 Broadway, Astoria, New York

Dear Mr. Sambur:

P.W. Grosser Consulting, Inc. (PWGC) has prepared this report to document the results of the Subsurface Investigation (SSI) performed at the above-referenced property. The scope of work was based upon our recent conversation and included the characterization of soil and groundwater beneath the site. The purpose of the investigation was to determine the environmental quality of the site.

The subsurface investigation included the completion of a geophysical survey to determine the absence/presence and location of suspected underground storage tanks (USTs) at the site. Results of the geophysical survey did not indicate the presence of anomalies indicative of USTs. The subsurface investigation also included the installation of soil borings and the collection of soil and groundwater samples from beneath the site. Analytical results report concentrations of semi-volatile organic compounds (SVOCs) and metals in a few of the soil samples at concentrations slightly exceeding the New York State Department of Environmental Conservation (NYSDEC) Recommended Soil Cleanup Objectives (RSCOs). However, these concentrations are likely a result of historic fill material commonly found in metropolitan areas, rather than a specific source of contamination.

Volatile organic compounds (VOCs) were detected at concentrations slightly exceeding the NYSDEC Groundwater Standards in two of the groundwater samples analyzed. It is believed that the VOCs detected in the groundwater are a result of an upgradient offsite source as no VOCs were detected in the soil samples collected above the groundwater table.

PWGC does not recommend additional investigation or remediation at the subject site. However, if plans are created to redevelop the property, excess soils may need to be disposed of at properly permitted facilities due to the elevated concentrations of SVOCs and metals identified in the soils. In addition, it is recommended that proposed buildings be designed with vapor barriers and/or sub-slab depressurization systems (SSDS) to prevent vapor intrusion.

BACKGROUND

The subject site is known as 11-06 Broadway in Astoria, New York. The property is approximately 0.5 acres in size and contains a 10,000 square foot commercial building utilized by two automotive repair tenants, a 5,200 square foot commercial building utilized by an ironworks and steel fabricator, and a vacant lot used for automobile parking. Reportedly, an out of service underground storage tank (UST) is located beneath the floor of one of the body shops. In addition, a galvanizing operation exists on an adjacent property.

In order to determine soil and groundwater quality beneath the site, PWGC recommended a subsurface investigation be performed including the following:

- Completion of a geophysical survey to determine the absence/presence and locations of suspected USTs.
- Collection of soil samples around the perimeter of USTs to determine if past leakage has impacted the subsurface.
- Collection of soil and groundwater samples beneath the property to gain general quality information and to determine if adjacent properties have impacted the subsurface.

FIELD ACTIVITIES

Geophysical Investigation

PWGC contracted Naeva Geophysics (Naeva) to perform a geophysical survey of the property to determine the absence/presence and locations of undocumented USTs. The geophysical survey was performed on January 23, 2009 and overseen by a PWGC representative. Naeva technicians utilized a Fisher M-Scope metal detection instrument, a Subsite 950 utility locator, a Dynatel 2273 cable locator, and a Sensors & Software Smart Cart ground penetrating radar (GPR) to perform the site survey. Based upon results of the geophysical survey, several metallic anomalies were identified. However, the GPR survey determined that these anomalies were not indicative of USTs. Anomaly locations are shown on **Figure 1**. A copy of a letter report prepared by Naeva is contained in **Appendix A**.

Subsurface Investigation

On January 23, 2008, PWGC conducted the subsurface investigation which consisted of the completion of seven (7) soil borings at the subject site. Three soil borings (GP-01 through GP-03) were performed across the site to characterize general subsurface conditions. Two soil borings (GP-05 and GP-06) were installed near the large metal anomaly detected in the taxi cab repair shop. One soil boring (GP-4) was installed near the metal anomaly detected in the spray booth of the taxi cab repair shop. One soil boring was performed near a suspected vent pipe located in the vacant lot of the Ironworks building, which was identified by the property owner. Boring locations are illustrated on **Figure 1**. Soils were sampled continuously from grade using a track-mounted Geoprobe®. The Geoprobe® utilizes direct-push technology to advance sampling equipment into the subsurface and retrieve samples of soil and groundwater from discreet depths. Geoprobe® services were provided by LVS, Inc. of Wading River, New York.

A PWGC hydrogeologist was on-site to oversee and document the soil boring effort. Soils beneath the site were generally characterized as dry, poorly-graded sand and silt with some concrete material extending to about five feet below grade. Groundwater at the site was encountered at approximately 8-12 feet below ground surface (bgs). It should be noted that the elevation in the auto repair shop was raised four feet from side walk elevation. Soil boring logs are included as **Appendix B**.

Soil samples were screened in the field for the presence of VOCs using a photo-ionization detector (PID). The PID is a field sensing instrument used to detect the presence of a wide range of VOCs contained in many industrial chemical and petroleum products. PID responses above background levels were obtained from the soil sample collected from beneath the ironworks building (GP-02) and from the soil sample collected adjacent to the suspected vent pipe (GP-07).

Since the presence of VOCs was not detected in soil borings GP-01 and GP-03 through GP-06, the soil sample from above the groundwater table was collected. Since field screening indicated the

presence of VOCs in the samples collected from GP-02 and GP-07, a soil sample was collected just below the groundwater table and an additional soil sample was collected above the groundwater table.

Groundwater samples were collected from the three borings (GP-01 through GP-03) installed to characterize general subsurface quality beneath the site. In addition, since field screening indicated the presence of VOCs in the soil samples collected at GP-02 and GP-07, groundwater samples were also collected at this location.

Soil and groundwater samples were contained in pre-cleaned, laboratory-supplied glassware and stored in a cooler with ice for transport to Environmental Testing Laboratories, Inc. (ETL) of Farmingdale, New York, a New York State Department of Health (NYSDOH) Environmental Laboratory Accreditation Program (ELAP) certified laboratory.

The soil samples from the areas near geophysical anomalies (GP-04 through GP-06) were analyzed for the following:

- Volatile Organic Compounds by EPA Method 8260 (STARS List), and
- Semi-volatile Organic Compounds by EPA Method 8270 (STARS List)

The soil and groundwater samples collected from the borings used to characterize general subsurface quality beneath the site were analyzed for the following:

- Volatile Organic Compounds by EPA Method 8260,
- Semi-volatile Organic Compounds by EPA Method 8270 (Base Neutrals List),
- Pesticides/PCBs by EPA Method 8081/8082, and
- TAL Metals

TAL Metals analysis related to groundwater were completed on both filtered and unfiltered samples.

These general site parameters are commonly required by the New York City Department of Environmental Protection (NYCDEP) and include a wide range of potential contaminants. The STARS List includes compounds commonly associated with petroleum products.

ANALYTICAL RESULTS

Soil and groundwater analytical data are summarized on **Tables 1** through **8**. Laboratory data sheets are included as **Appendix C**.

Soil

Soil analytical results were compared to the Recommended Soil Cleanup Objectives (RSCOs) specified in the NYSDEC Technical and Administrative Guidance Memorandum (TAGM) #4046.

As shown on **Tables 1 and 2**, no VOCs, pesticides, or PCBs were detected in the soil samples collected at concentrations exceeding the NYSDEC RSCOs. Several VOCs were detected at concentrations below the RSCOs in the samples collected from GP-02 and GP-07. Highest concentrations of VOCs were detected in the samples collected below the groundwater table.

As shown on **Table 3**, SVOCs were detected in the samples collected from each boring. SVOC concentrations exceeded the RSCOs in four of the six samples analyzed.

Finally, metals, including zinc, mercury and magnesium were detected in the three samples analyzed at concentrations exceeding the RSCOs. Soil sample results for metals are presented on **Table 4**.

Although elevated concentrations of SVOCs and metals were detected in the soil samples collected, there does not appear to be a specific onsite contaminant source. These concentrations are likely a result of urban fill material commonly found in metropolitan areas.

Groundwater

Groundwater analytical results were compared to the NYSDEC Ambient Water Quality Standards and Guidance Values (AWQS) for Class GA groundwater, as specified in Technical and Operational Guidance Series (TOGS) 1.1.1, Ambient Water Quality Standards and Guidance Values on Groundwater Effluent Limitations, June 1998.

As shown on **Table 5**, several VOCs were detected at concentrations slightly exceeding the NYSDEC Standards in the groundwater samples collected from GP-02 and GP-07. VOCs including 1,2,4,5 tetramethylbenzene, isopropylbenzene, n-butylbenzene, and sec-butylbenzene were detected in the sample collected from GP-02, while trichloroethylene was detected in the sample collected from GP07. This groundwater impact appears to be the result of hydraulically upgradient offsite source, as elevated concentrations of these compounds were not detected above the groundwater table in the soil samples collected. Regional groundwater flow direction is in a northwesterly direction.

As shown on **Table 6,** no pesticides or PCBs were detected in the groundwater samples collected. However, SVOCs were detected in the groundwater samples collected from GP-02 and GP-03 at concentrations exceeding the NYSDEC Groundwater Standards. Highest SVOC concentrations were detected in the sample collected from GP-02. It is believed that the SVOCs detected in the groundwater are a result of an upgradient offsite source. SVOC groundwater sample results are summarized on **Table 7**.

As shown on **Table 8**, metals were detected in each of the three groundwater samples above NYSDEC Standards. However, the metals detected are naturally occurring and are commonly found at these concentrations in shallow groundwater.

CONCLUSIONS AND RECOMMENDATIONS

The subsurface investigation included the completion of a geophysical survey to determine the absence/presence and location of suspected USTs at the site. Results of the geophysical survey did not indicate the presence of anomalies indicative of USTs. The subsurface investigation also included the installation of soil borings and the collection of soil and groundwater samples from beneath the site. Analytical results indicated that elevated concentrations of SVOCs and metals were detected in a few of the soil samples at concentrations slightly exceeding the RSCOs. However, these concentrations are likely a result of historic fill material commonly found in metropolitan areas, rather than a specific source of contamination.

VOCs were detected at concentrations slightly exceeding the NYSDEC Groundwater Standards in two of the groundwater samples analyzed. It is believed that the VOCs detected in the groundwater are a result of an upgradient offsite source as no VOCs were detected in the soil samples collected above the groundwater table. Based on groundwater table elevation maps, groundwater flow beneath the site is in a northwesterly direction. Therefore, it is believed that the source of VOC contamination

detected in the groundwater beneath the site is a result of a source to the southeast of the subject property.

PWGC does not recommend additional investigation or remediation at the subject site. However, if plans are created to redevelop the property, excess soils may need to be disposed of at properly permitted facilities due to the elevated concentrations of SVOCs and metals identified in the soils. In addition, it is recommended that proposed buildings be designed with vapor barriers and/or sub-slab depressurization systems (SSDS) to prevent vapor intrusion. Costs to dispose of historic fill material may range from $40-$60/ton (transportation and disposal) while costs to install a vapor barrier/SSDS may range from $10-$25/square foot.

If you have any questions or comments, please do not hesitate to contact this office.

Sincerely Yours,
P.W. Grosser Consulting

Zeb Youngman
Senior Project Manager

Frank P. Castellano
Vice President

Tables

TABLE 1
SOIL ANALYTICAL RESULTS FOR
VOLATILE ORGANIC COMPOUNDS
EPA METHOD 8260

11-06 Broadway - Astoria, New York

Compound	NYSDEC Clean-up Objectives [1]	GP-01 (8-10') 1/23/2009	GP-02 (4-8') 1/23/2009	GP-02 (8-10') 1/23/2009	GP-03 (4-8') 1/23/2009	GP-04 (6-8') 1/23/2009	GP-05 (4-8') 1/23/2009	GP-06 (6-8') 1/23/2009	GP-07 (0-4') 1/23/2009	GP-07 (8-12') 1/23/2009
Volatile Organic Compounds by 8260 - ug/kg										
1112Tetrachloroethane	NS	<0.53	<0.52	<2.72	<0.52	N/A	N/A	N/A	<0.53	<2.63
111 Trichloroethane	800	<0.60	<0.58	<3.07	<0.58	N/A	N/A	N/A	<0.60	<2.97
1122Tetrachloroethane	600	<0.70	<0.67	<3.55	<0.67	N/A	N/A	N/A	<0.69	<3.43
112 Trichloroethane	NS	<0.73	<0.71	<3.72	<0.71	N/A	N/A	N/A	<0.72	<3.60
1,1,2-Trichlorotrifluoroethane	NS	<0.60	<0.58	<3.07	<0.58	N/A	N/A	N/A	<0.60	<2.97
1,1 Dichloroethane	200	<0.66	<0.64	<3.37	<0.64	N/A	N/A	N/A	<0.66	<3.26
1,1 Dichloroethene	400	<0.43	<0.41	<2.19	<0.41	N/A	N/A	N/A	<0.43	<2.12
1,1-Dichloropropene	NS	<0.61	<0.59	<3.13	<0.59	N/A	N/A	N/A	<0.61	<3.03
123-Trichlorobenzene	NS	<0.56	<0.54	<2.84	<0.54	N/A	N/A	N/A	<0.55	<2.75
123-Trichloropropane	400	<0.82	<0.80	<4.20	<0.80	N/A	N/A	N/A	<0.82	<4.06
1245 Tetramethylbenz	NS	<0.46	33.9	13700	<0.45	N/A	N/A	N/A	10.6	6260
124-Trichlorobenzene (v)	3,400	<0.39	<0.38	<2.01	<0.38	N/A	N/A	N/A	<0.39	<1.94
124-Trimethylbenzene	10,000	<0.43	<0.41	<2.19	<0.41	<0.47	<0.44	<0.41	14.3	63.1
12 Dibromo 3 chloropropane	NS	<0.53	<0.52	<2.72	<0.52	N/A	N/A	N/A	<0.53	<2.63
1,2 Dibromoethane	NS	<0.68	<0.66	<3.49	<0.66	N/A	N/A	N/A	<0.68	<3.37
1,2 Dichlorobenzene (v)	7,900	<0.55	<0.53	<2.78	<0.53	N/A	N/A	N/A	<0.54	<2.69
1,2 Dichloroethane	100	<0.67	<0.65	<3.43	<0.65	N/A	N/A	N/A	<0.67	<3.32
1,2 Dichloropropane	NS	<0.68	<0.66	<3.49	<0.66	N/A	N/A	N/A	<0.68	<3.37
135-Trimethylbenzene	3,300	<0.51	<0.49	<2.60	<0.49	<0.55	<0.52	<0.49	<0.51	<2.52
1,3 Dichlorobenzene (v)	1,600	<0.61	<0.59	<3.13	<0.59	N/A	N/A	N/A	<0.61	<3.03
1,3-Dichloropropane	300	<0.60	<0.58	<3.07	<0.58	N/A	N/A	N/A	<0.60	<2.97
1,4 Dichlorobenzene (v)	8,500	<0.56	<0.54	<2.84	<0.54	N/A	N/A	N/A	<0.55	<2.75
2,2-Dichloropropane	NS	<0.68	<0.66	<3.49	<0.66	N/A	N/A	N/A	<0.68	<3.37
2-Butanone	300	<2.58	<2.49	<13.1	<2.49	N/A	N/A	N/A	<2.55	<12.7
2-Chloroethyl vinyl ether	NS	<0.74	<0.72	<3.78	<0.72	N/A	N/A	N/A	<0.74	<3.66
2-Chlorotoluene	NS	<0.61	<0.59	<3.13	<0.59	N/A	N/A	N/A	<0.61	<3.03
2-Hexanone	NS	<2.30	<2.22	<11.7	<2.22	N/A	N/A	N/A	<2.28	<11.3
4-Chlorotoluene	NS	<0.58	<0.56	<2.95	<0.56	N/A	N/A	N/A	<0.57	<2.86
4-Isopropyltoluene	10,000	<0.55	<0.53	<2.78	<0.53	<0.67	<0.63	<0.59	1.86	<2.69
4-Methyl-2-pentanone	1,000	<2.49	<2.41	<12.7	<2.41	N/A	N/A	N/A	<2.47	<12.3
Acetone	200	65.5	63.2	29.3	6.11	N/A	N/A	N/A	110	63.8
Acrylonitrile	NS	<8.11	<7.83	<41.3	<7.83	N/A	N/A	N/A	<8.04	<40.0
Benzene	60 or MDL	<0.61	<0.59	4.3	<0.59	<0.66	<0.62	<0.58	<0.61	<3.03
Bromobenzene	NS	<0.59	<0.57	<3.01	<0.57	N/A	N/A	N/A	<0.59	<2.92
Bromochloromethane	NS	<0.67	<0.65	<3.43	<0.65	N/A	N/A	N/A	<0.67	<3.32
Bromodichloromethane	NS	<0.55	<0.53	<2.78	<0.53	N/A	N/A	N/A	<0.54	<2.69
Bromoform	NS	<0.56	<0.54	<2.84	<0.54	N/A	N/A	N/A	<0.55	<2.75
Bromomethane	NS	<0.57	<0.55	<2.90	<0.55	N/A	N/A	N/A	<0.56	<2.80
c-1,2-Dichloroethene	NS	<0.52	<0.50	<2.66	<0.50	N/A	N/A	N/A	<0.52	<2.57
c-1,3Dichloropropene	NS	<0.59	<0.57	<3.01	<0.57	N/A	N/A	N/A	<0.59	<2.92
Carbon Disulfide	2,700	1.63	4.57	<2.78	<0.53	N/A	N/A	N/A	<0.54	<2.69
Carbon Tetrachloride	600	<0.65	<0.63	<3.31	<0.63	N/A	N/A	N/A	<0.64	<3.20
Chlorobenzene	1,700	<0.71	<0.68	<3.61	<0.68	N/A	N/A	N/A	<0.70	<3.49
Chlorodifluoromethane	NS	<1.02	<0.99	<5.20	<0.99	N/A	N/A	N/A	<1.01	<5.03
Chloroethane	1900	<0.81	<0.78	<4.14	<0.78	N/A	N/A	N/A	<0.81	<4.00
Chloroform	300	<0.68	<0.66	<3.49	<0.66	N/A	N/A	N/A	<0.68	<3.37
Chloromethane	NS	<0.58	<0.56	<2.95	<0.56	N/A	N/A	N/A	<0.57	<2.86
Dibromochloromethane	NS	<0.53	<0.52	<2.72	<0.52	N/A	N/A	N/A	<0.53	<2.63
Dibromomethane	NS	<0.92	<0.88	<4.67	<0.88	N/A	N/A	N/A	<0.91	<4.52
Dichlordifluoromethane	NS	<0.43	<0.41	<2.19	<0.41	N/A	N/A	N/A	<0.43	<2.12
Ethyl Benzene	5,500	<0.60	<0.58	<3.07	<0.58	<0.55	<0.52	<0.49	0.92	<2.97
Hexachlorobutadiene	NS	<0.56	<0.54	<2.84	<0.54	N/A	N/A	N/A	<0.55	<2.75
Isopropylbenzene	2,300	<0.51	4.6	873	<0.49	<1.13	<1.07	<1.00	1.55	836
m + p Xylene	1,200*	<1.04	<1.01	<5.32	<1.01	<0.66	<0.62	<0.58	2.81	<5.15
ter.ButylMethylEther	120	<0.60	<0.58	<3.07	<0.58	<0.60	<0.57	<0.53	<0.60	<2.97
Methylene Chloride	100	<1.09	<1.05	<5.56	<1.05	N/A	N/A	N/A	<1.08	<5.38
Naphthalene(v)	13,000	<0.56	9.46	5290	<0.54	<0.58	<0.55	<0.51	2.91	2020
n-Butylbenzene	10,000	<0.53	9.11	4110	<0.52	<0.57	<0.54	<0.50	3.11	1550
n-Propylbenzene	3,700	<0.52	<0.50	40.1	<0.50	<0.49	<0.46	<0.43	8.25	72.2
o Xylene	1,200*	<0.45	<0.44	<2.30	<0.44	<0.59	<0.56	<0.52	<0.45	<2.23
p Diethylbenzene	NS	<0.53	7.62	770	<0.52	N/A	N/A	N/A	3.95	1400
p-Ethyltoluene	NS	<0.49	<0.47	<2.48	<0.47	N/A	N/A	N/A	3.55	<2.40
sec-Butylbenzene	10,000	<0.52	10.2	885	<0.50	<0.57	<0.54	<0.50	2.29	1230
Styrene	NS	<0.50	<0.48	<2.54	<0.48	N/A	N/A	N/A	<0.49	<2.46
t-1,2-Dichloroethene	300	<0.53	<0.52	<2.72	<0.52	N/A	N/A	N/A	<0.53	<2.63
t-1,3Dichloropropene	NS	<0.49	<0.47	<2.48	<0.47	N/A	N/A	N/A	<0.48	<2.40
TAME	NS	<0.73	<0.71	<3.72	<0.71	N/A	N/A	N/A	<0.72	<3.60
tert-Butylbenzene	10,000	<0.61	<0.59	<3.13	<0.59	<0.67	<0.63	<0.59	<0.61	121
t-Butyl alcohol	NS	<6.25	<6.04	<31.9	<6.04	N/A	N/A	N/A	<6.20	<30.8
Tetrachloroethene	1,400	<0.52	<0.50	<2.66	<0.50	N/A	N/A	N/A	<0.52	<2.57
Toluene	1,500	0.91	0.98	<2.84	<0.54	<0.60	<0.57	<0.53	0.8	<2.75
Trichloroethylene	700	<0.57	<0.55	<2.90	<0.55	N/A	N/A	N/A	<0.56	<2.80
Trichlorofluoromethane	NS	<0.65	<0.63	<3.31	<0.63	N/A	N/A	N/A	<0.64	<3.20
Vinyl Chloride	200	<0.79	<0.76	<4.02	<0.76	N/A	N/A	N/A	<0.78	<3.89

Notes:
(1) NYSDEC Recommended Soil Cleanup Objectives (RSCO), Technical and Administrative Guidance Memorandum (TAGM) #4046, 12/00
NS - No standard
MDL - Method detection limit
N/A - Not Analyzed
B - Indicates that the compound was detected in the method blank
Bold/highlighted - indicated exceedance of the NYSDEC Cleanup Objective
*-Sum of all isomers

TABLE 2
SOIL ANALYTICAL RESULTS FOR PESTICIDES/PCBs
EPA METHOD 8081/8082

11-06 Broadway - Astoria, New York

Compound	NYSDEC Clean-up Objectives [(1)]	GP-01 (8-10') 1/23/2009	GP-02 (4-8') 1/23/2009	GP-03 (4-8') 1/23/2009
Pesticides 8081/8082 - ug/kg				
Aroclor 1016	1,000^	<14.6	<14.0	<14.0
Aroclor 1221	1,000^	<14.6	<14.0	<14.0
Aroclor 1232	1,000^	<14.6	<14.0	<14.0
Aroclor 1242	1,000^	<14.6	<14.0	<14.0
Aroclor 1248	1,000^	<14.6	<14.0	<14.0
Aroclor 1254	1,000^	<14.6	<14.0	<14.0
Aroclor 1260	1,000^	<14.7	<14.1	<14.2
p,p-DDD	2,900	<0.52	<0.50	<0.51
p,p-DDE	2,100	<1.25	<1.20	<1.20
p,p-DDT	2,100	<0.63	<0.60	<0.61
Aldrin	41	<1.22	<1.17	<1.18
a BHC	110	<0.77	<0.74	<0.74
a Chlordane	NS	<1.04	<1.00	<1.00
b BHC	200	<0.63	<0.60	<0.61
Chlordane	540	<8.10	<7.79	<7.82
d BHC	300	<1.32	<1.26	<1.27
Dieldrin	44	<1.33	<1.28	<1.28
Endosulfan 1	900	<1.19	<1.14	<1.15
Endosulfan 2	900	<0.94	<0.91	<0.91
Endosulfan Sulfate	1,000	<0.84	<0.81	<0.81
Endrin	100	<1.20	<1.15	<1.16
Endrin Aldehyde	NS	<0.87	<0.84	<0.84
Endrin ketone	NS	<1.11	<1.06	<1.07
gamma-BHC (Lindane)	60	<0.97	<0.93	<0.93
gamma-Chlordane	540	<1.23	<1.19	<1.19
Heptachlor	100	<1.08	<1.04	<1.04
Heptachlor Epoxide	20	<1.15	<1.11	<1.11
Methoxychlor	10,000	<1.02	<0.98	<0.99
Toxaphene	NS	<42.5	<40.8	<41.0

Notes:
(1) NYSDEC Recommended Soil Cleanup Objectives (RSCO), Technical and Administrative Guidance Memorandum (TAGM) #4046, 12/00
NS - No standard
MDL - Method detection limit
Bold/highlighted - indicated exceedance of the NYSDEC Cleanup Objective
^ - 1,000 ppb in surface soil and 10,000 ppb in subsurface soil

TABLE 3
SOIL ANALYTICAL RESULTS FOR
SEMI-VOLATILE ORGANIC COMPOUNDS
EPA METHOD 8270

11-06 Broadway - Astoria, New York

Compound	NYSDEC Clean-up Objectives [1]	GP-01 (8-10') 1/23/2009	GP-02 (4-8') 1/23/2009	GP-03 (4-8') 1/23/2009	GP-04 (6-8') 1/23/2009	GP-05 (4-8') 1/23/2009	GP-06 (6-8') 1/23/2009
Semi-Volatile Organic Compounds by 8270 - ug/kg							
124-Trichlorobenzene (sv)	NS	<48.4	<46.5	<46.7	N/A	N/A	N/A
1,2 Dichlorobenzene(sv)	NS	<36.0	<34.6	<34.7	N/A	N/A	N/A
1,3 Dichlorobenzene(sv)	NS	<39.1	<37.6	<37.8	N/A	N/A	N/A
1,4 Dichlorobenzene(sv)	NS	<38.0	<36.5	<36.6	N/A	N/A	N/A
2,4-Dinitrotoluene	NS	<69.8	<67.1	<67.4	N/A	N/A	N/A
2,6-Dinitrotoluene	1000	<48.0	<46.1	<46.3	N/A	N/A	N/A
2-Chloronaphthalene	NS	<56.1	<53.9	<54.2	N/A	N/A	N/A
2-Methylnaphthalene	36,400	99.8	245	<44.6	N/A	N/A	N/A
2-Nitroaniline	430 or MDL	<60.7	<58.3	<58.5	N/A	N/A	N/A
3,3'-Dichlorobenzidine	NS	<56.1	<53.9	<54.2	N/A	N/A	N/A
3-Nitroaniline	500 or MDL	<20.0	<19.2	<19.3	N/A	N/A	N/A
4-Bromophenyl phenyl ether	NS	<52.9	<50.8	<51.0	N/A	N/A	N/A
4-Chloroaniline	220 or MDL	<44.4	<42.6	<42.8	N/A	N/A	N/A
4-Chlorophenyl phenyl ether	NS	<45.3	<43.5	<43.7	N/A	N/A	N/A
4-Nitroaniline	NS	<114	<109	<110	N/A	N/A	N/A
Acenaphthene	50,000	56	<47.1	<47.3	182	<49.9	<46.7
Acenaphthylene	50,000	158	<38.5	<38.7	363	<40.8	<38.2
Anthracene	50,000	248	<49.8	<50.0	1130	<52.8	62.9
Benzo(a)anthracene	224 or MDL	**419**	<47.3	<47.5	**4490**	79.1	129
Benzo(a)pyrene	61 or MDL	**385**	<58.3	<58.5	**4550**	**77.2**	**105**
Benzo(b)fluoranthene	1,100	279	<46.4	<46.6	**4110**	71.7	86.1
Benzo(ghi)perylene	50,000	193	<85.5	<85.8	2500	131	<84.8
Benzo(k)fluoranthene	1,100	331	<85.1	<85.5	**3880**	<90.3	91.2
Benzoic acid	NS	<6820	<6550	<6580	N/A	N/A	N/A
Benzyl alcohol	NS	<68.7	<66.0	<66.3	N/A	N/A	N/A
bis(2-Chloroethoxy)methane	NS	<48.2	<46.3	<46.5	N/A	N/A	N/A
bis(2-Chloroethyl)ether	NS	<55.1	<52.9	<53.1	N/A	N/A	N/A
bis(2-Chloroisopropyl)ether	NS	<42.7	<41.1	<41.2	N/A	N/A	N/A
bis(2-Ethylhexyl)phthalate	50,000	169	<73.3	<73.6	N/A	N/A	N/A
BenzylButylPhthalate	50,000	<61.5	<59.1	<59.3	N/A	N/A	N/A
Carbazole	NS	<67.1	<64.4	<64.7	N/A	N/A	N/A
Chrysene	400	**467**	<59.2	<59.4	**4970**	83.8	126
Dibenzo(a,h)anthracene	14 or MDL	<65.5	<63.0	<63.3	**723**	<66.2	<61.9
Dibenzofuran	6,200	<57.3	<55.0	<55.3	N/A	N/A	N/A
Diethyl Phthalate	7,100	73.2	<62.4	<62.7	N/A	N/A	N/A
Dimethyl Phthalate	2,000	<38.9	<37.4	<37.5	N/A	N/A	N/A
Di-n-Butyl Phthalate	8,100	<76.1	<73.2	<73.5	N/A	N/A	N/A
Di-n-octyl Phthalate	50,000	<56.2	<54.0	<54.3	N/A	N/A	N/A
Fluoranthene	50,000	944	<61.6	73.6	11400	173	299
Fluorene	50,000	162	<45.0	<45.2	271	<47.7	<44.6
Hexachlorobenzene	410	<49.8	<47.9	<48.1	N/A	N/A	N/A
Hexachlorobutadiene	NS	<46.6	<44.7	<44.9	N/A	N/A	N/A
Hexachlorocyclopentadiene	NS	<360	<346	<347	N/A	N/A	N/A
Hexachloroethane	NS	<51.8	<49.8	<50.0	N/A	N/A	N/A
Indeno(1,2,3-cd)pyrene	3,200	188	<51.7	<51.9	2380	66	<51.3
Isophorone	4,400	<53.2	<51.1	<51.3	N/A	N/A	N/A
Naphthalene(sv)	13,000	<35.2	<33.8	<33.9	127	<47.7	<44.6
Nitrobenzene	200 or MDL	197	<61.0	<61.2	N/A	N/A	N/A
N-Nitrosodi-n-propylamine	NS	115	49.7	<45.2	N/A	N/A	N/A
N-Nitrosodiphenylamine	NS	<45.1	<43.3	<43.5	N/A	N/A	N/A
Phenanthrene	50,000	900	62.3	<51.1	6190	122	257
Pyrene	50,000	977	45.2	61	10600	149	261
Pyridine	NS	<66.7	<64.1	<64.4	N/A	N/A	N/A

Notes:
(1) NYSDEC Recommended Soil Cleanup Objectives (RSCO), Technical and Administrative Guidance Memorandum (TAGM) #4046, 12/00
NS - No standard
MDL - Method detection limit
J - Indicates estimated concentration
B - Indicates that the compound was detected in the method blank
U - Analyte not detected
Bold/highlighted - indicated exceedance of the NYSDEC Cleanup Objective
N/A - Not analyzed

TABLE 4
SOIL ANALYTICAL RESULTS FOR
TOTAL METALS

11-06 Broadway - Astoria, New York

Compound	NYSDEC Clean-up Objectives [1]	Eastern USA Background	GP-01 (8-10') 1/23/2009	GP-02 (4-8') 1/23/2009	GP-03 (4-8') 1/23/2009
Total Metals - mg/kg					
Aluminum as Al	SB	33,000	6660	6710	5210
Antimony as Sb	SB	NS	<0.23	<0.22	<0.22
Arsenic as As	7.5 or SB	3 -12	3.57	4.59	<0.37
Barium as Ba	300 or SB	15 - 600	79.9	39.1	44.6
Beryllium as Be	0.16 or SB	0 - 1.75	<0.023	<0.022	<0.022
Cadmium as Cd	1 or SB	0.1 - 1	<0.035	<0.033	<0.033
Calcium as Ca	SB	130 - 35,000	10200	2270	28100
Chromium as Cr	10 or SB	1.5 - 40**	**18.3**	**14.4**	**11.8**
Cobalt as Co	30 or SB	2.5 - 60**	6.31	6.67	5.66
Copper as Cu	25 or SB	1 - 50	**41**	22.6	**26.1**
Iron as Fe	2,000 or SB	2,000 - 550,000	**14200**	**16100**	**10500**
Lead as Pb	500***	200-500	166	44.5	109
Magnesium as Mg	SB	100 - 5,000	2980	2130	**5420**
Manganese as Mn	SB	50 - 5,000	232	244	272
Mercury as Hg	0.1	0.001 - 0.2	**0.2**	0.028	0.093
Nickel as Ni	13 or SB	0.5 - 25	**13.2**	12.9	11.7
Potassium as K	SB	8,500 - 43,000	958	822	1280
Selenium as Se	2 or SB	0.1 - 3.9	<0.50	<0.47	<0.47
Silver as Ag	SB	NS	<0.12	<0.11	<0.11
Sodium as Na	SB	6,000 - 8,000	194	53.8	620
Thallium as Tl	SB	NS	<0.23	<0.22	<0.22
Vanadium as V	150 or SB	1 - 200	15.9	15.5	17.5
Zinc as Zn	20 or SB	9 - 50	**347**	**64.1**	57.1

Notes:
(1) NYSDEC Recommended Soil Cleanup Objectives (RSCO), Technical and Administrative Guidance Memorandum (TAGM) #4046, 12/00
** - New York State Background Concentration
SB - Site Background
NS - No Standard
*** - Background levels for lead vary
Bold - indicates exceedance of the NYSDEC Cleanup Objective
Bold /Highlighted - indicates exceedance of both the NYSDEC Cleanup Objective and the Eastern USA Background Concentrations

TABLE 5
GROUNDWATER ANALYTICAL RESULTS FOR
VOLATILE ORGANIC COMPOUNDS
EPA METHOD 8260

11-06 Broadway - Astoria, New York

Compound	NYSDEC Groundwater Standards**	GP-01 (GW) 1/23/2009	GP-02 (GW) 1/23/2009	GP-03 (GW) 1/23/2009	GP-07 (GW) 1/23/2009
Volatile Organic Compounds by 8260 - ug/L					
1112Tetrachloroethane	5	<0.86	<8.60	<0.86	<0.86
111 Trichloroethane	5	<0.95	<9.50	<0.95	<0.95
1122Tetrachloroethane	5	<0.75	<7.50	<0.75	<0.75
112 Trichloroethane	1	<0.90	<9.00	<0.90	<0.90
112 Trichloro-122 trifluoroethane	5	<0.88	<8.80	<0.88	<0.88
1,1 Dichloroethane	4	<1.01	<10.1	<1.01	<1.01
1,1 Dichloroethene	5	<0.93	<9.30	<0.93	<0.93
1,1-Dichloropropene	5	<0.80	<8.00	<0.80	<0.80
123-Trichlorobenzene	5	<0.62	<6.20	<0.62	<0.62
123-Trichloropropane	0.04	<0.78	<7.80	<0.78	<0.78
1245 Tetramethylbenzene	5	<0.78	**111**	<0.78	<0.78
124-Trichlorobenzene (v)	5	<0.67	<6.70	<0.67	<0.67
124-Trimethylbenzene	5	<0.84	<8.40	<0.84	<0.84
12 Dibromo 3 chloropropane	0.04	<0.75	<7.50	<0.75	<0.75
1,2 Dibromoethane	NS	<0.78	<7.80	<0.78	<0.78
1,2 Dichlorobenzene (v)	3	<0.80	<8.00	<0.80	<0.80
1,2 Dichloroethane	0.6	<0.97	<9.70	<0.97	<0.97
1,2 Dichloropropane	1	<0.89	<8.90	<0.89	<0.89
135-Trimethylbenzene	5	<0.82	<8.20	<0.82	<0.82
1,3 Dichlorobenzene (v)	3	<0.77	<7.70	<0.77	<0.77
1,3-Dichloropropane	5	<0.83	<8.30	<0.83	<0.83
1,4 Dichlorobenzene (v)	3	<0.78	<7.80	<0.78	<0.78
2,2-Dichloropropane	5	<0.87	<8.70	<0.87	<0.87
2-Butanone	NS	<0.76	<7.60	<0.76	<0.76
2-Chloroethyl vinyl ether	NS	<1.42	<14.2	<1.42	<1.42
2-Chlorotoluene	5	<0.83	<8.30	<0.83	<0.83
2-Hexanone	50*	<0.61	<6.10	<0.61	<0.61
4-Chlorotoluene	5	<0.78	<7.80	<0.78	<0.78
4-Isopropyltoluene	5	<0.81	<8.10	<0.81	<0.81
4-Methyl-2-pentanone	NS	<0.86	<8.60	<0.86	<0.86
Acetone	50*	<1.16	<11.6	<1.16	<1.16
Acrylonitrile	5	<3.78	<37.8	<3.78	<3.78
Benzene	1	<0.88	<8.80	<0.88	<0.88
Bromobenzene	5	<0.80	<8.00	<0.80	<0.80
Bromochloromethane	5	<0.91	<9.10	<0.91	<0.91
Bromodichloromethane	50*	<0.89	<8.90	<0.89	<0.89
Bromoform	50*	<0.81	<8.10	<0.81	<0.81
Bromomethane	5	<1.02	<10.2	<1.02	<1.02
c-1,2-Dichloroethene	5	<0.89	<8.90	<0.89	6.32
c-1,3Dichloropropene	0.4	<0.87	<8.70	<0.87	<0.87
Carbon Disulfide	60***	<0.82	<8.20	<0.82	0.98
Carbon Tetrachloride	5	<0.90	<9.00	<0.90	<0.90
Chlorobenzene	5	<0.86	<8.60	<0.86	<0.86
Chlorodifluoromethane	NS	<0.93	<9.30	<0.93	<0.93
Chloroethane	5	<1.44	<14.4	<1.44	<1.44
Chloroform	7	<0.97	<9.70	<0.97	<0.97
Chloromethane	5	<0.79	<7.90	<0.79	<0.79
Dibromochloromethane	50	<0.83	<8.30	<0.83	<0.83
Dibromomethane	5	<0.91	<9.10	<0.91	<0.91
Dichlordifluoromethane	5	<0.80	<8.00	<0.80	<0.80
Ethyl Benzene	5	<0.89	<8.90	<0.89	<0.89
Hexachlorobutadiene	0.5	<0.79	<7.90	<0.79	<0.79
Isopropylbenzene	5	<0.86	**11.6**	<0.86	<0.86
m + p Xylene	5	<1.74	<17.4	<1.74	<1.74
ter.ButylMethylEther	10	<0.88	<8.80	1.73	4.99
Methylene Chloride	5	<1.08	<10.8	<1.08	<1.08
Naphthalene(v)	10*	<0.83	8.92	<0.83	<0.83
n-Butylbenzene	5	<0.81	**17.2**	<0.81	<0.81
n-Propylbenzene	5	<0.61	<6.10	<0.61	<0.61
o Xylene	5	<0.85	<8.50	<0.85	<0.85
p Diethylbenzene	NS	<0.77	14.5	<0.77	<0.77
p-Ethyltoluene	NS	<0.81	<8.10	<0.81	<0.81
sec-Butylbenzene	5	<0.78	**15.1**	<0.78	<0.78
Styrene	5	<0.81	<8.10	<0.81	<0.81
t-1,2-Dichloroethene	5	<0.95	<9.50	<0.95	<0.95
t-1,3Dichloropropene	0.4 [(1)]	<0.79	<7.90	<0.79	<0.79
TAME	NS	<0.86	<8.60	<0.86	<0.86
tert-Butylbenzene	5	<0.85	<8.50	<0.85	<0.85
t-Butyl alcohol	NS	<8.10	<81.0	<8.10	<8.10
Tetrachloroethene	5	<0.84	<8.40	<0.84	9.04
Toluene	5	<1.08	<10.8	<1.08	<1.08
Trichloroethylene	5	<0.94	<9.40	<0.94	**29.4**
Trichlorofluoromethane	5	<1.00	<10.0	<1.00	<1.00
Vinyl Chloride	2	<0.82	<8.20	<0.82	<0.82

Notes:
** - NYSDEC Ambient Water Quality Standards and Guidance Values 6/1998
*** - NYSDEC Ambient Water Quality Standards and Guidance Values, Addendum April 2000
* - Guidance Value
NS - No Standard
Bold/highlighted- Indicated exceedance of the NYSDEC Groundwater Standard
(1) Applies to sum of cis and trans 1,3

TABLE 6
GROUNDWATER ANALYTICAL RESULTS FOR
PESTICIDES AND PCB's
EPA METHOD 8081/8082

11-06 Broadway - Astoria, New York

Compound	NYSDEC Groundwater Standards**	GP-01 (GW) 1/23/2009	GP-02 (GW) 1/23/2009	GP-03 (GW) 1/23/2009
Pesticides and PCB's by 8081/8082 - ug/L				
Aroclor 1016	.09*	<0.40	<0.40	<0.40
Aroclor 1221	.09*	<0.15	<0.15	<0.15
Aroclor 1232	.09*	<0.55	<0.55	<0.55
Aroclor 1242	.09*	<0.55	<0.55	<0.55
Aroclor 1248	.09*	<0.45	<0.45	<0.45
Aroclor 1254	.09*	<0.20	<0.20	<0.20
Aroclor 1260	.09*	<0.40	<0.40	<0.40
p,p-DDD	0.3	<0.0065	<0.0065	<0.0065
p,p-DDE	0.2	<0.0075	<0.0075	<0.0075
p,p-DDT	0.2	<0.0070	<0.0070	<0.0070
Aldrin	ND	<0.0055	<0.0055	<0.0055
a BHC	0.01	<0.0046	<0.0046	<0.0046
alpha-Chlordane	NS	<0.0060	<0.0060	<0.0060
b BHC	0.04	<0.0075	<0.0075	<0.0075
Chlordane	0.5	<0.60	<0.60	<0.60
d BHC	0.04	<0.0065	<0.0065	<0.0065
Dieldrin	0.004	<0.0055	<0.0055	<0.0055
Endosulfan 1	NS	<0.0065	<0.0065	<0.0065
Endosulfan 2	NS	<0.0075	<0.0075	<0.0075
Endosulfan Sulfate	NS	<0.0070	<0.0070	<0.0070
Endrin	ND	<0.0070	<0.0070	<0.0070
Endrin Aldehyde	5	<0.0050	<0.0050	<0.0050
Endrin ketone	5	<0.0070	<0.0070	<0.0070
gamma-BHC (Lindane)	NS	<0.0044	<0.0044	<0.0044
gamma-Chlordane	0.1	<0.0065	<0.0065	<0.0065
Heptachlor	0.04	<0.0060	<0.0060	<0.0060
Heptachlor Epoxide	0.03	<0.0065	<0.0065	<0.0065
Methoxychlor	35	<0.0070	<0.0070	<0.0070
Toxaphene	0.06	<1.95	<1.95	<1.95

Notes:
** - NYSDEC Ambient Water Quality Standards and Guidance Values 6/1998
* - Guidance Value
NS - No Standard
Bold/highlighted- Indicated exceedance of the NYSDEC Groundwater Standard

TABLE 7
GROUNDWATER ANALYTICAL RESULTS FOR
SEMI-VOLATILE ORGANIC COMPOUNDS
EPA METHOD 8270

11-06 Broadway - Astoria, New York

Compound	NYSDEC Groundwater Standards**	GP-01 (GW) 1/23/2009	GP-02 (GW) 1/23/2009	GP-03 (GW) 1/23/2009
Semi-Volatile Organic Compounds by 8270 - ug/L				
124-Trichlorobenzene (sv)	5	<4.60	<4.60	<4.60
1,2 Dichlorobenzene(sv)	3 (1)	<3.55	<3.55	<3.55
1,3 Dichlorobenzene(sv)	3	<4.10	<4.10	<4.10
1,4 Dichlorobenzene(sv)	3	<3.70	<3.70	<3.70
2,4-Dinitrotoluene	5	<3.10	<3.10	<3.10
2,6-Dinitrotoluene	5	<4.90	<4.90	<4.90
2-Chloronaphthalene	10	<4.60	<4.60	<4.60
2-Methylnaphthalene	NS	<4.10	436	<4.10
2-Nitroaniline	5	<3.85	<3.85	<3.85
3,3'-Dichlorobenzidine	5	<3.40	<3.40	<3.40
3-Nitroaniline	5	<3.00	<3.00	<3.00
4-Bromophenyl phenyl ether	NS	<4.25	<4.25	<4.25
4-Chloroaniline	5	<2.35	<2.35	<2.35
4-Chlorophenyl phenyl ether	NS	<4.60	<4.60	<4.60
4-Nitroaniline	5	<5.35	<5.35	<5.35
Acenaphthene	20	<5.10	**22.1**	<5.10
Acenaphthylene	20	<4.65	<4.65	<4.65
Anthracene	50*	<4.20	24.5	<4.20
Benz(a)anthracene	0.002	<5.15	**22.2**	<5.15
Benzo(a)pyrene	ND	<4.55	14.2	<4.55
Benzo(b)fluoranthene	0.002	<4.60	**12.6**	<4.60
Benzo(ghi)perylene	NS	<5.25	6.63	<5.25
Benzo(k)fluoranthene	0.002	<5.20	**13.1**	<5.20
Benzoic acid	NS	<51.5	<51.5	<51.5
Benzyl alcohol	NS	<2.40	<2.40	<2.40
Bis(2-chloroethoxy)methane	5	<4.75	<4.75	<4.75
Bis(2-chloroethyl)ether	1	<2.85	<2.85	<2.85
Bis(2-chloroisopropyl)ether	NS	<3.85	<3.85	<3.85
Bis(2-ethylhexyl)phthalate	5	<7.20	**8.39**	**8.75**
BenzylButylPhthalate	50	<6.65	<6.65	<6.65
Carbazole	NS	<5.40	<5.40	<5.40
Chrysene	0.002	<4.75	**22.4**	<4.75
Dibenzo(a,h)anthracene	50	<4.85	<4.85	6.14
Dibenzofuran	NS	<5.55	<5.55	<5.55
Diethyl Phthalate	50	<4.35	<4.35	<4.35
Dimethyl Phthalate	50	<4.00	22.9	<4.00
Di-n-Butyl Phthalate	NS	11.9	6.03	9.78
Di-n-octyl Phthalate	NS	<5.10	<5.10	<5.10
Fluoranthene	50	<4.30	**67.2**	<4.30
Fluorene	50	<4.55	46	<4.55
Hexachlorobenzene	0.04	<3.65	<3.65	<3.65
Hexachlorobutadiene	0.5	<5.25	<5.25	<5.25
Hexachlorocyclopentadiene	5	<1.90	<1.90	<1.90
Hexachloroethane	5	<4.95	<4.95	<4.95
Indeno(1,2,3-cd)pyrene	0.002	<4.75	**6.56**	<4.75
Isophorone	50	<3.50	<3.50	<3.50
Naphthalene(sv)	10	<3.70	<3.70	<3.70
Nitrobenzene	0.4	<5.50	<5.50	<5.50
N-Nitrosodi-n-propylamine	50	<4.35	<4.35	<4.35
N-Nitrosodiphenylamine	50*	<4.55	<4.55	<4.55
Phenanthrene	50	<4.50	**57.2**	<4.50
Pyrene	50	<5.05	**71.5**	<5.05
Pyridine	50*	<1.85	<1.85	<1.85

Notes:

** - NYSDEC Ambient Water Quality Standards and Guidance Values 6/1998

* - Guidance Value

J - Indicates estimated concentration

NS - No Standard

Bold/highlighted- Indicated exceedance of the NYSDEC Groundwater Standard

(1) Applies to each isomer (1,2 - 1,3 and 1,4) individually

TABLE 8
GROUNDWATER ANALYTICAL RESULTS FOR METALS

11-06 Broadway - Astoria, New York

Compound	NYSDEC Groundwater Standards**	GP-01 (GW) 1/23/2009		GP-02 (GW) 1/23/2009		GP-03 (GW) 1/23/2009	
		Total	Dissolved	Total	Dissolved	Total	Dissolved
Priority Pollutant Metals mg/L							
Aluminum as Al	NS	<0.013	<0.013	28.8	6.32	11.7	2.12
Antimony as Sb	0.003	<0.0020	<0.0020	<0.0020	<0.0020	<0.0020	<0.0020
Arsenic as As	0.025	<0.0030	<0.0030	<0.0030	<0.0030	<0.0030	<0.0030
Barium as Ba	1	0.15	0.094	0.56	0.29	0.18	0.098
Beryllium as Be	0.003	<0.00020	<0.00020	<0.00020	<0.00020	<0.00020	<0.00020
Cadmium as Cd	0.005	<0.00030	<0.00030	<0.00030	<0.00030	<0.00030	<0.00030
Calcium as Ca	NS	442	439	466	446	240	204
Chromium as Cr	0.05	0.036	0.014	0.062	0.02	0.029	<0.0016
Cobalt as Co	NS	0.029	0.022	0.034	0.011	0.013	0.0065
Copper as Cu	0.2	0.052	0.011	0.19	<0.0029	0.039	0.014
Iron as Fe	0.5	**1210**	**1210**	**96.6**	**61.1**	**18.2**	**2.68**
Lead as Pb	0.025	**0.16**	**0.11**	**0.71**	**0.089**	**0.064**	**0.029**
Magnesium as Mg	35	**221**	**209**	**44.1**	**37.6**	**36.3**	33.5
Manganese as Mn	0.3	**14.9**	**15**	**2.72**	**2.5**	**1.65**	**1.45**
Mercury as Hg	0.0007	0.0004	0.00026	0.0013	0.00026	0.00041	0.000096
Nickel as Ni	0.1	0.03	<0.00050	**0.2**	0.025	0.023	<0.00050
Potassium as K	NS	107	108	25.2	22.8	25.4	23.8
Selenium as Se	0.01	<0.0043	<0.0043	<0.0043	<0.0043	<0.0043	<0.0043
Silver as Ag	0.05	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010
Sodium as Na	20	**2710**	**2940**	**69.2**	**67.9**	**199**	**157**
Thallium as Tl	0.0005	<0.0020	<0.0020	<0.0020	<0.0020	<0.0020	<0.0020
Vanadium as V	NS	<0.00050	<0.00050	0.057	0.025	0.03	0.0083
Zinc as Zn	2	1.03	0.96	**29.4**	**23.2**	0.068	0.043

Notes:

** - NYSDEC Ambient Water Quality Standards and Guidance Values 6/1998

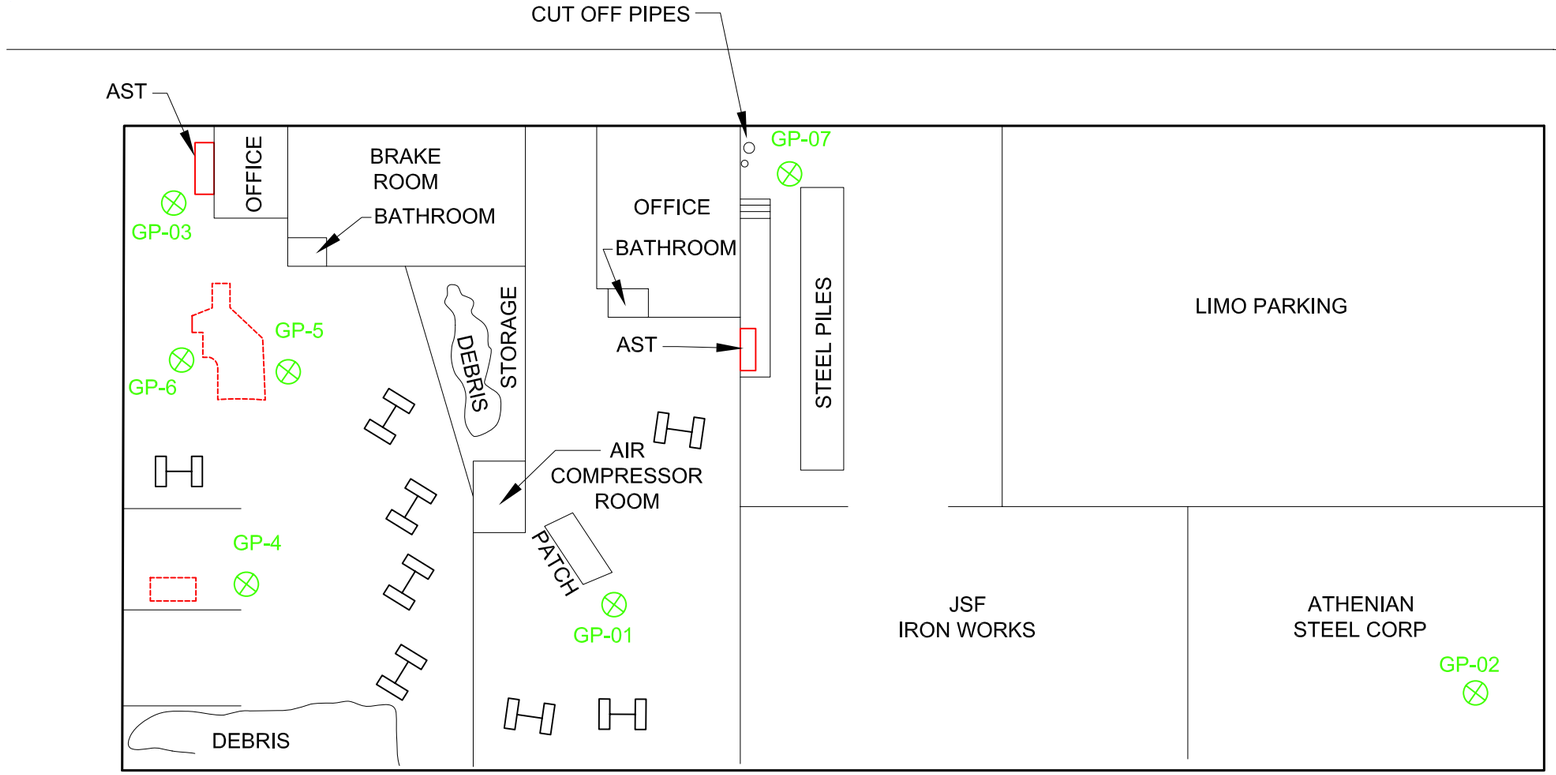
* - Guidance Value

NS - No Standard

Bold/highlighted- Indicated exceedance of the NYSDEC Groundwater Standard

Figures

BROADWAY



12th STREET

LEGEND

----------	METAL ANAMOLY
GP-02 ⊗	GEOPROBE SAMPLE LOCATION
⊢⊣	CAR LIFT

SITE PLAN

NOT TO SCALE

J:\Projects S-Z\SKL\0901\CAD\SITE PLAN.dwg

PWGC

Strategic Environmental & Engineering Solutions

630 JOHNSON AVE. • SUITE 7
BOHEMIA • NY • 11716-2618
PH: (631)589-6353 • FX: (631)589-8705
E-MAIL: INFO@PWGROSSER.COM

CONSULTANTS

DRAWINGS PREPARED FOR

REVISION	DATE	INITIAL	COMMENTS

DRAWING INFORMATION

PROJECT:	SKL0901	APPROVED BY:	PWG
DESIGNED BY:	DE	DATE:	1/30/09
DRAWN BY:	LLG	SCALE:	AS SHOWN

SHEET TITLE

SITE PLAN

11-06 BROADWAY
ASTORIA, NY

FIGURE NO 1

SHEET - OF -

Appendix A

NAEVA GEOPHYSICS INC.
THE LEADER IN SUBSURFACE DETECTION
Subsurface Geophysical Surveys

GPR
MAGNETICS
ELECTROMAGNETICS
SEISMICS
RESISTIVITY
UTILITY LOCATION
UXO DETECTION
BOREHOLE CAMERA
STAFF SUPPORT

January 26, 2009

Mr. Zeb Youngman

P.W. Grosser Consulting, Inc.
630 Johnson Avenue - Suite 7
Bohemia, New York 11716

Dear Mr. Youngman:

This letter summarizes the geophysical investigation conducted by NAEVA Geophysics on January 23, 2009, at 11-06 Broadway in Queens, New York. The purpose of this investigation was to search interior portions of the property for evidence of undocumented underground storage tanks (USTs). The property was sub-divided into four business referred to by the PW Grosser on-site representative as the Taxi Repair shop, the Auto Repair shop, the JSF Iron Works, and the Athenian Steel Corporation. Our investigation was limited to accessible portions of the floor area in each business. Areas covered by stored materials or parked vehicles could not be investigated.

NAEVA investigated accessible areas in each business using a Fisher TW-6 hand-held metal detector and ground penetrating radar (GPR). The Taxi Repair shop was the only interior whose floor was not underlain with reinforced concrete. Because interference from steel reinforcement prevents the use of the TW-6, GPR was the primary instrument utilized for UST detection in the other three businesses. It should be noted that the presence of concrete pavement, especially when reinforced, could hinder the effectiveness of the GPR. The depth of penetration through the reinforced concrete was limited to ~3feet, which may have not been sufficient enough to detect USTs if present.

Although no conclusive evidence for the presence of USTs was detected, two metal detector anomalies were located in the Taxi Repair shop and a non-reinforced concrete area was detected in the Auto Repair shop and in the JSF Iron Works. GPR profiles collected over each identified area did not aid in characterizing source of the anomalies.

Taxi Repair shop

The anomaly located to the east of the car lift was irregular shaped and the anomaly inside the painting room was rectangular, surrounded by a metal ring on the surface.

Auto Repair shop

The ground cover of the area delineated as non-reinforced concrete was visibly different from the surrounding concrete. An attempt was made to trace two cut pipes on the exterior southwest corner of the Auto Repair shop with no success in identifying the lines. The pipe farthest from the building gave two signals: one was traced to a termination point a few feet into the JSF Iron Works yard. The other appeared to terminate at a reinforced patch in the sidewalk a few feet away. GPR did not detect the presence of a UST at the terminations points. The other pipe was not detectable.

JSF Works

A non-reinforced concrete area was detected near the center of the shop.

MARYLAND
4707 Benson Ave.
Suite 104
Baltimore
Maryland 21227
(410) 536-7600
(410) 536-7602 Fax

NEW YORK
50 N. Harrison Ave.
Suite 11
Congers
New York 10920
(845) 268-1800
(845) 268-1802 Fax

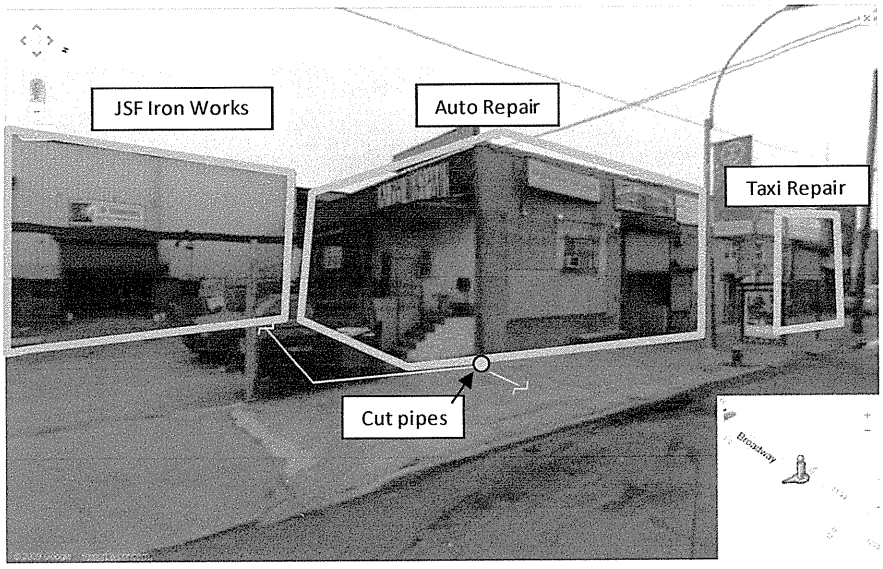
VIRGINIA
P.O. Box 7325
Charlottesville
Virginia 22906
(434) 978-3187
(434) 973-9791 Fax

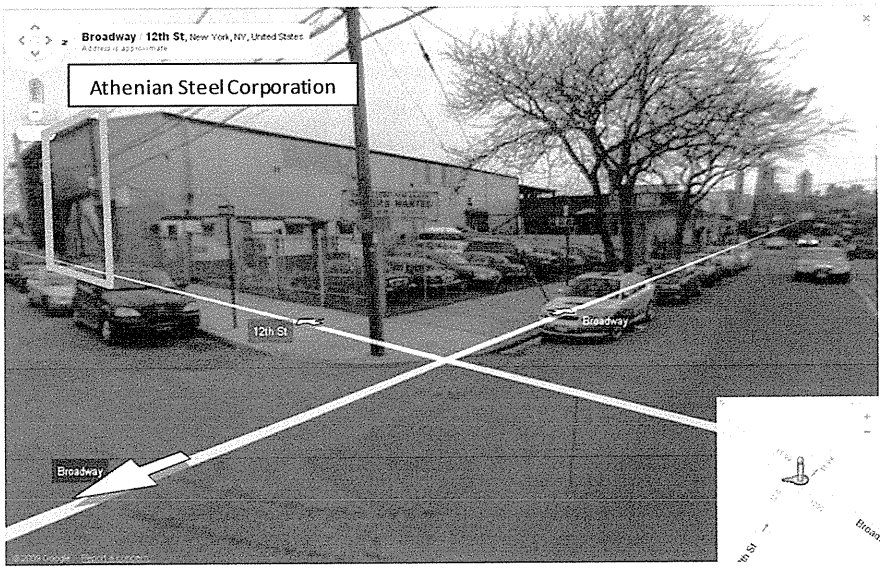
Please note that NAEVA did not perform a utility markout as part of this investigation. As always, we recommend you exercise caution when excavating near any detected features.

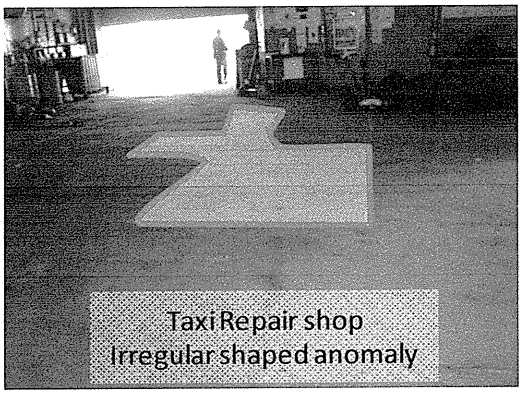
Thank you for the opportunity to work on this project. We look forward to providing subsurface locating services for you in the future. Please contact me with any questions or concerns.

Sincerely,

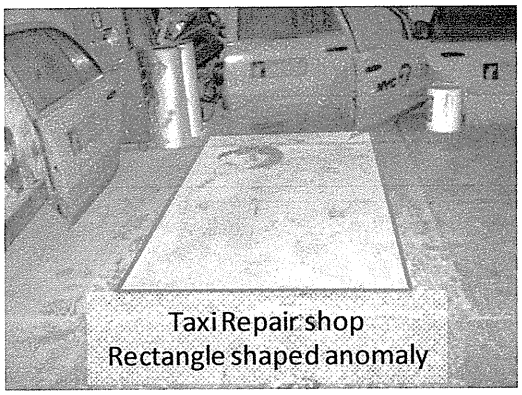
Kelly A. Weyer
Geologist: Project Manager
NAEVA Geophysics, Inc.





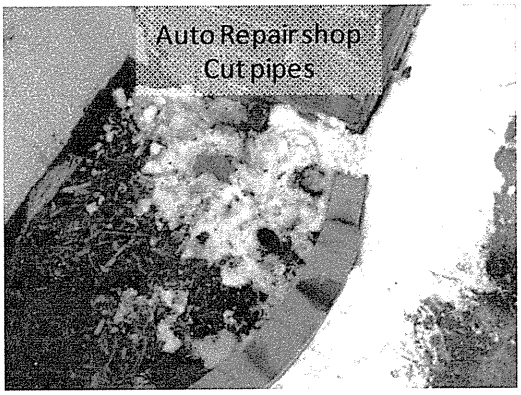


Taxi Repair shop
Irregular shaped anomaly

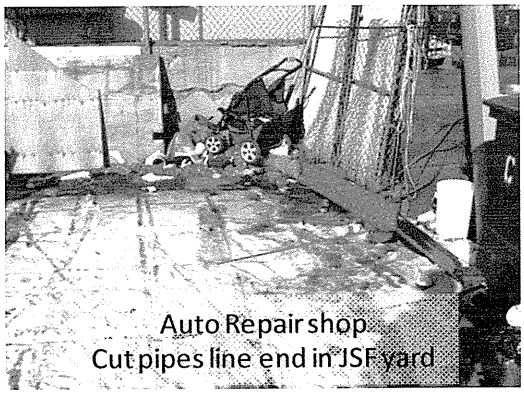


Taxi Repair shop
Rectangle shaped anomaly

Auto Repair shop
Non-reinforced concrete



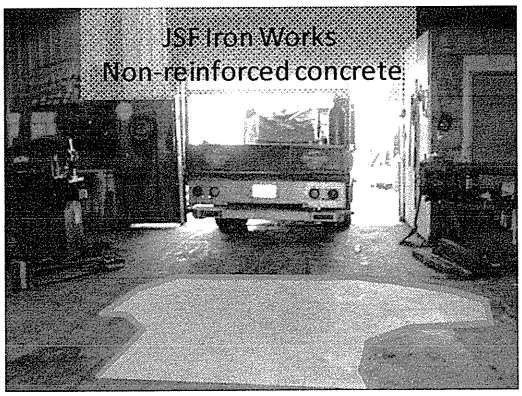
Auto Repair shop
Cut pipes



Auto Repair shop
Cut pipes line end in JSF yard

Auto Repair shop
Cut pipes line end at reinforced concrete

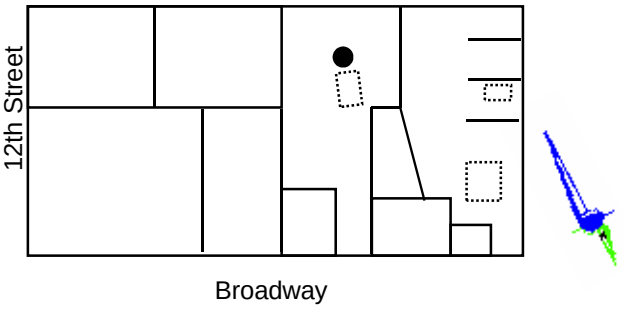
Auto Repair shop
Cut pipes line end at reinforced concrete



JSF Iron Works
Non-reinforced concrete

Appendix B

P.W. GROSSER
CONSULTING, INC.



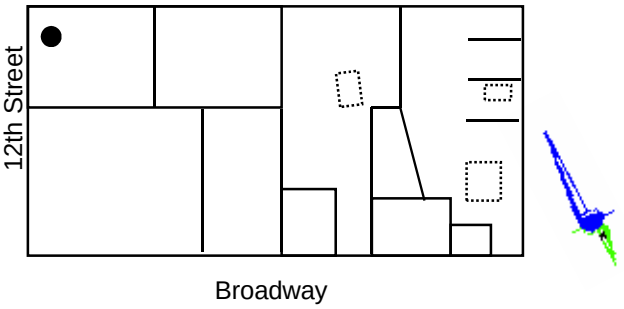
Approximate borehole locations at site

Boring # **GP-01**	MW#	Page 1	of 7
PROJECT: 11-06 Broadway - Astoria - NY			
JOB # SKL0901			
LOGGED BY:	DE	PRJ. MNGR.:	ZY
DRILLING CONTRACTOR: LVS Inc..			
DRILL METHOD: Geoprobe			
DRILLER: Manny & Helper			
Borehole diameter/drill bit type: **Macrocore (2" diameter)**		total depth	**12'**
		elevation	**NA**
HAMMER WT: NA		DROP: NA	
START TIME: 09:49		DATE: 1/23/2009	
COMPLETION TIME: 11:20		DATE: 1/23/2009	
BACKFILL TIME: 11:22		DATE: 1/23/2009	

Sample Depth	Advance (ft)	Recovered (ft)	Soil Description Unified Soil Classification System	Notes
0-4'	4	2	0-4': 1' Concrete. 1' Dry, poorly graded brown sand with silt. (SP-SM)	PID = 8.6 ppm. (No odor)
4-8'	4	3.5	4-6': 0.5' Dry, poorly graded brown sand with silt, (SP-SM) 1' Concrete.	PID = 20.1 ppm. (No odor)
			6-8': 2' Dry, poorly graded brown sand with silt. (SP-SM)	PID = 39.5 ppm. (No odor)
8-12'	4	2	8-10': 1' Dry, poorly graded dark brown sand. (SP)	PID = 7.5 ppm. (No odor)
			10-12': 1' Wet, poorly graded black sand with silt. (SP-SM)	PID = 26.1 ppm. (No odor)
				Soil sample collected from 8-10' at 10:20. Groundwater sample collected from 10-15' at 11:20.

Casing depth: NA
Screen depth: NA

P.W. GROSSER
CONSULTING, INC.



Approximate borehole locations at site

Boring # **GP-02**	MW#	Page 2	of 7
PROJECT: 11-06 Broadway - Astoria - NY			
JOB # SKL0901			
LOGGED BY:	DE	PRJ. MNGR.:	ZY
DRILLING CONTRACTOR: LVS Inc..			
DRILL METHOD: Geoprobe			
DRILLER: Manny & Helper			
Borehole diameter/drill bit type: **Macrocore (2" diameter)**		total depth	**12'**
		elevation	**NA**
HAMMER WT: NA		DROP: NA	
START TIME: 11:36		DATE: 1/23/2009	
COMPLETION TIME: 12:36		DATE: 1/23/2009	
BACKFILL TIME: 12:38		DATE: 1/23/2009	

Sample Depth	Advance (ft)	Recovered (ft)	Soil Description Unified Soil Classification System	Notes	Casing depth: NA / Screen depth: NA
0-4'	4	2.5	0-2': 0.5' Concrete. 0.75' Dry, poorly graded brown sand with silt. (SP-SM)	PID = 1.1 ppm. (No odor)	
			1' Moist, poorly graded black sand with silt. (SP-SM) 0.25' Dry, poorly graded brown sand with silt. (SP-SM)	PID = 9.5 ppm. (No odor)	
4-8'	4	1	4-8': 1' Dry, poorly graded brown sand with silt. (SP-SM) Rock pieces.	PID = 45.6 ppm. (No odor)	
				Soil sample collected from 4-8' at 11:55.	
8-12'	4	3	8-10': 1.5' Wet, silty dark brown sand. (SM)	PID = 149 ppm. (Solvent odor)	
			10-12': 1' Wet silty dark brown sand. (SM) 0.5' Wet, clayey dark brown sand. (SC)	PID = 71.5 ppm. (Solvent odor)	
				Soil sample collected from 8-10' at 11:56. Groundwater sample collected from 10-15' at 12:36.	

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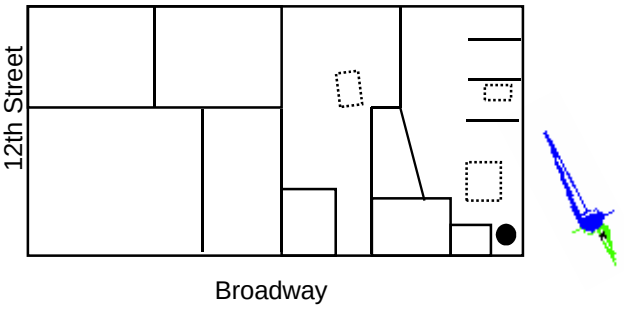
CONSULTING, INC.



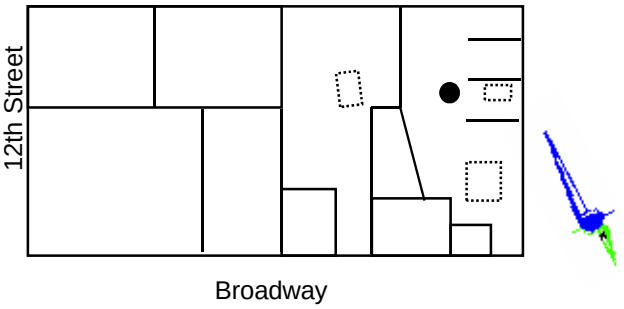
Approximate borehole locations at site

Boring # **GP-03**	MW#	Page 3	of 7
PROJECT: 11-06 Broadway - Astoria - NY			
JOB # SKL0901			
LOGGED BY:	DE	PRJ. MNGR.:	ZY
DRILLING CONTRACTOR: LVS Inc..			
DRILL METHOD: Geoprobe			
DRILLER: Manny & Helper			
Borehole diameter/drill bit type: **Macrocore (2" diameter)**		total depth	**16'**
		elevation	**NA**
HAMMER WT: NA		DROP: NA	
START TIME: 12:45		DATE: 1/23/2009	
COMPLETION TIME: 15:01		DATE: 1/23/2009	
BACKFILL TIME: 15:05		DATE: 1/23/2009	

Sample Depth	Advance (ft)	Recovered (ft)	Soil Description Unified Soil Classification System	Notes
0-4'	4	2	0-4': 1.5' Dry, poorly graded dark brown sand with silt. (SP-SM) 0.5' Moist, poorly graded brown sand with silt. (SP-SM)	PID = 14.9 ppm. (No odor)
4-8'	4	2	4-8': 1.5' Dry, poorly graded dark brown sand with silt. (SP-SM) 0.5' Moist, poorly graded brown sand with silt. (SP-SM)	PID = 29.3 ppm. (No odor)
				Soil sample collected from 4-8' at 13:12.
8-12'	4	1.5	8-12": 1.5' Moist, clayey brown sand. (SC)	PID = 7.5 ppm. (No odor)
12-16'	4	3	12-14': 1.5' Wet, silty brown sand. (SM)	PID = 7.3 ppm. (No odor)
			14-16': 1.5' Wet, silty brown sand. (SM)	PID = 7.3 ppm. (No odor)
				Groundwater sample collected from 10-15' at 15:01.

Casing depth: NA
Screen depth: NA

P.W. GROSSER
CONSULTING, INC.



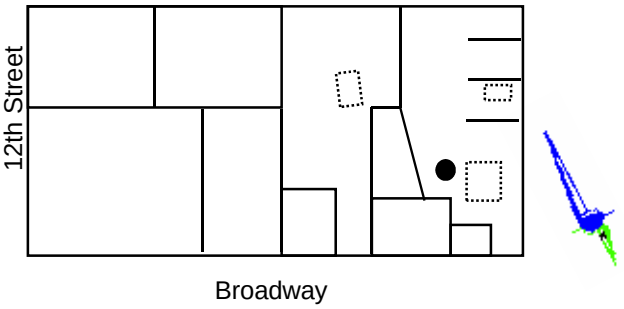
Approximate borehole locations at site

Boring # **GP-04**	MW#	Page 4	of 7
PROJECT: 11-06 Broadway - Astoria - NY			
JOB # SKL0901			
LOGGED BY:	DE	PRJ. MNGR.:	ZY
DRILLING CONTRACTOR: LVS Inc..			
DRILL METHOD: Geoprobe			
DRILLER: Manny & Helper			
Borehole diameter/drill bit type: **Macrocore (2" diameter)**		total depth	**16'**
		elevation	**NA**
HAMMER WT: NA		DROP: NA	
START TIME: 13:19		DATE: 1/23/2009	
COMPLETION TIME: 13:45		DATE: 1/23/2009	
BACKFILL TIME: 13:46		DATE: 1/23/2009	

Sample Depth	Advance (ft)	Recovered (ft)	Soil Description Unified Soil Classification System	Notes
0-4'	4	3	0-2': 0.5' Concrete. 1' Dry, poorly graded brown sand with silt. (SP-SM) 2-4': 1.5' Dry, poorly graded brown sand with silt. (SP-SM)	PID = 6.1 ppm. (No odor) PID = 7.0 ppm. (No odor)
4-8'	4	3	4-6': 1.5' Dry, poorly graded brown sand with silt. (SP-SM) 6-8': 1' Dry, poorly graded brown sand with silt. (SP-SM) Crushed red brick. 0.5' Moist, clayey brown sand. (SC)	PID = 6.5 ppm. (No odor) PID = 14.6 ppm. (No odor)
				Soil sample collected from 6-8' at 13:45.
8-12'	4	3	8-10': 1.5' Moist, poorly graded brown sand with silt. (SP-SM) 10-12': 1.5' Moist, poorly graded dark brown sand with silt. (SP-SM)	PID = 24.1 ppm. (No odor) PID = 19.9 ppm. (No odor)
12-16'	4	4	12-14': 2' Moist, poorly graded brown sand with silt. (SP-SM) 14-16': 2' Wet, clayey black sand. (SC)	PID = 33.8 ppm. (No odor) PID = 42.1 ppm. (No odor)

Casing depth: NA
Screen depth: NA

P.W. GROSSER
CONSULTING, INC.



Approximate borehole locations at site

Boring # **GP-05**	MW#	Page 5	of 7
PROJECT: 11-06 Broadway - Astoria - NY			
JOB # SKL0901			
LOGGED BY:	DE	PRJ. MNGR.:	ZY
DRILLING CONTRACTOR: LVS Inc..			
DRILL METHOD: Geoprobe			
DRILLER: Manny & Helper			
Borehole diameter/drill bit type: **Macrocore (2" diameter)**		total depth	**12'**
		elevation	**NA**
HAMMER WT: NA		DROP: NA	
START TIME: 13:46		DATE: 1/23/2009	
COMPLETION TIME: 13:57		DATE: 1/23/2009	
BACKFILL TIME: 13:58		DATE: 1/23/2009	

Sample Depth	Advance (ft)	Recovered (ft)	Soil Description Unified Soil Classification System	Notes	Casing depth: NA / Screen depth: NA
0-4'	4	2	0-4': 0.5' Concrete. 1.5' Dry, poorly graded dark brown sand with silt. (SP-SM)	PID = 25.3 ppm. (No odor)	
4-8'	4	1.5	4-8': 1.5' Dry, poorly graded brown sand with silt. (SP-SM)	PID = 6.0 ppm. (No odor)	
				Soil sample collected from 4-8' at 13:57.	
8-12'	4	2	8-12': 2' Wet, silty black sand. (SM)	PID = 4.2 ppm. (Organic odor)	

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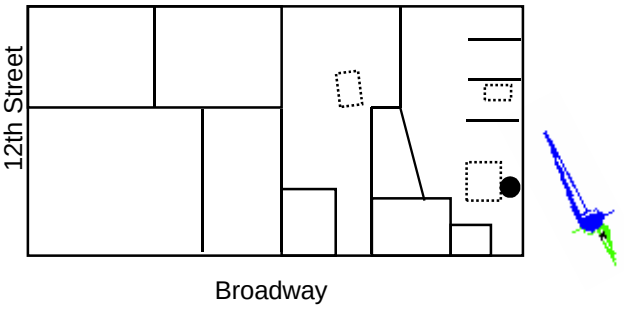
CONSULTING, INC.



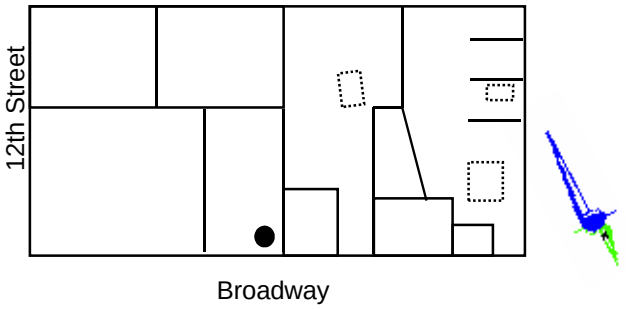
Approximate borehole locations at site

Boring # **GP-06**	MW#	Page 6	of 7
PROJECT: 11-06 Broadway - Astoria - NY			
JOB # SKL0901			
LOGGED BY:	DE	PRJ. MNGR.:	ZY
DRILLING CONTRACTOR: LVS Inc..			
DRILL METHOD: Geoprobe			
DRILLER: Manny & Helper			
Borehole diameter/drill bit type: **Macrocore (2" diameter)**		total depth	**16'**
		elevation	**NA**
HAMMER WT: NA		DROP: NA	
START TIME: 13:58		DATE: 1/23/2009	
COMPLETION TIME: 14:19		DATE: 1/23/2009	
BACKFILL TIME: 14:22		DATE: 1/23/2009	

Sample Depth	Advance (ft)	Recovered (ft)	Soil Description Unified Soil Classification System	Notes
0-4'	4	2	0-4': 0.5' Concrete. 0.5' Dry, poorly graded dark brown sand with silt. (SP-SM) 0.5' Concrete. 0.5' Dry, poorly graded dark brown sand with silt. (SP-SM)	PID = 10.1 ppm. (No odor)
4-8'	4	2.5	4-6': 1.25' Dry, poorly graded light brown sand. (SP) Crushed rock.	PID = 23.1 ppm. (No odor)
			6-8': 1.25' Dry, poorly graded light brown sand. (SP) Crushed rock.	PID = 30.8 ppm. (No odor)
				Soil sample collected from 6-8' at 14:19.
8-12'	4	0.5	8-12': 0.5' Moist, poorly graded light brown sand. (SP) Crushed rock.	PID = 5.8 ppm. (No odor)
12-16'	4	4	12-14': 2' Wet, clayey black sand. (SC)	PID = 7.1 ppm. (Organic odor)
			14-16': 2' Wet, clayey black sand. (SC)	PID = 6.0 ppm. (Organic odor)

Casing depth: NA
Screen depth: NA

P.W. GROSSER
CONSULTING, INC.



Approximate borehole locations at site

Boring # **GP-07**	MW#	Page 7	of 7
PROJECT: 11-06 Broadway - Astoria - NY			
JOB # SKL0901			
LOGGED BY:	DE	PRJ. MNGR.:	ZY
DRILLING CONTRACTOR: LVS Inc..			
DRILL METHOD: Geoprobe			
DRILLER: Manny & Helper			
Borehole diameter/drill bit type: **Macrocore (2" diameter)**		total depth	**12'**
		elevation	**NA**
HAMMER WT: NA		DROP: NA	
START TIME: 14:35		DATE: 1/23/2009	
COMPLETION TIME: 15:21		DATE: 1/23/2009	
BACKFILL TIME: 15:25		DATE: 1/23/2009	

Sample Depth	Advance (ft)	Recovered (ft)	Soil Description Unified Soil Classification System	Notes
0-4'	4	2	0-4': 2' Dry, poorly graded gray sand with silt. (SP-SM)	PID = 38.3 ppm. (Solvent odor)
				Soil sample collected from 0-4' at 14:53.
4-8'	4	0.1	4-8': 0.1' Moist, poorly graded brown sand with silt. (SP-SM)	PID = 12.6 ppm. (Solvent odor)
8-12'	4	1	8-12': 1' Wet, poorly graded dark brown sand with silt. (SP-SM)	PID = 100 ppm. (Solvent odor)
				Soil sample collected from 8-12' at 14:53. Groundwater sample collected from 10-15' at 15:21.

Casing depth: NA
Screen depth: NA

Appendix C

Environmental Testing Laboratories, Inc.
208 Route 109, Farmingdale NY 11735
Phone - 631-249-1456 Fax - 631-249-8344

02/04/2009

Laboratory Identifier: 0901338

Received: 01/23/2009 17:15
Sampled by: Derek Ersbak

Client: PW Grosser Consulting Engineers PC

630 Johnson Avenue - Suite 7
Bohemia,
NY 11716-2618

Project: SKL0901

11-06 Broadway
Astoria,
NY

Manager: Zeb Youngman

Respectfully submitted,

Technical Director

NYS Lab ID # 10969
NJ Cert. # 73812
CT Cert. # PH0645
MA Cert. # NY061
PA Cert. #002

Environmental Testing Laboratories, Inc.
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02/04/2009

STARS Volatile Compounds by SW 846 8260

Sample: 0901338-4
Client Sample ID: GP-04 (6-8')
Matrix: Soil
Type: Grab
Remarks: See Case Narrative
Analyzed Date: 01/29/2009

Collected: 01/23/2009 13:45
% Solid: 79.6%

Analytical Results

Cas No	Analyte	File ID	MDL	Concentration*	Units	Q
95-63-6	1,2,4-Trimethylbenzene	B2813-7974	0.47	0.47	ug/Kg	U
108-67-8	1,3,5-Trimethylbenzene	B2813-7974	0.55	0.55	ug/Kg	U
71-43-2	Benzene	B2813-7974	0.67	0.67	ug/Kg	U
100-41-4	Ethylbenzene	B2813-7974	0.66	0.66	ug/Kg	U
98-82-8	Cumene	B2813-7974	0.55	0.55	ug/Kg	U
108-38-3	m,p-Xylene	B2813-7974	1.13	1.13	ug/Kg	U
1634-04-4	Methyl tertiary butyl ether	B2813-7974	0.66	0.66	ug/Kg	U
104-51-8	n-Butylbenzene	B2813-7974	0.60	0.60	ug/Kg	U
103-65-1	n-Propylbenzene	B2813-7974	0.58	0.58	ug/Kg	U
91-20-3	Naphthalene	B2813-7974	0.57	0.57	ug/Kg	U
95-47-6	o-Xylene	B2813-7974	0.49	0.49	ug/Kg	U
99-87-6	4-Isopropyltoluene	B2813-7974	0.59	0.59	ug/Kg	U
135-98-8	sec-Butylbenzene	B2813-7974	0.57	0.57	ug/Kg	U
98-06-6	tert-Butylbenzene	B2813-7974	0.67	0.67	ug/Kg	U
108-88-3	Toluene	B2813-7974	0.60	0.60	ug/Kg	U
1330-20-7	Xylenes (Total)	B2813-7974	1.13	1.13	ug/Kg	U

* Results are reported on a dry weight basis

Surrogate Results

Cas No	Analyte	File ID	% Recovery	QC Limits	Q
17060-07-0	1,2-DICHLOROETHANE-D4	B2813-7974	113.0 %	(69 - 134)	
460-00-4	4-BROMOFLUOROBENZENE	B2813-7974	93.3 %	(74 - 123)	
4774-33-8	DIBROMOFLUOROMETHANE	B2813-7974	111.0 %	(75 - 136)	
2037-26-5	TOLUENE-D8	B2813-7974	105.0 %	(86 - 125)	

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02/04/2009

STARS Volatile Compounds by SW 846 8260

Sample: 0901338-5

Client Sample ID: GP-05 (4-8')
Matrix: Soil
Type: Grab
Remarks: See Case Narrative
Analyzed Date: 01/29/2009

Collected: 01/23/2009 13:57
% Solid: 84.3%

Analytical Results

Cas No	Analyte	File ID	MDL	Concentration*	Units	Q
95-63-6	1,2,4-Trimethylbenzene	B2813-7975	0.44	0.44	ug/Kg	U
108-67-8	1,3,5-Trimethylbenzene	B2813-7975	0.52	0.52	ug/Kg	U
71-43-2	Benzene	B2813-7975	0.63	0.63	ug/Kg	U
100-41-4	Ethylbenzene	B2813-7975	0.62	0.62	ug/Kg	U
98-82-8	Cumene	B2813-7975	0.52	0.52	ug/Kg	U
108-38-3	m,p-Xylene	B2813-7975	1.07	1.07	ug/Kg	U
1634-04-4	Methyl tertiary butyl ether	B2813-7975	0.62	0.62	ug/Kg	U
104-51-8	n-Butylbenzene	B2813-7975	0.57	0.57	ug/Kg	U
103-65-1	n-Propylbenzene	B2813-7975	0.55	0.55	ug/Kg	U
91-20-3	Naphthalene	B2813-7975	0.54	0.54	ug/Kg	U
95-47-6	o-Xylene	B2813-7975	0.46	0.46	ug/Kg	U
99-87-6	4-Isopropyltoluene	B2813-7975	0.56	0.56	ug/Kg	U
135-98-8	sec-Butylbenzene	B2813-7975	0.54	0.54	ug/Kg	U
98-06-6	tert-Butylbenzene	B2813-7975	0.63	0.63	ug/Kg	U
108-88-3	Toluene	B2813-7975	0.57	0.57	ug/Kg	U
1330-20-7	Xylenes (Total)	B2813-7975	1.07	1.07	ug/Kg	U

* Results are reported on a dry weight basis

Surrogate Results

Cas No	Analyte	File ID	% Recovery	QC Limits	Q
17060-07-0	1,2-DICHLOROETHANE-D4	B2813-7975	115.0 %	(69 - 134)	
460-00-4	4-BROMOFLUOROBENZENE	B2813-7975	90.5 %	(74 - 123)	
4774-33-8	DIBROMOFLUOROMETHANE	B2813-7975	116.0 %	(75 - 136)	
2037-26-5	TOLUENE-D8	B2813-7975	105.0 %	(86 - 125)	

Environmental Testing Laboratories, Inc.
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02/04/2009

STARS Volatile Compounds by SW 846 8260

Sample: 0901338-6

Client Sample ID: GP-06 (6-8')
Matrix: Soil
Type: Grab
Remarks: See Case Narrative
Analyzed Date: 01/29/2009

Collected: 01/23/2009 14:14
% Solid: 90.1%

Analytical Results

Cas No	Analyte	File ID	MDL	Concentration*	Units	Q
95-63-6	1,2,4-Trimethylbenzene	B2813-7976	0.41	0.41	ug/Kg	U
108-67-8	1,3,5-Trimethylbenzene	B2813-7976	0.49	0.49	ug/Kg	U
71-43-2	Benzene	B2813-7976	0.59	0.59	ug/Kg	U
100-41-4	Ethylbenzene	B2813-7976	0.58	0.58	ug/Kg	U
98-82-8	Cumene	B2813-7976	0.49	0.49	ug/Kg	U
108-38-3	m,p-Xylene	B2813-7976	1.00	1.00	ug/Kg	U
1634-04-4	Methyl tertiary butyl ether	B2813-7976	0.58	0.58	ug/Kg	U
104-51-8	n-Butylbenzene	B2813-7976	0.53	0.53	ug/Kg	U
103-65-1	n-Propylbenzene	B2813-7976	0.51	0.51	ug/Kg	U
91-20-3	Naphthalene	B2813-7976	0.50	0.50	ug/Kg	U
95-47-6	o-Xylene	B2813-7976	0.43	0.43	ug/Kg	U
99-87-6	4-Isopropyltoluene	B2813-7976	0.52	0.52	ug/Kg	U
135-98-8	sec-Butylbenzene	B2813-7976	0.50	0.50	ug/Kg	U
98-06-6	tert-Butylbenzene	B2813-7976	0.59	0.59	ug/Kg	U
108-88-3	Toluene	B2813-7976	0.53	0.53	ug/Kg	U
1330-20-7	Xylenes (Total)	B2813-7976	1.00	1.00	ug/Kg	U

* Results are reported on a dry weight basis

Surrogate Results

Cas No	Analyte	File ID	% Recovery	QC Limits	Q
17060-07-0	1,2-DICHLOROETHANE-D4	B2813-7976	114.0 %	(69 - 134)	
460-00-4	4-BROMOFLUOROBENZENE	B2813-7976	90.9 %	(74 - 123)	
4774-33-8	DIBROMOFLUOROMETHANE	B2813-7976	111.0 %	(75 - 136)	
2037-26-5	TOLUENE-D8	B2813-7976	105.0 %	(86 - 125)	

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02/04/2009

Volatiles - EPA 8260B

Sample: 0901338-1

Client Sample ID: GP-01 (8-10')
Matrix: Soil
Type: Grab
Remarks: See Case Narrative
Analyzed Date: 01/29/2009

Collected: 01/23/2009 10:20
% Solid: 85.9%

Analytical Results

Cas No	Analyte	File ID	MDL	Concentration*	Units	Q
630-20-6	1,1,1,2-Tetrachloroethane	B2813-7971	0.53	0.53	ug/Kg	U
71-55-6	1,1,1-Trichloroethane	B2813-7971	0.60	0.60	ug/Kg	U
79-34-5	1,1,2,2-Tetrachloroethane	B2813-7971	0.70	0.70	ug/Kg	U
79-00-5	1,1,2-Trichloroethane	B2813-7971	0.73	0.73	ug/Kg	U
76-13-1	Freon 113	B2813-7971	0.60	0.60	ug/Kg	U
75-34-3	1,1-Dichloroethane	B2813-7971	0.66	0.66	ug/Kg	U
75-35-4	1,1-Dichloroethylene	B2813-7971	0.43	0.43	ug/Kg	U
563-58-6	1,1-Dichlorpropene	B2813-7971	0.61	0.61	ug/Kg	U
87-61-6	1,2,3-Trichlorobenzene	B2813-7971	0.56	0.56	ug/Kg	U
96-18-4	1,2,3-Trichloropropane	B2813-7971	0.82	0.82	ug/Kg	U
95-93-2	1,2,4,5-Tetramethylbenzene	B2813-7971	0.46	0.46	ug/Kg	U
120-82-1	1,2,4-Trichlorobenzene	B2813-7971	0.39	0.39	ug/Kg	U
95-63-6	1,2,4-Trimethylbenzene	B2813-7971	0.43	0.43	ug/Kg	U
96-12-8	1,2-Dibromo-3-chloropropane	B2813-7971	0.53	0.53	ug/Kg	U
106-93-4	1,2-Dibromoethane	B2813-7971	0.68	0.68	ug/Kg	U
95-50-1	1,2-Dichlorobenzene	B2813-7971	0.55	0.55	ug/Kg	U
107-06-2	1,2-Dichloroethane	B2813-7971	0.67	0.67	ug/Kg	U
78-87-5	1,2-Dichloropropane	B2813-7971	0.68	0.68	ug/Kg	U
108-67-8	1,3,5-Trimethylbenzene	B2813-7971	0.51	0.51	ug/Kg	U
541-73-1	1,3-Dichlorobenzene	B2813-7971	0.61	0.61	ug/Kg	U
142-28-9	1,3-Dichloropropane	B2813-7971	0.60	0.60	ug/Kg	U
106-46-7	1,4-Dichlorobenzene	B2813-7971	0.56	0.56	ug/Kg	U
590-20-7	2,2-Dichloropropane	B2813-7971	0.68	0.68	ug/Kg	U
78-93-3	Methyl ethyl ketone (2-Butanone)	B2813-7971	2.58	2.58	ug/Kg	U
110-75-8	2-Chloroethyl vinyl ether	B2813-7971	0.74	0.74	ug/Kg	U
95-49-8	2-Chlorotoluene	B2813-7971	0.61	0.61	ug/Kg	U
591-78-6	2-Hexanone	B2813-7971	2.30	2.30	ug/Kg	U
106-43-4	4-Chlorotoluene	B2813-7971	0.58	0.58	ug/Kg	U
99-87-6	4-Isopropyltoluene	B2813-7971	0.55	0.55	ug/Kg	U
108-10-1	4-Methyl-2-pentanone (MIBK)	B2813-7971	2.49	2.49	ug/Kg	U
67-64-1	2-Propanone	B2813-7971	3.02	**65.5**	ug/Kg	
107-13-1	Acrylonitrile	B2813-7971	8.11	8.11	ug/Kg	U

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208 Route 109, Farmingdale NY 11735
Phone - 631-249-1456 Fax - 631-249-8344

02/04/2009

Volatiles - EPA 8260B

Sample: 0901338-1

Client Sample ID: GP-01 (8-10')
Matrix: Soil
Type: Grab
Collected: 01/23/2009 10:20
% Solid: 85.9%
Remarks: See Case Narrative
Analyzed Date: 01/29/2009

Analytical Results

Cas No	Analyte	File ID	MDL	Concentration*	Units	Q
71-43-2	Benzene	B2813-7971	0.61	0.61	ug/Kg	U
108-86-1	Bromobenzene	B2813-7971	0.59	0.59	ug/Kg	U
74-97-5	Bromochloromethane	B2813-7971	0.67	0.67	ug/Kg	U
75-27-4	Bromodichloromethane	B2813-7971	0.55	0.55	ug/Kg	U
75-25-2	Bromoform	B2813-7971	0.56	0.56	ug/Kg	U
74-83-9	Bromomethane	B2813-7971	0.57	0.57	ug/Kg	U
156-59-2	cis-1,2-Dichloroethylene	B2813-7971	0.52	0.52	ug/Kg	U
10061-01-5	cis-1,3-Dichloropropene	B2813-7971	0.59	0.59	ug/Kg	U
75-15-0	Carbon disulfide	B2813-7971	0.55	**1.63**	ug/Kg	J
56-23-5	Carbon tetrachloride	B2813-7971	0.65	0.65	ug/Kg	U
108-90-7	Chlorobenzene	B2813-7971	0.71	0.71	ug/Kg	U
75-45-6	Chlorodifluoromethane	B2813-7971	1.02	1.02	ug/Kg	U
75-00-3	Chloroethane	B2813-7971	0.81	0.81	ug/Kg	U
67-66-3	Chloroform	B2813-7971	0.68	0.68	ug/Kg	U
74-87-3	Chloromethane	B2813-7971	0.58	0.58	ug/Kg	U
124-48-1	Dibromochloromethane	B2813-7971	0.53	0.53	ug/Kg	U
74-95-3	Dibromomethane	B2813-7971	0.92	0.92	ug/Kg	U
75-71-8	Dichlorodifluoromethane	B2813-7971	0.43	0.43	ug/Kg	U
100-41-4	Ethylbenzene	B2813-7971	0.60	0.60	ug/Kg	U
87-68-3	Hexachlorobutadiene	B2813-7971	0.56	0.56	ug/Kg	U
98-82-8	Cumene	B2813-7971	0.51	0.51	ug/Kg	U
108-38-3	m,p-Xylene	B2813-7971	1.04	1.04	ug/Kg	U
1634-04-4	Methyl tertiary butyl ether	B2813-7971	0.60	0.60	ug/Kg	U
75-09-2	Methylene Chloride	B2813-7971	1.09	1.09	ug/Kg	U
104-51-8	n-Butylbenzene	B2813-7971	0.56	0.56	ug/Kg	U
103-65-1	n-Propylbenzene	B2813-7971	0.53	0.53	ug/Kg	U
91-20-3	Naphthalene	B2813-7971	0.52	0.52	ug/Kg	U
95-47-6	o-Xylene	B2813-7971	0.45	0.45	ug/Kg	U
105-05-5	p-Diethylbenzene	B2813-7971	0.53	0.53	ug/Kg	U
622-96-8	p-Ethyltoluene	B2813-7971	0.49	0.49	ug/Kg	U
135-98-8	sec-Butylbenzene	B2813-7971	0.52	0.52	ug/Kg	U
100-42-5	Styrene	B2813-7971	0.50	0.50	ug/Kg	U

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02/04/2009

Volatiles - EPA 8260B

Sample: 0901338-1

Client Sample ID: GP-01 (8-10')
Matrix: Soil
Remarks: See Case Narrative
Analyzed Date: 01/29/2009

Type: Grab

Collected: 01/23/2009 10:20
% Solid: 85.9%

Analytical Results

Cas No	Analyte	File ID	MDL	Concentration*	Units	Q
156-60-5	trans-1,2-Dichloroethylene	B2813-7971	0.53	0.53	ug/Kg	U
10061-02-6	trans-1,3-Dichloropropene	B2813-7971	0.49	0.49	ug/Kg	U
994-05-8	TAME	B2813-7971	0.73	0.73	ug/Kg	U
98-06-6	tert-Butylbenzene	B2813-7971	0.61	0.61	ug/Kg	U
75-65-0	Tertiary butyl alcohol	B2813-7971	6.25	6.25	ug/Kg	U
127-18-4	Tetrachloroethylene	B2813-7971	0.52	0.52	ug/Kg	U
108-88-3	Toluene	B2813-7971	0.56	**0.91**	ug/Kg	J
79-01-6	TCE	B2813-7971	0.57	0.57	ug/Kg	U
75-69-4	Freon 11	B2813-7971	0.65	0.65	ug/Kg	U
75-01-4	Vinyl Chloride	B2813-7971	0.79	0.79	ug/Kg	U

* Results are reported on a dry weight basis

Surrogate Results

Cas No	Analyte	File ID	% Recovery	QC Limits	Q
17060-07-0	1,2-DICHLOROETHANE-D4	B2813-7971	114.0 %	(69 - 134)	
460-00-4	4-BROMOFLUOROBENZENE	B2813-7971	90.7 %	(74 - 123)	
4774-33-8	DIBROMOFLUOROMETHANE	B2813-7971	114.0 %	(75 - 136)	
2037-26-5	TOLUENE-D8	B2813-7971	102.0 %	(86 - 125)	

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02/04/2009

Volatiles - EPA 8260B

Sample: 0901338-2
Client Sample ID: GP-02 (4-8')
Matrix: Soil
Type: Grab
Collected: 01/23/2009 11:55
% Solid: 89.4%
Remarks: See Case Narrative
Analyzed Date: 01/29/2009

Analytical Results

Cas No	Analyte	File ID	MDL	Concentration*	Units	Q
630-20-6	1,1,1,2-Tetrachloroethane	B2813-7972	0.52	0.52	ug/Kg	U
71-55-6	1,1,1-Trichloroethane	B2813-7972	0.58	0.58	ug/Kg	U
79-34-5	1,1,2,2-Tetrachloroethane	B2813-7972	0.67	0.67	ug/Kg	U
79-00-5	1,1,2-Trichloroethane	B2813-7972	0.71	0.71	ug/Kg	U
76-13-1	Freon 113	B2813-7972	0.58	0.58	ug/Kg	U
75-34-3	1,1-Dichloroethane	B2813-7972	0.64	0.64	ug/Kg	U
75-35-4	1,1-Dichloroethylene	B2813-7972	0.41	0.41	ug/Kg	U
563-58-6	1,1-Dichlorpropene	B2813-7972	0.59	0.59	ug/Kg	U
87-61-6	1,2,3-Trichlorobenzene	B2813-7972	0.54	0.54	ug/Kg	U
96-18-4	1,2,3-Trichloropropane	B2813-7972	0.80	0.80	ug/Kg	U
95-93-2	1,2,4,5-Tetramethylbenzene	B2813-7972	0.45	**33.9**	ug/Kg	
120-82-1	1,2,4-Trichlorobenzene	B2813-7972	0.38	0.38	ug/Kg	U
95-63-6	1,2,4-Trimethylbenzene	B2813-7972	0.41	0.41	ug/Kg	U
96-12-8	1,2-Dibromo-3-chloropropane	B2813-7972	0.52	0.52	ug/Kg	U
106-93-4	1,2-Dibromoethane	B2813-7972	0.66	0.66	ug/Kg	U
95-50-1	1,2-Dichlorobenzene	B2813-7972	0.53	0.53	ug/Kg	U
107-06-2	1,2-Dichloroethane	B2813-7972	0.65	0.65	ug/Kg	U
78-87-5	1,2-Dichloropropane	B2813-7972	0.66	0.66	ug/Kg	U
108-67-8	1,3,5-Trimethylbenzene	B2813-7972	0.49	0.49	ug/Kg	U
541-73-1	1,3-Dichlorobenzene	B2813-7972	0.59	0.59	ug/Kg	U
142-28-9	1,3-Dichloropropane	B2813-7972	0.58	0.58	ug/Kg	U
106-46-7	1,4-Dichlorobenzene	B2813-7972	0.54	0.54	ug/Kg	U
590-20-7	2,2-Dichloropropane	B2813-7972	0.66	0.66	ug/Kg	U
78-93-3	Methyl ethyl ketone (2-Butanone)	B2813-7972	2.49	2.49	ug/Kg	U
110-75-8	2-Chloroethyl vinyl ether	B2813-7972	0.72	0.72	ug/Kg	U
95-49-8	2-Chlorotoluene	B2813-7972	0.59	0.59	ug/Kg	U
591-78-6	2-Hexanone	B2813-7972	2.22	2.22	ug/Kg	U
106-43-4	4-Chlorotoluene	B2813-7972	0.56	0.56	ug/Kg	U
99-87-6	4-Isopropyltoluene	B2813-7972	0.53	0.53	ug/Kg	U
108-10-1	4-Methyl-2-pentanone (MIBK)	B2813-7972	2.41	2.41	ug/Kg	U
67-64-1	2-Propanone	B2813-7972	2.91	**63.2**	ug/Kg	
107-13-1	Acrylonitrile	B2813-7972	7.83	7.83	ug/Kg	U

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Phone - 631-249-1456 Fax - 631-249-8344

02/04/2009

Volatiles - EPA 8260B

Sample: 0901338-2
Client Sample ID: GP-02 (4-8')
Matrix: Soil
Type: Grab
Collected: 01/23/2009 11:55
% Solid: 89.4%
Remarks: See Case Narrative
Analyzed Date: 01/29/2009

Analytical Results

Cas No	Analyte	File ID	MDL	Concentration*	Units	Q
71-43-2	Benzene	B2813-7972	0.59	0.59	ug/Kg	U
108-86-1	Bromobenzene	B2813-7972	0.57	0.57	ug/Kg	U
74-97-5	Bromochloromethane	B2813-7972	0.65	0.65	ug/Kg	U
75-27-4	Bromodichloromethane	B2813-7972	0.53	0.53	ug/Kg	U
75-25-2	Bromoform	B2813-7972	0.54	0.54	ug/Kg	U
74-83-9	Bromomethane	B2813-7972	0.55	0.55	ug/Kg	U
156-59-2	cis-1,2-Dichloroethylene	B2813-7972	0.50	0.50	ug/Kg	U
10061-01-5	cis-1,3-Dichloropropene	B2813-7972	0.57	0.57	ug/Kg	U
75-15-0	Carbon disulfide	B2813-7972	0.53	**4.57**	ug/Kg	J
56-23-5	Carbon tetrachloride	B2813-7972	0.63	0.63	ug/Kg	U
108-90-7	Chlorobenzene	B2813-7972	0.68	0.68	ug/Kg	U
75-45-6	Chlorodifluoromethane	B2813-7972	0.99	0.99	ug/Kg	U
75-00-3	Chloroethane	B2813-7972	0.78	0.78	ug/Kg	U
67-66-3	Chloroform	B2813-7972	0.66	0.66	ug/Kg	U
74-87-3	Chloromethane	B2813-7972	0.56	0.56	ug/Kg	U
124-48-1	Dibromochloromethane	B2813-7972	0.52	0.52	ug/Kg	U
74-95-3	Dibromomethane	B2813-7972	0.88	0.88	ug/Kg	U
75-71-8	Dichlorodifluoromethane	B2813-7972	0.41	0.41	ug/Kg	U
100-41-4	Ethylbenzene	B2813-7972	0.58	0.58	ug/Kg	U
87-68-3	Hexachlorobutadiene	B2813-7972	0.54	0.54	ug/Kg	U
98-82-8	Cumene	B2813-7972	0.49	**4.60**	ug/Kg	J
108-38-3	m,p-Xylene	B2813-7972	1.01	1.01	ug/Kg	U
1634-04-4	Methyl tertiary butyl ether	B2813-7972	0.58	0.58	ug/Kg	U
75-09-2	Methylene Chloride	B2813-7972	1.05	1.05	ug/Kg	U
104-51-8	n-Butylbenzene	B2813-7972	0.54	**9.46**	ug/Kg	
103-65-1	n-Propylbenzene	B2813-7972	0.52	**9.11**	ug/Kg	
91-20-3	Naphthalene	B2813-7972	0.50	0.50	ug/Kg	U
95-47-6	o-Xylene	B2813-7972	0.44	0.44	ug/Kg	U
105-05-5	p-Diethylbenzene	B2813-7972	0.52	**7.62**	ug/Kg	
622-96-8	p-Ethyltoluene	B2813-7972	0.47	0.47	ug/Kg	U
135-98-8	sec-Butylbenzene	B2813-7972	0.50	**10.2**	ug/Kg	
100-42-5	Styrene	B2813-7972	0.48	0.48	ug/Kg	U

Environmental Testing Laboratories, Inc.
208 Route 109, Farmingdale NY 11735
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02/04/2009

Volatiles - EPA 8260B

Sample: 0901338-2
Client Sample ID: GP-02 (4-8')
Matrix: Soil
Type: Grab
Collected: 01/23/2009 11:55
% Solid: 89.4%
Remarks: See Case Narrative
Analyzed Date: 01/29/2009

Analytical Results

Cas No	Analyte	File ID	MDL	Concentration*	Units	Q
156-60-5	trans-1,2-Dichloroethylene	B2813-7972	0.52	0.52	ug/Kg	U
10061-02-6	trans-1,3-Dichloropropene	B2813-7972	0.47	0.47	ug/Kg	U
994-05-8	TAME	B2813-7972	0.71	0.71	ug/Kg	U
98-06-6	tert-Butylbenzene	B2813-7972	0.59	0.59	ug/Kg	U
75-65-0	Tertiary butyl alcohol	B2813-7972	6.04	6.04	ug/Kg	U
127-18-4	Tetrachloroethylene	B2813-7972	0.50	0.50	ug/Kg	U
108-88-3	Toluene	B2813-7972	0.54	**0.98**	ug/Kg	J
79-01-6	TCE	B2813-7972	0.55	0.55	ug/Kg	U
75-69-4	Freon 11	B2813-7972	0.63	0.63	ug/Kg	U
75-01-4	Vinyl Chloride	B2813-7972	0.76	0.76	ug/Kg	U

* Results are reported on a dry weight basis

Surrogate Results

Cas No	Analyte	File ID	% Recovery	QC Limits	Q
17060-07-0	1,2-DICHLOROETHANE-D4	B2813-7972	113.0 %	(69 - 134)	
460-00-4	4-BROMOFLUOROBENZENE	B2813-7972	93.0 %	(74 - 123)	
4774-33-8	DIBROMOFLUOROMETHANE	B2813-7972	115.0 %	(75 - 136)	
2037-26-5	TOLUENE-D8	B2813-7972	103.0 %	(86 - 125)	

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02/04/2009

Volatiles - EPA 8260B

Sample: 0901338-3
Client Sample ID: GP-03 (4-8')
Matrix: Soil
Type: Grab
Collected: 01/23/2009 13:12
% Solid: 89%
Remarks: See Case Narrative
Analyzed Date: 01/29/2009

Analytical Results

Cas No	Analyte	File ID	MDL	Concentration*	Units	Q
630-20-6	1,1,1,2-Tetrachloroethane	B2813-7973	0.52	0.52	ug/Kg	U
71-55-6	1,1,1-Trichloroethane	B2813-7973	0.58	0.58	ug/Kg	U
79-34-5	1,1,2,2-Tetrachloroethane	B2813-7973	0.67	0.67	ug/Kg	U
79-00-5	1,1,2-Trichloroethane	B2813-7973	0.71	0.71	ug/Kg	U
76-13-1	Freon 113	B2813-7973	0.58	0.58	ug/Kg	U
75-34-3	1,1-Dichloroethane	B2813-7973	0.64	0.64	ug/Kg	U
75-35-4	1,1-Dichloroethylene	B2813-7973	0.41	0.41	ug/Kg	U
563-58-6	1,1-Dichlorpropene	B2813-7973	0.59	0.59	ug/Kg	U
87-61-6	1,2,3-Trichlorobenzene	B2813-7973	0.54	0.54	ug/Kg	U
96-18-4	1,2,3-Trichloropropane	B2813-7973	0.80	0.80	ug/Kg	U
95-93-2	1,2,4,5-Tetramethylbenzene	B2813-7973	0.45	0.45	ug/Kg	U
120-82-1	1,2,4-Trichlorobenzene	B2813-7973	0.38	0.38	ug/Kg	U
95-63-6	1,2,4-Trimethylbenzene	B2813-7973	0.41	0.41	ug/Kg	U
96-12-8	1,2-Dibromo-3-chloropropane	B2813-7973	0.52	0.52	ug/Kg	U
106-93-4	1,2-Dibromoethane	B2813-7973	0.66	0.66	ug/Kg	U
95-50-1	1,2-Dichlorobenzene	B2813-7973	0.53	0.53	ug/Kg	U
107-06-2	1,2-Dichloroethane	B2813-7973	0.65	0.65	ug/Kg	U
78-87-5	1,2-Dichloropropane	B2813-7973	0.66	0.66	ug/Kg	U
108-67-8	1,3,5-Trimethylbenzene	B2813-7973	0.49	0.49	ug/Kg	U
541-73-1	1,3-Dichlorobenzene	B2813-7973	0.59	0.59	ug/Kg	U
142-28-9	1,3-Dichloropropane	B2813-7973	0.58	0.58	ug/Kg	U
106-46-7	1,4-Dichlorobenzene	B2813-7973	0.54	0.54	ug/Kg	U
590-20-7	2,2-Dichloropropane	B2813-7973	0.66	0.66	ug/Kg	U
78-93-3	Methyl ethyl ketone (2-Butanone)	B2813-7973	2.49	2.49	ug/Kg	U
110-75-8	2-Chloroethyl vinyl ether	B2813-7973	0.72	0.72	ug/Kg	U
95-49-8	2-Chlorotoluene	B2813-7973	0.59	0.59	ug/Kg	U
591-78-6	2-Hexanone	B2813-7973	2.22	2.22	ug/Kg	U
106-43-4	4-Chlorotoluene	B2813-7973	0.56	0.56	ug/Kg	U
99-87-6	4-Isopropyltoluene	B2813-7973	0.53	0.53	ug/Kg	U
108-10-1	4-Methyl-2-pentanone (MIBK)	B2813-7973	2.41	2.41	ug/Kg	U
67-64-1	2-Propanone	B2813-7973	2.91	**6.11**	ug/Kg	J
107-13-1	Acrylonitrile	B2813-7973	7.83	7.83	ug/Kg	U

Environmental Testing Laboratories, Inc.
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02/04/2009

Volatiles - EPA 8260B

Sample: 0901338-3
Client Sample ID: GP-03 (4-8')
Matrix: Soil
Type: Grab
Collected: 01/23/2009 13:12
% Solid: 89%
Remarks: See Case Narrative
Analyzed Date: 01/29/2009

Analytical Results

Cas No	Analyte	File ID	MDL	Concentration*	Units	Q
71-43-2	Benzene	B2813-7973	0.59	0.59	ug/Kg	U
108-86-1	Bromobenzene	B2813-7973	0.57	0.57	ug/Kg	U
74-97-5	Bromochloromethane	B2813-7973	0.65	0.65	ug/Kg	U
75-27-4	Bromodichloromethane	B2813-7973	0.53	0.53	ug/Kg	U
75-25-2	Bromoform	B2813-7973	0.54	0.54	ug/Kg	U
74-83-9	Bromomethane	B2813-7973	0.55	0.55	ug/Kg	U
156-59-2	cis-1,2-Dichloroethylene	B2813-7973	0.50	0.50	ug/Kg	U
10061-01-5	cis-1,3-Dichloropropene	B2813-7973	0.57	0.57	ug/Kg	U
75-15-0	Carbon disulfide	B2813-7973	0.53	0.53	ug/Kg	U
56-23-5	Carbon tetrachloride	B2813-7973	0.63	0.63	ug/Kg	U
108-90-7	Chlorobenzene	B2813-7973	0.68	0.68	ug/Kg	U
75-45-6	Chlorodifluoromethane	B2813-7973	0.99	0.99	ug/Kg	U
75-00-3	Chloroethane	B2813-7973	0.78	0.78	ug/Kg	U
67-66-3	Chloroform	B2813-7973	0.66	0.66	ug/Kg	U
74-87-3	Chloromethane	B2813-7973	0.56	0.56	ug/Kg	U
124-48-1	Dibromochloromethane	B2813-7973	0.52	0.52	ug/Kg	U
74-95-3	Dibromomethane	B2813-7973	0.88	0.88	ug/Kg	U
75-71-8	Dichlorodifluoromethane	B2813-7973	0.41	0.41	ug/Kg	U
100-41-4	Ethylbenzene	B2813-7973	0.58	0.58	ug/Kg	U
87-68-3	Hexachlorobutadiene	B2813-7973	0.54	0.54	ug/Kg	U
98-82-8	Cumene	B2813-7973	0.49	0.49	ug/Kg	U
108-38-3	m,p-Xylene	B2813-7973	1.01	1.01	ug/Kg	U
1634-04-4	Methyl tertiary butyl ether	B2813-7973	0.58	0.58	ug/Kg	U
75-09-2	Methylene Chloride	B2813-7973	1.05	1.05	ug/Kg	U
104-51-8	n-Butylbenzene	B2813-7973	0.54	0.54	ug/Kg	U
103-65-1	n-Propylbenzene	B2813-7973	0.52	0.52	ug/Kg	U
91-20-3	Naphthalene	B2813-7973	0.50	0.50	ug/Kg	U
95-47-6	o-Xylene	B2813-7973	0.44	0.44	ug/Kg	U
105-05-5	p-Diethylbenzene	B2813-7973	0.52	0.52	ug/Kg	U
622-96-8	p-Ethyltoluene	B2813-7973	0.47	0.47	ug/Kg	U
135-98-8	sec-Butylbenzene	B2813-7973	0.50	0.50	ug/Kg	U
100-42-5	Styrene	B2813-7973	0.48	0.48	ug/Kg	U

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02/04/2009

Volatiles - EPA 8260B

Sample: 0901338-3
Client Sample ID: GP-03 (4-8')
Matrix: Soil
Remarks: See Case Narrative
Analyzed Date: 01/29/2009

Type: Grab

Collected: 01/23/2009 13:12
% Solid: 89%

Analytical Results

Cas No	Analyte	File ID	MDL	Concentration*	Units	Q
156-60-5	trans-1,2-Dichloroethylene	B2813-7973	0.52	0.52	ug/Kg	U
10061-02-6	trans-1,3-Dichloropropene	B2813-7973	0.47	0.47	ug/Kg	U
994-05-8	TAME	B2813-7973	0.71	0.71	ug/Kg	U
98-06-6	tert-Butylbenzene	B2813-7973	0.59	0.59	ug/Kg	U
75-65-0	Tertiary butyl alcohol	B2813-7973	6.04	6.04	ug/Kg	U
127-18-4	Tetrachloroethylene	B2813-7973	0.50	0.50	ug/Kg	U
108-88-3	Toluene	B2813-7973	0.54	0.54	ug/Kg	U
79-01-6	TCE	B2813-7973	0.55	0.55	ug/Kg	U
75-69-4	Freon 11	B2813-7973	0.63	0.63	ug/Kg	U
75-01-4	Vinyl Chloride	B2813-7973	0.76	0.76	ug/Kg	U

* Results are reported on a dry weight basis

Surrogate Results

Cas No	Analyte	File ID	% Recovery	QC Limits	Q
17060-07-0	1,2-DICHLOROETHANE-D4	B2813-7973	111.0 %	(69 - 134)	
460-00-4	4-BROMOFLUOROBENZENE	B2813-7973	92.0 %	(74 - 123)	
4774-33-8	DIBROMOFLUOROMETHANE	B2813-7973	107.0 %	(75 - 136)	
2037-26-5	TOLUENE-D8	B2813-7973	104.0 %	(86 - 125)	

Environmental Testing Laboratories, Inc.
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02/04/2009

Volatiles - EPA 8260B

Sample: 0901338-7
Client Sample ID: GP-07 (0-4')
Matrix: Soil
Type: Grab
Collected: 01/23/2009 14:53
% Solid: 87.3%
Remarks: See Case Narrative
Analyzed Date: 01/29/2009

Analytical Results

Cas No	Analyte	File ID	MDL	Concentration*	Units	Q
630-20-6	1,1,1,2-Tetrachloroethane	B2813-7977	0.53	0.53	ug/Kg	U
71-55-6	1,1,1-Trichloroethane	B2813-7977	0.60	0.60	ug/Kg	U
79-34-5	1,1,2,2-Tetrachloroethane	B2813-7977	0.69	0.69	ug/Kg	U
79-00-5	1,1,2-Trichloroethane	B2813-7977	0.72	0.72	ug/Kg	U
76-13-1	Freon 113	B2813-7977	0.60	0.60	ug/Kg	U
75-34-3	1,1-Dichloroethane	B2813-7977	0.66	0.66	ug/Kg	U
75-35-4	1,1-Dichloroethylene	B2813-7977	0.43	0.43	ug/Kg	U
563-58-6	1,1-Dichlorpropene	B2813-7977	0.61	0.61	ug/Kg	U
87-61-6	1,2,3-Trichlorobenzene	B2813-7977	0.55	0.55	ug/Kg	U
96-18-4	1,2,3-Trichloropropane	B2813-7977	0.82	0.82	ug/Kg	U
95-93-2	1,2,4,5-Tetramethylbenzene	B2813-7977	0.46	**10.6**	ug/Kg	
120-82-1	1,2,4-Trichlorobenzene	B2813-7977	0.39	0.39	ug/Kg	U
95-63-6	1,2,4-Trimethylbenzene	B2813-7977	0.43	**14.3**	ug/Kg	
96-12-8	1,2-Dibromo-3-chloropropane	B2813-7977	0.53	0.53	ug/Kg	U
106-93-4	1,2-Dibromoethane	B2813-7977	0.68	0.68	ug/Kg	U
95-50-1	1,2-Dichlorobenzene	B2813-7977	0.54	0.54	ug/Kg	U
107-06-2	1,2-Dichloroethane	B2813-7977	0.67	0.67	ug/Kg	U
78-87-5	1,2-Dichloropropane	B2813-7977	0.68	0.68	ug/Kg	U
108-67-8	1,3,5-Trimethylbenzene	B2813-7977	0.51	0.51	ug/Kg	U
541-73-1	1,3-Dichlorobenzene	B2813-7977	0.61	0.61	ug/Kg	U
142-28-9	1,3-Dichloropropane	B2813-7977	0.60	0.60	ug/Kg	U
106-46-7	1,4-Dichlorobenzene	B2813-7977	0.55	0.55	ug/Kg	U
590-20-7	2,2-Dichloropropane	B2813-7977	0.68	0.68	ug/Kg	U
78-93-3	Methyl ethyl ketone (2-Butanone)	B2813-7977	2.55	2.55	ug/Kg	U
110-75-8	2-Chloroethyl vinyl ether	B2813-7977	0.74	0.74	ug/Kg	U
95-49-8	2-Chlorotoluene	B2813-7977	0.61	0.61	ug/Kg	U
591-78-6	2-Hexanone	B2813-7977	2.28	2.28	ug/Kg	U
106-43-4	4-Chlorotoluene	B2813-7977	0.57	0.57	ug/Kg	U
99-87-6	4-Isopropyltoluene	B2813-7977	0.54	**1.86**	ug/Kg	J
108-10-1	4-Methyl-2-pentanone (MIBK)	B2813-7977	2.47	2.47	ug/Kg	U
67-64-1	2-Propanone	B2813-7977	2.99	**110**	ug/Kg	
107-13-1	Acrylonitrile	B2813-7977	8.04	8.04	ug/Kg	U

Environmental Testing Laboratories, Inc.
208 Route 109, Farmingdale NY 11735
Phone - 631-249-1456 Fax - 631-249-8344

02/04/2009

Volatiles - EPA 8260B

Sample: 0901338-7
Client Sample ID: GP-07 (0-4')
Matrix: Soil
Type: Grab
Collected: 01/23/2009 14:53
% Solid: 87.3%
Remarks: See Case Narrative
Analyzed Date: 01/29/2009

Analytical Results

Cas No	Analyte	File ID	MDL	Concentration*	Units	Q
71-43-2	Benzene	B2813-7977	0.61	0.61	ug/Kg	U
108-86-1	Bromobenzene	B2813-7977	0.59	0.59	ug/Kg	U
74-97-5	Bromochloromethane	B2813-7977	0.67	0.67	ug/Kg	U
75-27-4	Bromodichloromethane	B2813-7977	0.54	0.54	ug/Kg	U
75-25-2	Bromoform	B2813-7977	0.55	0.55	ug/Kg	U
74-83-9	Bromomethane	B2813-7977	0.56	0.56	ug/Kg	U
156-59-2	cis-1,2-Dichloroethylene	B2813-7977	0.52	0.52	ug/Kg	U
10061-01-5	cis-1,3-Dichloropropene	B2813-7977	0.59	0.59	ug/Kg	U
75-15-0	Carbon disulfide	B2813-7977	0.54	0.54	ug/Kg	U
56-23-5	Carbon tetrachloride	B2813-7977	0.64	0.64	ug/Kg	U
108-90-7	Chlorobenzene	B2813-7977	0.70	0.70	ug/Kg	U
75-45-6	Chlorodifluoromethane	B2813-7977	1.01	1.01	ug/Kg	U
75-00-3	Chloroethane	B2813-7977	0.81	0.81	ug/Kg	U
67-66-3	Chloroform	B2813-7977	0.68	0.68	ug/Kg	U
74-87-3	Chloromethane	B2813-7977	0.57	0.57	ug/Kg	U
124-48-1	Dibromochloromethane	B2813-7977	0.53	0.53	ug/Kg	U
74-95-3	Dibromomethane	B2813-7977	0.91	0.91	ug/Kg	U
75-71-8	Dichlorodifluoromethane	B2813-7977	0.43	0.43	ug/Kg	U
100-41-4	Ethylbenzene	B2813-7977	0.60	**0.92**	ug/Kg	J
87-68-3	Hexachlorobutadiene	B2813-7977	0.55	0.55	ug/Kg	U
98-82-8	Cumene	B2813-7977	0.51	**1.55**	ug/Kg	J
108-38-3	m,p-Xylene	B2813-7977	1.03	**2.81**	ug/Kg	J
1634-04-4	Methyl tertiary butyl ether	B2813-7977	0.60	0.60	ug/Kg	U
75-09-2	Methylene Chloride	B2813-7977	1.08	1.08	ug/Kg	U
104-51-8	n-Butylbenzene	B2813-7977	0.55	**2.91**	ug/Kg	J
103-65-1	n-Propylbenzene	B2813-7977	0.53	**3.11**	ug/Kg	J
91-20-3	Naphthalene	B2813-7977	0.52	**8.25**	ug/Kg	
95-47-6	o-Xylene	B2813-7977	0.45	0.45	ug/Kg	U
105-05-5	p-Diethylbenzene	B2813-7977	0.53	**3.95**	ug/Kg	J
622-96-8	p-Ethyltoluene	B2813-7977	0.48	**3.55**	ug/Kg	J
135-98-8	sec-Butylbenzene	B2813-7977	0.52	**2.29**	ug/Kg	J
100-42-5	Styrene	B2813-7977	0.49	0.49	ug/Kg	U

Environmental Testing Laboratories, Inc.
208 Route 109, Farmingdale NY 11735
Phone - 631-249-1456 Fax - 631-249-8344

02/04/2009

Volatiles - EPA 8260B

Sample: 0901338-7

Client Sample ID: GP-07 (0-4')
Matrix: Soil
Remarks: See Case Narrative
Analyzed Date: 01/29/2009

Type: Grab

Collected: 01/23/2009 14:53
% Solid: 87.3%

Analytical Results

Cas No	Analyte	File ID	MDL	Concentration*	Units	Q
156-60-5	trans-1,2-Dichloroethylene	B2813-7977	0.53	0.53	ug/Kg	U
10061-02-6	trans-1,3-Dichloropropene	B2813-7977	0.48	0.48	ug/Kg	U
994-05-8	TAME	B2813-7977	0.72	0.72	ug/Kg	U
98-06-6	tert-Butylbenzene	B2813-7977	0.61	0.61	ug/Kg	U
75-65-0	Tertiary butyl alcohol	B2813-7977	6.20	6.20	ug/Kg	U
127-18-4	Tetrachloroethylene	B2813-7977	0.52	0.52	ug/Kg	U
108-88-3	Toluene	B2813-7977	0.55	**0.80**	ug/Kg	J
79-01-6	TCE	B2813-7977	0.56	0.56	ug/Kg	U
75-69-4	Freon 11	B2813-7977	0.64	0.64	ug/Kg	U
75-01-4	Vinyl Chloride	B2813-7977	0.78	0.78	ug/Kg	U

* Results are reported on a dry weight basis

Surrogate Results

Cas No	Analyte	File ID	% Recovery	QC Limits	Q
17060-07-0	1,2-DICHLOROETHANE-D4	B2813-7977	113.0 %	(69 - 134)	
460-00-4	4-BROMOFLUOROBENZENE	B2813-7977	94.4 %	(74 - 123)	
4774-33-8	DIBROMOFLUOROMETHANE	B2813-7977	115.0 %	(75 - 136)	
2037-26-5	TOLUENE-D8	B2813-7977	105.0 %	(86 - 125)	

Environmental Testing Laboratories, Inc.
208 Route 109, Farmingdale NY 11735
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02/04/2009

Volatiles - EPA 8260B

Sample: 0901338-8
Client Sample ID: GP-07 (8-12')
Matrix: Soil
Type: Grab
Collected: 01/23/2009 14:53
% Solid: 87.4%
Remarks: See Case Narrative
Analyzed Date: 01/29/2009

Analytical Results

Cas No	Analyte	File ID	MDL	Concentration*	Units	Q
630-20-6	1,1,1,2-Tetrachloroethane	B2813-7978	2.63	2.63	ug/Kg	U
71-55-6	1,1,1-Trichloroethane	B2813-7978	2.97	2.97	ug/Kg	U
79-34-5	1,1,2,2-Tetrachloroethane	B2813-7978	3.43	3.43	ug/Kg	U
79-00-5	1,1,2-Trichloroethane	B2813-7978	3.60	3.60	ug/Kg	U
76-13-1	Freon 113	B2813-7978	2.97	2.97	ug/Kg	U
75-34-3	1,1-Dichloroethane	B2813-7978	3.26	3.26	ug/Kg	U
75-35-4	1,1-Dichloroethylene	B2813-7978	2.12	2.12	ug/Kg	U
563-58-6	1,1-Dichlorpropene	B2813-7978	3.03	3.03	ug/Kg	U
87-61-6	1,2,3-Trichlorobenzene	B2813-7978	2.75	2.75	ug/Kg	U
96-18-4	1,2,3-Trichloropropane	B2813-7978	4.06	4.06	ug/Kg	U
95-93-2	1,2,4,5-Tetramethylbenzene	A2979-1550	112	**6260**	ug/Kg	
120-82-1	1,2,4-Trichlorobenzene	B2813-7978	1.94	1.94	ug/Kg	U
95-63-6	1,2,4-Trimethylbenzene	B2813-7978	2.12	**63.1**	ug/Kg	
96-12-8	1,2-Dibromo-3-chloropropane	B2813-7978	2.63	2.63	ug/Kg	U
106-93-4	1,2-Dibromoethane	B2813-7978	3.37	3.37	ug/Kg	U
95-50-1	1,2-Dichlorobenzene	B2813-7978	2.69	2.69	ug/Kg	U
107-06-2	1,2-Dichloroethane	B2813-7978	3.32	3.32	ug/Kg	U
78-87-5	1,2-Dichloropropane	B2813-7978	3.37	3.37	ug/Kg	U
108-67-8	1,3,5-Trimethylbenzene	B2813-7978	2.52	2.52	ug/Kg	U
541-73-1	1,3-Dichlorobenzene	B2813-7978	3.03	3.03	ug/Kg	U
142-28-9	1,3-Dichloropropane	B2813-7978	2.97	2.97	ug/Kg	U
106-46-7	1,4-Dichlorobenzene	B2813-7978	2.75	2.75	ug/Kg	U
590-20-7	2,2-Dichloropropane	B2813-7978	3.37	3.37	ug/Kg	U
78-93-3	Methyl ethyl ketone (2-Butanone)	B2813-7978	12.7	12.7	ug/Kg	U
110-75-8	2-Chloroethyl vinyl ether	B2813-7978	3.66	3.66	ug/Kg	U
95-49-8	2-Chlorotoluene	B2813-7978	3.03	3.03	ug/Kg	U
591-78-6	2-Hexanone	B2813-7978	11.3	11.3	ug/Kg	U
106-43-4	4-Chlorotoluene	B2813-7978	2.86	2.86	ug/Kg	U
99-87-6	4-Isopropyltoluene	B2813-7978	2.69	2.69	ug/Kg	U
108-10-1	4-Methyl-2-pentanone (MIBK)	B2813-7978	12.3	12.3	ug/Kg	U
67-64-1	2-Propanone	B2813-7978	14.9	**63.8**	ug/Kg	J
107-13-1	Acrylonitrile	B2813-7978	40.0	40.0	ug/Kg	U

Environmental Testing Laboratories, Inc.
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02/04/2009

Volatiles - EPA 8260B

Sample: 0901338-8

Client Sample ID: GP-07 (8-12')
Matrix: Soil
Type: Grab
Remarks: See Case Narrative
Analyzed Date: 01/29/2009

Collected: 01/23/2009 14:53
% Solid: 87.4%

Analytical Results

Cas No	Analyte	File ID	MDL	Concentration*	Units	Q
71-43-2	Benzene	B2813-7978	3.03	3.03	ug/Kg	U
108-86-1	Bromobenzene	B2813-7978	2.92	2.92	ug/Kg	U
74-97-5	Bromochloromethane	B2813-7978	3.32	3.32	ug/Kg	U
75-27-4	Bromodichloromethane	B2813-7978	2.69	2.69	ug/Kg	U
75-25-2	Bromoform	B2813-7978	2.75	2.75	ug/Kg	U
74-83-9	Bromomethane	B2813-7978	2.80	2.80	ug/Kg	U
156-59-2	cis-1,2-Dichloroethylene	B2813-7978	2.57	2.57	ug/Kg	U
10061-01-5	cis-1,3-Dichloropropene	B2813-7978	2.92	2.92	ug/Kg	U
75-15-0	Carbon disulfide	B2813-7978	2.69	2.69	ug/Kg	U
56-23-5	Carbon tetrachloride	B2813-7978	3.20	3.20	ug/Kg	U
108-90-7	Chlorobenzene	B2813-7978	3.49	3.49	ug/Kg	U
75-45-6	Chlorodifluoromethane	B2813-7978	5.03	5.03	ug/Kg	U
75-00-3	Chloroethane	B2813-7978	4.00	4.00	ug/Kg	U
67-66-3	Chloroform	B2813-7978	3.37	3.37	ug/Kg	U
74-87-3	Chloromethane	B2813-7978	2.86	2.86	ug/Kg	U
124-48-1	Dibromochloromethane	B2813-7978	2.63	2.63	ug/Kg	U
74-95-3	Dibromomethane	B2813-7978	4.52	4.52	ug/Kg	U
75-71-8	Dichlorodifluoromethane	B2813-7978	2.12	2.12	ug/Kg	U
100-41-4	Ethylbenzene	B2813-7978	2.97	2.97	ug/Kg	U
87-68-3	Hexachlorobutadiene	B2813-7978	2.75	2.75	ug/Kg	U
98-82-8	Cumene	A2979-1550	123	**836**	ug/Kg	
108-38-3	m,p-Xylene	B2813-7978	5.15	5.15	ug/Kg	U
1634-04-4	Methyl tertiary butyl ether	B2813-7978	2.97	2.97	ug/Kg	U
75-09-2	Methylene Chloride	B2813-7978	5.38	5.38	ug/Kg	U
104-51-8	n-Butylbenzene	A2979-1550	119	**2020**	ug/Kg	
103-65-1	n-Propylbenzene	A2979-1550	116	**1550**	ug/Kg	
91-20-3	Naphthalene	B2813-7978	2.57	**72.2**	ug/Kg	
95-47-6	o-Xylene	B2813-7978	2.23	2.23	ug/Kg	U
105-05-5	p-Diethylbenzene	A2979-1550	110	**1400**	ug/Kg	
622-96-8	p-Ethyltoluene	B2813-7978	2.40	2.40	ug/Kg	U
135-98-8	sec-Butylbenzene	A2979-1550	112	**1230**	ug/Kg	
100-42-5	Styrene	B2813-7978	2.46	2.46	ug/Kg	U

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02/04/2009

Volatiles - EPA 8260B

Sample: 0901338-8
Client Sample ID: GP-07 (8-12')
Matrix: Soil
Type: Grab
Remarks: See Case Narrative
Analyzed Date: 01/29/2009
Collected: 01/23/2009 14:53
% Solid: 87.4%

Analytical Results

Cas No	Analyte	File ID	MDL	Concentration*	Units	Q
156-60-5	trans-1,2-Dichloroethylene	B2813-7978	2.63	2.63	ug/Kg	U
10061-02-6	trans-1,3-Dichloropropene	B2813-7978	2.40	2.40	ug/Kg	U
994-05-8	TAME	B2813-7978	3.60	3.60	ug/Kg	U
98-06-6	tert-Butylbenzene	B2813-7978	3.03	**121**	ug/Kg	
75-65-0	Tertiary butyl alcohol	B2813-7978	30.8	30.8	ug/Kg	U
127-18-4	Tetrachloroethylene	B2813-7978	2.57	2.57	ug/Kg	U
108-88-3	Toluene	B2813-7978	2.75	2.75	ug/Kg	U
79-01-6	TCE	B2813-7978	2.80	2.80	ug/Kg	U
75-69-4	Freon 11	B2813-7978	3.20	3.20	ug/Kg	U
75-01-4	Vinyl Chloride	B2813-7978	3.89	3.89	ug/Kg	U

* Results are reported on a dry weight basis

Surrogate Results

Cas No	Analyte	File ID	% Recovery	QC Limits	Q
17060-07-0	1,2-DICHLOROETHANE-D4	B2813-7978	120.0 %	(69 - 134)	
460-00-4	4-BROMOFLUOROBENZENE	B2813-7978	95.2 %	(74 - 123)	
4774-33-8	DIBROMOFLUOROMETHANE	B2813-7978	113.0 %	(75 - 136)	
2037-26-5	TOLUENE-D8	B2813-7978	122.0 %	(86 - 125)	
17060-07-0	1,2-DICHLOROETHANE-D4	A2979-1550	107.0 %	(68 - 173)	
460-00-4	4-BROMOFLUOROBENZENE	A2979-1550	120.0 %	(77 - 131)	
4774-33-8	DIBROMOFLUOROMETHANE	A2979-1550	104.0 %	(75 - 159)	
2037-26-5	TOLUENE-D8	A2979-1550	98.2 %	(74 - 136)	

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02/04/2009

Volatiles - EPA 8260B

Sample: 0901338-9

Client Sample ID: GP-02 (8-10')
Matrix: Soil
Type: Grab
Remarks: See Case Narrative
Analyzed Date: 01/29/2009

Collected: 01/23/2009 11:56
% Solid: 84.6%

Analytical Results

Cas No	Analyte	File ID	MDL	Concentration*	Units	Q
630-20-6	1,1,1,2-Tetrachloroethane	B2813-7979	2.72	2.72	ug/Kg	U
71-55-6	1,1,1-Trichloroethane	B2813-7979	3.07	3.07	ug/Kg	U
79-34-5	1,1,2,2-Tetrachloroethane	B2813-7979	3.55	3.55	ug/Kg	U
79-00-5	1,1,2-Trichloroethane	B2813-7979	3.72	3.72	ug/Kg	U
76-13-1	Freon 113	B2813-7979	3.07	3.07	ug/Kg	U
75-34-3	1,1-Dichloroethane	B2813-7979	3.37	3.37	ug/Kg	U
75-35-4	1,1-Dichloroethylene	B2813-7979	2.19	2.19	ug/Kg	U
563-58-6	1,1-Dichlorpropene	B2813-7979	3.13	3.13	ug/Kg	U
87-61-6	1,2,3-Trichlorobenzene	B2813-7979	2.84	2.84	ug/Kg	U
96-18-4	1,2,3-Trichloropropane	B2813-7979	4.20	4.20	ug/Kg	U
95-93-2	1,2,4,5-Tetramethylbenzene	A2979-1551	115	**13700**	ug/Kg	
120-82-1	1,2,4-Trichlorobenzene	B2813-7979	2.01	2.01	ug/Kg	U
95-63-6	1,2,4-Trimethylbenzene	B2813-7979	2.19	2.19	ug/Kg	U
96-12-8	1,2-Dibromo-3-chloropropane	B2813-7979	2.72	2.72	ug/Kg	U
106-93-4	1,2-Dibromoethane	B2813-7979	3.49	3.49	ug/Kg	U
95-50-1	1,2-Dichlorobenzene	B2813-7979	2.78	2.78	ug/Kg	U
107-06-2	1,2-Dichloroethane	B2813-7979	3.43	3.43	ug/Kg	U
78-87-5	1,2-Dichloropropane	B2813-7979	3.49	3.49	ug/Kg	U
108-67-8	1,3,5-Trimethylbenzene	B2813-7979	2.60	2.60	ug/Kg	U
541-73-1	1,3-Dichlorobenzene	B2813-7979	3.13	3.13	ug/Kg	U
142-28-9	1,3-Dichloropropane	B2813-7979	3.07	3.07	ug/Kg	U
106-46-7	1,4-Dichlorobenzene	B2813-7979	2.84	2.84	ug/Kg	U
590-20-7	2,2-Dichloropropane	B2813-7979	3.49	3.49	ug/Kg	U
78-93-3	Methyl ethyl ketone (2-Butanone)	B2813-7979	13.1	13.1	ug/Kg	U
110-75-8	2-Chloroethyl vinyl ether	B2813-7979	3.78	3.78	ug/Kg	U
95-49-8	2-Chlorotoluene	B2813-7979	3.13	3.13	ug/Kg	U
591-78-6	2-Hexanone	B2813-7979	11.7	11.7	ug/Kg	U
106-43-4	4-Chlorotoluene	B2813-7979	2.95	2.95	ug/Kg	U
99-87-6	4-Isopropyltoluene	B2813-7979	2.78	2.78	ug/Kg	U
108-10-1	4-Methyl-2-pentanone (MIBK)	B2813-7979	12.7	12.7	ug/Kg	U
67-64-1	2-Propanone	B2813-7979	15.4	**29.3**	ug/Kg	J
107-13-1	Acrylonitrile	B2813-7979	41.3	41.3	ug/Kg	U

Environmental Testing Laboratories, Inc.
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02/04/2009

Volatiles - EPA 8260B

Sample: 0901338-9

Client Sample ID: GP-02 (8-10')
Matrix: Soil
Type: Grab
Remarks: See Case Narrative
Analyzed Date: 01/29/2009

Collected: 01/23/2009 11:56
% Solid: 84.6%

Analytical Results

Cas No	Analyte	File ID	MDL	Concentration*	Units	Q
71-43-2	Benzene	B2813-7979	3.13	**4.30**	ug/Kg	J
108-86-1	Bromobenzene	B2813-7979	3.01	3.01	ug/Kg	U
74-97-5	Bromochloromethane	B2813-7979	3.43	3.43	ug/Kg	U
75-27-4	Bromodichloromethane	B2813-7979	2.78	2.78	ug/Kg	U
75-25-2	Bromoform	B2813-7979	2.84	2.84	ug/Kg	U
74-83-9	Bromomethane	B2813-7979	2.90	2.90	ug/Kg	U
156-59-2	cis-1,2-Dichloroethylene	B2813-7979	2.66	2.66	ug/Kg	U
10061-01-5	cis-1,3-Dichloropropene	B2813-7979	3.01	3.01	ug/Kg	U
75-15-0	Carbon disulfide	B2813-7979	2.78	2.78	ug/Kg	U
56-23-5	Carbon tetrachloride	B2813-7979	3.31	3.31	ug/Kg	U
108-90-7	Chlorobenzene	B2813-7979	3.61	3.61	ug/Kg	U
75-45-6	Chlorodifluoromethane	B2813-7979	5.20	5.20	ug/Kg	U
75-00-3	Chloroethane	B2813-7979	4.14	4.14	ug/Kg	U
67-66-3	Chloroform	B2813-7979	3.49	3.49	ug/Kg	U
74-87-3	Chloromethane	B2813-7979	2.95	2.95	ug/Kg	U
124-48-1	Dibromochloromethane	B2813-7979	2.72	2.72	ug/Kg	U
74-95-3	Dibromomethane	B2813-7979	4.67	4.67	ug/Kg	U
75-71-8	Dichlorodifluoromethane	B2813-7979	2.19	2.19	ug/Kg	U
100-41-4	Ethylbenzene	B2813-7979	3.07	3.07	ug/Kg	U
87-68-3	Hexachlorobutadiene	B2813-7979	2.84	2.84	ug/Kg	U
98-82-8	Cumene	B2813-7979	2.60	**873**	ug/Kg	
108-38-3	m,p-Xylene	B2813-7979	5.32	5.32	ug/Kg	U
1634-04-4	Methyl tertiary butyl ether	B2813-7979	3.07	3.07	ug/Kg	U
75-09-2	Methylene Chloride	B2813-7979	5.56	5.56	ug/Kg	U
104-51-8	n-Butylbenzene	A2979-1551	123	**5290**	ug/Kg	
103-65-1	n-Propylbenzene	A2979-1551	120	**4110**	ug/Kg	
91-20-3	Naphthalene	B2813-7979	2.66	**40.1**	ug/Kg	
95-47-6	o-Xylene	B2813-7979	2.30	2.30	ug/Kg	U
105-05-5	p-Diethylbenzene	B2813-7979	2.72	**770**	ug/Kg	
622-96-8	p-Ethyltoluene	B2813-7979	2.48	2.48	ug/Kg	U
135-98-8	sec-Butylbenzene	B2813-7979	2.66	**885**	ug/Kg	
100-42-5	Styrene	B2813-7979	2.54	2.54	ug/Kg	U

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02/04/2009

Volatiles - EPA 8260B

Sample: 0901338-9

Client Sample ID: GP-02 (8-10')
Matrix: Soil
Type: Grab
Remarks: See Case Narrative
Analyzed Date: 01/29/2009

Collected: 01/23/2009 11:56
% Solid: 84.6%

Analytical Results

Cas No	Analyte	File ID	MDL	Concentration*	Units	Q
156-60-5	trans-1,2-Dichloroethylene	B2813-7979	2.72	2.72	ug/Kg	U
10061-02-6	trans-1,3-Dichloropropene	B2813-7979	2.48	2.48	ug/Kg	U
994-05-8	TAME	B2813-7979	3.72	3.72	ug/Kg	U
98-06-6	tert-Butylbenzene	B2813-7979	3.13	3.13	ug/Kg	U
75-65-0	Tertiary butyl alcohol	B2813-7979	31.9	31.9	ug/Kg	U
127-18-4	Tetrachloroethylene	B2813-7979	2.66	2.66	ug/Kg	U
108-88-3	Toluene	B2813-7979	2.84	2.84	ug/Kg	U
79-01-6	TCE	B2813-7979	2.90	2.90	ug/Kg	U
75-69-4	Freon 11	B2813-7979	3.31	3.31	ug/Kg	U
75-01-4	Vinyl Chloride	B2813-7979	4.02	4.02	ug/Kg	U

* Results are reported on a dry weight basis

Surrogate Results

Cas No	Analyte	File ID	% Recovery	QC Limits	Q
17060-07-0	1,2-DICHLOROETHANE-D4	B2813-7979	106.0 %	(69 - 134)	
460-00-4	4-BROMOFLUOROBENZENE	B2813-7979	104.0 %	(74 - 123)	
4774-33-8	DIBROMOFLUOROMETHANE	B2813-7979	99.3 %	(75 - 136)	
2037-26-5	TOLUENE-D8	B2813-7979	106.0 %	(86 - 125)	
17060-07-0	1,2-DICHLOROETHANE-D4	A2979-1551	107.0 %	(68 - 173)	
460-00-4	4-BROMOFLUOROBENZENE	A2979-1551	118.0 %	(77 - 131)	
4774-33-8	DIBROMOFLUOROMETHANE	A2979-1551	106.0 %	(75 - 159)	
2037-26-5	TOLUENE-D8	A2979-1551	97.4 %	(74 - 136)	

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02/04/2009

Volatiles - EPA 8260B

Sample: 0901338-10
Client Sample ID: GP-01 (GW)
Matrix: Liquid
Remarks: See Case Narrative
Analyzed Date: 01/28/2009

Type: Grab

Collected: 01/23/2009 11:20

Analytical Results

Cas No	Analyte	File ID	MDL	Concentration	Units	Q
630-20-6	1,1,1,2-Tetrachloroethane	A2977-1519	0.86	0.86	ug/L	U
71-55-6	1,1,1-Trichloroethane	A2977-1519	0.95	0.95	ug/L	U
79-34-5	1,1,2,2-Tetrachloroethane	A2977-1519	0.75	0.75	ug/L	U
79-00-5	1,1,2-Trichloroethane	A2977-1519	0.90	0.90	ug/L	U
76-13-1	Freon 113	A2977-1519	0.88	0.88	ug/L	U
75-34-3	1,1-Dichloroethane	A2977-1519	1.01	1.01	ug/L	U
75-35-4	1,1-Dichloroethylene	A2977-1519	0.93	0.93	ug/L	U
563-58-6	1,1-Dichlorpropene	A2977-1519	0.80	0.80	ug/L	U
87-61-6	1,2,3-Trichlorobenzene	A2977-1519	0.62	0.62	ug/L	U
96-18-4	1,2,3-Trichloropropane	A2977-1519	0.78	0.78	ug/L	U
95-93-2	1,2,4,5-Tetramethylbenzene	A2977-1519	0.78	0.78	ug/L	U
120-82-1	1,2,4-Trichlorobenzene	A2977-1519	0.67	0.67	ug/L	U
95-63-6	1,2,4-Trimethylbenzene	A2977-1519	0.84	0.84	ug/L	U
96-12-8	1,2-Dibromo-3-chloropropane	A2977-1519	0.75	0.75	ug/L	U
106-93-4	1,2-Dibromoethane	A2977-1519	0.78	0.78	ug/L	U
95-50-1	1,2-Dichlorobenzene	A2977-1519	0.80	0.80	ug/L	U
107-06-2	1,2-Dichloroethane	A2977-1519	0.97	0.97	ug/L	U
78-87-5	1,2-Dichloropropane	A2977-1519	0.89	0.89	ug/L	U
108-67-8	1,3,5-Trimethylbenzene	A2977-1519	0.82	0.82	ug/L	U
541-73-1	1,3-Dichlorobenzene	A2977-1519	0.77	0.77	ug/L	U
142-28-9	1,3-Dichloropropane	A2977-1519	0.83	0.83	ug/L	U
106-46-7	1,4-Dichlorobenzene	A2977-1519	0.78	0.78	ug/L	U
590-20-7	2,2-Dichloropropane	A2977-1519	0.87	0.87	ug/L	U
78-93-3	Methyl ethyl ketone (2-Butanone)	A2977-1519	0.76	0.76	ug/L	U
110-75-8	2-Chloroethyl vinyl ether	A2977-1519	1.42	1.42	ug/L	U
95-49-8	2-Chlorotoluene	A2977-1519	0.83	0.83	ug/L	U
591-78-6	2-Hexanone	A2977-1519	0.61	0.61	ug/L	U
106-43-4	4-Chlorotoluene	A2977-1519	0.78	0.78	ug/L	U
99-87-6	4-Isopropyltoluene	A2977-1519	0.81	0.81	ug/L	U
108-10-1	4-Methyl-2-pentanone (MIBK)	A2977-1519	0.86	0.86	ug/L	U
67-64-1	2-Propanone	A2977-1519	1.16	1.16	ug/L	U
107-13-1	Acrylonitrile	A2977-1519	3.78	3.78	ug/L	U

Environmental Testing Laboratories, Inc.
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02/04/2009

Volatiles - EPA 8260B

Sample: 0901338-10
Client Sample ID: GP-01 (GW)
Matrix: Liquid
Remarks: See Case Narrative
Analyzed Date: 01/28/2009

Type: Grab

Collected: 01/23/2009 11:20

Analytical Results

Cas No	Analyte	File ID	MDL	Concentration	Units	Q
71-43-2	Benzene	A2977-1519	0.88	0.88	ug/L	U
108-86-1	Bromobenzene	A2977-1519	0.80	0.80	ug/L	U
74-97-5	Bromochloromethane	A2977-1519	0.91	0.91	ug/L	U
75-27-4	Bromodichloromethane	A2977-1519	0.89	0.89	ug/L	U
75-25-2	Bromoform	A2977-1519	0.81	0.81	ug/L	U
74-83-9	Bromomethane	A2977-1519	1.02	1.02	ug/L	U
156-59-2	cis-1,2-Dichloroethylene	A2977-1519	0.89	0.89	ug/L	U
10061-01-5	cis-1,3-Dichloropropene	A2977-1519	0.87	0.87	ug/L	U
75-15-0	Carbon disulfide	A2977-1519	0.82	0.82	ug/L	U
56-23-5	Carbon tetrachloride	A2977-1519	0.90	0.90	ug/L	U
108-90-7	Chlorobenzene	A2977-1519	0.86	0.86	ug/L	U
75-45-6	Chlorodifluoromethane	A2977-1519	0.93	0.93	ug/L	U
75-00-3	Chloroethane	A2977-1519	1.44	1.44	ug/L	U
67-66-3	Chloroform	A2977-1519	0.97	0.97	ug/L	U
74-87-3	Chloromethane	A2977-1519	0.79	0.79	ug/L	U
124-48-1	Dibromochloromethane	A2977-1519	0.83	0.83	ug/L	U
74-95-3	Dibromomethane	A2977-1519	0.91	0.91	ug/L	U
75-71-8	Dichlorodifluoromethane	A2977-1519	0.80	0.80	ug/L	U
100-41-4	Ethylbenzene	A2977-1519	0.89	0.89	ug/L	U
87-68-3	Hexachlorobutadiene	A2977-1519	0.79	0.79	ug/L	U
98-82-8	Cumene	A2977-1519	0.86	0.86	ug/L	U
108-38-3	m,p-Xylene	A2977-1519	1.74	1.74	ug/L	U
1634-04-4	Methyl tertiary butyl ether	A2977-1519	0.88	0.88	ug/L	U
75-09-2	Methylene Chloride	A2977-1519	1.08	1.08	ug/L	U
104-51-8	n-Butylbenzene	A2977-1519	0.83	0.83	ug/L	U
103-65-1	n-Propylbenzene	A2977-1519	0.81	0.81	ug/L	U
91-20-3	Naphthalene	A2977-1519	0.61	0.61	ug/L	U
95-47-6	o-Xylene	A2977-1519	0.85	0.85	ug/L	U
105-05-5	p-Diethylbenzene	A2977-1519	0.77	0.77	ug/L	U
622-96-8	p-Ethyltoluene	A2977-1519	0.81	0.81	ug/L	U
135-98-8	sec-Butylbenzene	A2977-1519	0.78	0.78	ug/L	U
100-42-5	Styrene	A2977-1519	0.81	0.81	ug/L	U

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02/04/2009

Volatiles - EPA 8260B

Sample: 0901338-10
Client Sample ID: GP-01 (GW) Collected: 01/23/2009 11:20
Matrix: Liquid Type: Grab
Remarks: See Case Narrative
Analyzed Date: 01/28/2009

Analytical Results

Cas No	Analyte	File ID	MDL	Concentration	Units	Q
156-60-5	trans-1,2-Dichloroethylene	A2977-1519	0.95	0.95	ug/L	U
10061-02-6	trans-1,3-Dichloropropene	A2977-1519	0.79	0.79	ug/L	U
994-05-8	TAME	A2977-1519	0.86	0.86	ug/L	U
98-06-6	tert-Butylbenzene	A2977-1519	0.85	0.85	ug/L	U
75-65-0	Tertiary butyl alcohol	A2977-1519	8.10	8.10	ug/L	U
127-18-4	Tetrachloroethylene	A2977-1519	0.84	0.84	ug/L	U
108-88-3	Toluene	A2977-1519	1.08	1.08	ug/L	U
79-01-6	TCE	A2977-1519	0.94	0.94	ug/L	U
75-69-4	Freon 11	A2977-1519	1.00	1.00	ug/L	U
75-01-4	Vinyl Chloride	A2977-1519	0.82	0.82	ug/L	U

Surrogate Results

Cas No	Analyte	File ID	% Recovery	QC Limits	Q
17060-07-0	1,2-DICHLOROETHANE-D4	A2977-1519	107.0 %	(67 - 121)	
460-00-4	4-BROMOFLUOROBENZENE	A2977-1519	107.0 %	(74 - 114)	
4774-33-8	DIBROMOFLUOROMETHANE	A2977-1519	103.0 %	(75 - 112)	
2037-26-5	TOLUENE-D8	A2977-1519	96.4 %	(70 - 113)	

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02/04/2009

Volatiles - EPA 8260B

Sample: 0901338-11
Client Sample ID: GP-02 (GW)
Matrix: Liquid
Remarks: See Case Narrative
Analyzed Date: 01/28/2009

Type: Grab

Collected: 01/23/2009 12:36

Analytical Results

Cas No	Analyte	File ID	MDL	Concentration	Units	Q
630-20-6	1,1,1,2-Tetrachloroethane	A2977-1520	8.60	8.60	ug/L	U
71-55-6	1,1,1-Trichloroethane	A2977-1520	9.50	9.50	ug/L	U
79-34-5	1,1,2,2-Tetrachloroethane	A2977-1520	7.50	7.50	ug/L	U
79-00-5	1,1,2-Trichloroethane	A2977-1520	9.00	9.00	ug/L	U
76-13-1	Freon 113	A2977-1520	8.80	8.80	ug/L	U
75-34-3	1,1-Dichloroethane	A2977-1520	10.1	10.1	ug/L	U
75-35-4	1,1-Dichloroethylene	A2977-1520	9.30	9.30	ug/L	U
563-58-6	1,1-Dichlorpropene	A2977-1520	8.00	8.00	ug/L	U
87-61-6	1,2,3-Trichlorobenzene	A2977-1520	6.20	6.20	ug/L	U
96-18-4	1,2,3-Trichloropropane	A2977-1520	7.80	7.80	ug/L	U
95-93-2	1,2,4,5-Tetramethylbenzene	A2977-1520	7.80	**111**	ug/L	
120-82-1	1,2,4-Trichlorobenzene	A2977-1520	6.70	6.70	ug/L	U
95-63-6	1,2,4-Trimethylbenzene	A2977-1520	8.40	8.40	ug/L	U
96-12-8	1,2-Dibromo-3-chloropropane	A2977-1520	7.50	7.50	ug/L	U
106-93-4	1,2-Dibromoethane	A2977-1520	7.80	7.80	ug/L	U
95-50-1	1,2-Dichlorobenzene	A2977-1520	8.00	8.00	ug/L	U
107-06-2	1,2-Dichloroethane	A2977-1520	9.70	9.70	ug/L	U
78-87-5	1,2-Dichloropropane	A2977-1520	8.90	8.90	ug/L	U
108-67-8	1,3,5-Trimethylbenzene	A2977-1520	8.20	8.20	ug/L	U
541-73-1	1,3-Dichlorobenzene	A2977-1520	7.70	7.70	ug/L	U
142-28-9	1,3-Dichloropropane	A2977-1520	8.30	8.30	ug/L	U
106-46-7	1,4-Dichlorobenzene	A2977-1520	7.80	7.80	ug/L	U
590-20-7	2,2-Dichloropropane	A2977-1520	8.70	8.70	ug/L	U
78-93-3	Methyl ethyl ketone (2-Butanone)	A2977-1520	7.60	7.60	ug/L	U
110-75-8	2-Chloroethyl vinyl ether	A2977-1520	14.2	14.2	ug/L	U
95-49-8	2-Chlorotoluene	A2977-1520	8.30	8.30	ug/L	U
591-78-6	2-Hexanone	A2977-1520	6.10	6.10	ug/L	U
106-43-4	4-Chlorotoluene	A2977-1520	7.80	7.80	ug/L	U
99-87-6	4-Isopropyltoluene	A2977-1520	8.10	8.10	ug/L	U
108-10-1	4-Methyl-2-pentanone (MIBK)	A2977-1520	8.60	8.60	ug/L	U
67-64-1	2-Propanone	A2977-1520	11.6	11.6	ug/L	U
107-13-1	Acrylonitrile	A2977-1520	37.8	37.8	ug/L	U

Environmental Testing Laboratories, Inc.
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02/04/2009

Volatiles - EPA 8260B

Sample: 0901338-11
Client Sample ID: GP-02 (GW)
Matrix: Liquid
Remarks: See Case Narrative
Analyzed Date: 01/28/2009

Type: Grab

Collected: 01/23/2009 12:36

Analytical Results

Cas No	Analyte	File ID	MDL	Concentration	Units	Q
71-43-2	Benzene	A2977-1520	8.80	8.80	ug/L	U
108-86-1	Bromobenzene	A2977-1520	8.00	8.00	ug/L	U
74-97-5	Bromochloromethane	A2977-1520	9.10	9.10	ug/L	U
75-27-4	Bromodichloromethane	A2977-1520	8.90	8.90	ug/L	U
75-25-2	Bromoform	A2977-1520	8.10	8.10	ug/L	U
74-83-9	Bromomethane	A2977-1520	10.2	10.2	ug/L	U
156-59-2	cis-1,2-Dichloroethylene	A2977-1520	8.90	8.90	ug/L	U
10061-01-5	cis-1,3-Dichloropropene	A2977-1520	8.70	8.70	ug/L	U
75-15-0	Carbon disulfide	A2977-1520	8.20	8.20	ug/L	U
56-23-5	Carbon tetrachloride	A2977-1520	9.00	9.00	ug/L	U
108-90-7	Chlorobenzene	A2977-1520	8.60	8.60	ug/L	U
75-45-6	Chlorodifluoromethane	A2977-1520	9.30	9.30	ug/L	U
75-00-3	Chloroethane	A2977-1520	14.4	14.4	ug/L	U
67-66-3	Chloroform	A2977-1520	9.70	9.70	ug/L	U
74-87-3	Chloromethane	A2977-1520	7.90	7.90	ug/L	U
124-48-1	Dibromochloromethane	A2977-1520	8.30	8.30	ug/L	U
74-95-3	Dibromomethane	A2977-1520	9.10	9.10	ug/L	U
75-71-8	Dichlorodifluoromethane	A2977-1520	8.00	8.00	ug/L	U
100-41-4	Ethylbenzene	A2977-1520	8.90	8.90	ug/L	U
87-68-3	Hexachlorobutadiene	A2977-1520	7.90	7.90	ug/L	U
98-82-8	Cumene	A2977-1520	8.60	**11.6**	ug/L	J
108-38-3	m,p-Xylene	A2977-1520	17.4	17.4	ug/L	U
1634-04-4	Methyl tertiary butyl ether	A2977-1520	8.80	8.80	ug/L	U
75-09-2	Methylene Chloride	A2977-1520	10.8	10.8	ug/L	U
104-51-8	n-Butylbenzene	A2977-1520	8.30	**8.92**	ug/L	J
103-65-1	n-Propylbenzene	A2977-1520	8.10	**17.2**	ug/L	J
91-20-3	Naphthalene	A2977-1520	6.10	6.10	ug/L	U
95-47-6	o-Xylene	A2977-1520	8.50	8.50	ug/L	U
105-05-5	p-Diethylbenzene	A2977-1520	7.70	**14.5**	ug/L	J
622-96-8	p-Ethyltoluene	A2977-1520	8.10	8.10	ug/L	U
135-98-8	sec-Butylbenzene	A2977-1520	7.80	**15.1**	ug/L	J
100-42-5	Styrene	A2977-1520	8.10	8.10	ug/L	U

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02/04/2009

Volatiles - EPA 8260B

Sample: 0901338-11
Client Sample ID: GP-02 (GW) Collected: 01/23/2009 12:36
Matrix: Liquid Type: Grab
Remarks: See Case Narrative
Analyzed Date: 01/28/2009

Analytical Results

Cas No	Analyte	File ID	MDL	Concentration	Units	Q
156-60-5	trans-1,2-Dichloroethylene	A2977-1520	9.50	9.50	ug/L	U
10061-02-6	trans-1,3-Dichloropropene	A2977-1520	7.90	7.90	ug/L	U
994-05-8	TAME	A2977-1520	8.60	8.60	ug/L	U
98-06-6	tert-Butylbenzene	A2977-1520	8.50	8.50	ug/L	U
75-65-0	Tertiary butyl alcohol	A2977-1520	81.0	81.0	ug/L	U
127-18-4	Tetrachloroethylene	A2977-1520	8.40	8.40	ug/L	U
108-88-3	Toluene	A2977-1520	10.8	10.8	ug/L	U
79-01-6	TCE	A2977-1520	9.40	9.40	ug/L	U
75-69-4	Freon 11	A2977-1520	10.0	10.0	ug/L	U
75-01-4	Vinyl Chloride	A2977-1520	8.20	8.20	ug/L	U

Surrogate Results

Cas No	Analyte	File ID	% Recovery	QC Limits	Q
17060-07-0	1,2-DICHLOROETHANE-D4	A2977-1520	104.0 %	(67 - 121)	
460-00-4	4-BROMOFLUOROBENZENE	A2977-1520	109.0 %	(74 - 114)	
4774-33-8	DIBROMOFLUOROMETHANE	A2977-1520	101.0 %	(75 - 112)	
2037-26-5	TOLUENE-D8	A2977-1520	97.0 %	(70 - 113)	

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02/04/2009

Volatiles - EPA 8260B

Sample: 0901338-12
Client Sample ID: GP-03 (GW)
Matrix: Liquid
Type: Grab
Collected: 01/23/2009 15:01
Remarks: See Case Narrative
Analyzed Date: 01/27/2009

Analytical Results

Cas No	Analyte	File ID	MDL	Concentration	Units	Q
630-20-6	1,1,1,2-Tetrachloroethane	A2976-1502	0.86	0.86	ug/L	U
71-55-6	1,1,1-Trichloroethane	A2976-1502	0.95	0.95	ug/L	U
79-34-5	1,1,2,2-Tetrachloroethane	A2976-1502	0.75	0.75	ug/L	U
79-00-5	1,1,2-Trichloroethane	A2976-1502	0.90	0.90	ug/L	U
76-13-1	Freon 113	A2976-1502	0.88	0.88	ug/L	U
75-34-3	1,1-Dichloroethane	A2976-1502	1.01	1.01	ug/L	U
75-35-4	1,1-Dichloroethylene	A2976-1502	0.93	0.93	ug/L	U
563-58-6	1,1-Dichlorpropene	A2976-1502	0.80	0.80	ug/L	U
87-61-6	1,2,3-Trichlorobenzene	A2976-1502	0.62	0.62	ug/L	U
96-18-4	1,2,3-Trichloropropane	A2976-1502	0.78	0.78	ug/L	U
95-93-2	1,2,4,5-Tetramethylbenzene	A2976-1502	0.78	0.78	ug/L	U
120-82-1	1,2,4-Trichlorobenzene	A2976-1502	0.67	0.67	ug/L	U
95-63-6	1,2,4-Trimethylbenzene	A2976-1502	0.84	0.84	ug/L	U
96-12-8	1,2-Dibromo-3-chloropropane	A2976-1502	0.75	0.75	ug/L	U
106-93-4	1,2-Dibromoethane	A2976-1502	0.78	0.78	ug/L	U
95-50-1	1,2-Dichlorobenzene	A2976-1502	0.80	0.80	ug/L	U
107-06-2	1,2-Dichloroethane	A2976-1502	0.97	0.97	ug/L	U
78-87-5	1,2-Dichloropropane	A2976-1502	0.89	0.89	ug/L	U
108-67-8	1,3,5-Trimethylbenzene	A2976-1502	0.82	0.82	ug/L	U
541-73-1	1,3-Dichlorobenzene	A2976-1502	0.77	0.77	ug/L	U
142-28-9	1,3-Dichloropropane	A2976-1502	0.83	0.83	ug/L	U
106-46-7	1,4-Dichlorobenzene	A2976-1502	0.78	0.78	ug/L	U
590-20-7	2,2-Dichloropropane	A2976-1502	0.87	0.87	ug/L	U
78-93-3	Methyl ethyl ketone (2-Butanone)	A2976-1502	0.76	0.76	ug/L	U
110-75-8	2-Chloroethyl vinyl ether	A2976-1502	1.42	1.42	ug/L	U
95-49-8	2-Chlorotoluene	A2976-1502	0.83	0.83	ug/L	U
591-78-6	2-Hexanone	A2976-1502	0.61	0.61	ug/L	U
106-43-4	4-Chlorotoluene	A2976-1502	0.78	0.78	ug/L	U
99-87-6	4-Isopropyltoluene	A2976-1502	0.81	0.81	ug/L	U
108-10-1	4-Methyl-2-pentanone (MIBK)	A2976-1502	0.86	0.86	ug/L	U
67-64-1	2-Propanone	A2976-1502	1.16	1.16	ug/L	U
107-13-1	Acrylonitrile	A2976-1502	3.78	3.78	ug/L	U

Environmental Testing Laboratories, Inc.
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02/04/2009

Volatiles - EPA 8260B

Sample: 0901338-12
Client Sample ID: GP-03 (GW)
Matrix: Liquid
Remarks: See Case Narrative
Analyzed Date: 01/27/2009

Type: Grab

Collected: 01/23/2009 15:01

Analytical Results

Cas No	Analyte	File ID	MDL	Concentration	Units	Q
71-43-2	Benzene	A2976-1502	0.88	0.88	ug/L	U
108-86-1	Bromobenzene	A2976-1502	0.80	0.80	ug/L	U
74-97-5	Bromochloromethane	A2976-1502	0.91	0.91	ug/L	U
75-27-4	Bromodichloromethane	A2976-1502	0.89	0.89	ug/L	U
75-25-2	Bromoform	A2976-1502	0.81	0.81	ug/L	U
74-83-9	Bromomethane	A2976-1502	1.02	1.02	ug/L	U
156-59-2	cis-1,2-Dichloroethylene	A2976-1502	0.89	0.89	ug/L	U
10061-01-5	cis-1,3-Dichloropropene	A2976-1502	0.87	0.87	ug/L	U
75-15-0	Carbon disulfide	A2976-1502	0.82	0.82	ug/L	U
56-23-5	Carbon tetrachloride	A2976-1502	0.90	0.90	ug/L	U
108-90-7	Chlorobenzene	A2976-1502	0.86	0.86	ug/L	U
75-45-6	Chlorodifluoromethane	A2976-1502	0.93	0.93	ug/L	U
75-00-3	Chloroethane	A2976-1502	1.44	1.44	ug/L	U
67-66-3	Chloroform	A2976-1502	0.97	0.97	ug/L	U
74-87-3	Chloromethane	A2976-1502	0.79	0.79	ug/L	U
124-48-1	Dibromochloromethane	A2976-1502	0.83	0.83	ug/L	U
74-95-3	Dibromomethane	A2976-1502	0.91	0.91	ug/L	U
75-71-8	Dichlorodifluoromethane	A2976-1502	0.80	0.80	ug/L	U
100-41-4	Ethylbenzene	A2976-1502	0.89	0.89	ug/L	U
87-68-3	Hexachlorobutadiene	A2976-1502	0.79	0.79	ug/L	U
98-82-8	Cumene	A2976-1502	0.86	0.86	ug/L	U
108-38-3	m,p-Xylene	A2976-1502	1.74	1.74	ug/L	U
1634-04-4	Methyl tertiary butyl ether	A2976-1502	0.88	**1.73**	ug/L	J
75-09-2	Methylene Chloride	A2976-1502	1.08	1.08	ug/L	U
104-51-8	n-Butylbenzene	A2976-1502	0.83	0.83	ug/L	U
103-65-1	n-Propylbenzene	A2976-1502	0.81	0.81	ug/L	U
91-20-3	Naphthalene	A2976-1502	0.61	0.61	ug/L	U
95-47-6	o-Xylene	A2976-1502	0.85	0.85	ug/L	U
105-05-5	p-Diethylbenzene	A2976-1502	0.77	0.77	ug/L	U
622-96-8	p-Ethyltoluene	A2976-1502	0.81	0.81	ug/L	U
135-98-8	sec-Butylbenzene	A2976-1502	0.78	0.78	ug/L	U
100-42-5	Styrene	A2976-1502	0.81	0.81	ug/L	U

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02/04/2009

Volatiles - EPA 8260B

Sample: 0901338-12
Client Sample ID: GP-03 (GW)
Matrix: Liquid
Remarks: See Case Narrative
Analyzed Date: 01/27/2009

Type: Grab

Collected: 01/23/2009 15:01

Analytical Results

Cas No	Analyte	File ID	MDL	Concentration	Units	Q
156-60-5	trans-1,2-Dichloroethylene	A2976-1502	0.95	0.95	ug/L	U
10061-02-6	trans-1,3-Dichloropropene	A2976-1502	0.79	0.79	ug/L	U
994-05-8	TAME	A2976-1502	0.86	0.86	ug/L	U
98-06-6	tert-Butylbenzene	A2976-1502	0.85	0.85	ug/L	U
75-65-0	Tertiary butyl alcohol	A2976-1502	8.10	8.10	ug/L	U
127-18-4	Tetrachloroethylene	A2976-1502	0.84	0.84	ug/L	U
108-88-3	Toluene	A2976-1502	1.08	1.08	ug/L	U
79-01-6	TCE	A2976-1502	0.94	0.94	ug/L	U
75-69-4	Freon 11	A2976-1502	1.00	1.00	ug/L	U
75-01-4	Vinyl Chloride	A2976-1502	0.82	0.82	ug/L	U

Surrogate Results

Cas No	Analyte	File ID	% Recovery	QC Limits	Q
17060-07-0	1,2-DICHLOROETHANE-D4	A2976-1502	103.0 %	(67 - 121)	
460-00-4	4-BROMOFLUOROBENZENE	A2976-1502	108.0 %	(74 - 114)	
4774-33-8	DIBROMOFLUOROMETHANE	A2976-1502	103.0 %	(75 - 112)	
2037-26-5	TOLUENE-D8	A2976-1502	98.7 %	(70 - 113)	

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02/04/2009

Volatiles - EPA 8260B

Sample: 0901338-13
Client Sample ID: GP-07 (GW)
Matrix: Liquid
Type: Grab
Collected: 01/23/2009 15:21
Remarks: See Case Narrative
Analyzed Date: 01/27/2009

Analytical Results

Cas No	Analyte	File ID	MDL	Concentration	Units	Q
630-20-6	1,1,1,2-Tetrachloroethane	A2976-1503	0.86	0.86	ug/L	U
71-55-6	1,1,1-Trichloroethane	A2976-1503	0.95	0.95	ug/L	U
79-34-5	1,1,2,2-Tetrachloroethane	A2976-1503	0.75	0.75	ug/L	U
79-00-5	1,1,2-Trichloroethane	A2976-1503	0.90	0.90	ug/L	U
76-13-1	Freon 113	A2976-1503	0.88	0.88	ug/L	U
75-34-3	1,1-Dichloroethane	A2976-1503	1.01	1.01	ug/L	U
75-35-4	1,1-Dichloroethylene	A2976-1503	0.93	0.93	ug/L	U
563-58-6	1,1-Dichlorpropene	A2976-1503	0.80	0.80	ug/L	U
87-61-6	1,2,3-Trichlorobenzene	A2976-1503	0.62	0.62	ug/L	U
96-18-4	1,2,3-Trichloropropane	A2976-1503	0.78	0.78	ug/L	U
95-93-2	1,2,4,5-Tetramethylbenzene	A2976-1503	0.78	0.78	ug/L	U
120-82-1	1,2,4-Trichlorobenzene	A2976-1503	0.67	0.67	ug/L	U
95-63-6	1,2,4-Trimethylbenzene	A2976-1503	0.84	0.84	ug/L	U
96-12-8	1,2-Dibromo-3-chloropropane	A2976-1503	0.75	0.75	ug/L	U
106-93-4	1,2-Dibromoethane	A2976-1503	0.78	0.78	ug/L	U
95-50-1	1,2-Dichlorobenzene	A2976-1503	0.80	0.80	ug/L	U
107-06-2	1,2-Dichloroethane	A2976-1503	0.97	0.97	ug/L	U
78-87-5	1,2-Dichloropropane	A2976-1503	0.89	0.89	ug/L	U
108-67-8	1,3,5-Trimethylbenzene	A2976-1503	0.82	0.82	ug/L	U
541-73-1	1,3-Dichlorobenzene	A2976-1503	0.77	0.77	ug/L	U
142-28-9	1,3-Dichloropropane	A2976-1503	0.83	0.83	ug/L	U
106-46-7	1,4-Dichlorobenzene	A2976-1503	0.78	0.78	ug/L	U
590-20-7	2,2-Dichloropropane	A2976-1503	0.87	0.87	ug/L	U
78-93-3	Methyl ethyl ketone (2-Butanone)	A2976-1503	0.76	0.76	ug/L	U
110-75-8	2-Chloroethyl vinyl ether	A2976-1503	1.42	1.42	ug/L	U
95-49-8	2-Chlorotoluene	A2976-1503	0.83	0.83	ug/L	U
591-78-6	2-Hexanone	A2976-1503	0.61	0.61	ug/L	U
106-43-4	4-Chlorotoluene	A2976-1503	0.78	0.78	ug/L	U
99-87-6	4-Isopropyltoluene	A2976-1503	0.81	0.81	ug/L	U
108-10-1	4-Methyl-2-pentanone (MIBK)	A2976-1503	0.86	0.86	ug/L	U
67-64-1	2-Propanone	A2976-1503	1.16	1.16	ug/L	U
107-13-1	Acrylonitrile	A2976-1503	3.78	3.78	ug/L	U

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02/04/2009

Volatiles - EPA 8260B

Sample: 0901338-13
Client Sample ID: GP-07 (GW)
Matrix: Liquid
Remarks: See Case Narrative
Analyzed Date: 01/27/2009

Type: Grab

Collected: 01/23/2009 15:21

Analytical Results

Cas No	Analyte	File ID	MDL	Concentration	Units	Q
71-43-2	Benzene	A2976-1503	0.88	0.88	ug/L	U
108-86-1	Bromobenzene	A2976-1503	0.80	0.80	ug/L	U
74-97-5	Bromochloromethane	A2976-1503	0.91	0.91	ug/L	U
75-27-4	Bromodichloromethane	A2976-1503	0.89	0.89	ug/L	U
75-25-2	Bromoform	A2976-1503	0.81	0.81	ug/L	U
74-83-9	Bromomethane	A2976-1503	1.02	1.02	ug/L	U
156-59-2	cis-1,2-Dichloroethylene	A2976-1503	0.89	**6.32**	ug/L	
10061-01-5	cis-1,3-Dichloropropene	A2976-1503	0.87	0.87	ug/L	U
75-15-0	Carbon disulfide	A2976-1503	0.82	**0.98**	ug/L	J
56-23-5	Carbon tetrachloride	A2976-1503	0.90	0.90	ug/L	U
108-90-7	Chlorobenzene	A2976-1503	0.86	0.86	ug/L	U
75-45-6	Chlorodifluoromethane	A2976-1503	0.93	0.93	ug/L	U
75-00-3	Chloroethane	A2976-1503	1.44	1.44	ug/L	U
67-66-3	Chloroform	A2976-1503	0.97	0.97	ug/L	U
74-87-3	Chloromethane	A2976-1503	0.79	0.79	ug/L	U
124-48-1	Dibromochloromethane	A2976-1503	0.83	0.83	ug/L	U
74-95-3	Dibromomethane	A2976-1503	0.91	0.91	ug/L	U
75-71-8	Dichlorodifluoromethane	A2976-1503	0.80	0.80	ug/L	U
100-41-4	Ethylbenzene	A2976-1503	0.89	0.89	ug/L	U
87-68-3	Hexachlorobutadiene	A2976-1503	0.79	0.79	ug/L	U
98-82-8	Cumene	A2976-1503	0.86	0.86	ug/L	U
108-38-3	m,p-Xylene	A2976-1503	1.74	1.74	ug/L	U
1634-04-4	Methyl tertiary butyl ether	A2976-1503	0.88	**4.99**	ug/L	J
75-09-2	Methylene Chloride	A2976-1503	1.08	1.08	ug/L	U
104-51-8	n-Butylbenzene	A2976-1503	0.83	0.83	ug/L	U
103-65-1	n-Propylbenzene	A2976-1503	0.81	0.81	ug/L	U
91-20-3	Naphthalene	A2976-1503	0.61	0.61	ug/L	U
95-47-6	o-Xylene	A2976-1503	0.85	0.85	ug/L	U
105-05-5	p-Diethylbenzene	A2976-1503	0.77	0.77	ug/L	U
622-96-8	p-Ethyltoluene	A2976-1503	0.81	0.81	ug/L	U
135-98-8	sec-Butylbenzene	A2976-1503	0.78	0.78	ug/L	U
100-42-5	Styrene	A2976-1503	0.81	0.81	ug/L	U

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02/04/2009

Volatiles - EPA 8260B

Sample: 0901338-13
Client Sample ID: GP-07 (GW) Collected: 01/23/2009 15:21
Matrix: Liquid Type: Grab
Remarks: See Case Narrative
Analyzed Date: 01/27/2009

Analytical Results

Cas No	Analyte	File ID	MDL	Concentration	Units	Q
156-60-5	trans-1,2-Dichloroethylene	A2976-1503	0.95	0.95	ug/L	U
10061-02-6	trans-1,3-Dichloropropene	A2976-1503	0.79	0.79	ug/L	U
994-05-8	TAME	A2976-1503	0.86	0.86	ug/L	U
98-06-6	tert-Butylbenzene	A2976-1503	0.85	0.85	ug/L	U
75-65-0	Tertiary butyl alcohol	A2976-1503	8.10	8.10	ug/L	U
127-18-4	Tetrachloroethylene	A2976-1503	0.84	**9.04**	ug/L	
108-88-3	Toluene	A2976-1503	1.08	1.08	ug/L	U
79-01-6	TCE	A2976-1503	0.94	**29.4**	ug/L	
75-69-4	Freon 11	A2976-1503	1.00	1.00	ug/L	U
75-01-4	Vinyl Chloride	A2976-1503	0.82	0.82	ug/L	U

Surrogate Results

Cas No	Analyte	File ID	% Recovery	QC Limits	Q
17060-07-0	1,2-DICHLOROETHANE-D4	A2976-1503	99.5 %	(67 - 121)	
460-00-4	4-BROMOFLUOROBENZENE	A2976-1503	106.0 %	(74 - 114)	
4774-33-8	DIBROMOFLUOROMETHANE	A2976-1503	102.0 %	(75 - 112)	
2037-26-5	TOLUENE-D8	A2976-1503	97.2 %	(70 - 113)	

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02/04/2009

Semivolatile Base Neutral Compounds - EPA 8270C

Sample: 0901338-1

Client Sample ID: GP-01 (8-10')
Matrix: Soil
Type: Grab
Collected: 01/23/2009 10:20
% Solid: 85.9%
Remarks:
Analyzed Date: 01/27/2009
Preparation Date(s) : 01/27/2009

Analytical Results

Cas No	Analyte	File ID	MDL	Concentration*	Units	Q
120-82-1	1,2,4-Trichlorobenzene	C2161-9381	48.4	48.4	ug/Kg	U
95-50-1	1,2-Dichlorobenzene	C2161-9381	36.0	36.0	ug/Kg	U
541-73-1	1,3-Dichlorobenzene	C2161-9381	39.1	39.1	ug/Kg	U
106-46-7	1,4-Dichlorobenzene	C2161-9381	38.0	38.0	ug/Kg	U
121-14-2	2,4-Dinitrotoluene	C2161-9381	69.8	69.8	ug/Kg	U
606-20-2	2,6-Dinitrotoluene	C2161-9381	48.0	48.0	ug/Kg	U
91-58-7	2-Chloronaphthalene	C2161-9381	56.1	56.1	ug/Kg	U
91-57-6	2-Methylnaphthalene	C2161-9381	46.2	**99.8**	ug/Kg	J
88-74-4	2-Nitroaniline	C2161-9381	60.7	60.7	ug/Kg	U
91-94-1	3,3'-Dichlorobenzidine	C2161-9381	56.1	56.1	ug/Kg	U
99-09-2	3-Nitroaniline	C2161-9381	20.0	20.0	ug/Kg	U
101-55-3	4-Bromophenylphenyl ether	C2161-9381	52.9	52.9	ug/Kg	U
106-47-8	4-Chloroaniline	C2161-9381	44.4	44.4	ug/Kg	U
7005-72-3	4-Chlorophenylphenyl ether	C2161-9381	45.3	45.3	ug/Kg	U
100-01-6	4-Nitroaniline	C2161-9381	114	114	ug/Kg	U
83-32-9	Acenaphthene	C2161-9381	49.0	**56.0**	ug/Kg	J
208-96-8	Acenaphthylene	C2161-9381	40.0	**158**	ug/Kg	J
120-12-7	Anthracene	C2161-9381	51.8	**248**	ug/Kg	J
56-55-3	Benzo[a]anthracene	C2161-9381	49.2	**419**	ug/Kg	J
50-32-8	Benzo[a]pyrene	C2161-9381	60.7	**385**	ug/Kg	J
205-99-2	3,4-Benzofluoranthene	C2161-9381	48.3	**279**	ug/Kg	J
191-24-2	Benzo[g,h,i]perylene	C2161-9381	88.9	**193**	ug/Kg	J
207-08-9	Benzo[k]fluoranthene	C2161-9381	88.6	**331**	ug/Kg	J
65-85-0	Benzoic acid	C2161-9381	6820	6820	ug/Kg	U
100-51-6	Benzyl alcohol	C2161-9381	68.7	68.7	ug/Kg	U
111-91-1	bis(2-chloroethoxy)methane	C2161-9381	48.2	48.2	ug/Kg	U
111-44-4	bis(2-chloroethyl)ether	C2161-9381	55.1	55.1	ug/Kg	U
108-60-1	bis(2-chloroisopropyl)ether	C2161-9381	42.7	42.7	ug/Kg	U
117-81-7	bis(2-Ethylhexyl)phthalate	C2161-9381	76.3	**169**	ug/Kg	J
85-68-7	Butyl benzyl phthalate	C2161-9381	61.5	61.5	ug/Kg	U
86-74-8	Carbazole	C2161-9381	67.1	67.1	ug/Kg	U
218-01-9	Chrysene	C2161-9381	61.6	**467**	ug/Kg	J

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02/04/2009

Semivolatile Base Neutral Compounds - EPA 8270C

Sample: 0901338-1

Client Sample ID: GP-01 (8-10')
Matrix: Soil
Type: Grab
Remarks:
Analyzed Date: 01/27/2009
Preparation Date(s) : 01/27/2009

Collected: 01/23/2009 10:20
% Solid: 85.9%

Analytical Results

Cas No	Analyte	File ID	MDL	Concentration*	Units	Q
84-74-2	Di-n-butyl phthalate	C2161-9381	65.5	65.5	ug/Kg	U
117-84-0	Di-n-octyl phthalate	C2161-9381	57.3	57.3	ug/Kg	U
53-70-3	Dibenzo[a,h]anthracene	C2161-9381	65.0	**73.2**	ug/Kg	J
132-64-9	Dibenzofuran	C2161-9381	38.9	38.9	ug/Kg	U
84-66-2	Diethyl phthalate	C2161-9381	76.1	76.1	ug/Kg	U
131-11-3	Dimethyl phthalate	C2161-9381	56.2	56.2	ug/Kg	U
206-44-0	Fluoranthene	C2161-9381	64.1	**944**	ug/Kg	
86-73-7	Fluorene	C2161-9381	46.8	**162**	ug/Kg	J
118-74-1	Hexachlorobenzene	C2161-9381	49.8	49.8	ug/Kg	U
87-68-3	Hexachlorobutadiene	C2161-9381	46.6	46.6	ug/Kg	U
77-47-4	Hexachlorocyclopentadiene	C2161-9381	360	360	ug/Kg	U
67-72-1	Hexachloroethane	C2161-9381	51.8	51.8	ug/Kg	U
193-39-5	Indeno[1,2,3-cd]pyrene	C2161-9381	53.8	**188**	ug/Kg	J
78-59-1	Isophorone	C2161-9381	53.2	53.2	ug/Kg	U
621-64-7	Di-n-propylnitrosamine	C2161-9381	35.2	35.2	ug/Kg	U
86-30-6	Diphenylnitrosamine	C2161-9381	63.4	**197**	ug/Kg	J
91-20-3	Naphthalene	C2161-9381	46.8	**115**	ug/Kg	J
98-95-3	Nitrobenzene	C2161-9381	45.1	45.1	ug/Kg	U
85-01-8	Phenanthrene	C2161-9381	53.0	**900**	ug/Kg	
129-00-0	Pyrene	C2161-9381	43.1	**977**	ug/Kg	
110-86-1	Pyridine	C2161-9381	66.7	66.7	ug/Kg	U

* Results are reported on a dry weight basis

Surrogate Results

Cas No	Analyte	File ID	% Recovery	QC Limits	Q
118-76-6	2,4,6-TRIBROMOPHENOL	C2161-9381	82.1 %	(19 - 122)	
321-60-8	2-FLUOROBIPHENYL	C2161-9381	72.6 %	(30 - 115)	
367-12-4	2-FLUOROPHENOL	C2161-9381	63.8 %	(25 - 121)	
4165-60-0	NITROBENZENE-D5	C2161-9381	67.1 %	(23 - 120)	
13127-88-3	PHENOL-D6	C2161-9381	68.9 %	(24 - 113)	
1718-51-0	TERPHENYL-D14	C2161-9381	82.1 %	(18 - 137)	

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02/04/2009

Semivolatile Base Neutral Compounds - EPA 8270C

Sample: 0901338-2

Client Sample ID: GP-02 (4-8')
Matrix: Soil
Type: Grab
Remarks:
Analyzed Date: 01/27/2009
Preparation Date(s) : 01/27/2009

Collected: 01/23/2009 11:55
% Solid: 89.4%

Analytical Results

Cas No	Analyte	File ID	MDL	Concentration*	Units	Q
120-82-1	1,2,4-Trichlorobenzene	C2161-9378	46.5	46.5	ug/Kg	U
95-50-1	1,2-Dichlorobenzene	C2161-9378	34.6	34.6	ug/Kg	U
541-73-1	1,3-Dichlorobenzene	C2161-9378	37.6	37.6	ug/Kg	U
106-46-7	1,4-Dichlorobenzene	C2161-9378	36.5	36.5	ug/Kg	U
121-14-2	2,4-Dinitrotoluene	C2161-9378	67.1	67.1	ug/Kg	U
606-20-2	2,6-Dinitrotoluene	C2161-9378	46.1	46.1	ug/Kg	U
91-58-7	2-Chloronaphthalene	C2161-9378	53.9	53.9	ug/Kg	U
91-57-6	2-Methylnaphthalene	C2161-9378	44.4	**245**	ug/Kg	J
88-74-4	2-Nitroaniline	C2161-9378	58.3	58.3	ug/Kg	U
91-94-1	3,3'-Dichlorobenzidine	C2161-9378	53.9	53.9	ug/Kg	U
99-09-2	3-Nitroaniline	C2161-9378	19.2	19.2	ug/Kg	U
101-55-3	4-Bromophenylphenyl ether	C2161-9378	50.8	50.8	ug/Kg	U
106-47-8	4-Chloroaniline	C2161-9378	42.6	42.6	ug/Kg	U
7005-72-3	4-Chlorophenylphenyl ether	C2161-9378	43.5	43.5	ug/Kg	U
100-01-6	4-Nitroaniline	C2161-9378	109	109	ug/Kg	U
83-32-9	Acenaphthene	C2161-9378	47.1	47.1	ug/Kg	U
208-96-8	Acenaphthylene	C2161-9378	38.5	38.5	ug/Kg	U
120-12-7	Anthracene	C2161-9378	49.8	49.8	ug/Kg	U
56-55-3	Benzo[a]anthracene	C2161-9378	47.3	47.3	ug/Kg	U
50-32-8	Benzo[a]pyrene	C2161-9378	58.3	58.3	ug/Kg	U
205-99-2	3,4-Benzofluoranthene	C2161-9378	46.4	46.4	ug/Kg	U
191-24-2	Benzo[g,h,i]perylene	C2161-9378	85.5	85.5	ug/Kg	U
207-08-9	Benzo[k]fluoranthene	C2161-9378	85.1	85.1	ug/Kg	U
65-85-0	Benzoic acid	C2161-9378	6550	6550	ug/Kg	U
100-51-6	Benzyl alcohol	C2161-9378	66.0	66.0	ug/Kg	U
111-91-1	bis(2-chloroethoxy)methane	C2161-9378	46.3	46.3	ug/Kg	U
111-44-4	bis(2-chloroethyl)ether	C2161-9378	52.9	52.9	ug/Kg	U
108-60-1	bis(2-chloroisopropyl)ether	C2161-9378	41.1	41.1	ug/Kg	U
117-81-7	bis(2-Ethylhexyl)phthalate	C2161-9378	73.3	73.3	ug/Kg	U
85-68-7	Butyl benzyl phthalate	C2161-9378	59.1	59.1	ug/Kg	U
86-74-8	Carbazole	C2161-9378	64.4	64.4	ug/Kg	U
218-01-9	Chrysene	C2161-9378	59.2	59.2	ug/Kg	U

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02/04/2009

Semivolatile Base Neutral Compounds - EPA 8270C

Sample: 0901338-2

Client Sample ID: GP-02 (4-8')
Matrix: Soil
Type: Grab
Remarks:
Analyzed Date: 01/27/2009
Preparation Date(s) : 01/27/2009

Collected: 01/23/2009 11:55
% Solid: 89.4%

Analytical Results

Cas No	Analyte	File ID	MDL	Concentration*	Units	Q
84-74-2	Di-n-butyl phthalate	C2161-9378	63.0	63.0	ug/Kg	U
117-84-0	Di-n-octyl phthalate	C2161-9378	55.0	55.0	ug/Kg	U
53-70-3	Dibenzo[a,h]anthracene	C2161-9378	62.4	62.4	ug/Kg	U
132-64-9	Dibenzofuran	C2161-9378	37.4	37.4	ug/Kg	U
84-66-2	Diethyl phthalate	C2161-9378	73.2	73.2	ug/Kg	U
131-11-3	Dimethyl phthalate	C2161-9378	54.0	54.0	ug/Kg	U
206-44-0	Fluoranthene	C2161-9378	61.6	61.6	ug/Kg	U
86-73-7	Fluorene	C2161-9378	45.0	45.0	ug/Kg	U
118-74-1	Hexachlorobenzene	C2161-9378	47.9	47.9	ug/Kg	U
87-68-3	Hexachlorobutadiene	C2161-9378	44.7	44.7	ug/Kg	U
77-47-4	Hexachlorocyclopentadiene	C2161-9378	346	346	ug/Kg	U
67-72-1	Hexachloroethane	C2161-9378	49.8	49.8	ug/Kg	U
193-39-5	Indeno[1,2,3-cd]pyrene	C2161-9378	51.7	51.7	ug/Kg	U
78-59-1	Isophorone	C2161-9378	51.1	51.1	ug/Kg	U
621-64-7	Di-n-propylnitrosamine	C2161-9378	33.8	33.8	ug/Kg	U
86-30-6	Diphenylnitrosamine	C2161-9378	61.0	61.0	ug/Kg	U
91-20-3	Naphthalene	C2161-9378	45.0	**49.7**	ug/Kg	J
98-95-3	Nitrobenzene	C2161-9378	43.3	43.3	ug/Kg	U
85-01-8	Phenanthrene	C2161-9378	50.9	**62.3**	ug/Kg	J
129-00-0	Pyrene	C2161-9378	41.4	**45.2**	ug/Kg	J
110-86-1	Pyridine	C2161-9378	64.1	64.1	ug/Kg	U

* Results are reported on a dry weight basis

Surrogate Results

Cas No	Analyte	File ID	% Recovery	QC Limits	Q
118-76-6	2,4,6-TRIBROMOPHENOL	C2161-9378	96.4 %	(19 - 122)	
321-60-8	2-FLUOROBIPHENYL	C2161-9378	68.4 %	(30 - 115)	
367-12-4	2-FLUOROPHENOL	C2161-9378	68.0 %	(25 - 121)	
4165-60-0	NITROBENZENE-D5	C2161-9378	66.9 %	(23 - 120)	
13127-88-3	PHENOL-D6	C2161-9378	68.7 %	(24 - 113)	
1718-51-0	TERPHENYL-D14	C2161-9378	82.7 %	(18 - 137)	

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02/04/2009

Semivolatile Base Neutral Compounds - EPA 8270C

Sample: 0901338-3

Client Sample ID: GP-03 (4-8')
Matrix: Soil
Type: Grab
Collected: 01/23/2009 13:12
% Solid: 89%
Remarks:
Analyzed Date: 01/27/2009
Preparation Date(s) : 01/27/2009

Analytical Results

Cas No	Analyte	File ID	MDL	Concentration*	Units	Q
120-82-1	1,2,4-Trichlorobenzene	C2161-9379	46.7	46.7	ug/Kg	U
95-50-1	1,2-Dichlorobenzene	C2161-9379	34.7	34.7	ug/Kg	U
541-73-1	1,3-Dichlorobenzene	C2161-9379	37.8	37.8	ug/Kg	U
106-46-7	1,4-Dichlorobenzene	C2161-9379	36.6	36.6	ug/Kg	U
121-14-2	2,4-Dinitrotoluene	C2161-9379	67.4	67.4	ug/Kg	U
606-20-2	2,6-Dinitrotoluene	C2161-9379	46.3	46.3	ug/Kg	U
91-58-7	2-Chloronaphthalene	C2161-9379	54.2	54.2	ug/Kg	U
91-57-6	2-Methylnaphthalene	C2161-9379	44.6	44.6	ug/Kg	U
88-74-4	2-Nitroaniline	C2161-9379	58.5	58.5	ug/Kg	U
91-94-1	3,3'-Dichlorobenzidine	C2161-9379	54.2	54.2	ug/Kg	U
99-09-2	3-Nitroaniline	C2161-9379	19.3	19.3	ug/Kg	U
101-55-3	4-Bromophenylphenyl ether	C2161-9379	51.0	51.0	ug/Kg	U
106-47-8	4-Chloroaniline	C2161-9379	42.8	42.8	ug/Kg	U
7005-72-3	4-Chlorophenylphenyl ether	C2161-9379	43.7	43.7	ug/Kg	U
100-01-6	4-Nitroaniline	C2161-9379	110	110	ug/Kg	U
83-32-9	Acenaphthene	C2161-9379	47.3	47.3	ug/Kg	U
208-96-8	Acenaphthylene	C2161-9379	38.7	38.7	ug/Kg	U
120-12-7	Anthracene	C2161-9379	50.0	50.0	ug/Kg	U
56-55-3	Benzo[a]anthracene	C2161-9379	47.5	47.5	ug/Kg	U
50-32-8	Benzo[a]pyrene	C2161-9379	58.5	58.5	ug/Kg	U
205-99-2	3,4-Benzofluoranthene	C2161-9379	46.6	46.6	ug/Kg	U
191-24-2	Benzo[g,h,i]perylene	C2161-9379	85.8	85.8	ug/Kg	U
207-08-9	Benzo[k]fluoranthene	C2161-9379	85.5	85.5	ug/Kg	U
65-85-0	Benzoic acid	C2161-9379	6580	6580	ug/Kg	U
100-51-6	Benzyl alcohol	C2161-9379	66.3	66.3	ug/Kg	U
111-91-1	bis(2-chloroethoxy)methane	C2161-9379	46.5	46.5	ug/Kg	U
111-44-4	bis(2-chloroethyl)ether	C2161-9379	53.1	53.1	ug/Kg	U
108-60-1	bis(2-chloroisopropyl)ether	C2161-9379	41.2	41.2	ug/Kg	U
117-81-7	bis(2-Ethylhexyl)phthalate	C2161-9379	73.6	73.6	ug/Kg	U
85-68-7	Butyl benzyl phthalate	C2161-9379	59.3	59.3	ug/Kg	U
86-74-8	Carbazole	C2161-9379	64.7	64.7	ug/Kg	U
218-01-9	Chrysene	C2161-9379	59.4	59.4	ug/Kg	U

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02/04/2009

Semivolatile Base Neutral Compounds - EPA 8270C

Sample: 0901338-3

Client Sample ID: GP-03 (4-8')
Matrix: Soil
Type: Grab
Remarks:
Analyzed Date: 01/27/2009
Preparation Date(s) : 01/27/2009

Collected: 01/23/2009 13:12
% Solid: 89%

Analytical Results

Cas No	Analyte	File ID	MDL	Concentration*	Units	Q
84-74-2	Di-n-butyl phthalate	C2161-9379	63.3	63.3	ug/Kg	U
117-84-0	Di-n-octyl phthalate	C2161-9379	55.3	55.3	ug/Kg	U
53-70-3	Dibenzo[a,h]anthracene	C2161-9379	62.7	62.7	ug/Kg	U
132-64-9	Dibenzofuran	C2161-9379	37.5	37.5	ug/Kg	U
84-66-2	Diethyl phthalate	C2161-9379	73.5	73.5	ug/Kg	U
131-11-3	Dimethyl phthalate	C2161-9379	54.3	54.3	ug/Kg	U
206-44-0	Fluoranthene	C2161-9379	61.9	**73.6**	ug/Kg	J
86-73-7	Fluorene	C2161-9379	45.2	45.2	ug/Kg	U
118-74-1	Hexachlorobenzene	C2161-9379	48.1	48.1	ug/Kg	U
87-68-3	Hexachlorobutadiene	C2161-9379	44.9	44.9	ug/Kg	U
77-47-4	Hexachlorocyclopentadiene	C2161-9379	347	347	ug/Kg	U
67-72-1	Hexachloroethane	C2161-9379	50.0	50.0	ug/Kg	U
193-39-5	Indeno[1,2,3-cd]pyrene	C2161-9379	51.9	51.9	ug/Kg	U
78-59-1	Isophorone	C2161-9379	51.3	51.3	ug/Kg	U
621-64-7	Di-n-propylnitrosamine	C2161-9379	33.9	33.9	ug/Kg	U
86-30-6	Diphenylnitrosamine	C2161-9379	61.2	61.2	ug/Kg	U
91-20-3	Naphthalene	C2161-9379	45.2	45.2	ug/Kg	U
98-95-3	Nitrobenzene	C2161-9379	43.5	43.5	ug/Kg	U
85-01-8	Phenanthrene	C2161-9379	51.1	51.1	ug/Kg	U
129-00-0	Pyrene	C2161-9379	41.6	**61.0**	ug/Kg	J
110-86-1	Pyridine	C2161-9379	64.4	64.4	ug/Kg	U

* Results are reported on a dry weight basis

Surrogate Results

Cas No	Analyte	File ID	% Recovery	QC Limits	Q
118-76-6	2,4,6-TRIBROMOPHENOL	C2161-9379	95.2 %	(19 - 122)	
321-60-8	2-FLUOROBIPHENYL	C2161-9379	67.4 %	(30 - 115)	
367-12-4	2-FLUOROPHENOL	C2161-9379	63.5 %	(25 - 121)	
4165-60-0	NITROBENZENE-D5	C2161-9379	64.8 %	(23 - 120)	
13127-88-3	PHENOL-D6	C2161-9379	63.9 %	(24 - 113)	
1718-51-0	TERPHENYL-D14	C2161-9379	85.3 %	(18 - 137)	

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02/04/2009

Semivolatile Base Neutral Compounds - EPA 8270C

Sample: 0901338-10
Client Sample ID: GP-01 (GW)
Matrix: Liquid
Remarks:
Analyzed Date: 01/29/2009
Preparation Date(s) : 02/02/2009

Type: Grab

Collected: 01/23/2009 11:20

Analytical Results

Cas No	Analyte	File ID	MDL	Concentration	Units	Q
120-82-1	1,2,4-Trichlorobenzene	C2163-9422	4.60	4.60	ug/L	U
95-50-1	1,2-Dichlorobenzene	C2163-9422	3.55	3.55	ug/L	U
541-73-1	1,3-Dichlorobenzene	C2163-9422	4.10	4.10	ug/L	U
106-46-7	1,4-Dichlorobenzene	C2163-9422	3.70	3.70	ug/L	U
121-14-2	2,4-Dinitrotoluene	C2163-9422	3.10	3.10	ug/L	U
606-20-2	2,6-Dinitrotoluene	C2163-9422	4.90	4.90	ug/L	U
91-58-7	2-Chloronaphthalene	C2163-9422	4.60	4.60	ug/L	U
91-57-6	2-Methylnaphthalene	C2163-9422	4.10	4.10	ug/L	U
88-74-4	2-Nitroaniline	C2163-9422	3.85	3.85	ug/L	U
91-94-1	3,3'-Dichlorobenzidine	C2163-9422	3.40	3.40	ug/L	U
99-09-2	3-Nitroaniline	C2163-9422	3.00	3.00	ug/L	U
101-55-3	4-Bromophenylphenyl ether	C2163-9422	4.25	4.25	ug/L	U
106-47-8	4-Chloroaniline	C2163-9422	2.35	2.35	ug/L	U
7005-72-3	4-Chlorophenylphenyl ether	C2163-9422	4.60	4.60	ug/L	U
100-01-6	4-Nitroaniline	C2163-9422	5.35	5.35	ug/L	U
83-32-9	Acenaphthene	C2163-9422	5.10	5.10	ug/L	U
208-96-8	Acenaphthylene	C2163-9422	4.65	4.65	ug/L	U
120-12-7	Anthracene	C2163-9422	4.20	4.20	ug/L	U
56-55-3	Benzo[a]anthracene	C2163-9422	5.15	5.15	ug/L	U
50-32-8	Benzo[a]pyrene	C2163-9422	4.55	4.55	ug/L	U
205-99-2	3,4-Benzofluoranthene	C2163-9422	4.60	4.60	ug/L	U
191-24-2	Benzo[g,h,i]perylene	C2163-9422	5.25	5.25	ug/L	U
207-08-9	Benzo[k]fluoranthene	C2163-9422	5.20	5.20	ug/L	U
65-85-0	Benzoic acid	C2163-9422	51.5	51.5	ug/L	U
100-51-6	Benzyl alcohol	C2163-9422	2.40	2.40	ug/L	U
111-91-1	bis(2-chloroethoxy)methane	C2163-9422	4.75	4.75	ug/L	U
111-44-4	bis(2-chloroethyl)ether	C2163-9422	2.85	2.85	ug/L	U
108-60-1	bis(2-chloroisopropyl)ether	C2163-9422	3.85	3.85	ug/L	U
117-81-7	bis(2-Ethylhexyl)phthalate	C2163-9422	7.20	7.20	ug/L	U
85-68-7	Butyl benzyl phthalate	C2163-9422	6.65	6.65	ug/L	U
86-74-8	Carbazole	C2163-9422	5.40	5.40	ug/L	U
218-01-9	Chrysene	C2163-9422	4.75	4.75	ug/L	U

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02/04/2009

Semivolatile Base Neutral Compounds - EPA 8270C

Sample: 0901338-10
Client Sample ID: GP-01 (GW) Collected: 01/23/2009 11:20
Matrix: Liquid Type: Grab
Remarks:
Analyzed Date: 01/29/2009
Preparation Date(s) : 02/02/2009

Analytical Results

Cas No	Analyte	File ID	MDL	Concentration	Units	Q
84-74-2	Di-n-butyl phthalate	C2163-9422	4.85	4.85	ug/L	U
117-84-0	Di-n-octyl phthalate	C2163-9422	5.55	5.55	ug/L	U
53-70-3	Dibenzo[a,h]anthracene	C2163-9422	4.35	4.35	ug/L	U
132-64-9	Dibenzofuran	C2163-9422	4.00	4.00	ug/L	U
84-66-2	Diethyl phthalate	C2163-9422	5.35	**11.9**	ug/L	J
131-11-3	Dimethyl phthalate	C2163-9422	5.10	5.10	ug/L	U
206-44-0	Fluoranthene	C2163-9422	4.30	4.30	ug/L	U
86-73-7	Fluorene	C2163-9422	4.55	4.55	ug/L	U
118-74-1	Hexachlorobenzene	C2163-9422	3.65	3.65	ug/L	U
87-68-3	Hexachlorobutadiene	C2163-9422	5.25	5.25	ug/L	U
77-47-4	Hexachlorocyclopentadiene	C2163-9422	1.90	1.90	ug/L	U
67-72-1	Hexachloroethane	C2163-9422	4.95	4.95	ug/L	U
193-39-5	Indeno[1,2,3-cd]pyrene	C2163-9422	4.75	4.75	ug/L	U
78-59-1	Isophorone	C2163-9422	3.50	3.50	ug/L	U
621-64-7	Di-n-propylnitrosamine	C2163-9422	3.70	3.70	ug/L	U
86-30-6	Diphenylnitrosamine	C2163-9422	5.50	5.50	ug/L	U
91-20-3	Naphthalene	C2163-9422	4.35	4.35	ug/L	U
98-95-3	Nitrobenzene	C2163-9422	4.55	4.55	ug/L	U
85-01-8	Phenanthrene	C2163-9422	4.50	4.50	ug/L	U
129-00-0	Pyrene	C2163-9422	5.05	5.05	ug/L	U
110-86-1	Pyridine	C2163-9422	1.85	1.85	ug/L	U

Surrogate Results

Cas No	Analyte	File ID	% Recovery	QC Limits	Q
321-60-8	2-FLUOROBIPHENYL	C2163-9422	84.2 %	(43 - 116)	
4165-60-0	NITROBENZENE-D5	C2163-9422	8.8 %	(35 - 114)	D
1718-51-0	TERPHENYL-D14	C2163-9422	79.4 %	(33 - 141)	

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02/04/2009

Semivolatile Base Neutral Compounds - EPA 8270C

Sample: 0901338-11

Client Sample ID: GP-02 (GW)
Collected: 01/23/2009 12:36
Matrix: Liquid
Type: Grab
Remarks: See Case Narrative
Analyzed Date: 01/29/2009
Preparation Date(s) : 01/28/2009

Analytical Results

Cas No	Analyte	File ID	MDL	Concentration	Units	Q
120-82-1	1,2,4-Trichlorobenzene	C2163-9423	4.60	4.60	ug/L	U
95-50-1	1,2-Dichlorobenzene	C2163-9423	3.55	3.55	ug/L	U
541-73-1	1,3-Dichlorobenzene	C2163-9423	4.10	4.10	ug/L	U
106-46-7	1,4-Dichlorobenzene	C2163-9423	3.70	3.70	ug/L	U
121-14-2	2,4-Dinitrotoluene	C2163-9423	3.10	3.10	ug/L	U
606-20-2	2,6-Dinitrotoluene	C2163-9423	4.90	4.90	ug/L	U
91-58-7	2-Chloronaphthalene	C2163-9423	4.60	4.60	ug/L	U
91-57-6	2-Methylnaphthalene	C2164-9435	8.20	**436**	ug/L	
88-74-4	2-Nitroaniline	C2163-9423	3.85	3.85	ug/L	U
91-94-1	3,3'-Dichlorobenzidine	C2163-9423	3.40	3.40	ug/L	U
99-09-2	3-Nitroaniline	C2163-9423	3.00	3.00	ug/L	U
101-55-3	4-Bromophenylphenyl ether	C2163-9423	4.25	4.25	ug/L	U
106-47-8	4-Chloroaniline	C2163-9423	2.35	2.35	ug/L	U
7005-72-3	4-Chlorophenylphenyl ether	C2163-9423	4.60	4.60	ug/L	U
100-01-6	4-Nitroaniline	C2163-9423	5.35	5.35	ug/L	U
83-32-9	Acenaphthene	C2163-9423	5.10	**22.1**	ug/L	J
208-96-8	Acenaphthylene	C2163-9423	4.65	4.65	ug/L	U
120-12-7	Anthracene	C2163-9423	4.20	**24.5**	ug/L	J
56-55-3	Benzo[a]anthracene	C2163-9423	5.15	**22.2**	ug/L	J
50-32-8	Benzo[a]pyrene	C2163-9423	4.55	**14.2**	ug/L	J
205-99-2	3,4-Benzofluoranthene	C2163-9423	4.60	**12.6**	ug/L	J
191-24-2	Benzo[g,h,i]perylene	C2163-9423	5.25	**6.63**	ug/L	J
207-08-9	Benzo[k]fluoranthene	C2163-9423	5.20	**13.1**	ug/L	J
65-85-0	Benzoic acid	C2163-9423	51.5	51.5	ug/L	U
100-51-6	Benzyl alcohol	C2163-9423	2.40	2.40	ug/L	U
111-91-1	bis(2-chloroethoxy)methane	C2163-9423	4.75	4.75	ug/L	U
111-44-4	bis(2-chloroethyl)ether	C2163-9423	2.85	2.85	ug/L	U
108-60-1	bis(2-chloroisopropyl)ether	C2163-9423	3.85	3.85	ug/L	U
117-81-7	bis(2-Ethylhexyl)phthalate	C2163-9423	7.20	**8.39**	ug/L	BJ
85-68-7	Butyl benzyl phthalate	C2163-9423	6.65	6.65	ug/L	U
86-74-8	Carbazole	C2163-9423	5.40	5.40	ug/L	U
218-01-9	Chrysene	C2163-9423	4.75	**22.4**	ug/L	J

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02/04/2009

Semivolatile Base Neutral Compounds - EPA 8270C

Sample: 0901338-11

Client Sample ID: GP-02 (GW)
Collected: 01/23/2009 12:36
Matrix: Liquid
Type: Grab
Remarks: See Case Narrative
Analyzed Date: 01/29/2009
Preparation Date(s) : 01/28/2009

Analytical Results

Cas No	Analyte	File ID	MDL	Concentration	Units	Q
84-74-2	Di-n-butyl phthalate	C2163-9423	4.85	4.85	ug/L	U
117-84-0	Di-n-octyl phthalate	C2163-9423	5.55	5.55	ug/L	U
53-70-3	Dibenzo[a,h]anthracene	C2163-9423	4.35	4.35	ug/L	U
132-64-9	Dibenzofuran	C2163-9423	4.00	**22.9**	ug/L	J
84-66-2	Diethyl phthalate	C2163-9423	5.35	**6.03**	ug/L	BJ
131-11-3	Dimethyl phthalate	C2163-9423	5.10	5.10	ug/L	U
206-44-0	Fluoranthene	C2163-9423	4.30	**67.2**	ug/L	
86-73-7	Fluorene	C2163-9423	4.55	**46.0**	ug/L	
118-74-1	Hexachlorobenzene	C2163-9423	3.65	3.65	ug/L	U
87-68-3	Hexachlorobutadiene	C2163-9423	5.25	5.25	ug/L	U
77-47-4	Hexachlorocyclopentadiene	C2163-9423	1.90	1.90	ug/L	U
67-72-1	Hexachloroethane	C2163-9423	4.95	4.95	ug/L	U
193-39-5	Indeno[1,2,3-cd]pyrene	C2163-9423	4.75	**6.56**	ug/L	J
78-59-1	Isophorone	C2163-9423	3.50	3.50	ug/L	U
621-64-7	Di-n-propylnitrosamine	C2163-9423	3.70	3.70	ug/L	U
86-30-6	Diphenylnitrosamine	C2163-9423	5.50	5.50	ug/L	U
91-20-3	Naphthalene	C2163-9423	4.35	4.35	ug/L	U
98-95-3	Nitrobenzene	C2163-9423	4.55	4.55	ug/L	U
85-01-8	Phenanthrene	C2163-9423	4.50	**57.2**	ug/L	
129-00-0	Pyrene	C2163-9423	5.05	**71.5**	ug/L	
110-86-1	Pyridine	C2163-9423	1.85	1.85	ug/L	U

Surrogate Results

Cas No	Analyte	File ID	% Recovery	QC Limits	Q
321-60-8	2-FLUOROBIPHENYL	C2163-9423	79.7 %	(43 - 116)	
4165-60-0	NITROBENZENE-D5	C2163-9423	120.0 %	(35 - 114)	D
1718-51-0	TERPHENYL-D14	C2163-9423	63.2 %	(33 - 141)	

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02/04/2009

Semivolatile Base Neutral Compounds - EPA 8270C

Sample: 0901338-12

Client Sample ID: GP-03 (GW)
Collected: 01/23/2009 15:01
Matrix: Liquid
Type: Grab
Remarks: See Case Narrative
Analyzed Date: 01/29/2009
Preparation Date(s) : 01/28/2009

Analytical Results

Cas No	Analyte	File ID	MDL	Concentration	Units	Q
120-82-1	1,2,4-Trichlorobenzene	C2163-9424	4.60	4.60	ug/L	U
95-50-1	1,2-Dichlorobenzene	C2163-9424	3.55	3.55	ug/L	U
541-73-1	1,3-Dichlorobenzene	C2163-9424	4.10	4.10	ug/L	U
106-46-7	1,4-Dichlorobenzene	C2163-9424	3.70	3.70	ug/L	U
121-14-2	2,4-Dinitrotoluene	C2163-9424	3.10	3.10	ug/L	U
606-20-2	2,6-Dinitrotoluene	C2163-9424	4.90	4.90	ug/L	U
91-58-7	2-Chloronaphthalene	C2163-9424	4.60	4.60	ug/L	U
91-57-6	2-Methylnaphthalene	C2163-9424	4.10	4.10	ug/L	U
88-74-4	2-Nitroaniline	C2163-9424	3.85	3.85	ug/L	U
91-94-1	3,3'-Dichlorobenzidine	C2163-9424	3.40	3.40	ug/L	U
99-09-2	3-Nitroaniline	C2163-9424	3.00	3.00	ug/L	U
101-55-3	4-Bromophenylphenyl ether	C2163-9424	4.25	4.25	ug/L	U
106-47-8	4-Chloroaniline	C2163-9424	2.35	2.35	ug/L	U
7005-72-3	4-Chlorophenylphenyl ether	C2163-9424	4.60	4.60	ug/L	U
100-01-6	4-Nitroaniline	C2163-9424	5.35	5.35	ug/L	U
83-32-9	Acenaphthene	C2163-9424	5.10	5.10	ug/L	U
208-96-8	Acenaphthylene	C2163-9424	4.65	4.65	ug/L	U
120-12-7	Anthracene	C2163-9424	4.20	4.20	ug/L	U
56-55-3	Benzo[a]anthracene	C2163-9424	5.15	5.15	ug/L	U
50-32-8	Benzo[a]pyrene	C2163-9424	4.55	4.55	ug/L	U
205-99-2	3,4-Benzofluoranthene	C2163-9424	4.60	4.60	ug/L	U
191-24-2	Benzo[g,h,i]perylene	C2163-9424	5.25	5.25	ug/L	U
207-08-9	Benzo[k]fluoranthene	C2163-9424	5.20	5.20	ug/L	U
65-85-0	Benzoic acid	C2163-9424	51.5	51.5	ug/L	U
100-51-6	Benzyl alcohol	C2163-9424	2.40	2.40	ug/L	U
111-91-1	bis(2-chloroethoxy)methane	C2163-9424	4.75	4.75	ug/L	U
111-44-4	bis(2-chloroethyl)ether	C2163-9424	2.85	2.85	ug/L	U
108-60-1	bis(2-chloroisopropyl)ether	C2163-9424	3.85	3.85	ug/L	U
117-81-7	bis(2-Ethylhexyl)phthalate	C2163-9424	7.20	**8.75**	ug/L	BJ
85-68-7	Butyl benzyl phthalate	C2163-9424	6.65	6.65	ug/L	U
86-74-8	Carbazole	C2163-9424	5.40	5.40	ug/L	U
218-01-9	Chrysene	C2163-9424	4.75	4.75	ug/L	U

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02/04/2009

Semivolatile Base Neutral Compounds - EPA 8270C

Sample: 0901338-12

Client Sample ID: GP-03 (GW) Collected: 01/23/2009 15:01
Matrix: Liquid Type: Grab
Remarks: See Case Narrative
Analyzed Date: 01/29/2009
Preparation Date(s) : 01/28/2009

Analytical Results

Cas No	Analyte	File ID	MDL	Concentration	Units	Q
84-74-2	Di-n-butyl phthalate	C2163-9424	4.85	**6.14**	ug/L	BJ
117-84-0	Di-n-octyl phthalate	C2163-9424	5.55	5.55	ug/L	U
53-70-3	Dibenzo[a,h]anthracene	C2163-9424	4.35	4.35	ug/L	U
132-64-9	Dibenzofuran	C2163-9424	4.00	4.00	ug/L	U
84-66-2	Diethyl phthalate	C2163-9424	5.35	**9.78**	ug/L	J
131-11-3	Dimethyl phthalate	C2163-9424	5.10	5.10	ug/L	U
206-44-0	Fluoranthene	C2163-9424	4.30	4.30	ug/L	U
86-73-7	Fluorene	C2163-9424	4.55	4.55	ug/L	U
118-74-1	Hexachlorobenzene	C2163-9424	3.65	3.65	ug/L	U
87-68-3	Hexachlorobutadiene	C2163-9424	5.25	5.25	ug/L	U
77-47-4	Hexachlorocyclopentadiene	C2163-9424	1.90	1.90	ug/L	U
67-72-1	Hexachloroethane	C2163-9424	4.95	4.95	ug/L	U
193-39-5	Indeno[1,2,3-cd]pyrene	C2163-9424	4.75	4.75	ug/L	U
78-59-1	Isophorone	C2163-9424	3.50	3.50	ug/L	U
621-64-7	Di-n-propylnitrosamine	C2163-9424	3.70	3.70	ug/L	U
86-30-6	Diphenylnitrosamine	C2163-9424	5.50	5.50	ug/L	U
91-20-3	Naphthalene	C2163-9424	4.35	4.35	ug/L	U
98-95-3	Nitrobenzene	C2163-9424	4.55	4.55	ug/L	U
85-01-8	Phenanthrene	C2163-9424	4.50	4.50	ug/L	U
129-00-0	Pyrene	C2163-9424	5.05	5.05	ug/L	U
110-86-1	Pyridine	C2163-9424	1.85	1.85	ug/L	U

Surrogate Results

Cas No	Analyte	File ID	% Recovery	QC Limits	Q
321-60-8	2-FLUOROBIPHENYL	C2163-9424	67.9 %	(43 - 116)	
4165-60-0	NITROBENZENE-D5	C2163-9424	67.5 %	(35 - 114)	
1718-51-0	TERPHENYL-D14	C2163-9424	80.5 %	(33 - 141)	

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02/04/2009

Semivolatile Base Neutral Compounds - EPA 8270C

Sample: 0901338-13

Client Sample ID: GP-07 (GW)
Collected: 01/23/2009 15:21
Matrix: Liquid
Type: Grab
Remarks: See Case Narrative
Analyzed Date: 01/29/2009
Preparation Date(s) : 01/28/2009

Analytical Results

Cas No	Analyte	File ID	MDL	Concentration	Units	Q
120-82-1	1,2,4-Trichlorobenzene	C2163-9425	4.60	4.60	ug/L	U
95-50-1	1,2-Dichlorobenzene	C2163-9425	3.55	3.55	ug/L	U
541-73-1	1,3-Dichlorobenzene	C2163-9425	4.10	4.10	ug/L	U
106-46-7	1,4-Dichlorobenzene	C2163-9425	3.70	3.70	ug/L	U
121-14-2	2,4-Dinitrotoluene	C2163-9425	3.10	3.10	ug/L	U
606-20-2	2,6-Dinitrotoluene	C2163-9425	4.90	4.90	ug/L	U
91-58-7	2-Chloronaphthalene	C2163-9425	4.60	4.60	ug/L	U
91-57-6	2-Methylnaphthalene	C2163-9425	4.10	4.10	ug/L	U
88-74-4	2-Nitroaniline	C2163-9425	3.85	3.85	ug/L	U
91-94-1	3,3'-Dichlorobenzidine	C2163-9425	3.40	3.40	ug/L	U
99-09-2	3-Nitroaniline	C2163-9425	3.00	3.00	ug/L	U
101-55-3	4-Bromophenylphenyl ether	C2163-9425	4.25	4.25	ug/L	U
106-47-8	4-Chloroaniline	C2163-9425	2.35	2.35	ug/L	U
7005-72-3	4-Chlorophenylphenyl ether	C2163-9425	4.60	4.60	ug/L	U
100-01-6	4-Nitroaniline	C2163-9425	5.35	5.35	ug/L	U
83-32-9	Acenaphthene	C2163-9425	5.10	5.10	ug/L	U
208-96-8	Acenaphthylene	C2163-9425	4.65	4.65	ug/L	U
120-12-7	Anthracene	C2163-9425	4.20	4.20	ug/L	U
56-55-3	Benzo[a]anthracene	C2163-9425	5.15	5.15	ug/L	U
50-32-8	Benzo[a]pyrene	C2163-9425	4.55	4.55	ug/L	U
205-99-2	3,4-Benzofluoranthene	C2163-9425	4.60	4.60	ug/L	U
191-24-2	Benzo[g,h,i]perylene	C2163-9425	5.25	5.25	ug/L	U
207-08-9	Benzo[k]fluoranthene	C2163-9425	5.20	5.20	ug/L	U
65-85-0	Benzoic acid	C2163-9425	51.5	51.5	ug/L	U
100-51-6	Benzyl alcohol	C2163-9425	2.40	2.40	ug/L	U
111-91-1	bis(2-chloroethoxy)methane	C2163-9425	4.75	4.75	ug/L	U
111-44-4	bis(2-chloroethyl)ether	C2163-9425	2.85	2.85	ug/L	U
108-60-1	bis(2-chloroisopropyl)ether	C2163-9425	3.85	3.85	ug/L	U
117-81-7	bis(2-Ethylhexyl)phthalate	C2163-9425	7.20	**10.1**	ug/L	BJ
85-68-7	Butyl benzyl phthalate	C2163-9425	6.65	6.65	ug/L	U
86-74-8	Carbazole	C2163-9425	5.40	5.40	ug/L	U
218-01-9	Chrysene	C2163-9425	4.75	4.75	ug/L	U

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02/04/2009

Semivolatile Base Neutral Compounds - EPA 8270C

Sample: 0901338-13

Client Sample ID: GP-07 (GW) Collected: 01/23/2009 15:21
Matrix: Liquid Type: Grab
Remarks: See Case Narrative
Analyzed Date: 01/29/2009
Preparation Date(s) : 01/28/2009

Analytical Results

Cas No	Analyte	File ID	MDL	Concentration	Units	Q
84-74-2	Di-n-butyl phthalate	C2163-9425	4.85	**6.66**	ug/L	BJ
117-84-0	Di-n-octyl phthalate	C2163-9425	5.55	5.55	ug/L	U
53-70-3	Dibenzo[a,h]anthracene	C2163-9425	4.35	4.35	ug/L	U
132-64-9	Dibenzofuran	C2163-9425	4.00	4.00	ug/L	U
84-66-2	Diethyl phthalate	C2163-9425	5.35	**6.27**	ug/L	J
131-11-3	Dimethyl phthalate	C2163-9425	5.10	5.10	ug/L	U
206-44-0	Fluoranthene	C2163-9425	4.30	4.30	ug/L	U
86-73-7	Fluorene	C2163-9425	4.55	4.55	ug/L	U
118-74-1	Hexachlorobenzene	C2163-9425	3.65	3.65	ug/L	U
87-68-3	Hexachlorobutadiene	C2163-9425	5.25	5.25	ug/L	U
77-47-4	Hexachlorocyclopentadiene	C2163-9425	1.90	1.90	ug/L	U
67-72-1	Hexachloroethane	C2163-9425	4.95	4.95	ug/L	U
193-39-5	Indeno[1,2,3-cd]pyrene	C2163-9425	4.75	4.75	ug/L	U
78-59-1	Isophorone	C2163-9425	3.50	3.50	ug/L	U
621-64-7	Di-n-propylnitrosamine	C2163-9425	3.70	3.70	ug/L	U
86-30-6	Diphenylnitrosamine	C2163-9425	5.50	5.50	ug/L	U
91-20-3	Naphthalene	C2163-9425	4.35	4.35	ug/L	U
98-95-3	Nitrobenzene	C2163-9425	4.55	4.55	ug/L	U
85-01-8	Phenanthrene	C2163-9425	4.50	4.50	ug/L	U
129-00-0	Pyrene	C2163-9425	5.05	5.05	ug/L	U
110-86-1	Pyridine	C2163-9425	1.85	1.85	ug/L	U

Surrogate Results

Cas No	Analyte	File ID	% Recovery	QC Limits	Q
321-60-8	2-FLUOROBIPHENYL	C2163-9425	82.8 %	(43 - 116)	
4165-60-0	NITROBENZENE-D5	C2163-9425	83.6 %	(35 - 114)	
1718-51-0	TERPHENYL-D14	C2163-9425	74.6 %	(33 - 141)	

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02/04/2009

STARS Semivolatiles by SW846 8270C

Sample: 0901338-4

Client Sample ID: GP-04 (6-8')
Matrix: Soil
Type: Grab
Remarks:
Analyzed Date: 01/27/2009
Preparation Date(s) : 01/27/2009

Collected: 01/23/2009 13:45
% Solid: 79.6%

Analytical Results

Cas No	Analyte	File ID	MDL	Concentration*	Units	Q
83-32-9	Acenaphthene	C2161-9382	52.9	**182**	ug/Kg	J
208-96-8	Acenaphthylene	C2161-9382	43.2	**363**	ug/Kg	J
120-12-7	Anthracene	C2161-9382	55.9	**1130**	ug/Kg	
56-55-3	Benzo[a]anthracene	C2161-9382	53.1	**4490**	ug/Kg	
50-32-8	Benzo[a]pyrene	C2161-9382	65.5	**4550**	ug/Kg	
205-99-2	3,4-Benzofluoranthene	C2161-9382	52.1	**4110**	ug/Kg	
191-24-2	Benzo[g,h,i]perylene	C2161-9382	96.0	**2500**	ug/Kg	
207-08-9	Benzo[k]fluoranthene	C2161-9382	95.6	**3880**	ug/Kg	
218-01-9	Chrysene	C2161-9382	66.5	**4970**	ug/Kg	
53-70-3	Dibenzo[a,h]anthracene	C2161-9382	70.1	**723**	ug/Kg	
206-44-0	Fluoranthene	C2161-9384	138	**11400**	ug/Kg	
86-73-7	Fluorene	C2161-9382	50.5	**271**	ug/Kg	J
193-39-5	Indeno[1,2,3-cd]pyrene	C2161-9382	58.0	**2380**	ug/Kg	
91-20-3	Naphthalene	C2161-9382	50.5	**127**	ug/Kg	J
85-01-8	Phenanthrene	C2161-9382	57.2	**6190**	ug/Kg	
129-00-0	Pyrene	C2161-9384	93.0	**10600**	ug/Kg	

* Results are reported on a dry weight basis

Surrogate Results

Cas No	Analyte	File ID	% Recovery	QC Limits	Q
321-60-8	2-FLUOROBIPHENYL	C2161-9382	71.2 %	(30 - 115)	
4165-60-0	NITROBENZENE-D5	C2161-9382	69.7 %	(23 - 120)	
1718-51-0	TERPHENYL-D14	C2161-9382	78.1 %	(18 - 137)	

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02/04/2009

STARS Semivolatiles by SW846 8270C

Sample: 0901338-5

Client Sample ID: GP-05 (4-8')
Matrix: Soil
Type: Grab
Remarks:
Analyzed Date: 01/27/2009
Preparation Date(s) : 01/27/2009

Collected: 01/23/2009 13:57
% Solid: 84.3%

Analytical Results

Cas No	Analyte	File ID	MDL	Concentration*	Units	Q
83-32-9	Acenaphthene	C2161-9383	49.9	49.9	ug/Kg	U
208-96-8	Acenaphthylene	C2161-9383	40.8	40.8	ug/Kg	U
120-12-7	Anthracene	C2161-9383	52.8	52.8	ug/Kg	U
56-55-3	Benzo[a]anthracene	C2161-9383	50.2	**79.1**	ug/Kg	J
50-32-8	Benzo[a]pyrene	C2161-9383	61.8	**77.2**	ug/Kg	J
205-99-2	3,4-Benzofluoranthene	C2161-9383	49.2	**71.7**	ug/Kg	J
191-24-2	Benzo[g,h,i]perylene	C2161-9383	90.6	**131**	ug/Kg	J
207-08-9	Benzo[k]fluoranthene	C2161-9383	90.3	90.3	ug/Kg	U
218-01-9	Chrysene	C2161-9383	62.8	**83.8**	ug/Kg	J
53-70-3	Dibenzo[a,h]anthracene	C2161-9383	66.2	66.2	ug/Kg	U
206-44-0	Fluoranthene	C2161-9383	65.4	**173**	ug/Kg	J
86-73-7	Fluorene	C2161-9383	47.7	47.7	ug/Kg	U
193-39-5	Indeno[1,2,3-cd]pyrene	C2161-9383	54.8	**66.0**	ug/Kg	J
91-20-3	Naphthalene	C2161-9383	47.7	47.7	ug/Kg	U
85-01-8	Phenanthrene	C2161-9383	54.0	**122**	ug/Kg	J
129-00-0	Pyrene	C2161-9383	43.9	**149**	ug/Kg	J

* Results are reported on a dry weight basis

Surrogate Results

Cas No	Analyte	File ID	% Recovery	QC Limits	Q
321-60-8	2-FLUOROBIPHENYL	C2161-9383	76.6 %	(30 - 115)	
4165-60-0	NITROBENZENE-D5	C2161-9383	70.4 %	(23 - 120)	
1718-51-0	TERPHENYL-D14	C2161-9383	82.5 %	(18 - 137)	

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02/04/2009

STARS Semivolatiles by SW846 8270C

Sample: 0901338-6

Client Sample ID: GP-06 (6-8')
Matrix: Soil
Type: Grab
Remarks:
Analyzed Date: 01/27/2009
Preparation Date(s) : 01/27/2009

Collected: 01/23/2009 14:14
% Solid: 90.1%

Analytical Results

Cas No	Analyte	File ID	MDL	Concentration*	Units	Q
83-32-9	Acenaphthene	C2161-9380	46.7	46.7	ug/Kg	U
208-96-8	Acenaphthylene	C2161-9380	38.2	38.2	ug/Kg	U
120-12-7	Anthracene	C2161-9380	49.4	**62.9**	ug/Kg	J
56-55-3	Benzo[a]anthracene	C2161-9380	46.9	**129**	ug/Kg	J
50-32-8	Benzo[a]pyrene	C2161-9380	57.8	**105**	ug/Kg	J
205-99-2	3,4-Benzofluoranthene	C2161-9380	46.1	**86.1**	ug/Kg	J
191-24-2	Benzo[g,h,i]perylene	C2161-9380	84.8	84.8	ug/Kg	U
207-08-9	Benzo[k]fluoranthene	C2161-9380	84.5	**91.2**	ug/Kg	J
218-01-9	Chrysene	C2161-9380	58.7	**126**	ug/Kg	J
53-70-3	Dibenzo[a,h]anthracene	C2161-9380	61.9	61.9	ug/Kg	U
206-44-0	Fluoranthene	C2161-9380	61.2	**299**	ug/Kg	J
86-73-7	Fluorene	C2161-9380	44.6	44.6	ug/Kg	U
193-39-5	Indeno[1,2,3-cd]pyrene	C2161-9380	51.3	51.3	ug/Kg	U
91-20-3	Naphthalene	C2161-9380	44.6	44.6	ug/Kg	U
85-01-8	Phenanthrene	C2161-9380	50.5	**257**	ug/Kg	J
129-00-0	Pyrene	C2161-9380	41.1	**261**	ug/Kg	J

* Results are reported on a dry weight basis

Surrogate Results

Cas No	Analyte	File ID	% Recovery	QC Limits	Q
321-60-8	2-FLUOROBIPHENYL	C2161-9380	65.3 %	(30 - 115)	
4165-60-0	NITROBENZENE-D5	C2161-9380	63.1 %	(23 - 120)	
1718-51-0	TERPHENYL-D14	C2161-9380	80.8 %	(18 - 137)	

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02/04/2009

PCB Aroclors by SW846 8082/EPA 608

Sample: 0901338-1

Client Sample ID: GP-01 (8-10')
Matrix: Soil
Type: Grab
Remarks:
Analyzed Date: 01/27/2009
Preparation Date(s) : 01/27/2009

Collected: 01/23/2009 10:20
% Solid: 85.9%

Analytical Results

Cas No	Analyte	File ID	MDL	Concentration*	Units	Q
12674-11-2	Aroclor 1016	G1663-16	14.6	14.6	ug/Kg	U
11104-28-2	Aroclor 1221	G1663-16	14.6	14.6	ug/Kg	U
11141-16-5	Aroclor 1232	G1663-16	14.6	14.6	ug/Kg	U
53469-21-9	Aroclor 1242	G1663-16	14.6	14.6	ug/Kg	U
12672-29-6	Aroclor 1248	G1663-16	14.6	14.6	ug/Kg	U
11097-69-1	Aroclor 1254	G1663-16	14.6	14.6	ug/Kg	U
11096-82-5	Aroclor 1260	G1663-16	14.7	14.7	ug/Kg	U

* Results are reported on a dry weight basis

Surrogate Results

Cas No	Analyte	File ID	% Recovery	QC Limits	Q
2051-24-3	DECACHLOROBIPHENYL	G1663-16	68.3 %	(30 - 150)	
877-09-8	TETRACHLORO M-XYLENE	G1663-16	80.7 %	(30 - 150)	

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02/04/2009

PCB Aroclors by SW846 8082/EPA 608

Sample: 0901338-2

Client Sample ID: GP-02 (4-8')
Matrix: Soil
Type: Grab
Remarks:
Analyzed Date: 01/27/2009
Preparation Date(s) : 01/27/2009

Collected: 01/23/2009 11:55
% Solid: 89.4%

Analytical Results

Cas No	Analyte	File ID	MDL	Concentration*	Units	Q
12674-11-2	Aroclor 1016	G1663-17	14.0	14.0	ug/Kg	U
11104-28-2	Aroclor 1221	G1663-17	14.0	14.0	ug/Kg	U
11141-16-5	Aroclor 1232	G1663-17	14.0	14.0	ug/Kg	U
53469-21-9	Aroclor 1242	G1663-17	14.0	14.0	ug/Kg	U
12672-29-6	Aroclor 1248	G1663-17	14.0	14.0	ug/Kg	U
11097-69-1	Aroclor 1254	G1663-17	14.0	14.0	ug/Kg	U
11096-82-5	Aroclor 1260	G1663-17	14.1	14.1	ug/Kg	U

* Results are reported on a dry weight basis

Surrogate Results

Cas No	Analyte	File ID	% Recovery	QC Limits	Q
2051-24-3	DECACHLOROBIPHENYL	G1663-17	68.6 %	(30 - 150)	
877-09-8	TETRACHLORO M-XYLENE	G1663-17	66.0 %	(30 - 150)	

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02/04/2009

PCB Aroclors by SW846 8082/EPA 608

Sample: 0901338-3

Client Sample ID: GP-03 (4-8')
Matrix: Soil
Type: Grab
Collected: 01/23/2009 13:12
% Solid: 89%
Remarks:
Analyzed Date: 01/27/2009
Preparation Date(s) : 01/27/2009

Analytical Results

Cas No	Analyte	File ID	MDL	Concentration*	Units	Q
12674-11-2	Aroclor 1016	G1663-18	14.0	14.0	ug/Kg	U
11104-28-2	Aroclor 1221	G1663-18	14.0	14.0	ug/Kg	U
11141-16-5	Aroclor 1232	G1663-18	14.0	14.0	ug/Kg	U
53469-21-9	Aroclor 1242	G1663-18	14.0	14.0	ug/Kg	U
12672-29-6	Aroclor 1248	G1663-18	14.0	14.0	ug/Kg	U
11097-69-1	Aroclor 1254	G1663-18	14.0	14.0	ug/Kg	U
11096-82-5	Aroclor 1260	G1663-18	14.2	14.2	ug/Kg	U

* Results are reported on a dry weight basis

Surrogate Results

Cas No	Analyte	File ID	% Recovery	QC Limits	Q
2051-24-3	DECACHLOROBIPHENYL	G1663-18	86.6 %	(30 - 150)	
877-09-8	TETRACHLORO M-XYLENE	G1663-18	84.3 %	(30 - 150)	

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02/04/2009

PCB Aroclors by SW846 8082/EPA 608

Sample: 0901338-10

Client Sample ID: GP-01 (GW) Collected: 01/23/2009 11:20
Matrix: Liquid Type: Grab
Remarks:
Analyzed Date: 01/27/2009
Preparation Date(s) : 01/27/2009

Analytical Results

Cas No	Analyte	File ID	MDL	Concentration	Units	Q
12674-11-2	Aroclor 1016	G1663-23	0.40	0.40	ug/L	U
11104-28-2	Aroclor 1221	G1663-23	0.15	0.15	ug/L	U
11141-16-5	Aroclor 1232	G1663-23	0.55	0.55	ug/L	U
53469-21-9	Aroclor 1242	G1663-23	0.55	0.55	ug/L	U
12672-29-6	Aroclor 1248	G1663-23	0.45	0.45	ug/L	U
11097-69-1	Aroclor 1254	G1663-23	0.20	0.20	ug/L	U
11096-82-5	Aroclor 1260	G1663-23	0.40	0.40	ug/L	U

Surrogate Results

Cas No	Analyte	File ID	% Recovery	QC Limits	Q
2051-24-3	DECACHLOROBIPHENYL	G1663-23	81.2 %	(30 - 150)	
877-09-8	TETRACHLORO M-XYLENE	G1663-23	86.5 %	(30 - 150)	

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02/04/2009

PCB Aroclors by SW846 8082/EPA 608

Sample: 0901338-11

Client Sample ID: GP-02 (GW) Collected: 01/23/2009 12:36
Matrix: Liquid Type: Grab
Remarks:
Analyzed Date: 01/27/2009
Preparation Date(s) : 01/27/2009

Analytical Results

Cas No	Analyte	File ID	MDL	Concentration	Units	Q
12674-11-2	Aroclor 1016	G1663-24	0.40	0.40	ug/L	U
11104-28-2	Aroclor 1221	G1663-24	0.15	0.15	ug/L	U
11141-16-5	Aroclor 1232	G1663-24	0.55	0.55	ug/L	U
53469-21-9	Aroclor 1242	G1663-24	0.55	0.55	ug/L	U
12672-29-6	Aroclor 1248	G1663-24	0.45	0.45	ug/L	U
11097-69-1	Aroclor 1254	G1663-24	0.20	0.20	ug/L	U
11096-82-5	Aroclor 1260	G1663-24	0.40	0.40	ug/L	U

Surrogate Results

Cas No	Analyte	File ID	% Recovery	QC Limits	Q
2051-24-3	DECACHLOROBIPHENYL	G1663-24	89.2 %	(30 - 150)	
877-09-8	TETRACHLORO M-XYLENE	G1663-24	81.7 %	(30 - 150)	

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02/04/2009

PCB Aroclors by SW846 8082/EPA 608

Sample: 0901338-12

Client Sample ID: GP-03 (GW) Collected: 01/23/2009 15:01
Matrix: Liquid Type: Grab
Remarks:
Analyzed Date: 01/27/2009
Preparation Date(s) : 01/27/2009

Analytical Results

Cas No	Analyte	File ID	MDL	Concentration	Units	Q
12674-11-2	Aroclor 1016	G1663-25	0.40	0.40	ug/L	U
11104-28-2	Aroclor 1221	G1663-25	0.15	0.15	ug/L	U
11141-16-5	Aroclor 1232	G1663-25	0.55	0.55	ug/L	U
53469-21-9	Aroclor 1242	G1663-25	0.55	0.55	ug/L	U
12672-29-6	Aroclor 1248	G1663-25	0.45	0.45	ug/L	U
11097-69-1	Aroclor 1254	G1663-25	0.20	0.20	ug/L	U
11096-82-5	Aroclor 1260	G1663-25	0.40	0.40	ug/L	U

Surrogate Results

Cas No	Analyte	File ID	% Recovery	QC Limits	Q
2051-24-3	DECACHLOROBIPHENYL	G1663-25	72.3 %	(30 - 150)	
877-09-8	TETRACHLORO M-XYLENE	G1663-25	76.0 %	(30 - 150)	

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02/04/2009

Pesticide Compounds -EPA 608/SW846 8081A

Sample: 0901338-1

Client Sample ID: GP-01 (8-10')
Matrix: Soil
Type: Grab
Remarks:
Analyzed Date: 01/27/2009
Preparation Date(s) : 01/27/2009

Collected: 01/23/2009 10:20
% Solid: 85.9%

Analytical Results

Cas No	Analyte	File ID	MDL	Concentration*	Units	Q
72-54-8	4,4'-DDD	L1064-17	0.52	0.52	ug/Kg	U
72-55-9	4,4'-DDE	L1064-17	1.25	1.25	ug/Kg	U
50-29-3	4,4'-DDT	L1064-17	0.63	0.63	ug/Kg	U
309-00-2	Aldrin	L1064-17	1.22	1.22	ug/Kg	U
319-84-6	alpha-BHC	L1064-17	0.77	0.77	ug/Kg	U
5103-71-9	alpha-Chlordane	L1064-17	1.04	1.04	ug/Kg	U
319-85-7	beta-BHC	L1064-17	0.63	0.63	ug/Kg	U
57-74-9	Chlordane	L1064-17	8.10	8.10	ug/Kg	U
319-86-8	delta-BHC	L1064-17	1.32	1.32	ug/Kg	U
60-57-1	Dieldrin	L1064-17	1.33	1.33	ug/Kg	U
959-98-8	Endosulfan I (alpha-Endosulfan)	L1064-17	1.19	1.19	ug/Kg	U
33213-65-9	Endosulfan II (beta-Endosulfan)	L1064-17	0.94	0.94	ug/Kg	U
1031-07-8	Endosulfan Sulfate	L1064-17	0.84	0.84	ug/Kg	U
72-20-8	Endrin	L1064-17	1.20	1.20	ug/Kg	U
7421-36-3	Endrin Aldehyde	L1064-17	0.87	0.87	ug/Kg	U
53494-70-5	Endrin ketone	L1064-17	1.11	1.11	ug/Kg	U
58-89-9	gamma-BHC (Lindane)	L1064-17	0.97	0.97	ug/Kg	U
5103-74-2	gamma-chlordane	L1064-17	1.23	1.23	ug/Kg	U
76-44-8	Heptachlor	L1064-17	1.08	1.08	ug/Kg	U
1024-57-3	Heptachlor epoxide	L1064-17	1.15	1.15	ug/Kg	U
72-43-5	Methoxychlor	L1064-17	1.02	1.02	ug/Kg	U
8001-35-2	Toxaphene	L1064-17	42.5	42.5	ug/Kg	U

* Results are reported on a dry weight basis

Surrogate Results

Cas No	Analyte	File ID	% Recovery	QC Limits	Q
2051-24-3	DECACHLOROBIPHENYL	L1064-17	85.6 %	(30 - 150)	
877-09-8	TETRACHLORO M-XYLENE	L1064-17	62.4 %	(30 - 150)	

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02/04/2009

Pesticide Compounds -EPA 608/SW846 8081A

Sample: 0901338-2

Client Sample ID: GP-02 (4-8')
Matrix: Soil
Type: Grab
Remarks:
Analyzed Date: 01/27/2009
Preparation Date(s) : 01/27/2009

Collected: 01/23/2009 11:55
% Solid: 89.4%

Analytical Results

Cas No	Analyte	File ID	MDL	Concentration*	Units	Q
72-54-8	4,4'-DDD	L1064-18	0.50	0.50	ug/Kg	U
72-55-9	4,4'-DDE	L1064-18	1.20	1.20	ug/Kg	U
50-29-3	4,4'-DDT	L1064-18	0.60	0.60	ug/Kg	U
309-00-2	Aldrin	L1064-18	1.17	1.17	ug/Kg	U
319-84-6	alpha-BHC	L1064-18	0.74	0.74	ug/Kg	U
5103-71-9	alpha-Chlordane	L1064-18	1.00	1.00	ug/Kg	U
319-85-7	beta-BHC	L1064-18	0.60	0.60	ug/Kg	U
57-74-9	Chlordane	L1064-18	7.79	7.79	ug/Kg	U
319-86-8	delta-BHC	L1064-18	1.26	1.26	ug/Kg	U
60-57-1	Dieldrin	L1064-18	1.28	1.28	ug/Kg	U
959-98-8	Endosulfan I (alpha-Endosulfan)	L1064-18	1.14	1.14	ug/Kg	U
33213-65-9	Endosulfan II (beta-Endosulfan)	L1064-18	0.91	0.91	ug/Kg	U
1031-07-8	Endosulfan Sulfate	L1064-18	0.81	0.81	ug/Kg	U
72-20-8	Endrin	L1064-18	1.15	1.15	ug/Kg	U
7421-36-3	Endrin Aldehyde	L1064-18	0.84	0.84	ug/Kg	U
53494-70-5	Endrin ketone	L1064-18	1.06	1.06	ug/Kg	U
58-89-9	gamma-BHC (Lindane)	L1064-18	0.93	0.93	ug/Kg	U
5103-74-2	gamma-chlordane	L1064-18	1.19	1.19	ug/Kg	U
76-44-8	Heptachlor	L1064-18	1.04	1.04	ug/Kg	U
1024-57-3	Heptachlor epoxide	L1064-18	1.11	1.11	ug/Kg	U
72-43-5	Methoxychlor	L1064-18	0.98	0.98	ug/Kg	U
8001-35-2	Toxaphene	L1064-18	40.8	40.8	ug/Kg	U

* Results are reported on a dry weight basis

Surrogate Results

Cas No	Analyte	File ID	% Recovery	QC Limits	Q
2051-24-3	DECACHLOROBIPHENYL	L1064-18	76.1 %	(30 - 150)	
877-09-8	TETRACHLORO M-XYLENE	L1064-18	34.9 %	(30 - 150)	

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02/04/2009

Pesticide Compounds -EPA 608/SW846 8081A

Sample: 0901338-3

Client Sample ID: GP-03 (4-8')
Matrix: Soil
Type: Grab
Collected: 01/23/2009 13:12
% Solid: 89%
Remarks:
Analyzed Date: 01/27/2009
Preparation Date(s) : 01/27/2009

Analytical Results

Cas No	Analyte	File ID	MDL	Concentration*	Units	Q
72-54-8	4,4'-DDD	L1064-19	0.51	0.51	ug/Kg	U
72-55-9	4,4'-DDE	L1064-19	1.20	1.20	ug/Kg	U
50-29-3	4,4'-DDT	L1064-19	0.61	0.61	ug/Kg	U
309-00-2	Aldrin	L1064-19	1.18	1.18	ug/Kg	U
319-84-6	alpha-BHC	L1064-19	0.74	0.74	ug/Kg	U
5103-71-9	alpha-Chlordane	L1064-19	1.00	1.00	ug/Kg	U
319-85-7	beta-BHC	L1064-19	0.61	0.61	ug/Kg	U
57-74-9	Chlordane	L1064-19	7.82	7.82	ug/Kg	U
319-86-8	delta-BHC	L1064-19	1.27	1.27	ug/Kg	U
60-57-1	Dieldrin	L1064-19	1.28	1.28	ug/Kg	U
959-98-8	Endosulfan I (alpha-Endosulfan)	L1064-19	1.15	1.15	ug/Kg	U
33213-65-9	Endosulfan II (beta-Endosulfan)	L1064-19	0.91	0.91	ug/Kg	U
1031-07-8	Endosulfan Sulfate	L1064-19	0.81	0.81	ug/Kg	U
72-20-8	Endrin	L1064-19	1.16	1.16	ug/Kg	U
7421-36-3	Endrin Aldehyde	L1064-19	0.84	0.84	ug/Kg	U
53494-70-5	Endrin ketone	L1064-19	1.07	1.07	ug/Kg	U
58-89-9	gamma-BHC (Lindane)	L1064-19	0.93	0.93	ug/Kg	U
5103-74-2	gamma-chlordane	L1064-19	1.19	1.19	ug/Kg	U
76-44-8	Heptachlor	L1064-19	1.04	1.04	ug/Kg	U
1024-57-3	Heptachlor epoxide	L1064-19	1.11	1.11	ug/Kg	U
72-43-5	Methoxychlor	L1064-19	0.99	0.99	ug/Kg	U
8001-35-2	Toxaphene	L1064-19	41.0	41.0	ug/Kg	U

* Results are reported on a dry weight basis

Surrogate Results

Cas No	Analyte	File ID	% Recovery	QC Limits	Q
2051-24-3	DECACHLOROBIPHENYL	L1064-19	76.9 %	(30 - 150)	
877-09-8	TETRACHLORO M-XYLENE	L1064-19	57.9 %	(30 - 150)	

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02/04/2009

Pesticide Compounds -EPA 608/SW846 8081A

Sample: 0901338-10

Client Sample ID: GP-01 (GW) Collected: 01/23/2009 11:20
Matrix: Liquid Type: Grab
Remarks:
Analyzed Date: 01/27/2009
Preparation Date(s) : 01/27/2009

Analytical Results

Cas No	Analyte	File ID	MDL	Concentration	Units	Q
72-54-8	4,4'-DDD	L1064-20	0.0065	0.0065	ug/L	U
72-55-9	4,4'-DDE	L1064-20	0.0075	0.0075	ug/L	U
50-29-3	4,4'-DDT	L1064-20	0.0070	0.0070	ug/L	U
309-00-2	Aldrin	L1064-20	0.0055	0.0055	ug/L	U
319-84-6	alpha-BHC	L1064-20	0.0046	0.0046	ug/L	U
5103-71-9	alpha-Chlordane	L1064-20	0.0060	0.0060	ug/L	U
319-85-7	beta-BHC	L1064-20	0.0075	0.0075	ug/L	U
57-74-9	Chlordane	L1064-20	0.60	0.60	ug/L	U
319-86-8	delta-BHC	L1064-20	0.0065	0.0065	ug/L	U
60-57-1	Dieldrin	L1064-20	0.0055	0.0055	ug/L	U
959-98-8	Endosulfan I (alpha-Endosulfan)	L1064-20	0.0065	0.0065	ug/L	U
33213-65-9	Endosulfan II (beta-Endosulfan)	L1064-20	0.0075	0.0075	ug/L	U
1031-07-8	Endosulfan Sulfate	L1064-20	0.0070	0.0070	ug/L	U
72-20-8	Endrin	L1064-20	0.0070	0.0070	ug/L	U
7421-36-3	Endrin Aldehyde	L1064-20	0.0050	0.0050	ug/L	U
53494-70-5	Endrin ketone	L1064-20	0.0070	0.0070	ug/L	U
58-89-9	gamma-BHC (Lindane)	L1064-20	0.0044	0.0044	ug/L	U
5103-74-2	gamma-chlordane	L1064-20	0.0065	0.0065	ug/L	U
76-44-8	Heptachlor	L1064-20	0.0060	0.0060	ug/L	U
1024-57-3	Heptachlor epoxide	L1064-20	0.0065	0.0065	ug/L	U
72-43-5	Methoxychlor	L1064-20	0.0070	0.0070	ug/L	U
8001-35-2	Toxaphene	L1064-20	1.95	1.95	ug/L	U

Surrogate Results

Cas No	Analyte	File ID	% Recovery	QC Limits	Q
2051-24-3	DECACHLOROBIPHENYL	L1064-20	74.3 %	(30 - 150)	
877-09-8	TETRACHLORO M-XYLENE	L1064-20	69.4 %	(30 - 150)	

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02/04/2009

Pesticide Compounds -EPA 608/SW846 8081A

Sample: 0901338-11

Client Sample ID: GP-02 (GW) Collected: 01/23/2009 12:36
Matrix: Liquid Type: Grab
Remarks:
Analyzed Date: 01/27/2009
Preparation Date(s) : 01/27/2009

Analytical Results

Cas No	Analyte	File ID	MDL	Concentration	Units	Q
72-54-8	4,4'-DDD	L1064-21	0.0065	0.0065	ug/L	U
72-55-9	4,4'-DDE	L1064-21	0.0075	0.0075	ug/L	U
50-29-3	4,4'-DDT	L1064-21	0.0070	0.0070	ug/L	U
309-00-2	Aldrin	L1064-21	0.0055	0.0055	ug/L	U
319-84-6	alpha-BHC	L1064-21	0.0046	0.0046	ug/L	U
5103-71-9	alpha-Chlordane	L1064-21	0.0060	0.0060	ug/L	U
319-85-7	beta-BHC	L1064-21	0.0075	0.0075	ug/L	U
57-74-9	Chlordane	L1064-21	0.60	0.60	ug/L	U
319-86-8	delta-BHC	L1064-21	0.0065	0.0065	ug/L	U
60-57-1	Dieldrin	L1064-21	0.0055	0.0055	ug/L	U
959-98-8	Endosulfan I (alpha-Endosulfan)	L1064-21	0.0065	0.0065	ug/L	U
33213-65-9	Endosulfan II (beta-Endosulfan)	L1064-21	0.0075	0.0075	ug/L	U
1031-07-8	Endosulfan Sulfate	L1064-21	0.0070	0.0070	ug/L	U
72-20-8	Endrin	L1064-21	0.0070	0.0070	ug/L	U
7421-36-3	Endrin Aldehyde	L1064-21	0.0050	0.0050	ug/L	U
53494-70-5	Endrin ketone	L1064-21	0.0070	0.0070	ug/L	U
58-89-9	gamma-BHC (Lindane)	L1064-21	0.0044	0.0044	ug/L	U
5103-74-2	gamma-chlordane	L1064-21	0.0065	0.0065	ug/L	U
76-44-8	Heptachlor	L1064-21	0.0060	0.0060	ug/L	U
1024-57-3	Heptachlor epoxide	L1064-21	0.0065	0.0065	ug/L	U
72-43-5	Methoxychlor	L1064-21	0.0070	0.0070	ug/L	U
8001-35-2	Toxaphene	L1064-21	1.95	1.95	ug/L	U

Surrogate Results

Cas No	Analyte	File ID	% Recovery	QC Limits	Q
2051-24-3	DECACHLOROBIPHENYL	L1064-21	75.4 %	(30 - 150)	
877-09-8	TETRACHLORO M-XYLENE	L1064-21	54.9 %	(30 - 150)	

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02/04/2009

Pesticide Compounds -EPA 608/SW846 8081A

Sample: 0901338-12

Client Sample ID: GP-03 (GW) Collected: 01/23/2009 15:01
Matrix: Liquid Type: Grab
Remarks:
Analyzed Date: 01/27/2009
Preparation Date(s) : 01/27/2009

Analytical Results

Cas No	Analyte	File ID	MDL	Concentration	Units	Q
72-54-8	4,4'-DDD	L1064-22	0.0065	0.0065	ug/L	U
72-55-9	4,4'-DDE	L1064-22	0.0075	0.0075	ug/L	U
50-29-3	4,4'-DDT	L1064-22	0.0070	0.0070	ug/L	U
309-00-2	Aldrin	L1064-22	0.0055	0.0055	ug/L	U
319-84-6	alpha-BHC	L1064-22	0.0046	0.0046	ug/L	U
5103-71-9	alpha-Chlordane	L1064-22	0.0060	0.0060	ug/L	U
319-85-7	beta-BHC	L1064-22	0.0075	0.0075	ug/L	U
57-74-9	Chlordane	L1064-22	0.60	0.60	ug/L	U
319-86-8	delta-BHC	L1064-22	0.0065	0.0065	ug/L	U
60-57-1	Dieldrin	L1064-22	0.0055	0.0055	ug/L	U
959-98-8	Endosulfan I (alpha-Endosulfan)	L1064-22	0.0065	0.0065	ug/L	U
33213-65-9	Endosulfan II (beta-Endosulfan)	L1064-22	0.0075	0.0075	ug/L	U
1031-07-8	Endosulfan Sulfate	L1064-22	0.0070	0.0070	ug/L	U
72-20-8	Endrin	L1064-22	0.0070	0.0070	ug/L	U
7421-36-3	Endrin Aldehyde	L1064-22	0.0050	0.0050	ug/L	U
53494-70-5	Endrin ketone	L1064-22	0.0070	0.0070	ug/L	U
58-89-9	gamma-BHC (Lindane)	L1064-22	0.0044	0.0044	ug/L	U
5103-74-2	gamma-chlordane	L1064-22	0.0065	0.0065	ug/L	U
76-44-8	Heptachlor	L1064-22	0.0060	0.0060	ug/L	U
1024-57-3	Heptachlor epoxide	L1064-22	0.0065	0.0065	ug/L	U
72-43-5	Methoxychlor	L1064-22	0.0070	0.0070	ug/L	U
8001-35-2	Toxaphene	L1064-22	1.95	1.95	ug/L	U

Surrogate Results

Cas No	Analyte	File ID	% Recovery	QC Limits	Q
2051-24-3	DECACHLOROBIPHENYL	L1064-22	77.1 %	(30 - 150)	
877-09-8	TETRACHLORO M-XYLENE	L1064-22	69.5 %	(30 - 150)	

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02/04/2009

Dissolved Mercury by SW846 7470/7471/245.1

Sample: 0901338-10
Client Sample ID: GP-01 (GW) Collected: 01/23/2009 11:20
Matrix: Liquid Type: Grab
Remarks:
Analyzed Date: 01/27/2009
Preparation Date(s) : 01/27/2009

Analytical Results

Cas No	Analyte	MDL	Concentration	Units	Q
7439-97-6	Mercury	0.00014	**0.00026**	mg/L	

Sample: 0901338-11
Client Sample ID: GP-02 (GW) Collected: 01/23/2009 12:36
Matrix: Liquid Type: Grab
Remarks:
Analyzed Date: 01/27/2009
Preparation Date(s) : 01/27/2009

Analytical Results

Cas No	Analyte	MDL	Concentration	Units	Q
7439-97-6	Mercury	0.00014	**0.00026**	mg/L	

Sample: 0901338-12
Client Sample ID: GP-03 (GW) Collected: 01/23/2009 15:01
Matrix: Liquid Type: Grab
Remarks:
Analyzed Date: 01/27/2009
Preparation Date(s) : 01/27/2009

Analytical Results

Cas No	Analyte	MDL	Concentration	Units	Q
7439-97-6	Mercury	0.000070	**0.000096**	mg/L	

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02/04/2009

Mercury by SW846 7470/7471/EPA 245.1

Sample: 0901338-1

Client Sample ID: GP-01 (8-10')
Matrix: Soil
Type: Grab
Collected: 01/23/2009 10:20
% Solid: 85.9%
Remarks:
Analyzed Date: 01/27/2009
Preparation Date(s) : 01/27/2009

Analytical Results

Cas No	Analyte	MDL	Concentration*	Units	Q
7439-97-6	Mercury	0.018	**0.20**	mg/Kg	

* Results are reported on a dry weight basis

Sample: 0901338-2

Client Sample ID: GP-02 (4-8')
Matrix: Soil
Type: Grab
Collected: 01/23/2009 11:55
% Solid: 89.4%
Remarks:
Analyzed Date: 01/27/2009
Preparation Date(s) : 01/27/2009

Analytical Results

Cas No	Analyte	MDL	Concentration*	Units	Q
7439-97-6	Mercury	0.013	**0.028**	mg/Kg	

* Results are reported on a dry weight basis

Sample: 0901338-3

Client Sample ID: GP-03 (4-8')
Matrix: Soil
Type: Grab
Collected: 01/23/2009 13:12
% Solid: 89%
Remarks:
Analyzed Date: 01/27/2009
Preparation Date(s) : 01/27/2009

Analytical Results

Cas No	Analyte	MDL	Concentration*	Units	Q
7439-97-6	Mercury	0.011	**0.093**	mg/Kg	

* Results are reported on a dry weight basis

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02/04/2009

Mercury by SW846 7470/7471/EPA 245.1

Sample: 0901338-10
Client Sample ID: GP-01 (GW) Collected: 01/23/2009 11:20
Matrix: Liquid Type: Grab
Remarks:
Analyzed Date: 01/27/2009
Preparation Date(s) : 01/27/2009

Analytical Results

Cas No	Analyte	MDL	Concentration	Units	Q
7439-97-6	Mercury	0.000070	**0.00040**	mg/L	

Sample: 0901338-11
Client Sample ID: GP-02 (GW) Collected: 01/23/2009 12:36
Matrix: Liquid Type: Grab
Remarks:
Analyzed Date: 01/27/2009
Preparation Date(s) : 01/27/2009

Analytical Results

Cas No	Analyte	MDL	Concentration	Units	Q
7439-97-6	Mercury	0.000070	**0.0013**	mg/L	

Sample: 0901338-12
Client Sample ID: GP-03 (GW) Collected: 01/23/2009 15:01
Matrix: Liquid Type: Grab
Remarks:
Analyzed Date: 01/27/2009
Preparation Date(s) : 01/27/2009

Analytical Results

Cas No	Analyte	MDL	Concentration	Units	Q
7439-97-6	Mercury	0.000070	**0.00041**	mg/L	

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02/04/2009

TAL Metals by SW846 6010

Sample: 0901338-1

Client Sample ID: GP-01 (8-10')
Collected: 01/23/2009 10:20
Matrix: Soil
Type: Grab
% Solid: 85.9%
Remarks:
Analyzed Date: 01/27/2009
Preparation Date(s) : 01/27/2009 01/26/2009

Analytical Results

Cas No	Analyte	MDL	Concentration*	Units	Q
7429-90-5	Aluminum	1.46	**6660**	mg/Kg	
7440-36-0	Antimony	0.23	0.23	mg/Kg	U
7440-38-2	Arsenic	0.39	**3.57**	mg/Kg	
7440-39-3	Barium	0.046	**79.9**	mg/Kg	
7440-41-7	Beryllium	0.023	0.023	mg/Kg	U
7440-43-9	Cadmium	0.035	0.035	mg/Kg	U
7440-70-2	Calcium	3.00	**10200**	mg/Kg	
7440-47-3	Chromium	0.19	**18.3**	mg/Kg	
7440-48-4	Cobalt	0.046	**6.31**	mg/Kg	
7440-50-8	Copper	0.34	**41.0**	mg/Kg	
7439-89-6	Iron	2.09	**14200**	mg/Kg	
7439-92-1	Lead	0.20	**166**	mg/Kg	
7439-95-4	Magnesium	3.08	**2980**	mg/Kg	
7439-96-5	Manganese	0.093	**232**	mg/Kg	
7440-02-0	Nickel	0.058	**13.2**	mg/Kg	
7440-09-7	Potassium	6.06	**958**	mg/Kg	
7782-49-2	Selenium	0.50	0.50	mg/Kg	U
7440-22-4	Silver	0.12	0.12	mg/Kg	U
7440-23-5	Sodium	2.52	**194**	mg/Kg	
7440-28-0	Thallium	0.23	0.23	mg/Kg	U
7440-62-2	Vanadium	0.058	**15.9**	mg/Kg	
7440-66-6	Zinc	0.51	**347**	mg/Kg	

* Results are reported on a dry weight basis

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02/04/2009

TAL Metals by SW846 6010

Sample: 0901338-2

Client Sample ID: GP-02 (4-8')
Matrix: Soil
Type: Grab
Remarks:
Analyzed Date: 01/27/2009
Preparation Date(s) : 01/27/2009 01/26/2009

Collected: 01/23/2009 11:55
% Solid: 89.4%

Analytical Results

Cas No	Analyte	MDL	Concentration*	Units	Q
7429-90-5	Aluminum	1.39	**6710**	mg/Kg	
7440-36-0	Antimony	0.22	0.22	mg/Kg	U
7440-38-2	Arsenic	0.38	**4.59**	mg/Kg	
7440-39-3	Barium	0.044	**39.1**	mg/Kg	
7440-41-7	Beryllium	0.022	0.022	mg/Kg	U
7440-43-9	Cadmium	0.033	0.033	mg/Kg	U
7440-70-2	Calcium	2.86	**2270**	mg/Kg	
7440-47-3	Chromium	0.18	**14.4**	mg/Kg	
7440-48-4	Cobalt	0.044	**6.67**	mg/Kg	
7440-50-8	Copper	0.32	**22.6**	mg/Kg	
7439-89-6	Iron	1.99	**16100**	mg/Kg	
7439-92-1	Lead	0.19	**44.5**	mg/Kg	
7439-95-4	Magnesium	2.93	**2130**	mg/Kg	
7439-96-5	Manganese	0.088	**244**	mg/Kg	
7440-02-0	Nickel	0.055	**12.9**	mg/Kg	
7440-09-7	Potassium	5.77	**822**	mg/Kg	
7782-49-2	Selenium	0.47	0.47	mg/Kg	U
7440-22-4	Silver	0.11	0.11	mg/Kg	U
7440-23-5	Sodium	2.39	**53.8**	mg/Kg	
7440-28-0	Thallium	0.22	0.22	mg/Kg	U
7440-62-2	Vanadium	0.055	**15.5**	mg/Kg	
7440-66-6	Zinc	0.49	**64.1**	mg/Kg	

* Results are reported on a dry weight basis

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02/04/2009

TAL Metals by SW846 6010

Sample: 0901338-3

Client Sample ID: GP-03 (4-8')
Collected: 01/23/2009 13:12
Matrix: Soil
Type: Grab
% Solid: 89%
Remarks:
Analyzed Date: 01/27/2009
Preparation Date(s) : 01/27/2009 01/26/2009

Analytical Results

Cas No	Analyte	MDL	Concentration*	Units	Q
7429-90-5	Aluminum	1.37	**5210**	mg/Kg	
7440-36-0	Antimony	0.22	0.22	mg/Kg	U
7440-38-2	Arsenic	0.37	0.37	mg/Kg	U
7440-39-3	Barium	0.043	**44.6**	mg/Kg	
7440-41-7	Beryllium	0.022	0.022	mg/Kg	U
7440-43-9	Cadmium	0.033	0.033	mg/Kg	U
7440-70-2	Calcium	2.81	**28100**	mg/Kg	
7440-47-3	Chromium	0.17	**11.8**	mg/Kg	
7440-48-4	Cobalt	0.043	**5.66**	mg/Kg	
7440-50-8	Copper	0.32	**26.1**	mg/Kg	
7439-89-6	Iron	1.96	**10500**	mg/Kg	
7439-92-1	Lead	0.18	**109**	mg/Kg	
7439-95-4	Magnesium	2.89	**5420**	mg/Kg	
7439-96-5	Manganese	0.087	**272**	mg/Kg	
7440-02-0	Nickel	0.054	**11.7**	mg/Kg	
7440-09-7	Potassium	5.68	**1280**	mg/Kg	
7782-49-2	Selenium	0.47	0.47	mg/Kg	U
7440-22-4	Silver	0.11	0.11	mg/Kg	U
7440-23-5	Sodium	2.36	**620**	mg/Kg	
7440-28-0	Thallium	0.22	0.22	mg/Kg	U
7440-62-2	Vanadium	0.054	**17.5**	mg/Kg	
7440-66-6	Zinc	0.48	**57.1**	mg/Kg	

* Results are reported on a dry weight basis

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02/04/2009

TAL Metals by SW846 6010

Sample: 0901338-10

Client Sample ID: GP-01 (GW) Collected: 01/23/2009 11:20
Matrix: Liquid Type: Grab
Remarks:
Analyzed Date: 01/29/2009
Preparation Date(s) : 01/27/2009 01/26/2009

Analytical Results

Cas No	Analyte	MDL	Concentration	Units	Q
7429-90-5	Aluminum	0.013	0.013	mg/L	U
7440-36-0	Antimony	0.0020	0.0020	mg/L	U
7440-38-2	Arsenic	0.0030	0.0030	mg/L	U
7440-39-3	Barium	0.00040	**0.15**	mg/L	
7440-41-7	Beryllium	0.00020	0.00020	mg/L	U
7440-43-9	Cadmium	0.00030	0.00030	mg/L	U
7440-70-2	Calcium	2.59	**442**	mg/L	
7440-47-3	Chromium	0.0016	**0.036**	mg/L	
7440-48-4	Cobalt	0.00040	**0.029**	mg/L	
7440-50-8	Copper	0.0029	**0.052**	mg/L	
7439-89-6	Iron	1.80	**1210**	mg/L	
7439-92-1	Lead	0.0017	**0.16**	mg/L	
7439-95-4	Magnesium	0.027	**221**	mg/L	
7439-96-5	Manganese	0.00080	**14.9**	mg/L	
7440-02-0	Nickel	0.00050	**0.030**	mg/L	
7440-09-7	Potassium	5.23	**107**	mg/L	
7782-49-2	Selenium	0.0043	0.0043	mg/L	U
7440-22-4	Silver	0.0010	0.0010	mg/L	U
7440-23-5	Sodium	2.17	**2710**	mg/L	
7440-28-0	Thallium	0.0020	0.0020	mg/L	U
7440-62-2	Vanadium	0.00050	0.00050	mg/L	U
7440-66-6	Zinc	0.0044	**1.03**	mg/L	

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02/04/2009

TAL Metals by SW846 6010

Sample: 0901338-11

Client Sample ID: GP-02 (GW) Collected: 01/23/2009 12:36
Matrix: Liquid Type: Grab
Remarks:
Analyzed Date: 01/29/2009
Preparation Date(s) : 01/27/2009 01/26/2009

Analytical Results

Cas No	Analyte	MDL	Concentration	Units	Q
7429-90-5	Aluminum	0.013	**28.8**	mg/L	
7440-36-0	Antimony	0.0020	0.0020	mg/L	U
7440-38-2	Arsenic	0.0030	0.0030	mg/L	U
7440-39-3	Barium	0.00040	**0.56**	mg/L	
7440-41-7	Beryllium	0.00020	0.00020	mg/L	U
7440-43-9	Cadmium	0.00030	0.00030	mg/L	U
7440-70-2	Calcium	2.59	**466**	mg/L	
7440-47-3	Chromium	0.0016	**0.062**	mg/L	
7440-48-4	Cobalt	0.00040	**0.034**	mg/L	
7440-50-8	Copper	0.0029	**0.19**	mg/L	
7439-89-6	Iron	0.018	**96.6**	mg/L	
7439-92-1	Lead	0.0017	**0.71**	mg/L	
7439-95-4	Magnesium	0.027	**44.1**	mg/L	
7439-96-5	Manganese	0.00080	**2.72**	mg/L	
7440-02-0	Nickel	0.00050	**0.20**	mg/L	
7440-09-7	Potassium	0.052	**25.2**	mg/L	
7782-49-2	Selenium	0.0043	0.0043	mg/L	U
7440-22-4	Silver	0.0010	0.0010	mg/L	U
7440-23-5	Sodium	0.022	**69.2**	mg/L	
7440-28-0	Thallium	0.0020	0.0020	mg/L	U
7440-62-2	Vanadium	0.00050	**0.057**	mg/L	
7440-66-6	Zinc	0.44	**29.4**	mg/L	

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02/04/2009

TAL Metals by SW846 6010

Sample: 0901338-12

Client Sample ID: GP-03 (GW) Collected: 01/23/2009 15:01
Matrix: Liquid Type: Grab
Remarks:
Analyzed Date: 01/29/2009
Preparation Date(s) : 01/27/2009 01/26/2009

Analytical Results

Cas No	Analyte	MDL	Concentration	Units	Q
7429-90-5	Aluminum	0.013	**11.7**	mg/L	
7440-36-0	Antimony	0.0020	0.0020	mg/L	U
7440-38-2	Arsenic	0.0030	0.0030	mg/L	U
7440-39-3	Barium	0.00040	**0.18**	mg/L	
7440-41-7	Beryllium	0.00020	0.00020	mg/L	U
7440-43-9	Cadmium	0.00030	0.00030	mg/L	U
7440-70-2	Calcium	2.59	**240**	mg/L	
7440-47-3	Chromium	0.0016	**0.029**	mg/L	
7440-48-4	Cobalt	0.00040	**0.013**	mg/L	
7440-50-8	Copper	0.0029	**0.039**	mg/L	
7439-89-6	Iron	0.018	**18.2**	mg/L	
7439-92-1	Lead	0.0017	**0.064**	mg/L	
7439-95-4	Magnesium	0.027	**36.3**	mg/L	
7439-96-5	Manganese	0.00080	**1.65**	mg/L	
7440-02-0	Nickel	0.00050	**0.023**	mg/L	
7440-09-7	Potassium	0.052	**25.4**	mg/L	
7782-49-2	Selenium	0.0043	0.0043	mg/L	U
7440-22-4	Silver	0.0010	0.0010	mg/L	U
7440-23-5	Sodium	0.022	**199**	mg/L	
7440-28-0	Thallium	0.0020	0.0020	mg/L	U
7440-62-2	Vanadium	0.00050	**0.030**	mg/L	
7440-66-6	Zinc	0.0044	**0.068**	mg/L	

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02/04/2009

TAL Metals, Dissolved by Method SW846 6010

Sample: 0901338-10

Client Sample ID: GP-01 (GW) Collected: 01/23/2009 11:20
Matrix: Liquid Type: Grab
Remarks:
Analyzed Date: 01/29/2009
Preparation Date(s) : 01/27/2009 01/26/2009

Analytical Results

Cas No	Analyte	MDL	Concentration	Units	Q
7429-90-5	Aluminum	0.013	0.013	mg/L	U
7440-36-0	Antimony	0.0020	0.0020	mg/L	U
7440-38-2	Arsenic	0.0030	0.0030	mg/L	U
7440-39-3	Barium	0.00040	**0.094**	mg/L	
7440-41-7	Beryllium	0.00020	0.00020	mg/L	U
7440-43-9	Cadmium	0.00030	0.00030	mg/L	U
7440-70-2	Calcium	2.59	**439**	mg/L	
7440-47-3	Chromium	0.0016	**0.014**	mg/L	
7440-48-4	Cobalt	0.00040	**0.022**	mg/L	
7440-50-8	Copper	0.0029	**0.011**	mg/L	
7439-89-6	Iron	1.80	**1210**	mg/L	
7439-92-1	Lead	0.0017	**0.11**	mg/L	
7439-95-4	Magnesium	0.027	**209**	mg/L	
7439-96-5	Manganese	0.00080	**15.0**	mg/L	
7440-02-0	Nickel	0.00050	0.00050	mg/L	U
7440-09-7	Potassium	5.23	**108**	mg/L	
7782-49-2	Selenium	0.0043	0.0043	mg/L	U
7440-22-4	Silver	0.0010	0.0010	mg/L	U
7440-23-5	Sodium	2.17	**2940**	mg/L	
7440-28-0	Thallium	0.0020	0.0020	mg/L	U
7440-62-2	Vanadium	0.00050	0.00050	mg/L	U
7440-66-6	Zinc	0.0044	**0.96**	mg/L	

Environmental Testing Laboratories, Inc.
208 Route 109, Farmingdale NY 11735
Phone - 631-249-1456 Fax - 631-249-8344

02/04/2009

TAL Metals, Dissolved by Method SW846 6010

Sample: 0901338-11

Client Sample ID: GP-02 (GW) Collected: 01/23/2009 12:36
Matrix: Liquid Type: Grab
Remarks:
Analyzed Date: 01/29/2009
Preparation Date(s) : 01/27/2009 01/26/2009

Analytical Results

Cas No	Analyte	MDL	Concentration	Units	Q
7429-90-5	Aluminum	0.013	**6.32**	mg/L	
7440-36-0	Antimony	0.0020	0.0020	mg/L	U
7440-38-2	Arsenic	0.0030	0.0030	mg/L	U
7440-39-3	Barium	0.00040	**0.29**	mg/L	
7440-41-7	Beryllium	0.00020	0.00020	mg/L	U
7440-43-9	Cadmium	0.00030	0.00030	mg/L	U
7440-70-2	Calcium	2.59	**446**	mg/L	
7440-47-3	Chromium	0.0016	**0.020**	mg/L	
7440-48-4	Cobalt	0.00040	**0.011**	mg/L	
7440-50-8	Copper	0.0029	0.0029	mg/L	U
7439-89-6	Iron	0.018	**61.1**	mg/L	
7439-92-1	Lead	0.0017	**0.089**	mg/L	
7439-95-4	Magnesium	0.027	**37.6**	mg/L	
7439-96-5	Manganese	0.00080	**2.50**	mg/L	
7440-02-0	Nickel	0.00050	**0.025**	mg/L	
7440-09-7	Potassium	0.052	**22.8**	mg/L	
7782-49-2	Selenium	0.0043	0.0043	mg/L	U
7440-22-4	Silver	0.0010	0.0010	mg/L	U
7440-23-5	Sodium	0.022	**67.9**	mg/L	
7440-28-0	Thallium	0.0020	0.0020	mg/L	U
7440-62-2	Vanadium	0.00050	**0.025**	mg/L	
7440-66-6	Zinc	0.0044	**23.2**	mg/L	E

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TAL Metals, Dissolved by Method SW846 6010

Sample: 0901338-12

Client Sample ID: GP-03 (GW) Collected: 01/23/2009 15:01
Matrix: Liquid Type: Grab
Remarks:
Analyzed Date: 01/29/2009
Preparation Date(s) : 01/27/2009 01/26/2009

Analytical Results

Cas No	Analyte	MDL	Concentration	Units	Q
7429-90-5	Aluminum	0.013	**2.12**	mg/L	
7440-36-0	Antimony	0.0020	0.0020	mg/L	U
7440-38-2	Arsenic	0.0030	0.0030	mg/L	U
7440-39-3	Barium	0.00040	**0.098**	mg/L	
7440-41-7	Beryllium	0.00020	0.00020	mg/L	U
7440-43-9	Cadmium	0.00030	0.00030	mg/L	U
7440-70-2	Calcium	0.026	**204**	mg/L	
7440-47-3	Chromium	0.0016	0.0016	mg/L	U
7440-48-4	Cobalt	0.00040	**0.0065**	mg/L	
7440-50-8	Copper	0.0029	**0.014**	mg/L	
7439-89-6	Iron	0.018	**2.68**	mg/L	
7439-92-1	Lead	0.0017	**0.029**	mg/L	
7439-95-4	Magnesium	0.027	**33.5**	mg/L	
7439-96-5	Manganese	0.00080	**1.45**	mg/L	
7440-02-0	Nickel	0.00050	0.00050	mg/L	U
7440-09-7	Potassium	0.052	**23.8**	mg/L	
7782-49-2	Selenium	0.0043	0.0043	mg/L	U
7440-22-4	Silver	0.0010	0.0010	mg/L	U
7440-23-5	Sodium	2.17	**157**	mg/L	
7440-28-0	Thallium	0.0020	0.0020	mg/L	U
7440-62-2	Vanadium	0.00050	**0.0083**	mg/L	
7440-66-6	Zinc	0.0044	**0.043**	mg/L	

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Case Narrative

EPA 8260 VOLATILE ANALYSIS:

The following compounds were calibrated at 25, 50, 100,
150 and 200 ppb levels in the initial calibration curve:
- Acetone
- 2-Butanone
- 4-Methyl-2-pentanone
- 2-Hexanone

M&P-Xylenes and 2-Chloroethylvinylether were calibrated at 10, 40, 100, 200 and 300 ppb levels.
Acrolein/Acrylonitrile were calibrated at 50,100,150,200 and 250 ppb levels.
Tert Butyl Alcohol (TBA) was calibrated at 50,200,500,1000 and 1500 ppb levels.

All other compounds were calibrated at 5, 20, 50, 100 and 150 ppb levels.

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Case Narrative

EPA 8270 SEMI-VOLATILE ANALYSIS:

Samples 10-13:

Bis(2-ethylhexyl)phthalate, which was found in the blank associated with these samples at 1.5ppb, is a common laboratory contaminant.

200mls sample was extracted for analysis due to high concentration of sediments. The sample was diluted 1:5 with DI water in order to prevent emusions/ extraction problems.

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ORGANIC METHOD QUALIFIERS

Q - Qualifier - specified entries and their meanings are as follows:

U - The analytical result is not detected above the Method Detection Limit (MDL). All MDL's are lower than the lowest calibration standard concentration.

J - Indicates an estimated value. The concentration reported was between the Method Detection Limit (MDL) and the Practical Quantitation Limit (PQL).

B - The analyte was found in the associated method blank as well as the sample. It indicates possible/probable blank contamination and warns the data user to take appropriate action.

E - The concentration of the analyte exceeded the calibration range of the instrument.

D - This flag indicates a system monitoring compound diluted out.

INORGANIC METHOD QUALIFIERS

C - (Concentration) qualifiers are as follows:

B - Entered if the reported value was obtained from a reading that was less than the Contract Required Detection Limit (CRDL) but greater than or equal to the Method Detection Limit (MDL).

U - Entered when the analyte was analyzed for, but not detected above the Method Detection Limit (MDL) which is less than the lowest calibration standard concentration.

Q - Qualifier specific entries and their meanings are as follows:

E - Reported value is estimated because of the presence of interferences.

M - (Method) qualifiers are as follows:

A - Flame AA
AS - Semi-automated Spectrophotometric
AV - Automated Cold Vapor AA
C - Manual Spectrophotometric
F - Furnace AA
P - ICP
T - Titrimetric

OTHER QUALIFIERS

ND - Not Detected