1346 Blondell Avenue

BRONX, NEW YORK

Subsurface (Phase II) Investigation

AKRF Project Number: 10735

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1.0 INTRODUCTION

AKRF, Inc. (AKRF) conducted a subsurface (Phase II) investigation at the 1346 Blondell Avenue site in the Bronx, New York. The scope of the Phase II study included the advancement of eight soil borings and the collection of soil and groundwater samples for laboratory analysis. A site location map is provided as Figure 1.

The scope of the Phase II study was based on the results of a Phase I Environmental Site Assessment (ESA) conducted for the subject property by AKRF, dated February 2006. The assessment revealed the following environmental conditions in connection with the property:

- The subject property was listed twice on the closed status New York State Department of Environmental Protection (NYSDEC) spills database. On October 8, 1997, an unknown quantity of gasoline and waste oil was reported spilled onto the ground surface. The listing reported that spills from vehicles were a regular occurrence at the site and that tires were burned on a daily basis. This spill was closed in March 1998. A spill was reported on December 8, 1997 in which an unknown material and quantity was spilled at the property. The spill was closed in July 2003. According to John Mercorella, a representative of the property owner, an oil and gasoline spill had occurred in the northeastern portion of the site several years ago. Based on the details provided, this spill may be associated with the database listed on-site spill reported in October 1997, though this could not be positively confirmed. The surface pavement at the site was observed to be in poor condition and a portion of the site was surfaced with gravel. Surficial oil staining was observed by AKRF on visible exterior portions of the paved and gravel surfaces. These reported spills or releases from vehicles could have affected subsurface soil and groundwater.
- A 275-gallon storage tank was located in the basement of the northernmost dwelling at the site. Based on observations made during the site visit by AKRF, this tank may be a used oil tank operated by the south-adjacent motorcycle repair shop. A 275-gallon used oil aboveground storage tank was listed on the New York State Department of Environmental Conservation (NYSDEC) Petroleum Bulk Storage (PBS) database for Boyle Auto Wreckers, Inc., a previous tenant of the 1346 Blondell Avenue property. It is possible that this listing represents the 275-gallon aboveground storage tank located in the basement of the residential dwelling. However, AKRF did not have access to the motorcycle repair shop building. Other petroleum storage tanks may be present inside this structure that could be related to the PBS listing for the subject site. In addition, a violation for an unregistered waste oil tank at the site was issued by the NYSDEC, as noted in the December 1997 spill listing for the site.
- The study site was labeled as an “Auto Junk Yard” on historic Sanborn maps from 1977 to 1996. Historic operations as a junk yard may have affected the subsurface soil and/or groundwater at the property.
- Historical land use maps, the regulatory database search, and results of the site reconnaissance indicated that the surrounding area has a long history of auto-related, manufacturing and light industrial operations. Such land use included the presence of historic gasoline filling stations directly across Ponton Avenue to the north and across Blondell Avenue to the southwest. Several fuel oil spills were noted in the NY SPILLS database in the area surrounding the subject site. Known and potential releases from these sites may have affected the local groundwater quality.

AKRF’s Phase II study was conducted on June 21, 2006. The study was intended to determine whether the subject property had been affected by current or former on- or off-site operations. This report describes methods and results of the Phase II investigation conducted by AKRF.

2.0 SITE DESCRIPTION AND HISTORY

The project site consisted of a 45,000-square foot property including a commercial parking lot, a two-story motorcycle repair shop building, and two residential dwellings along the western side of the property. The property was situated at an elevation approximately 10 feet lower than Blondell Avenue. An entrance ramp to the site was present on the northwestern corner of the property from Blondell Avenue. The site was primarily paved with asphalt; however, the ground surface in northwestern portion of the site, including the entrance ramp, appeared to be covered with gravel, and a rectangular concrete-paved area was located in the southeastern corner. The asphalt pavement was significantly deteriorated and the concrete pavement was significantly cracked and weathered. Several patches of oil staining were observed throughout the visible exterior ground surface of the property.

Historic Sanborn fire insurance maps indicated that the study site historically comprised vacant lots, residential dwellings, and an auto repair shop building. The site was also identified as an auto junk yard from 1977 to 1996. The history of the surrounding area included filling stations and auto repair shops. Rail yards were historically present north-northeast of the subject property.

3.0 TOPOGRAPHY AND HYDROGEOLOGY

The surface topography at the study site is generally level, though the general slope of the surrounding area is to the east and south. Based on reports compiled by the U.S. Geological Survey (USGS Topographic Map – Flushing Quadrangle), the property lies at an elevation of approximately 10 feet, based on the National Geodetic Vertical Datum of 1929 (an approximation of mean sea level). Surficial materials were observed to comprise sand and silt with fine gravel and contained some brick, concrete, wood, glass, and ash (i.e., urban fill).

During AKRF's Phase II investigation, groundwater was encountered at a depth of approximately six feet below surface grade. Based on topography, groundwater most likely flows in a south-southeasterly direction towards Westchester Creek, located approximately 800 feet south-southeast of the study site. However, actual groundwater flow at the site can be affected by many factors, including current and past pumping of groundwater; past filling activities; underground utilities and other subsurface openings or obstructions such as basements, subway lines or underground parking garages; bedrock geology; and other factors beyond the scope of this study. Groundwater in the Bronx is not used as a source of potable water.

4.0 FIELD ACTIVITIES

4.1 Soil Borings

On June 21, 2006, Zebra Environmental of Lynbrook, New York advanced eight soil borings at the subject property, as shown on Figure 2. The soil borings were advanced using a truck-mounted Geoprobe® direct push probe (DPP) unit. Soil samples were collected using four-foot long, two-inch diameter, macrocore piston rod samplers fitted with acetate liners. The soil borings were advanced to depths ranging from 8 to 12 feet below grade. Soil boring logs are provided in Appendix A.

Each sample was split lengthwise and logged by AKRF field personnel. Logging consisted of: describing the soil according to the modified Burmister Classification System; describing any evidence of contamination (e.g., staining, sheens, odors); and screening the soil for organic

vapors using a photoionization detector (PID) in one-foot intervals. One soil sample from each soil boring was selected for laboratory analysis based on PID response and visual indications of contamination (if any). Groundwater samples were collected from five of the eight soil boring locations. Groundwater samples were collected from temporary PVC well points installed in the soil borings. No permanent monitoring wells were installed.

Soil and groundwater samples designated for laboratory analysis were collected using dedicated sampling equipment, placed into laboratory-supplied containers and a chilled cooler, and submitted via courier to Alpha Analytical Laboratories located in Westborough, Massachusetts, a New York State Department of Health-certified laboratory. The samples were analyzed for volatile organics compounds (VOCs) by EPA Method 8260, semi-volatile organic compounds (SVOCs) by EPA Method 8270, and priority pollutant (PP) metals. The groundwater analysis for metals was conducted on both unfiltered and filtered samples (i.e., total and dissolved metals analyses, respectively).

One trip blank accompanied the sample shipment for quality assurance/quality control (QA/QC) purposes, which was analyzed for VOCs by EPA Method 8260 only. No additional QA/QC samples were collected.

4.2 Field Observations and Analytical Results

Soil encountered during this investigation comprised sand and silt with fine gravel. Some brick, concrete, wood, glass, and ash were present in the soil, indicating that the soil was predominantly composed of urban fill. Groundwater was encountered at a depth of approximately six feet below surface grade.

Recovered soil at each boring was transferred from the sampler into sealable plastic bags. The headspace of each sample was screened for volatile organic compounds (VOCs) by placing the probe of a Model 580B photoionization detector (PID) inside the plastic bags. Headspace readings ranged from not detected (ND) in the majority of the soil screened to 1,232 parts per million (ppm) in soil sample S-6 (1'-3'). Petroleum-like odors were detected in soil borings S-1, S-2, S-3, S-4, and S-7. Some black staining was observed on the soil sample collected from soil boring S-3. Results of the field screening activities are provided in the soil boring logs in Appendix A.

5.0 LABORATORY ANALYTICAL RESULTS

5.1 Soil Analytical Results

Eight (8) discrete soil samples, one from each boring, were collected for laboratory analysis as part of this investigation. Soil sample analytical results were compared to the Recommended Soil Cleanup Objectives (RSCO) outlined in the New York State Department of Environmental Conservation (NYSDEC) Technical and Administrative Guidance Memorandum (TAGM) 4046. Results of the soil metals analyses were also compared to established eastern United States background levels for soil in urban areas, as published in TAGM 4046. Soil descriptions, observations, and photoionization detector (PID) readings were recorded on the soil boring logs provided in Appendix A. The laboratory analytical data sheets are included in Appendix B.

Volatile Organic Compounds (VOCs)

A summary of the soil analytical results for volatile organic compounds (VOCs) is presented in Table 1. VOCs were detected in five of the eight soil samples analyzed, primarily at

concentrations below the TAGM RSCOs. The VOC analytical results for soil sample S-2 (2'-4') indicated significant concentrations of compounds typically related to gasoline contamination, including benzene, ethylbenzene, toluene, and xylenes (BTEX), as well as naphthalene and several benzene-related compounds. Seven of these compounds were detected above the TAGM RSCOs. Methyl tert butyl ether (MTBE), a former gasoline additive, was detected in soil sample S-2 (2'-4') at a concentration of 32 parts per billion (ppb), below the TAGM RSCO of 120 ppb. During soil screening activities, soil for this sample was noted to exhibit a petroleum-like odor and a headspace PID reading of 1,232 ppb. These results suggest that a release of gasoline has significantly affected the soil in this area.

Several VOCs typical of gasoline contamination were detected in soil samples S-3 (4'-6') and S-4 (2'-4'), but at lower concentrations than those observed for soil sample S-2 (2'-4'). VOCs exceeding TAGM guidelines were detected in S-4 (2'-4'), including acetone and 1,2,4-trimethylbenzene. A petroleum-like odor was noted for both soil samples and the PID readings during soil screening were 90 ppb and 28 ppb, respectively. Black staining was observed on the soil sample collected from soil boring S-3. The analytical and field screening results suggest that releases of gasoline in these areas have affected soil.

Acetone was detected in samples S-5 (5'-7') and S-8 (4'-6') and 2-butanone was detected in sample S-5 (5'-7') at concentrations below TAGM RSCOs. No other VOCs were detected in these two samples.

Semivolatile Organic Compounds (SVOCs)

A summary of soil analytical results for semivolatile organic compounds (SVOCs) is presented in Table 2. SVOCs were detected in all eight soil samples analyzed, primarily at concentrations below the TAGM RSCOs. Compound concentrations exceeding TAGM guidance values were detected in five of the samples and included benzo(a)anthracene, benzo(a)pyrene, benzo(b)fluoranthene, benzo(k)fluoranthene, chrysene and dibenzo(a,h)anthracene. Many of the SVOCs detected, including those that exceeded the TAGM criteria, were polycyclic aromatic hydrocarbons (PAHs), compounds typically associated with petroleum use as well as those often detected in urban fill material in New York City.

Based on the history of the site, the elevated levels of SVOCs may be related to past and current use of petroleum. However, based on the overburden observed on-site, which included fill materials with ash, the detected SVOC levels may be attributable. At least in part, to the urban fill.

Metals

Soil analytical results for metals are presented in Table 3. Several metals concentrations detected were either above the TAGM RSCOs or the established eastern United States background levels. Metals concentrations exceeding both of these criteria included cadmium, copper, lead, mercury, and zinc.

In particular, mercury was detected in soil sample S-7 (6'-8') at a concentration of 1.9 parts per million (ppm), above the TAGM RSCO of 0.1 ppm and the eastern U.S. background range of 0.001 to 0.2 ppm. Lead was detected in soil samples S-4 (2'-4') and S-7 (6'-8') at concentrations of 2,400 ppm and 1,100 ppm, respectively. These lead levels are above the eastern United States background levels and, based on the detected concentrations, may exceed the threshold for characterization as hazardous waste under Title 40 of the Code of Federal Regulations when reanalyzed for Toxicity Characteristic Leaching Procedure (TCLP), an analysis for the characterization of waste designated for disposal.

Based on the type and distribution of the identified metals concentrations, the metals detections, including the elevated mercury and lead levels, may be attributable to the urban fill at the site and not necessarily to environmental contamination from historic on-site operations. However, the elevated lead levels may be related to the past use and release of leaded gasoline or lead-containing batteries.

5.2 Groundwater Analytical Results

Volatile Organic Compounds (VOCs)

Groundwater samples were collected from five of the eight soil borings for laboratory analysis as part of this investigation. Groundwater sample analytical results were compared to the NYSDEC Class GA Ambient Water Quality Standards (drinking water standards), although groundwater is not a source of potable water in the Bronx. Groundwater analytical results for VOCs are presented in Table 4.

Several VOCs were detected in groundwater samples S-2 and S-4. VOCs exceeding the Class GA standards included benzene, toluene, ethylbenzene, MTBE, xylenes, n-butylbenzene, sec-butylbenzene, isopropylbenzene, naphthalene, n-propylbenzene, 1,3,5-trimethylbenzene, and 1,2,4-trimethylbenzene. The detected compounds are typically associated with gasoline.

Chloroform was detected in sample S-6 at a concentration of 0.78 ppb, below the Class GA standard of 7 ppb. Methyl tert butyl ether (MTBE) was detected is sample S-8 at a concentration of 3.7 ppb, below the Class GA standard of 10 ppb. MTBE was also detected in sample S-3 at a concentration of 41 ppb, above the Class GA standard. No other VOCs were detected in samples S-6 and S-8. The only other VOC detected in sample S-3 was acetone, at a concentration below the Class GA standard.

The results of the analyses for VOCs suggest potential gasoline contamination to groundwater in samples S-2, S-3, and S-4. Similar compounds were detected in the soil samples from these soil boring locations, which were generally located on the northern portion of the subject site. This is the area where Mr. Mercorella, the representative for the property owner, indicated that an oil and gasoline spill had occurred several years ago. To a lesser extent, potential gasoline contamination was detected in groundwater sample S-8 (i.e., MTBE below the drinking water standard).

Semivolatile Organic Compounds (SVOCs)

A summary of the groundwater analytical results for SVOCs is presented in Table 5. Several SVOCs were detected in all five groundwater samples analyzed, primarily at concentrations below the Class GA standards. Only naphthalene in groundwater sample S-4 was detected above Class GA standards, at a concentration of 15 ppb (the Class GA standard for MTBE is 10 ppb). Detected SVOCs, particularly naphthalene and naphthalene-related compounds, are likely associated with petroleum-related contamination.

Metals

Groundwater analytical results for total and dissolved metals are presented in Tables 6 and 7, respectively. Total and dissolved metals were detected in all of the groundwater samples analyzed. Total metals exceeding the Class GA standards included arsenic, barium, cadmium, chromium, copper, lead, mercury and nickel and sodium. In the dissolved metals analysis, chromium was detected in sample S-6 at a concentration of 0.01 parts per million (ppm), below the class GA standard of 0.05. No other dissolved metals were detected in the samples. The predominance of total metals identified in the groundwater sample analysis implies that the

metals detections are likely due to the suspended sediments in the collected sample and not indicative of contamination from former on-site operations.

6.0 CONCLUSIONS AND RECOMMENDATIONS

Eight (8) discrete soil samples and five (5) groundwater samples were collected from eight soil borings for laboratory analysis. Soil encountered during this investigation comprised sand and silt with fine gravel. Some brick, concrete, wood, glass, and ash were present in the soil, indicating that the overburden comprised urban fill. Groundwater was encountered at a depth of approximately six feet below surface grade.

Laboratory analytical results indicated that volatile organic compounds (VOCs) were detected in soil samples S-2, S-3, and S-4 that are typically associated with gasoline, including benzene, ethylbenzene, toluene, and xylenes (BTEX), as well as naphthalene and several benzene-related compounds. The laboratory results and the field screening results, which included the detection of petroleum-like odors and elevated photoionization detector (PID) readings, suggest that releases of gasoline and/or other petroleum products in these areas have affected soil and groundwater.

The results of the analyses for VOCs and SVOCs in groundwater suggest potential gasoline contamination to groundwater in samples collected from borings S-2, S-3, S-4, and to a lesser extent in S-8, where only methyl tert butyl ether (MTBE) was detected. The concentration of gasoline-related contaminants on the northern portion of the site may suggest that contaminated groundwater could have migrated on-site from the historic gasoline station properties to the north identified by AKRF's Phase I ESA dated February 2006. Specifically, one of these historic sites was identified directly across Ponton Avenue from the subject site. These historic gasoline station properties were located in a presumed upgradient groundwater flow direction. However, similar compounds and petroleum-like odors and elevated PID readings were detected in the soil samples from these soil boring locations indicating that reported and/or unreported on-site petroleum spills may have been the main source of the groundwater impact. These detections were noted in the general area where Mr. Mercorella, a representative of the property owner, indicated that an oil and gasoline spill had occurred several years ago. In addition, the site has a history of petroleum use related to automotive and motorcycle repair operations. The New York State Department of Environmental Conservation (NYSDEC) spill listings for the site note the repeated discharge of gasoline and oil to the ground surface.

The detected concentrations of metals in the soil, including those above the TAGM guidelines and established eastern U.S. background levels, may be attributable to the urban fill at the site and not necessarily to environmental contamination from historic on-site operations. However, the elevated lead levels may be related to the past use and release of leaded gasoline or lead-containing batteries. Based on the results, elevated levels of lead may exceed the threshold for characterization as hazardous waste under Title 40 of the Code of Federal Regulations when reanalyzed for Toxicity Characteristic Leaching Procedure (TCLP), an analysis for the characterization of waste for disposal. Such soil may require management as hazardous waste if excavated as part of site development activities.

Metals exceeding the Class GA standards were detected in all eight of the unfiltered (total metals) groundwater samples analyzed. However, only one metal, chromium, was detected in one groundwater sample (S-6) in the metals analyses of the filtered samples (dissolved metals), at a concentration below the Class GA standard. The fact that significantly more metals were detected in the unfiltered samples is likely due to the suspended sediments in the collected sample and not to contamination from former on-site operations.

Soil excavated as part of any future site development activities at the site should be managed in accordance with all applicable regulations. Soil intended for off-site disposal should be tested in accordance with the requirements of the receiving facility. Transportation of material leaving the site for

off-site disposal should be in accordance with federal, state and local requirements covering licensing of haulers and trucks, placarding, truck routes, and manifesting, etc.

If dewatering is necessary for construction and development purposes, groundwater may require treatment as part of the dewatering handling and discharge process. Prior to initiating any dewatering activities, a groundwater sample should be analyzed to insure it meets the New York City Department of Environmental Protection (NYCDEP) criteria for effluent to municipal sewers, should these be the selected course of action for development.

TABLES

Key to Symbols and Terms

[1]	Recommended Soil Clean-up Objectives listed in NYSDEC TAGM #4046.
[2]	Listed in NYSDEC TAGM #4046.
[3]	Average background levels in metropolitan or suburban areas or near highways typically range from 200-500 ppm.
[4]	NYSDEC Division of Water Technical and Operational Guidance Series (1.1.1) Ambient Water Quality Standards and Guidance Values for Class GA groundwater.
*	No established background level given.
**	Standards for total phenolic compounds indicate that the sum of total phenolic compounds must be <1.
ND	Not Detected.
NS	No guidance value or standard exists.
NYSDEC	New York State Department of Environmental Conservation.
ppb	Parts per billion.
ppm	Parts per million.
RSCOs	Recommended Soil Cleanup Objectives.
SB	Site Background.
TAGM	Technical and Administrative Guidance Memorandum.

TABLE 1
SUMMARY OF VOLATILE ORGANIC COMPOUNDS IN SOIL
1346 BLONDELL AVENUE
BRONX, NEW YORK

Client ID Lab Sample ID Date Sampled Units	NYSDEC TAGM 4046 RSCO[1] (ppb)	S-1 (1-3') L0608842-01 21-Jun-06 (ppb)	S-2 (2-4') L0608842-02 21-Jun-06 (ppb)	S-3 (4-6') L0608842-03 21-Jun-06 (ppb)	S-4 (2-4') L0608842-04 21-Jun-06 (ppb)	S-5 (5-7') L0608842-05 21-Jun-06 (ppb)	S-6 (1-3') L0608842-06 21-Jun-06 (ppb)	S-7 (6-8') L0608842-07 21-Jun-06 (ppb)	S-8 (4-6') L0608842-08 21-Jun-06 (ppb)
Compound									
Methylene chloride	100	ND	ND	ND	ND	ND	ND	ND	ND
1,1-Dichloroethane	200	ND	ND	ND	ND	ND	ND	ND	ND
Chloroform	300	ND	ND	ND	ND	ND	ND	ND	ND
Carbon tetrachloride	600	ND	ND	ND	ND	ND	ND	ND	ND
1,2-Dichloropropane	NS	ND	ND	ND	ND	ND	ND	ND	ND
Dibromochloromethane	NS	ND	ND	ND	ND	ND	ND	ND	ND
1,1,2-Trichloroethane	NS	ND	ND	ND	ND	ND	ND	ND	ND
Tetrachloroethene	1,400	ND	ND	ND	ND	ND	ND	ND	ND
Chlorobenzene	1,700	ND	ND	ND	ND	ND	ND	ND	ND
Trichlorofluoromethane	6,000	ND	ND	ND	ND	ND	ND	ND	ND
1,2-Dichloroethane	100	ND	ND	ND	ND	ND	ND	ND	ND
1,1,1-Trichloroethane	800	ND	ND	ND	ND	ND	ND	ND	ND
Bromodichloromethane	NS	ND	ND	ND	ND	ND	ND	ND	ND
trans-1,3-Dichloropropene	NS	ND	ND	ND	ND	ND	ND	ND	ND
cis-1,3-Dichloropropene	NS	ND	ND	ND	ND	ND	ND	ND	ND
1,1-Dichloropropene	NS	ND	ND	ND	ND	ND	ND	ND	ND
Bromoform	NS	ND	ND	ND	ND	ND	ND	ND	ND
1,1,2,2-Tetrachloroethane	600	ND	ND	ND	ND	ND	ND	ND	ND
Benzene	60	ND	250	ND	33	ND	ND	ND	ND
Toluene	1,500	ND	250	ND	5	ND	ND	ND	ND
Ethylbenzene	5,500	ND	6,200	4.8	270	ND	ND	ND	ND
Chloromethane	NS	ND	ND	ND	ND	ND	ND	ND	ND
Bromomethane	NS	ND	ND	ND	ND	ND	ND	ND	ND
Vinyl chloride	200	ND	ND	ND	ND	ND	ND	ND	ND
Chloroethane	1,900	ND	ND	ND	ND	ND	ND	ND	ND
1,1-Dichloroethene	400	ND	ND	ND	ND	ND	ND	ND	ND
trans-1,2-Dichloroethene	300	ND	ND	ND	ND	ND	ND	ND	ND
Trichloroethene	700	ND	ND	ND	ND	ND	ND	ND	ND
1,2-Dichlorobenzene	7,900	ND	ND	ND	ND	ND	ND	ND	ND
1,3-Dichlorobenzene	1,600	ND	ND	ND	ND	ND	ND	ND	ND
1,4-Dichlorobenzene	8,500	ND	ND	ND	ND	ND	ND	ND	ND
Methyl tert butyl ether	120	ND	32	ND	ND	ND	ND	ND	ND
p/m-Xylene	2,000	ND	48,000	29	180	ND	ND	ND	ND
o-Xylene	600	ND	130	30	14	ND	ND	ND	ND
cis-1,2-Dichloroethene	NS	ND	ND	ND	ND	ND	ND	ND	ND
Dibromomethane	NS	ND	ND	ND	ND	ND	ND	ND	ND
1,4-Dichlorobutane	NS	ND	ND	ND	ND	ND	ND	ND	ND
Iodomethane	NS	ND	ND	ND	ND	ND	ND	ND	ND

TABLE 1
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Client ID Lab Sample ID Date Sampled Units	NYSDEC TAGM 4046 RSCO[1] (ppb)	S-1 (1-3') L0608842-01 21-Jun-06 (ppb)	S-2 (2-4') L0608842-02 21-Jun-06 (ppb)	S-3 (4-6') L0608842-03 21-Jun-06 (ppb)	S-4 (2-4') L0608842-04 21-Jun-06 (ppb)	S-5 (5-7') L0608842-05 21-Jun-06 (ppb)	S-6 (1-3') L0608842-06 21-Jun-06 (ppb)	S-7 (6-8') L0608842-07 21-Jun-06 (ppb)	S-8 (4-6') L0608842-08 21-Jun-06 (ppb)
Compound									
1,2,3-Trichloropropane	400	ND	ND	ND	ND	ND	ND	ND	ND
Styrene	NS	ND	12	ND	ND	ND	ND	ND	ND
Dichlorodifluoromethane	NS	ND	ND	ND	ND	ND	ND	ND	ND
Acetone	200	ND	150	83	260	170	ND	ND	100
Carbon disulfide	2,700	ND	ND	ND	ND	ND	ND	ND	ND
2-Butanone	300	ND	ND	ND	ND	36	ND	ND	ND
Vinyl acetate	NS	ND	ND	ND	ND	ND	ND	ND	ND
4-Methyl-2-pentanone	1,000	ND	ND	ND	ND	ND	ND	ND	ND
2-Hexanone	NS	ND	ND	ND	ND	ND	ND	ND	ND
Ethyl methacrylate	NS	ND	ND	ND	ND	ND	ND	ND	ND
Acrolein	NS	ND	ND	ND	ND	ND	ND	ND	ND
Acrylonitrile	NS	ND	ND	ND	ND	ND	ND	ND	ND
Bromochloromethane	NS	ND	ND	ND	ND	ND	ND	ND	ND
Tetrahydrofuran	NS	ND	ND	ND	ND	ND	ND	ND	ND
2,2-Dichloropropane	NS	ND	ND	ND	ND	ND	ND	ND	ND
1,2-Dibromoethane	NS	ND	ND	ND	ND	ND	ND	ND	ND
1,3-Dichloropropane	300	ND	ND	ND	ND	ND	ND	ND	ND
1,1,1,2-Tetrachloroethane	NS	ND	ND	ND	ND	ND	ND	ND	ND
Bromobenzene	NS	ND	ND	ND	ND	ND	ND	ND	ND
n-Butylbenzene	10,000	ND	ND	160	79	ND	ND	ND	ND
sec-Butylbenzene	10,000	ND	510	32	25	ND	ND	ND	ND
tert-Butylbenzene	10,000	ND	ND	ND	ND	ND	ND	ND	ND
o-Chlorotoluene	NS	ND	ND	ND	ND	ND	ND	ND	ND
p-Chlorotoluene	NS	ND	ND	ND	ND	ND	ND	ND	ND
1,2-Dibromo-3-chloropropane	NS	ND	ND	ND	ND	ND	ND	ND	ND
Hexachlorobutadiene	NS	ND	ND	ND	ND	ND	ND	ND	ND
Isopropylbenzene	2,300	ND	1,600	29	79	ND	ND	ND	ND
p-Isopropyltoluene	10,000	ND	360	14	13	ND	ND	ND	ND
Naphthalene	13,000	ND	17,000	37	160	ND	ND	ND	ND
n-Propylbenzene	3,700	ND	5,300	83	140	ND	ND	ND	ND
1,2,3-Trichlorobenzene	NS	ND	ND	ND	ND	ND	ND	ND	ND
1,2,4-Trichlorobenzene	3,400	ND	ND	ND	ND	ND	ND	ND	ND
1,3,5-Trimethylbenzene	3,300	ND	19,000	290	580	ND	ND	ND	ND
1,2,4-Trimethylbenzene	10,000	ND	55,000	760	12,000	ND	ND	ND	ND
trans-1,4-Dichloro-2-butene	NS	ND	ND	ND	ND	ND	ND	ND	ND
Ethyl ether	NS	ND	ND	ND	ND	ND	ND	ND	ND

TABLE 2
SUMMARY OF SEMIVOLATILE ORGANIC COMPOUNDS IN SOIL
1346 BLONDELL AVENUE
BRONX, NEW YORK

Client ID Lab Sample ID Date Sampled Units	NYSDEC TAGM 4046 RSCO[1] (ppb)	S-1 (1-3') L0608842-01 21-Jun-06 (ppb)	S-2 (2-4') L0608842-02 21-Jun-06 (ppb)	S-3 (4-6') L0608842-03 21-Jun-06 (ppb)	S-4 (2-4') L0608842-04 21-Jun-06 (ppb)	S-5 (5-7') L0608842-05 21-Jun-06 (ppb)	S-6 (1-3') L0608842-06 21-Jun-06 (ppb)	S-7 (6-8') L0608842-07 21-Jun-06 (ppb)	S-8 (4-6') L0608842-08 21-Jun-06 (ppb)
Compound									
Acenaphthene	50,000	ND	ND	ND	ND	ND	ND	ND	ND
Benzidine	NS	ND	ND	ND	ND	ND	ND	ND	ND
1,2,4-Trichlorobenzene	3,400	ND	ND	ND	ND	ND	ND	ND	ND
Hexachlorobenzene	410	ND	ND	ND	ND	ND	ND	ND	ND
Bis(2-chloroethyl)ether	NS	ND	ND	ND	ND	ND	ND	ND	ND
1-Chloronaphthalene	NS	ND	ND	ND	ND	ND	ND	ND	ND
2-Chloronaphthalene	NS	ND	ND	ND	ND	ND	ND	ND	ND
1,2-Dichlorobenzene	7,900	ND	ND	ND	ND	ND	ND	ND	ND
1,3-Dichlorobenzene	1,600	ND	ND	ND	ND	ND	ND	ND	ND
1,4-Dichlorobenzene	8,500	ND	ND	ND	ND	ND	ND	ND	ND
3,3'-Dichlorobenzidine	NS	ND	ND	ND	ND	ND	ND	ND	ND
2,4-Dinitrotoluene	NS	ND	ND	ND	ND	ND	ND	ND	ND
2,6-Dinitrotoluene	1,000	ND	ND	ND	ND	ND	ND	ND	ND
Azobenzene	NS	ND	ND	ND	ND	ND	ND	ND	ND
Fluoranthene	50,000	8,100	1,800	90	2,300	ND	1,200	32	1,200
4-Chlorophenyl phenyl ether	NS	ND	ND	ND	ND	ND	ND	ND	ND
4-Bromophenyl phenyl ether	NS	ND	ND	ND	ND	ND	ND	ND	ND
Bis(2-chloroisopropyl)ether	NS	ND	ND	ND	ND	ND	ND	ND	ND
Bis(2-chloroethoxy)methane	NS	ND	ND	ND	ND	ND	ND	ND	ND
Hexachlorobutadiene	NS	ND	ND	ND	ND	ND	ND	ND	ND
Hexachlorocyclopentadiene	NS	ND	ND	ND	ND	ND	ND	ND	ND
Hexachloroethane	NS	ND	ND	ND	ND	ND	ND	ND	ND
Isophorone	4,400	ND	ND	ND	ND	ND	ND	ND	ND
Naphthalene	13,000	ND	3,800	100	370	ND	ND	ND	ND
Nitrobenzene	200	ND	ND	ND	ND	ND	ND	ND	ND
NDPA/DPA	NS	ND	ND	ND	ND	ND	ND	ND	ND
n-Nitrosodi-n-propylamine	NS	ND	ND	ND	ND	ND	ND	ND	ND
Bis(2-ethylhexyl)phthalate	50,000	ND	ND	ND	ND	ND	ND	ND	ND
Butyl benzyl phthalate	50,000	ND	ND	ND	ND	ND	ND	ND	ND
Di-n-butylphthalate	8,100	ND	ND	ND	ND	ND	ND	ND	ND
Di-n-octylphthalate	50,000	ND	ND	ND	ND	ND	ND	ND	ND
Diethyl phthalate	7,100	ND	ND	ND	ND	ND	ND	ND	ND
Dimethyl phthalate	2,000	ND	ND	ND	ND	ND	ND	ND	ND
Benzo(a)anthracene	224	3,400	710	40	1,000	35	590	ND	610
Benzo(a)pyrene	61	2,700	740	30	920	46	500	ND	620
Benzo(b)fluoranthene	1,100	3,300	890	32	1,200	29	340	ND	440
Benzo(k)fluoranthene	1,100	2,800	790	46	840	ND	620	ND	820
Chrysene	400	3,600	820	50	1,100	36	600	ND	680
Acenaphthylene	41,000	410	210	ND	190	ND	ND	ND	180

TABLE 2
SUMMARY OF SEMIVOLATILE ORGANIC COMPOUNDS IN SOIL
1346 BLONDELL AVENUE
BRONX, NEW YORK

Client ID Lab Sample ID Date Sampled Units	NYSDEC TAGM 4046 RSCO[1] (ppb)	S-1 (1-3') L0608842-01 21-Jun-06 (ppb)	S-2 (2-4') L0608842-02 21-Jun-06 (ppb)	S-3 (4-6') L0608842-03 21-Jun-06 (ppb)	S-4 (2-4') L0608842-04 21-Jun-06 (ppb)	S-5 (5-7') L0608842-05 21-Jun-06 (ppb)	S-6 (1-3') L0608842-06 21-Jun-06 (ppb)	S-7 (6-8') L0608842-07 21-Jun-06 (ppb)	S-8 (4-6') L0608842-08 21-Jun-06 (ppb)
Compound									
Anthracene	50,000	1,100	330	15	310	ND	98	ND	130
Benzo(ghi)perylene	50,000	2,500	660	27	580	51	280	ND	510
Fluorene	50,000	380	280	16	100	ND	ND	ND	ND
Phenanthrene	50,000	4,400	1,300	75	940	ND	310	ND	390
Dibenzo(a,h)anthracene	14	480	170	ND	160	29	73	ND	130
Indeno(1,2,3-cd)Pyrene	3,200	2,000	590	21	590	25	270	ND	440
Pyrene	50,000	6,400	1,500	93	1,700	ND	1,000	33	910
Benzo(e)Pyrene	NS	2,400	620	31	700	69	360	ND	480
Biphenyl	NS	ND	ND	ND	ND	ND	ND	ND	ND
Perylene	NS	880	250	16	230	ND	120	ND	160
Aniline	100	ND	ND	ND	ND	ND	ND	ND	ND
4-Chloroaniline	220	ND	ND	ND	ND	ND	ND	ND	ND
1-Methylnaphthalene	NS	ND	950	200	160	ND	ND	ND	ND
2-Nitroaniline	430	ND	ND	ND	ND	ND	ND	ND	ND
3-Nitroaniline	500	ND	ND	ND	ND	ND	ND	ND	ND
4-Nitroaniline	NS	ND	ND	ND	ND	ND	ND	ND	ND
Dibenzofuran	6,200	ND	ND	ND	ND	ND	ND	ND	ND
a,a-Dimethylphenethylamine	NS	ND	ND	ND	ND	ND	ND	ND	ND
Hexachloropropene	NS	ND	ND	ND	ND	ND	ND	ND	ND
Nitrosodi-n-butylamine	NS	ND	ND	ND	ND	ND	ND	ND	ND
2-Methylnaphthalene	36,400	ND	1,600	170	180	ND	ND	ND	ND
1,2,4,5-Tetrachlorobenzene	NS	ND	ND	ND	ND	ND	ND	ND	ND
Pentachlorobenzene	NS	ND	ND	ND	ND	ND	ND	ND	ND
a-Naphthylamine	NS	ND	ND	ND	ND	ND	ND	ND	ND
b-Naphthylamine	NS	ND	ND	ND	ND	ND	ND	ND	ND
Phenacetin	NS	ND	ND	ND	ND	ND	ND	ND	ND
Dimethoate	NS	ND	ND	ND	ND	ND	ND	ND	ND
4-Aminobiphenyl	NS	ND	ND	ND	ND	ND	ND	ND	ND
Pentachloronitrobenzene	NS	ND	ND	ND	ND	ND	ND	ND	ND
Isodrin	NS	ND	ND	ND	ND	ND	ND	ND	ND
p-Dimethylaminoazobenzene	NS	ND	ND	ND	ND	ND	ND	ND	ND
Chlorobenzilate	NS	ND	ND	ND	ND	ND	ND	ND	ND
3-Methylcholanthrene	NS	ND	ND	ND	ND	ND	ND	ND	ND
Ethyl Methanesulfonate	NS	ND	ND	ND	ND	ND	ND	ND	ND
Acetophenone	NS	ND	ND	ND	ND	ND	ND	ND	ND
Nitrosodipiperidine	NS	ND	ND	ND	ND	ND	ND	ND	ND
7,12-Dimethylbenz(a)anthracene	NS	ND	ND	ND	ND	ND	ND	ND	ND
n-Nitrosodimethylamine	NS	ND	ND	ND	ND	ND	ND	ND	ND
2,4,6-Trichlorophenol	NS	ND	ND	ND	ND	ND	ND	ND	ND

TABLE 2
SUMMARY OF SEMIVOLATILE ORGANIC COMPOUNDS IN SOIL
1346 BLONDELL AVENUE
BRONX, NEW YORK

Client ID Lab Sample ID Date Sampled Units	NYSDEC TAGM 4046 RSCO[1] (ppb)	S-1 (1-3') L0608842-01 21-Jun-06 (ppb)	S-2 (2-4') L0608842-02 21-Jun-06 (ppb)	S-3 (4-6') L0608842-03 21-Jun-06 (ppb)	S-4 (2-4') L0608842-04 21-Jun-06 (ppb)	S-5 (5-7') L0608842-05 21-Jun-06 (ppb)	S-6 (1-3') L0608842-06 21-Jun-06 (ppb)	S-7 (6-8') L0608842-07 21-Jun-06 (ppb)	S-8 (4-6') L0608842-08 21-Jun-06 (ppb)
Compound									
p-Chloro-m-cresol	NS	ND	ND	ND	ND	ND	ND	ND	ND
2-Chlorophenol	800	ND	ND	ND	ND	ND	ND	ND	ND
2,4-Dichlorophenol	400	ND	ND	ND	ND	ND	ND	ND	ND
2,4-Dimethylphenol	NS	ND	ND	ND	ND	ND	ND	ND	ND
2-Nitrophenol	330	ND	ND	ND	ND	ND	ND	ND	ND
4-Nitrophenol	100	ND	ND	ND	ND	ND	ND	ND	ND
2,4-Dinitrophenol	200	ND	ND	ND	ND	ND	ND	ND	ND
4,6-Dinitro-o-cresol	NS	ND	ND	ND	ND	ND	ND	ND	ND
Pentachlorophenol	1,000	ND	ND	ND	ND	ND	ND	ND	ND
Phenol	30	ND	ND	ND	ND	ND	ND	ND	ND
2-Methylphenol	100	ND	ND	ND	ND	ND	ND	ND	ND
3-Methylphenol/4-Methylphenol	NS	ND	ND	ND	ND	ND	ND	ND	ND
2,4,5-Trichlorophenol	100	ND	ND	ND	ND	ND	ND	ND	ND
2,6-Dichlorophenol	NS	ND	ND	ND	ND	ND	ND	ND	ND
Benzoic Acid	2,700	ND	ND	ND	ND	ND	ND	ND	ND
Benzyl Alcohol	NS	ND	ND	ND	ND	ND	ND	ND	ND
Carbazole	NS	ND	ND	ND	ND	ND	ND	ND	ND
Pyridine	NS	ND	ND	ND	ND	ND	ND	ND	ND
2-Picoline	NS	ND	ND	ND	ND	ND	ND	ND	ND
Pronamide	NS	ND	ND	ND	ND	ND	ND	ND	ND
Methyl methanesulfonate	NS	ND	ND	ND	ND	ND	ND	ND	ND
2,6-Dimethylnaphthalene	NS	ND	300	97	ND	ND	ND	ND	ND
1-Methylphenanthrene	NS	560	230	54	170	ND	69	ND	85

TABLE 3
SUMMARY OF METAL COMPOUNDS IN SOIL
1346 BLONDELL AVENUE
BRONX, NEW YORK

Client ID Lab Sample ID Date Sampled Units	NYSDEC TAGM 4046 RSCO[1] (ppm)	Eastern US Background[2] (ppm)	S-1 (1-3') L0608842-01 21-Jun-06 (ppm)	S-2 (2-4') L0608842-02 21-Jun-06 (ppm)	S-3 (4-6') L0608842-03 21-Jun-06 (ppm)	S-4 (2-4') L0608842-04 21-Jun-06 (ppm)	S-5 (5-7') L0608842-05 21-Jun-06 (ppm)	S-6 (1-3') L0608842-06 21-Jun-06 (ppm)	S-7 (6-8') L0608842-07 21-Jun-06 (ppm)	S-8 (4-6') L0608842-08 21-Jun-06 (ppm)
Compound										
Antimony	SB	*	ND	ND	ND	ND	ND	ND	ND	ND
Arsenic	7.5 or SB	3 - 12	1	2.5	9.2	10	3.1	ND	8	4.6
Beryllium	0.16 or SB	0 - 1.75	0.38	0.38	0.24	0.28	0.4	0.24	ND	0.26
Cadmium	1 or SB	0.1 - 1	ND	ND	ND	0.87	ND	ND	2.6	ND
Chromium	10 or SB	1.5 - 40	26	24	16	17	26	15	26	15
Copper	25 or SB	1 - 50	28	45	13	83	26	37	61	24
Lead	SB	200-500[3]	18	240	9	2,400	150	3.6	1,100	88
Mercury	0.1	0.001 - 0.2	ND	0.29	ND	0.35	0.16	ND	1.9	0.11
Nickel	13 or SB	0.5 - 25	18	17	16	11	14	10	11	8.8
Selenium	2 or SB	0.1 - 3.9	ND	ND	ND	1.4	ND	ND	1.2	ND
Silver	SB	*	ND	ND	ND	ND	ND	ND	ND	ND
Thallium	SB	*	ND	ND	ND	ND	ND	ND	ND	ND
Zinc	20 or SB	9 - 50	34	570	450	430	160	25	1,900	93

TABLE 4
SUMMARY OF VOLATILE ORGANIC COMPOUNDS IN GROUNDWATER
1346 BLONDELL AVENUE
BRONX, NEW YORK

Client ID Lab Sample ID Date Sampled Units	NYSDEC Class GA Ambient Water Quality Standards[4] (ppb)	S-2 L0608842-12 21-Jun-06 (ppb)	S-3 L0608842-09 21-Jun-06 (ppb)	S-4 L0608842-14 21-Jun-06 (ppb)	S-6 L0608842-10 21-Jun-06 (ppb)	S-8 L0608842-11 21-Jun-06 (ppb)	TRIP BLANK L0608842-13 15-Jun-06 (ppb)
Compound							
Methylene chloride	5	ND	ND	ND	ND	ND	ND
1,1-Dichloroethane	5	ND	ND	ND	ND	ND	ND
Chloroform	7	ND	ND	ND	0.78	ND	ND
Carbon tetrachloride	5	ND	ND	ND	ND	ND	ND
1,2-Dichloropropane	1	ND	ND	ND	ND	ND	ND
Dibromochloromethane	50	ND	ND	ND	ND	ND	ND
1,1,2-Trichloroethane	1	ND	ND	ND	ND	ND	ND
Tetrachloroethene	5	ND	ND	ND	ND	ND	ND
Chlorobenzene	5	ND	ND	ND	ND	ND	ND
Trichlorofluoromethane	5	ND	ND	ND	ND	ND	ND
1,2-Dichloroethane	0.6	ND	ND	ND	ND	ND	ND
1,1,1-Trichloroethane	5	ND	ND	ND	ND	ND	ND
Bromodichloromethane	NS	ND	ND	ND	ND	ND	ND
trans-1,3-Dichloropropene	0.4	ND	ND	ND	ND	ND	ND
cis-1,3-Dichloropropene	0.4	ND	ND	ND	ND	ND	ND
1,1-Dichloropropene	0.4	ND	ND	ND	ND	ND	ND
Bromoform	NS	ND	ND	ND	ND	ND	ND
1,1,2,2-Tetrachloroethane	5	ND	ND	ND	ND	ND	ND
Benzene	1	76	ND	4.5	ND	ND	ND
Toluene	5	120	ND	2.2	ND	ND	ND
Ethylbenzene	5	14	ND	16	ND	ND	ND
Chloromethane	NS	ND	ND	ND	ND	ND	ND
Bromomethane	5	ND	ND	ND	ND	ND	ND
Vinyl chloride	2	ND	ND	ND	ND	ND	ND
Chloroethane	5	ND	ND	ND	ND	ND	ND
1,1-Dichloroethene	5	ND	ND	ND	ND	ND	ND
trans-1,2-Dichloroethene	5	ND	ND	ND	ND	ND	ND
Trichloroethene	5	ND	ND	ND	ND	ND	ND
1,2-Dichlorobenzene	3	ND	ND	ND	ND	ND	ND
1,3-Dichlorobenzene	3	ND	ND	ND	ND	ND	ND
1,4-Dichlorobenzene	3	ND	ND	ND	ND	ND	ND
Methyl tert butyl ether	10	14	41	3	ND	3.7	ND
p/m-Xylene	5	430	ND	64	ND	ND	ND
o-Xylene	5	38	ND	5.7	ND	ND	ND
cis-1,2-Dichloroethene	5	ND	ND	ND	ND	ND	ND
Dibromomethane	5	ND	ND	ND	ND	ND	ND
1,4-Dichlorobutane	NS	ND	ND	ND	ND	ND	ND
Iodomethane	NS	ND	ND	ND	ND	ND	ND
1,2,3-Trichloropropane	0.04	ND	ND	ND	ND	ND	ND

TABLE 4
SUMMARY OF VOLATILE ORGANIC COMPOUNDS IN GROUNDWATER
1346 BLONDELL AVENUE
BRONX, NEW YORK

Client ID Lab Sample ID Date Sampled Units	NYSDEC Class GA Ambient Water Quality Standards[4] (ppb)	S-2 L0608842-12 21-Jun-06 (ppb)	S-3 L0608842-09 21-Jun-06 (ppb)	S-4 L0608842-14 21-Jun-06 (ppb)	S-6 L0608842-10 21-Jun-06 (ppb)	S-8 L0608842-11 21-Jun-06 (ppb)	TRIP BLANK L0608842-13 15-Jun-06 (ppb)
Compound							
Styrene	5	ND	ND	ND	ND	ND	ND
Dichlorodifluoromethane	5	ND	ND	ND	ND	ND	ND
Acetone	50	13	6.9	11	ND	ND	ND
Carbon disulfide	50	ND	ND	ND	ND	ND	ND
2-Butanone	50	ND	ND	ND	ND	ND	ND
Vinyl acetate	NS	ND	ND	ND	ND	ND	ND
4-Methyl-2-pentanone	NS	ND	ND	ND	ND	ND	ND
2-Hexanone	NS	ND	ND	ND	ND	ND	ND
Ethyl methacrylate	NS	ND	ND	ND	ND	ND	ND
Acrolein	5	ND	ND	ND	ND	ND	ND
Acrylonitrile	5	ND	ND	ND	ND	ND	ND
Bromochloromethane	5	ND	ND	ND	ND	ND	ND
Tetrahydrofuran	NS	ND	ND	ND	ND	ND	ND
2,2-Dichloropropane	5	ND	ND	ND	ND	ND	ND
1,2-Dibromoethane	NS	ND	ND	ND	ND	ND	ND
1,3-Dichloropropane	5	ND	ND	ND	ND	ND	ND
1,1,1,2-Tetrachloroethane	5	ND	ND	ND	ND	ND	ND
Bromobenzene	5	ND	ND	ND	ND	ND	ND
n-Butylbenzene	5	6	ND	2.6	ND	ND	ND
sec-Butylbenzene	5	6.8	ND	1.1	ND	ND	ND
tert-Butylbenzene	5	ND	ND	ND	ND	ND	ND
o-Chlorotoluene	5	ND	ND	ND	ND	ND	ND
p-Chlorotoluene	5	ND	ND	ND	ND	ND	ND
1,2-Dibromo-3-chloropropane	0.04	ND	ND	ND	ND	ND	ND
Hexachlorobutadiene	0.5	ND	ND	ND	ND	ND	ND
Isopropylbenzene	5	87	ND	3.4	ND	ND	ND
p-Isopropyltoluene	5	1.4	ND	1	ND	ND	ND
Naphthalene	10	16	ND	27	ND	ND	ND
n-Propylbenzene	5	140	ND	5.6	ND	ND	ND
1,2,3-Trichlorobenzene	5	ND	ND	ND	ND	ND	ND
1,2,4-Trichlorobenzene	5	ND	ND	ND	ND	ND	ND
1,3,5-Trimethylbenzene	5	15	ND	50	ND	ND	ND
1,2,4-Trimethylbenzene	5	ND	ND	140	ND	ND	ND
trans-1,4-Dichloro-2-butene	5	ND	ND	ND	ND	ND	ND
Ethyl ether	NS	ND	ND	ND	ND	ND	ND

TABLE 5
SUMMARY OF SEMIVOLATILE ORGANIC COMPOUNDS IN GROUNDWATER
1346 BLONDELL AVENUE
BRONX, NEW YORK

Client ID Lab Sample ID Date Sampled Units	NYSDEC Class GA Ambient Water Quality Standards[4] (ppb)	S-2 L0608842-12 21-Jun-06 (ppb)	S-3 L0608842-09 21-Jun-06 (ppb)	S-4 L0608842-14 21-Jun-06 (ppb)	S-6 L0608842-10 21-Jun-06 (ppb)	S-8 L0608842-11 21-Jun-06 (ppb)
Compound						
Acenaphthene	20	ND	ND	ND	ND	ND
Benzidine	5	ND	ND	ND	ND	ND
1,2,4-Trichlorobenzene	5	ND	ND	ND	ND	ND
Hexachlorobenzene	0.04	ND	ND	ND	ND	ND
Bis(2-chloroethyl)ether	1	ND	ND	ND	ND	ND
1-Chloronaphthalene	NS	ND	ND	ND	ND	ND
2-Chloronaphthalene	NS	ND	ND	ND	ND	ND
1,2-Dichlorobenzene	3	ND	ND	ND	ND	ND
1,3-Dichlorobenzene	3	ND	ND	ND	ND	ND
1,4-Dichlorobenzene	3	ND	ND	ND	ND	ND
3,3'-Dichlorobenzidine	5	ND	ND	ND	ND	ND
2,4-Dinitrotoluene	5	ND	ND	ND	ND	ND
2,6-Dinitrotoluene	5	ND	ND	ND	ND	ND
Azobenzene	5	ND	ND	ND	ND	ND
Fluoranthene	50	0.49	ND	ND	0.26	0.29
4-Chlorophenyl phenyl ether	NS	ND	ND	ND	ND	ND
4-Bromophenyl phenyl ether	NS	ND	ND	ND	ND	ND
Bis(2-chloroisopropyl)ether	NS	ND	ND	ND	ND	ND
Bis(2-chloroethoxy)methane	5	ND	ND	ND	ND	ND
Hexachlorobutadiene	0.5	ND	ND	ND	ND	ND
Hexachlorocyclopentadiene	5	ND	ND	ND	ND	ND
Hexachloroethane	5	ND	ND	ND	ND	ND
Isophorone	50	ND	ND	ND	ND	ND
Naphthalene	10	6.5	ND	15	ND	ND
Nitrobenzene	0.4	ND	ND	ND	ND	ND
NDPA/DPA	NS	ND	ND	ND	ND	ND
n-Nitrosodi-n-propylamine	NS	ND	ND	ND	ND	ND
Bis(2-ethylhexyl)phthalate	5	ND	ND	ND	ND	ND
Butyl benzyl phthalate	50	ND	ND	ND	ND	ND
Di-n-butylphthalate	50	ND	ND	ND	ND	ND
Di-n-octylphthalate	50	ND	ND	ND	ND	ND
Diethyl phthalate	50	ND	ND	ND	ND	ND
Dimethyl phthalate	50	ND	ND	ND	ND	ND
Benzo(a)anthracene	0.002	ND	ND	ND	ND	ND
Benzo(a)pyrene	0.002(ND)	ND	ND	ND	ND	ND
Benzo(b)fluoranthene	0.002	ND	ND	ND	ND	ND
Benzo(k)fluoranthene	0.002	ND	ND	ND	ND	ND
Chrysene	0.002	ND	ND	ND	ND	ND
Acenaphthylene	20	ND	ND	ND	ND	ND

TABLE 5
SUMMARY OF SEMIVOLATILE ORGANIC COMPOUNDS IN GROUNDWATER
1346 BLONDELL AVENUE
BRONX, NEW YORK

Client ID Lab Sample ID Date Sampled Units	NYSDEC Class GA Ambient Water Quality Standards[4] (ppb)	S-2 L0608842-12 21-Jun-06 (ppb)	S-3 L0608842-09 21-Jun-06 (ppb)	S-4 L0608842-14 21-Jun-06 (ppb)	S-6 L0608842-10 21-Jun-06 (ppb)	S-8 L0608842-11 21-Jun-06 (ppb)
Compound						
Anthracene	50	ND	ND	ND	ND	ND
Benzo(ghi)perylene	5	ND	ND	ND	ND	ND
Fluorene	50	ND	ND	ND	ND	ND
Phenanthrene	50	0.69	ND	0.25	0.34	0.21
Dibenzo(a,h)anthracene	50	ND	ND	ND	ND	ND
Indeno(1,2,3-cd)Pyrene	0.002	ND	ND	ND	ND	ND
Pyrene	50	0.29	ND	ND	0.27	0.28
Benzo(e)Pyrene	NS	ND	ND	ND	ND	ND
Biphenyl	5	ND	ND	ND	ND	ND
Perylene	NS	ND	ND	ND	ND	ND
Aniline	5	ND	ND	ND	ND	ND
4-Chloroaniline	5	ND	ND	ND	ND	ND
1-Methylnaphthalene	NS	2.4	0.33	6.2	ND	ND
2-Nitroaniline	5	ND	ND	ND	ND	ND
3-Nitroaniline	5	ND	ND	ND	ND	ND
4-Nitroaniline	5	ND	ND	ND	ND	ND
Dibenzofuran	5	ND	ND	ND	ND	ND
a,a-Dimethylphenethylamine	5	ND	ND	ND	ND	ND
Hexachloropropene	5	ND	ND	ND	ND	ND
Nitrosodi-n-butylamine	NS	ND	ND	ND	ND	ND
2-Methylnaphthalene	50	2.3	0.24	9.4	ND	ND
1,2,4,5-Tetrachlorobenzene	5	ND	ND	ND	ND	ND
Pentachlorobenzene	5	ND	ND	ND	ND	ND
a-Naphthylamine	NS	ND	ND	ND	ND	ND
b-Naphthylamine	NS	ND	ND	ND	ND	ND
Phenacetin	NS	ND	ND	ND	ND	ND
Dimethoate	NS	ND	ND	ND	ND	ND
4-Aminobiphenyl	5	ND	ND	ND	ND	ND
Pentachloronitrobenzene	5	ND	ND	ND	ND	ND
Isodrin	5	ND	ND	ND	ND	ND
p-Dimethylaminoazobenzene	NS	ND	ND	ND	ND	ND
Chlorobenzilate	NS	ND	ND	ND	ND	ND
3-Methylcholanthrene	NS	ND	ND	ND	ND	ND
Ethyl Methanesulfonate	NS	ND	ND	ND	ND	ND
Acetophenone	NS	ND	ND	ND	ND	ND
Nitrosodipiperidine	NS	ND	ND	ND	ND	ND
7,12-Dimethylbenz(a)anthracene	NS	ND	ND	ND	ND	ND
n-Nitrosodimethylamine	NS	ND	ND	ND	ND	ND
2,4,6-Trichlorophenol	NS	ND	ND	ND	ND	ND

TABLE 5
SUMMARY OF SEMIVOLATILE ORGANIC COMPOUNDS IN GROUNDWATER
1346 BLONDELL AVENUE
BRONX, NEW YORK

Client ID Lab Sample ID Date Sampled Units	NYSDEC Class GA Ambient Water Quality Standards[4] (ppb)	S-2 L0608842-12 21-Jun-06 (ppb)	S-3 L0608842-09 21-Jun-06 (ppb)	S-4 L0608842-14 21-Jun-06 (ppb)	S-6 L0608842-10 21-Jun-06 (ppb)	S-8 L0608842-11 21-Jun-06 (ppb)
Compound						
p-Chloro-m-cresol	NS	ND	ND	ND	ND	ND
2-Chlorophenol	50	ND	ND	ND	ND	ND
2,4-Dichlorophenol	5	ND	ND	ND	ND	ND
2,4-Dimethylphenol	1**	ND	ND	ND	ND	ND
2-Nitrophenol	5	ND	ND	ND	ND	ND
4-Nitrophenol	5	ND	ND	ND	ND	ND
2,4-Dinitrophenol	5	ND	ND	ND	ND	ND
4,6-Dinitro-o-cresol	NS	ND	ND	ND	ND	ND
Pentachlorophenol	1	ND	ND	ND	ND	ND
Phenol	1	ND	ND	ND	ND	ND
2-Methylphenol	5	ND	ND	ND	ND	ND
3-Methylphenol/4-Methylphenol	50	ND	ND	ND	ND	ND
2,4,5-Trichlorophenol	1	ND	ND	ND	ND	ND
2,6-Dichlorophenol	1**	ND	ND	ND	ND	ND
Benzoic Acid	NS	ND	ND	ND	ND	ND
Benzyl Alcohol	NS	ND	ND	ND	ND	ND
Carbazole	NS	ND	ND	ND	ND	ND
Pyridine	NS	ND	ND	ND	ND	ND
2-Picoline	NS	ND	ND	ND	ND	ND
Pronamide	NS	ND	ND	ND	ND	ND
Methyl methanesulfonate	NS	ND	ND	ND	ND	ND
2,6-Dimethylnaphthalene	NS	0.26	ND	0.7	ND	ND
1-Methylphenanthrene	NS	ND	ND	ND	ND	ND

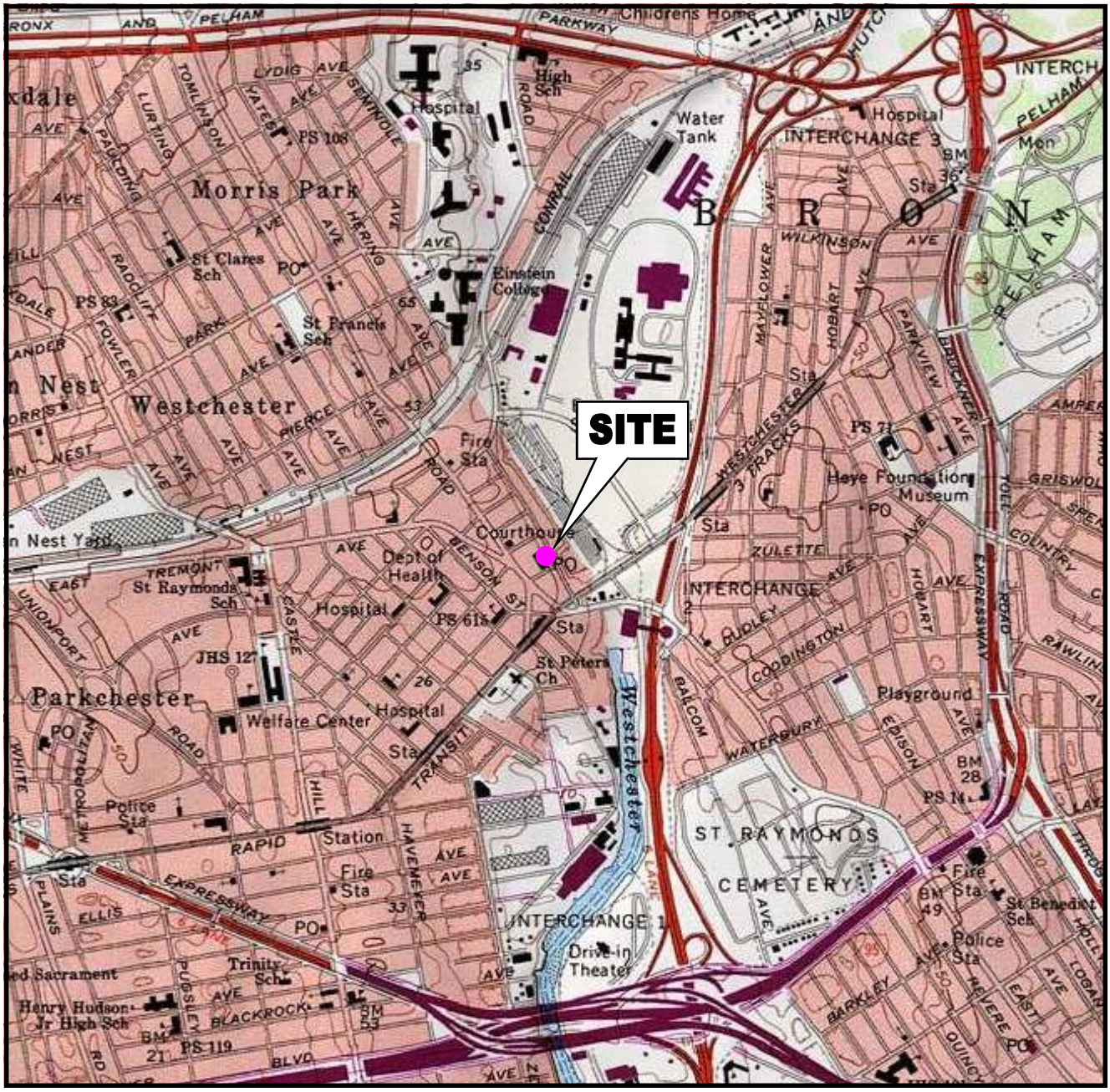
TABLE 6
SUMMARY OF TOTAL METAL COMPOUNDS IN GROUNDWATER
1346 BLONDELL AVENUE
BRONX, NEW YORK

Client ID Lab Sample ID Date Sampled Units	NYSDEC Class GA Ambient Water Quality Standards[4] (ppm)	S-3 L0608842-09 21-Jun-06 (ppm)	S-6 L0608842-10 21-Jun-06 (ppm)	S-8 L0608842-11 21-Jun-06 (ppm)	S-2 L0608842-12 21-Jun-06 (ppm)	S-4 L0608842-14 21-Jun-06 (ppm)
Compound						
Antimony, Total	0.003	ND	ND	ND	ND	ND
Arsenic, Total	0.025	0.081	0.011	0.135	0.01	0.347
Beryllium, Total	NS	0.021	0.012	0.014	ND	0.078
Cadmium, Total	0.005	0.018	0.013	0.113	ND	0.086
Chromium, Total	0.05	0.68	0.65	1	0.17	3.5
Copper, Total	0.2	1.5	2.8	7.8	0.21	8.5
Lead, Total	0.025	1.98	0.339	40.2	0.106	40.1
Mercury, Total	0.0007	0.0052	0.0009	0.058	ND	0.0276
Nickel, Total	0.1	0.609	0.513	0.653	0.145	4.03
Selenium, Total	0.01	ND	ND	ND	ND	ND
Silver, Total	0.05	ND	ND	0.008	ND	ND
Thallium, Total	NS	ND	ND	ND	ND	ND
Zinc, Total	NS	4.1	1.6	38	0.25	14

TABLE 7
SUMMARY OF DISSOLVED METAL COMPOUNDS IN GROUNDWATER
1346 BLONDELL AVENUE
BRONX, NEW YORK

Client ID **Lab Sample ID** **Date Sampled** **Units**	**NYSDEC Class GA Ambient Water Quality Standards[4] (ppm)**	**S-3** **L0608842-09** **21-Jun-06** **(ppm)**	**S-6** **L0608842-10** **21-Jun-06** **(ppm)**	**S-8** **L0608842-11** **21-Jun-06** **(ppm)**	**S-2** **L0608842-12** **21-Jun-06** **(ppm)**	**S-4** **L0608842-14** **21-Jun-06** **(ppm)**
Compound						
Antimony, Dissolved	0.003	ND	ND	ND	ND	ND
Arsenic, Dissolved	0.025	ND	ND	ND	ND	ND
Beryllium, Dissolved	NS	ND	ND	ND	ND	ND
Cadmium, Dissolved	0.005	ND	ND	ND	ND	ND
Chromium, Dissolved	0.05	ND	0.01	ND	ND	ND
Copper, Dissolved	0.2	ND	ND	ND	ND	ND
Lead, Dissolved	0.025	ND	ND	ND	ND	ND
Mercury, Dissolved	0.0007	ND	ND	ND	ND	ND
Nickel, Dissolved	0.1	ND	ND	ND	ND	ND
Selenium, Dissolved	0.01	ND	ND	ND	ND	ND
Silver, Dissolved	0.05	ND	ND	ND	ND	ND
Thallium, Dissolved	NS	ND	ND	ND	ND	ND
Zinc, Dissolved	NS	ND	ND	ND	ND	ND

FIGURES



QUADRANGLE

SCALE IN FEET

0’ 1000’ 2000’ 4000’

SCALE: 1”=2000’

N

SOURCE:

USGS TOPOGRAPHIC MAP - FLUSHING, N.Y.
QUADRANGLE - DATED 1969, PHOTOREVISED 1979

1346 Blondell Avenue
Bronx, New York

PROJECT SITE LOCATION

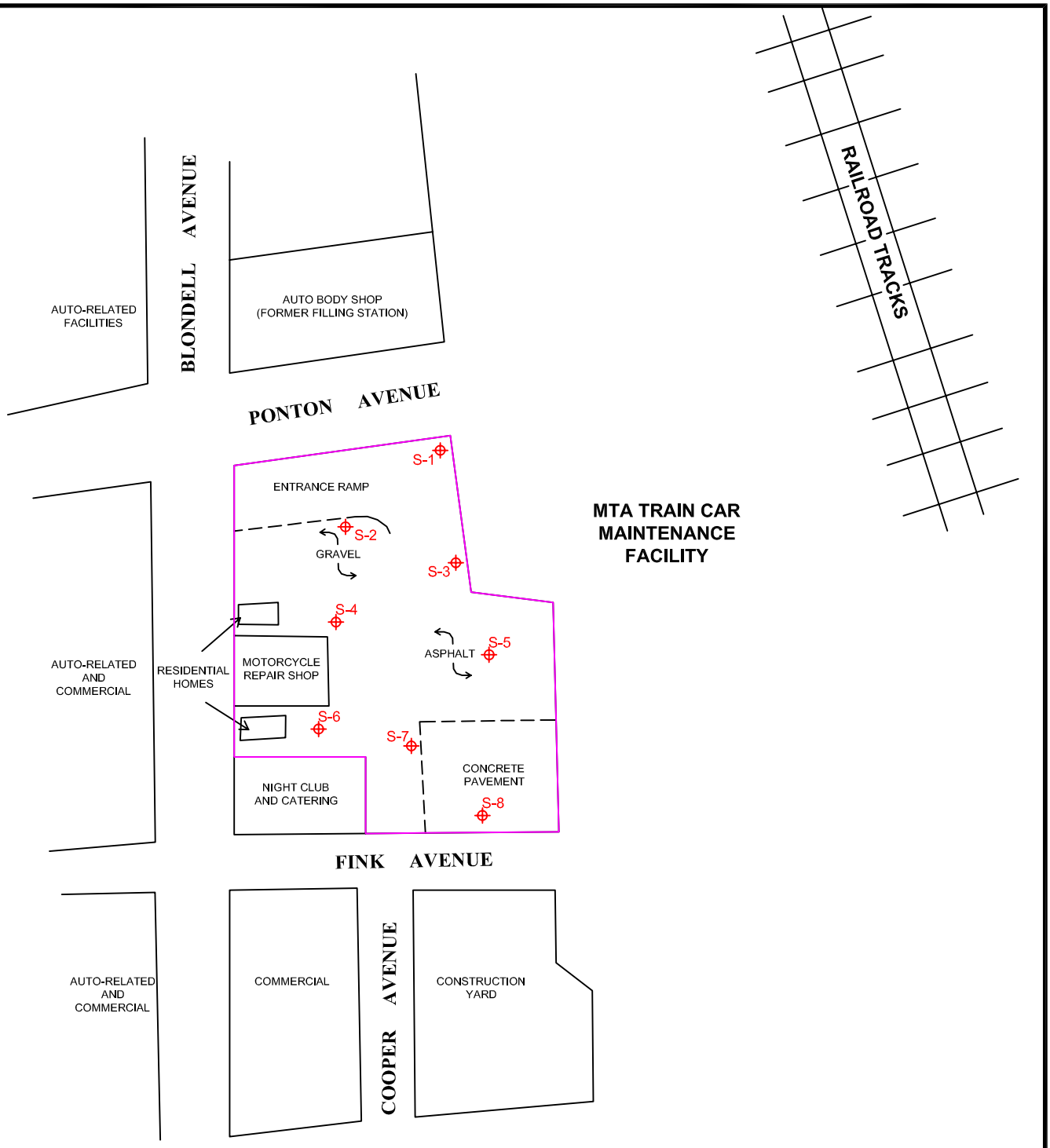
AKRF, Inc.

Environmental Consultants
440 Park Avenue South, New York, N.Y. 10016

DATE
01.25.06

PROJECT No.
10735

FIGURE No.
1



1346 Blondell Avenue
Bronx, New York

PROJECT SITE DETAIL

AKRF
Environmental Consultants
440 Park Avenue South, New York, N.Y. 10016

DATE 07.03.06
PROJECT No. 10735-002
SCALE 1" = 100'
FIGURE No. 2

APPENDIX A
SOIL BORING LOGS

AKRF, Inc.

Environmental Consultants

440 Park Avenue South, New York, NY 10016

1346 Blondell Avenue, Bronx, New York

AKRF Project Number : 10735

Boring No. S-1

Sheet 1 of 1

		Drilling	
Drilling Method:	Direct Push Probe	**Start**	**Finish**
Sampling Method:	Macrocore	**Time:** 8:40	**Time:** 9:00
Driller :	Zebra	**Date:** 6/21/06	**Date:** 6/21/06
Weather:	Sunny/ 85 degrees		
Sampler:	AKRF/ Jessica Leber		

Depth (feet)	Recovery (Inches)	Sample Location	PID Reading (ppm)	**Surface Condition:**
1 2 3 4	24"	S-1 (1'-3') 8:50 AM	ND	Top 3": Fine GRAVEL and black SAND. Middle 15": Dark brown SAND and fine fine GRAVEL, little Concrete, Wood. Slight petroleum-like odor (Dry) (FILL). Bottom 6": Light brown SAND and fine GRAVEL. No odor (Dry).
5 6 7 8	36"		ND 0.9	Top 8": Brown fine GRAVEL, some Sand, little Brick, Concrete. Bottom 28": Brown and grey organic SILT, little Sand, trace fine Gravel, and Roots. Slight odor - possibly organic. Wet at 6' below grade. End of boring at 8' below grade

Notes: **ND - Not Detected**

AKRF, Inc.

Environmental Consultants

440 Park Avenue South, New York, NY 10016

1346 Blondell Avenue, Bronx, New York

AKRF Project Number : 10735

Boring No. S-2

Sheet 1 of 1

Drilling Method:	Direct Push Probe
Sampling Method:	Macrocore
Driller :	Zebra
Weather:	Sunny/ 85 degrees
Sampler:	AKRF/ Jessica Leber

Drilling

Start	**Finish**
Time: 11:15	**Time:** 12:00
Date: 6/21/06	**Date:** 6/21/06

Depth (feet)	Recovery (Inches)	Sample Location	PID Reading (ppm)	
				Surface Condition: Concrete
1	36"	S-2 (2'-4') 11:30 AM	ND	Top 2" - STONE
2			ND	Middle 8": CONCRETE
3			1,232	Bottom 26": Black SAND and fine GRAVEL, little Ash, Concrete, Rock, Brick (FILL). Strong sharp-sweet odor, slight petroleum-like or solvent-like.
4			50	
5	38"	S-2 (Water) 11:45 AM	250	Top 6": Black fine to coarse SAND and fine GRAVEL, little Ash, Concrete, Rock, Brick (FILL). Strong sharp-sweet odor, slight petroleum-like or solvent-like. (Dry)
6			10	Bottom 32": Brown SILT, trace Clay, fine Gravel. Slight petroleum-like odor. (Wet)
7				End of boring at 12' below grade
8				

Notes: **ND - Not Detected**

AKRF, Inc.

Environmental Consultants

440 Park Avenue South, New York, NY 10016

1346 Blondell Avenue, Bronx, New York

AKRF Project Number : 10735

Boring No. S-3

Sheet 1 of 1

		Drilling	
Drilling Method:	Direct Push Probe	**Start**	**Finish**
Sampling Method:	Macrocore	**Time:** 8:00	**Time:** 8:30
Driller :	Zebra	**Date:** 6/21/06	**Date:** 6/21/06
Weather:	Sunny/ 85 degrees		
Sampler:	AKRF/ Jessica Leber		

Depth (feet)	Recovery (Inches)	Sample Location	PID Reading (ppm)	
				Surface Condition: Asphalt
1	38"		63.9	Top 4": Asphalt slag Bottom 34": Black SAND and fine GRAVEL, little Concrete, Brick (FILL). Petroleum-like odor. (Dry)
2				
3			34.5	
4				
5	42"	S-3 (4'-6') 8:20 AM	90.0	Top 21": Black fine to coarse SAND and fine GRAVEL, trace Concrete. Strong petroleum-like odor. (Dry) Bottom 21": Black and dark brown SILT (some black staining toward the bottom), trace fine Sand, Clay, fine Gravel. Slight petroleum odor. Wet at 6' below grade.
6			1.9	
7				
8				
9	48"		0.9	Top 40": Dark brown SILT, little Clay, trace fine Gravel. Slight staining; no significant odor. (Wet)
10			ND	Bottom 8": Light brown SILT, some Sand, fine Gravel. (Wet)
11				End of boring at 12' below grade
12				

Notes: **ND - Not Detected**

AKRF, Inc.

Environmental Consultants

440 Park Avenue South, New York, NY 10016

1346 Blondell Avenue, Bronx, New York

AKRF Project Number : 10735

Boring No. S-4

Sheet 1 of 1

Drilling Method:	Direct Push Probe
Sampling Method:	Macrocore
Driller :	Zebra
Weather:	Sunny/ 85 degrees
Sampler:	AKRF/ Jessica Leber

Drilling	
Start	**Finish**
Time: 9:00	**Time:** 9:30
Date: 6/21/06	**Date:** 6/21/06

Depth (feet)	Recovery (Inches)	Sample Location	PID Reading (ppm)	**Surface Condition:**
1	36"	S-4 (2'-4') 9:10 AM	11.6	Top 12": Brown and white fine to coarse SAND and fine GRAVEL, trace Concrete. (Dry) (FILL)
2			28	Bottom 24": Black fine to coarse SAND and fine GRAVEL, little Concrete, Brick and Ash. Petroleum-like odor. (FILL)
3				
4				
5	48"	S-4 (Water) 9:20 AM	ND	Top 8": Black SAND and fine GRAVEL, little Concrete, Brick, Ash. Petroleum-like odor. (FILL)
6			0.9	Middle 32": Dark brown and grey organic SILT, some Clay. No odor. Wet at 6' below grade
7				
8			ND	Bottom 8": Brown fine to medium SAND, some fine Gravel (Wet)
9	48"		ND	Brown SAND, some fine Gravel. No odor. (Wet)
10				
11				End of boring at 12' below grade
12				

Notes: **ND - Not Detected**

AKRF, Inc.

Environmental Consultants

440 Park Avenue South, New York, NY 10016

1346 Blondell Avenue, Bronx, New York

AKRF Project Number : 10735

Boring No. S-5

Sheet 1 of 1

		Drilling	
Drilling Method:	Direct Push Probe		
Sampling Method:	Macrocore	**Start**	**Finish**
Driller :	Zebra	**Time:** 9:30	**Time:** 10:00
Weather:	Sunny/ 85 degrees	**Date:** 6/21/06	**Date:** 6/21/06
Sampler:	AKRF/ Jessica Leber		

Depth (feet)	Recovery (Inches)	Sample Location	PID Reading (ppm)	**Surface Condition:**
1	24"		ND	Top 2": ASPHALT
2				Bottom 22": Black and dark brown fine to coarse SAND and fine GRAVEL, little Concrete, Rock, Glass, trace Wood. No odor. (Dry) (FILL)
3				
4				
5	36"	S-5 (5'-7') 9:40 AM	ND	Top 6": Black and dark brown fine to coarse SAND and fine GRAVEL, little Concrete, Rock, Glass, trace Wood. No odor. (Dry) (FILL)
6			ND	Middle 12": Brown fine GRAVEL, some Sand, trace shell fragments. No odor. (Wet)
7			ND	Bottom 18": Brown SILT, little Clay, fine Gravel. No odor. (Wet)
8				End of boring at 8' below grade

Notes: **ND - Not Detected**

AKRF, Inc.

Environmental Consultants

440 Park Avenue South, New York, NY 10016

1346 Blondell Avenue, Bronx, New York

AKRF Project Number : 10735

Boring No. S-6

Sheet 1 of 1

Drilling Method:	Direct Push Probe
Sampling Method:	Macrocore
Driller :	Zebra
Weather:	Sunny/ 85 degrees
Sampler:	AKRF/ Jessica Leber

Drilling

Start	**Finish**
Time: 11:00	**Time:** 11:15
Date: 6/21/06	**Date:** 6/21/06

Depth (feet)	Recovery (Inches)	Sample Location	PID Reading (ppm)	**Surface Condition:** Concrete
1 2 3 4	24"	S-6 (1'-3') 11:00 AM	ND	Top 8": CONCRETE Bottom 16": Brown SAND, some fine Gravel, little Silt. No odor. (Dry)
5 6 7 8	48"	S-6 (Water) 11:15 AM	ND	SAND, some fine Gravel (micaceous rock). Rock at 2" (Dry)
9	2"		ND	Top 2": SILT (Wet) Refusal below 9' on rock or obstruction. End of boring at 9' below grade

Notes: **ND - Not Detected**

AKRF, Inc.

Environmental Consultants

440 Park Avenue South, New York, NY 10016

1346 Blondell Avenue, Bronx, New York

AKRF Project Number : 10735

Boring No. S-7

Sheet 1 of 1

		Drilling	
Drilling Method:	Direct Push Probe	**Start**	**Finish**
Sampling Method:	Macrocore	**Time:** 10:25	**Time:** 10:50
Driller :	Zebra	**Date:** 6/21/06	**Date:** 6/21/06
Weather:	Sunny/ 85 degrees		
Sampler:	AKRF/ Jessica Leber		

Depth (feet)	Recovery (Inches)	Sample Location	PID Reading (ppm)	
				Surface Condition: Asphalt
1 2 3 4	22"		ND	Top 2": ASPHALT Middle 8": CONCRETE Bottom 12": Brown SAND and fine GRAVEL, little Concrete, Brick. (FILL) (Dry)
5 6 7 8	36"	S-7 (6'-8') 10:45 AM	ND 24	Top 12": Dry fince to coarse SAND and fine GRAVEL. No odor. Bottom 24": Brown SAND, some Silt, fine Gravel. Petroleum-like odor. (Wet) End of boring at 8' below grade

Notes: **ND - Not Detected**

AKRF, Inc.

Environmental Consultants

440 Park Avenue South, New York, NY 10016

1346 Blondell Avenue, Bronx, New York

AKRF Project Number : 10735

Boring No. S-8

Sheet 1 of 1

Drilling Method:	Direct Push Probe
Sampling Method:	Macrocore
Driller :	Zebra
Weather:	Sunny/ 85 degrees
Sampler:	AKRF/ Jessica Leber

Drilling	
Start	**Finish**
Time: 10:00	**Time:** 10:25
Date: 6/21/06	**Date:** 6/21/06

Depth (feet)	Recovery (Inches)	Sample Location	PID Reading (ppm)	**Surface Condition:** Concrete
1 2 3 4	30"		ND	Top 8": CONCRETE Bottom 22": Brown and white SAND and fine GRAVEL, little Concrete, Crushed Rock. No odor. (Dry)
5 6 7 8	40"	S-8 (4'-6') 10:00 AM S-8 (Water) 10:10 AM	ND	Top 12": Brown and white fine to coarse SAND and fine GRAVEL, little Concrete and Crushed Rock. No odor. (Dry) Middle 6": CONCRETE Bottom 18": Brown and black SILT and SAND, some fine Gravel. No odor. (Wet)
9 10 11 12	36"		ND	Top 12": Brown SAND and fine GRAVEL, trace Brick. (FILL) Middle 18": Dark brown SILT, some SAND, trace fine Gravel. (Moist) Bottom 6": PEAT. No odor. (Moist)

Notes: **ND - Not Detected**

APPENDIX B

LABORATORY ANALYTICAL DATA SHEETS

ALPHA ANALYTICAL LABORATORIES

Eight Walkup Drive
Westborough, Massachusetts 01581-1019
(508) 898-9220 www.alphalab.com

MA:M-MA086 NH:200301-A CT:PH-0574 ME:MA086 RI:65 NY:11148 NJ:MA935 Army:USACE

CERTIFICATE OF ANALYSIS

Client: AKRF, Inc.

Address: 440 Park Avenue South

New York, NY 10016

Attn: Mr. Axel Schwendt

Project Number: 10735

Site: 1346 BLONDELL AVE.

Laboratory Job Number: L0608842

Date Received: 22-JUN-2006

Date Reported: 30-JUN-2006

Delivery Method: Alpha

ALPHA SAMPLE NUMBER	CLIENT IDENTIFICATION	SAMPLE LOCATION
L0608842-01	S-1 (1-3')	BRONX
L0608842-02	S-2 (2-4')	BRONX
L0608842-03	S-3 (4-6')	BRONX
L0608842-04	S-4 (2-4')	BRONX
L0608842-05	S-5 (5-7')	BRONX
L0608842-06	S-6 (1-3')	BRONX
L0608842-07	S-7 (6-8')	BRONX
L0608842-08	S-8 (4-6')	BRONX
L0608842-09	S-3	BRONX
L0608842-10	S-6	BRONX
L0608842-11	S-8	BRONX
L0608842-12	S-2	BRONX
L0608842-13	TRIP BLANK	BRONX
L0608842-14	S-4	BRONX

I, the undersigned, attest under the pains and penalties of perjury that, based upon my personal inquiry of those responsible for obtaining the information, the material contained in this report is, to the best of my knowledge and belief, accurate and complete. This certificate of analysis is not complete unless this page accompanies any and all pages of this report.

Authorized by: Douglas Sheehy
Technical Director

ALPHA ANALYTICAL LABORATORIES
NARRATIVE REPORT

Laboratory Job Number: L0608842

The samples were received in accordance with the chain of custody and no significant deviations were encountered during preparation or analysis unless otherwise noted below.

Metals

L0608842-01, 02, 03, 05, 06, 08 were diluted 2X for the analysis of Tl. The dilution was necessary because of spectral interferences encountered during the analysis.

L0608842-02 and -03 were diluted 2X for the analysis of Zn. The dilution was necessary to quantitate the sample within the linear range of the instrument.

L0608842-07 has an elevated limit of detection for Hg due to the 2x dilution required to quantitate the sample within the calibration curve.

L0608842-07 was diluted 10 X for the analysis of Zn. The dilution was necessary to quantitate the sample within the linear range of the instrument.

L0608842-09 and -11 were diluted 5X for the analysis of Tl. The dilution was necessary because of spectral interferences encountered during the analysis.

L0608842-10 and -14 were diluted 2X for the analysis of Tl. The dilution was necessary because of spectral interferences encountered during the analysis.

L0608842-11 has an elevated limit of detection due to the 10x dilution required to quantitate the sample within the calibration curve.

The sample and the WG244139-1 Na duplicate are less than 5X the element's RL. The RPD for this element is valid.

Semi-Volatile Organics

L0608842-01:

The requested limits were not achieved for the following compounds: Nitrobenzene, Aniline, 4-Chloroaniline, 2,4-Dichlorophenol, 2-Nitrophenol, 4-Nitrophenol, 2,4-Dinitrophenol, Phenol, 2-Methylphenol and 2,4,5-Trichlorophenol.

L0608842-09, -10,-11,-12 and -14:

The requested limits were not achieved for Nitrobenzene, Aniline, 4-Chloroaniline, 2,4-Dichlorophenol, 2-Nitrophenol, 4-Nitrophenol, 2,4-Dinitrophenol, Phenol, 2-Methylphenol, 2,4,5-Trichlorophenol.

The following samples have elevated limits of detection due to the dilutions required by the elevated concentrations of target compounds in the samples:

L0608842-01 (5X)

L0608842-02 (2x)

The WG244098 LCS has a high recovery for 2,4-Dinitrotoluene.

The WG244098 MS has a low recovery for 2,4-Dinitrophenol and a high recovery for 2,4-

---

Dinitrotoluene.

The WG244098 MSD has low recoveries for Hexachloropropene and 2,4-Dinitrophenol. The unacceptable percent recoveries are attributed to sample matrix.

The WG244291-LCS has a high recovery for 2,4-Dinitrotoluene.

The WG244291 MS has high recoveries for 4-Nitrophenol and 2,4-Dinitrotoluene.

The WG244731 LCS has a high recovery for 2,4-Dinitrotoluene.

The WG244731 MS has a low recovery for 2,4-Dinitrophenol.

The WG244731 MSD has a low recovery for 2,4-Dinitrophenol.

PAH-LOW

The requested limits were not achieved for Benzo(b)fluoranthene, Benzo(k)fluoranthene and Chrysene on L0608842-01, and -03 through -08.

The requested limits were not achieved for Benzo(a)anthracene, Benzo(a)pyrene, Benzo(b)fluoranthene, Benzo(k)fluoranthene, Chrysene and Indeno(1,2,3-cd)pyrene on L0608842-09,-10, -11,-12 and -14.

The following samples have elevated limits of detection due to the dilutions required by the elevated concentrations of target compounds in the samples:

L0608842-01 (20x)

L0608842-04 (5x)

L0608842-08 (5x)

The following samples have elevated limits of detection due to analytical dilutions required by the matrix of the samples:

L0608842-02 (10x)

L0608842-07 (2x)

The WG244101 MS and MSD were not analyzed because the dilution required by the associated sample which would cause the spike compounds and surrogates to be diluted below the calibration.

Volatile Organics

Re-analysis on dilution was required in order to quantitate the sample within the range of the calibration. The result is reported as a greater than value for the compound that exceeded the calibration on the initial analysis. The re-analysis was performed only for the compound which exceeded the range of the calibration. The dilution is as follows:

L0608842-02 (1000X)

L0608842-03 (2X)

L0608842-04 (20X)

L0608842-12 (10x)

L0608842-14 (4x) pH>2

L0608842-12 has elevated limits of detection due to the 2x dilutions required by the elevated concentrations of target compounds in the sample.

L0608842-02 Concentration of target analyte n-Butylbenzene should be considered estimated in diluted run due to co-elution with non-target compounds. This compound was not detected in initial run due to high concentration of non-target compounds.

L0608842-02 Concentration of target analyte isopropyl benzene should be considered estimated in initial run - it exceeds upper limit of Initial Calibration curve. It was not detected in diluted run due dilutions necessary to quantitate high concentration target compounds.

L0608842-03, 04 Concentration of target analyte n-Butylbenzene should be considered estimated due to co-elution with non-target compounds.

L0608842-14 has a pH of >2.

ALPHA ANALYTICAL LABORATORIES
CERTIFICATE OF ANALYSIS

MA:M-MA086 NH:200301-A CT:PH-0574 ME:MA086 RI:65 NY:11148 NJ:MA935 Army:USACE

Laboratory Sample Number: L0608842-01
S-1 (1-3')
Sample Matrix: SOIL

Date Collected: 21-JUN-2006 08:50
Date Received : 22-JUN-2006
Date Reported : 30-JUN-2006

Condition of Sample: Satisfactory

Field Prep: None

Number & Type of Containers: 2-Amber,1-Vial

PARAMETER	RESULT	UNITS	RDL	REF	METHOD	DATE PREP	DATE ANAL	ID
Solids, Total	85	%	0.10	30	2540G		0623 17:28	PD
Total Metals				1	3051			
Antimony, Total	ND	mg/kg	2.3	1	6010B	0623 12:30	0624 21:39	MG
Arsenic, Total	1.0	mg/kg	0.47	1	6010B	0623 12:30	0624 21:39	MG
Beryllium, Total	0.38	mg/kg	0.23	1	6010B	0623 12:30	0624 21:39	MG
Cadmium, Total	ND	mg/kg	0.47	1	6010B	0623 12:30	0624 21:39	MG
Chromium, Total	26	mg/kg	0.47	1	6010B	0623 12:30	0624 21:39	MG
Copper, Total	28	mg/kg	0.47	1	6010B	0623 12:30	0624 21:39	MG
Lead, Total	18	mg/kg	2.3	1	6010B	0623 12:30	0624 21:39	MG
Mercury, Total	ND	mg/kg	0.10	1	7471A	0626 21:00	0627 19:08	HG
Nickel, Total	18	mg/kg	1.2	1	6010B	0623 12:30	0624 21:39	MG
Selenium, Total	ND	mg/kg	0.93	1	6010B	0623 12:30	0624 21:39	MG
Silver, Total	ND	mg/kg	0.47	1	6010B	0623 12:30	0624 21:39	MG
Thallium, Total	ND	mg/kg	0.93	1	6010B	0623 12:30	0628 11:57	MG
Zinc, Total	34	mg/kg	2.3	1	6010B	0623 12:30	0624 21:39	MG
Volatile Organics by GC/MS 8260				1	8260B		0626 18:49	PD
Methylene chloride	ND	ug/kg	29.					
1,1-Dichloroethane	ND	ug/kg	4.4					
Chloroform	ND	ug/kg	4.4					
Carbon tetrachloride	ND	ug/kg	2.9					
1,2-Dichloropropane	ND	ug/kg	10.					
Dibromochloromethane	ND	ug/kg	2.9					
1,1,2-Trichloroethane	ND	ug/kg	4.4					
Tetrachloroethene	ND	ug/kg	2.9					
Chlorobenzene	ND	ug/kg	2.9					
Trichlorofluoromethane	ND	ug/kg	15.					
1,2-Dichloroethane	ND	ug/kg	2.9					
1,1,1-Trichloroethane	ND	ug/kg	2.9					
Bromodichloromethane	ND	ug/kg	2.9					
trans-1,3-Dichloropropene	ND	ug/kg	2.9					
cis-1,3-Dichloropropene	ND	ug/kg	2.9					
1,1-Dichloropropene	ND	ug/kg	15.					
Bromoform	ND	ug/kg	12.					
1,1,2,2-Tetrachloroethane	ND	ug/kg	2.9					
Benzene	ND	ug/kg	2.9					
Toluene	ND	ug/kg	4.4					

Comments: Complete list of References and Glossary of Terms found in Addendum I

ALPHA ANALYTICAL LABORATORIES
CERTIFICATE OF ANALYSIS

Laboratory Sample Number: L0608842-01
S-1 (1-3')

PARAMETER	RESULT	UNITS	RDL	REF	METHOD	DATE PREP	DATE ANAL	ID
Volatile Organics by GC/MS 8260 cont'd				1	8260B		0626 18:49	PD
Ethylbenzene	ND	ug/kg	2.9					
Chloromethane	ND	ug/kg	15.					
Bromomethane	ND	ug/kg	5.9					
Vinyl chloride	ND	ug/kg	5.9					
Chloroethane	ND	ug/kg	5.9					
1,1-Dichloroethene	ND	ug/kg	2.9					
trans-1,2-Dichloroethene	ND	ug/kg	4.4					
Trichloroethene	ND	ug/kg	2.9					
1,2-Dichlorobenzene	ND	ug/kg	15.					
1,3-Dichlorobenzene	ND	ug/kg	15.					
1,4-Dichlorobenzene	ND	ug/kg	15.					
Methyl tert butyl ether	ND	ug/kg	5.9					
p/m-Xylene	ND	ug/kg	5.9					
o-Xylene	ND	ug/kg	5.9					
cis-1,2-Dichloroethene	ND	ug/kg	2.9					
Dibromomethane	ND	ug/kg	29.					
1,4-Dichlorobutane	ND	ug/kg	29.					
Iodomethane	ND	ug/kg	29.					
1,2,3-Trichloropropane	ND	ug/kg	29.					
Styrene	ND	ug/kg	5.9					
Dichlorodifluoromethane	ND	ug/kg	29.					
Acetone	ND	ug/kg	29.					
Carbon disulfide	ND	ug/kg	29.					
2-Butanone	ND	ug/kg	29.					
Vinyl acetate	ND	ug/kg	29.					
4-Methyl-2-pentanone	ND	ug/kg	29.					
2-Hexanone	ND	ug/kg	29.					
Ethyl methacrylate	ND	ug/kg	29.					
Acrolein	ND	ug/kg	74.					
Acrylonitrile	ND	ug/kg	29.					
Bromochloromethane	ND	ug/kg	15.					
Tetrahydrofuran	ND	ug/kg	59.					
2,2-Dichloropropane	ND	ug/kg	15.					
1,2-Dibromoethane	ND	ug/kg	12.					
1,3-Dichloropropane	ND	ug/kg	15.					
1,1,1,2-Tetrachloroethane	ND	ug/kg	2.9					
Bromobenzene	ND	ug/kg	15.					
n-Butylbenzene	ND	ug/kg	2.9					
sec-Butylbenzene	ND	ug/kg	2.9					
tert-Butylbenzene	ND	ug/kg	15.					
o-Chlorotoluene	ND	ug/kg	15.					
p-Chlorotoluene	ND	ug/kg	15.					
1,2-Dibromo-3-chloropropane	ND	ug/kg	15.					
Hexachlorobutadiene	ND	ug/kg	15.					
Isopropylbenzene	ND	ug/kg	2.9					
p-Isopropyltoluene	ND	ug/kg	2.9					
Naphthalene	ND	ug/kg	15.					
n-Propylbenzene	ND	ug/kg	2.9					
1,2,3-Trichlorobenzene	ND	ug/kg	15.					

Comments: Complete list of References and Glossary of Terms found in Addendum I

ALPHA ANALYTICAL LABORATORIES
CERTIFICATE OF ANALYSIS

Laboratory Sample Number: L0608842-01
S-1 (1-3')

PARAMETER	RESULT	UNITS	RDL	REF	METHOD	DATE PREP	DATE ANAL	ID
Volatile Organics by GC/MS 8260 cont'd				1	8260B		0626 18:49	PD
1,2,4-Trichlorobenzene	ND	ug/kg	15.					
1,3,5-Trimethylbenzene	ND	ug/kg	15.					
1,2,4-Trimethylbenzene	ND	ug/kg	15.					
trans-1,4-Dichloro-2-butene	ND	ug/kg	15.					
Ethyl ether	ND	ug/kg	15.					
Surrogate(s)	Recovery		QC Criteria					
1,2-Dichloroethane-d4	90.0	%	70-130					
Toluene-d8	91.0	%	70-130					
4-Bromofluorobenzene	105	%	70-130					
Dibromofluoromethane	88.0	%	70-130					
SVOC's by GC/MS 8270				1	8270C	0623 14:45	0627 01:07	RL
Acenaphthene	ND	ug/kg	2000					
Benzidine	ND	ug/kg	20000					
1,2,4-Trichlorobenzene	ND	ug/kg	2000					
Hexachlorobenzene	ND	ug/kg	2000					
Bis(2-chloroethyl)ether	ND	ug/kg	2000					
1-Chloronaphthalene	ND	ug/kg	2000					
2-Chloronaphthalene	ND	ug/kg	2400					
1,2-Dichlorobenzene	ND	ug/kg	2000					
1,3-Dichlorobenzene	ND	ug/kg	2000					
1,4-Dichlorobenzene	ND	ug/kg	2000					
3,3'-Dichlorobenzidine	ND	ug/kg	3900					
2,4-Dinitrotoluene	ND	ug/kg	2000					
2,6-Dinitrotoluene	ND	ug/kg	2000					
Azobenzene	ND	ug/kg	2000					
Fluoranthene	7000	ug/kg	2000					
4-Chlorophenyl phenyl ether	ND	ug/kg	2000					
4-Bromophenyl phenyl ether	ND	ug/kg	2000					
Bis(2-chloroisopropyl)ether	ND	ug/kg	2000					
Bis(2-chloroethoxy)methane	ND	ug/kg	2000					
Hexachlorobutadiene	ND	ug/kg	3900					
Hexachlorocyclopentadiene	ND	ug/kg	3900					
Hexachloroethane	ND	ug/kg	2000					
Isophorone	ND	ug/kg	2000					
Naphthalene	ND	ug/kg	2000					
Nitrobenzene	ND	ug/kg	2000					
NDPA/DPA	ND	ug/kg	5900					
n-Nitrosodi-n-propylamine	ND	ug/kg	2000					
Bis(2-ethylhexyl)phthalate	ND	ug/kg	3900					
Butyl benzyl phthalate	ND	ug/kg	2000					
Di-n-butylphthalate	ND	ug/kg	2000					
Di-n-octylphthalate	ND	ug/kg	2000					
Diethyl phthalate	ND	ug/kg	2000					
Dimethyl phthalate	ND	ug/kg	2000					
Benzo(a)anthracene	3500	ug/kg	2000					
Benzo(a)pyrene	3200	ug/kg	2000					
Benzo(b)fluoranthene	2800	ug/kg	2000					

Comments: Complete list of References and Glossary of Terms found in Addendum I

ALPHA ANALYTICAL LABORATORIES
CERTIFICATE OF ANALYSIS

Laboratory Sample Number: L0608842-01
S-1 (1-3')

PARAMETER	RESULT	UNITS	RDL	REF	METHOD	DATE PREP	DATE ANAL	ID
SVOC's by GC/MS 8270 cont'd				1	8270C	0623 14:45	0627 01:07	RL
Benzo(k)fluoranthene	3000	ug/kg	2000					
Chrysene	3600	ug/kg	2000					
Acenaphthylene	ND	ug/kg	2000					
Anthracene	ND	ug/kg	2000					
Benzo(ghi)perylene	2800	ug/kg	2000					
Fluorene	ND	ug/kg	2000					
Phenanthrene	4600	ug/kg	2000					
Dibenzo(a,h)anthracene	ND	ug/kg	2000					
Indeno(1,2,3-cd)pyrene	2600	ug/kg	2000					
Pyrene	6100	ug/kg	2000					
Benzo(e)pyrene	2600	ug/kg	2000					
Biphenyl	ND	ug/kg	2000					
Perylene	ND	ug/kg	2000					
Aniline	ND	ug/kg	3900					
4-Chloroaniline	ND	ug/kg	2000					
1-Methylnaphthalene	ND	ug/kg	2000					
2-Nitroaniline	ND	ug/kg	2000					
3-Nitroaniline	ND	ug/kg	2000					
4-Nitroaniline	ND	ug/kg	2700					
Dibenzofuran	ND	ug/kg	2000					
a,a-Dimethylphenethylamine	ND	ug/kg	20000					
Hexachloropropene	ND	ug/kg	3900					
Nitrosodi-n-butylamine	ND	ug/kg	3900					
2-Methylnaphthalene	ND	ug/kg	2000					
1,2,4,5-Tetrachlorobenzene	ND	ug/kg	7800					
Pentachlorobenzene	ND	ug/kg	7800					
a-Naphthylamine	ND	ug/kg	7800					
b-Naphthylamine	ND	ug/kg	7800					
Phenacetin	ND	ug/kg	3900					
Dimethoate	ND	ug/kg	7800					
4-Aminobiphenyl	ND	ug/kg	3900					
Pentachloronitrobenzene	ND	ug/kg	3900					
Isodrin	ND	ug/kg	3900					
p-Dimethylaminoazobenzene	ND	ug/kg	3900					
Chlorobenzilate	ND	ug/kg	7800					
3-Methylcholanthrene	ND	ug/kg	7800					
Ethyl Methanesulfonate	ND	ug/kg	5900					
Acetophenone	ND	ug/kg	7800					
Nitrosodipiperidine	ND	ug/kg	7800					
7,12-Dimethylbenz(a)anthracene	ND	ug/kg	3900					
n-Nitrosodimethylamine	ND	ug/kg	20000					
2,4,6-Trichlorophenol	ND	ug/kg	2000					
p-Chloro-m-cresol	ND	ug/kg	2000					
2-Chlorophenol	ND	ug/kg	2400					
2,4-Dichlorophenol	ND	ug/kg	3900					
2,4-Dimethylphenol	ND	ug/kg	2000					
2-Nitrophenol	ND	ug/kg	7800					
4-Nitrophenol	ND	ug/kg	3900					
2,4-Dinitrophenol	ND	ug/kg	7800					

Comments: Complete list of References and Glossary of Terms found in Addendum I

ALPHA ANALYTICAL LABORATORIES
CERTIFICATE OF ANALYSIS

Laboratory Sample Number: L0608842-01
S-1 (1-3')

PARAMETER	RESULT	UNITS	RDL	REF	METHOD	DATE PREP	DATE ANAL	ID
SVOC's by GC/MS 8270 cont'd				1	8270C	0623 14:45	0627 01:07	RL
4,6-Dinitro-o-cresol	ND	ug/kg	7800					
Pentachlorophenol	ND	ug/kg	7800					
Phenol	ND	ug/kg	2700					
2-Methylphenol	ND	ug/kg	2400					
3-Methylphenol/4-Methylphenol	ND	ug/kg	2400					
2,4,5-Trichlorophenol	ND	ug/kg	2000					
2,6-Dichlorophenol	ND	ug/kg	3900					
Benzoic Acid	ND	ug/kg	20000					
Benzyl Alcohol	ND	ug/kg	3900					
Carbazole	ND	ug/kg	2000					
Pyridine	ND	ug/kg	20000					
2-Picoline	ND	ug/kg	7800					
Pronamide	ND	ug/kg	7800					
Methyl methanesulfonate	ND	ug/kg	7800					
Surrogate(s)	Recovery		QC Criteria					
2-Fluorophenol	89.0	%	25-120					
Phenol-d6	115	%	10-120					
Nitrobenzene-d5	94.0	%	23-120					
2-Fluorobiphenyl	92.0	%	30-120					
2,4,6-Tribromophenol	95.0	%	19-120					
4-Terphenyl-d14	99.0	%	18-120					
PAH by GC/MS SIM 8270M				1	8270C-M	0623 14:45	0628 01:09	RL
Acenaphthene	ND	ug/kg	310					
2-Chloronaphthalene	ND	ug/kg	310					
Fluoranthene	8100	ug/kg	310					
Hexachlorobutadiene	ND	ug/kg	780					
Naphthalene	ND	ug/kg	310					
Benzo(a)anthracene	3400	ug/kg	310					
Benzo(a)pyrene	2700	ug/kg	310					
Benzo(b)fluoranthene	3300	ug/kg	310					
Benzo(k)fluoranthene	2800	ug/kg	310					
Chrysene	3600	ug/kg	310					
Acenaphthylene	410	ug/kg	310					
Anthracene	1100	ug/kg	310					
Benzo(ghi)perylene	2500	ug/kg	310					
Fluorene	380	ug/kg	310					
Phenanthrene	4400	ug/kg	310					
Dibenzo(a,h)anthracene	480	ug/kg	310					
Indeno(1,2,3-cd)Pyrene	2000	ug/kg	310					
Pyrene	6400	ug/kg	310					
1-Methylnaphthalene	ND	ug/kg	310					
2-Methylnaphthalene	ND	ug/kg	310					
Pentachlorophenol	ND	ug/kg	1200					
Hexachlorobenzene	ND	ug/kg	1200					
Perylene	880	ug/kg	310					
Biphenyl	ND	ug/kg	310					
2,6-Dimethylnaphthalene	ND	ug/kg	310					

Comments: Complete list of References and Glossary of Terms found in Addendum I

ALPHA ANALYTICAL LABORATORIES
CERTIFICATE OF ANALYSIS

Laboratory Sample Number: L0608842-01
S-1 (1-3')

PARAMETER	RESULT	UNITS	RDL	REF	METHOD	DATE PREP	DATE ANAL	ID
PAH by GC/MS SIM 8270M cont'd				1	8270C-M	0623 14:45	0628 01:09	RL
1-Methylphenanthrene	560	ug/kg	310					
Benzo(e)Pyrene	2400	ug/kg	310					
Hexachloroethane	ND	ug/kg	1200					
Surrogate(s)	Recovery		QC Criteria					
2-Fluorophenol	94.0	%	25-120					
Phenol-d6	111	%	10-120					
Nitrobenzene-d5	105	%	23-120					
2-Fluorobiphenyl	89.0	%	30-120					
2,4,6-Tribromophenol	70.0	%	19-120					
4-Terphenyl-d14	109	%	18-120					

Comments: Complete list of References and Glossary of Terms found in Addendum I

ALPHA ANALYTICAL LABORATORIES
CERTIFICATE OF ANALYSIS

MA:M-MA086 NH:200301-A CT:PH-0574 ME:MA086 RI:65 NY:11148 NJ:MA935 Army:USACE

Laboratory Sample Number: L0608842-02
S-2 (2-4')
Sample Matrix: SOIL

Date Collected: 21-JUN-2006 11:30
Date Received : 22-JUN-2006
Date Reported : 30-JUN-2006

Condition of Sample: Satisfactory

Field Prep: None

Number & Type of Containers: 2-Amber,1-Vial

PARAMETER	RESULT	UNITS	RDL	REF	METHOD	DATE PREP	DATE ANAL	ID
Solids, Total	86	%	0.10	30	2540G		0623 17:28	PD
Total Metals				1	3051			
Antimony, Total	ND	mg/kg	2.3	1	6010B	0623 12:30	0624 21:50	MG
Arsenic, Total	2.5	mg/kg	0.46	1	6010B	0623 12:30	0624 21:50	MG
Beryllium, Total	0.38	mg/kg	0.23	1	6010B	0623 12:30	0624 21:50	MG
Cadmium, Total	ND	mg/kg	0.46	1	6010B	0623 12:30	0624 21:50	MG
Chromium, Total	24	mg/kg	0.46	1	6010B	0623 12:30	0624 21:50	MG
Copper, Total	45	mg/kg	0.46	1	6010B	0623 12:30	0624 21:50	MG
Lead, Total	240	mg/kg	2.3	1	6010B	0623 12:30	0624 21:50	MG
Mercury, Total	0.29	mg/kg	0.09	1	7471A	0626 21:00	0627 19:09	HG
Nickel, Total	17	mg/kg	1.2	1	6010B	0623 12:30	0624 21:50	MG
Selenium, Total	ND	mg/kg	0.93	1	6010B	0623 12:30	0624 21:50	MG
Silver, Total	ND	mg/kg	0.46	1	6010B	0623 12:30	0624 21:50	MG
Thallium, Total	ND	mg/kg	0.93	1	6010B	0623 12:30	0628 12:09	MG
Zinc, Total	570	mg/kg	4.6	1	6010B	0623 12:30	0628 12:09	MG
Volatile Organics by GC/MS 8260				1	8260B		0627 00:31	PD
Methylene chloride	ND	ug/kg	29.					
1,1-Dichloroethane	ND	ug/kg	4.4					
Chloroform	ND	ug/kg	4.4					
Carbon tetrachloride	ND	ug/kg	2.9					
1,2-Dichloropropane	ND	ug/kg	10.					
Dibromochloromethane	ND	ug/kg	2.9					
1,1,2-Trichloroethane	ND	ug/kg	4.4					
Tetrachloroethene	ND	ug/kg	2.9					
Chlorobenzene	ND	ug/kg	2.9					
Trichlorofluoromethane	ND	ug/kg	14.					
1,2-Dichloroethane	ND	ug/kg	2.9					
1,1,1-Trichloroethane	ND	ug/kg	2.9					
Bromodichloromethane	ND	ug/kg	2.9					
trans-1,3-Dichloropropene	ND	ug/kg	2.9					
cis-1,3-Dichloropropene	ND	ug/kg	2.9					
1,1-Dichloropropene	ND	ug/kg	14.					
Bromoform	ND	ug/kg	12.					
1,1,2,2-Tetrachloroethane	ND	ug/kg	2.9					
Benzene	250	ug/kg	2.9					
Toluene	250	ug/kg	4.4					

Comments: Complete list of References and Glossary of Terms found in Addendum I

ALPHA ANALYTICAL LABORATORIES
CERTIFICATE OF ANALYSIS

Laboratory Sample Number: L0608842-02
S-2 (2-4')

PARAMETER	RESULT	UNITS	RDL	REF	METHOD	DATE PREP	DATE ANAL	ID
Volatile Organics by GC/MS 8260 cont'd				1	8260B		0627 00:31	PD
Ethylbenzene	>500	ug/kg	2.9					
Chloromethane	ND	ug/kg	14.					
Bromomethane	ND	ug/kg	5.8					
Vinyl chloride	ND	ug/kg	5.8					
Chloroethane	ND	ug/kg	5.8					
1,1-Dichloroethene	ND	ug/kg	2.9					
trans-1,2-Dichloroethene	ND	ug/kg	4.4					
Trichloroethene	ND	ug/kg	2.9					
1,2-Dichlorobenzene	ND	ug/kg	14.					
1,3-Dichlorobenzene	ND	ug/kg	14.					
1,4-Dichlorobenzene	ND	ug/kg	14.					
Methyl tert butyl ether	32	ug/kg	5.8					
p/m-Xylene	>1000	ug/kg	5.8					
o-Xylene	130	ug/kg	5.8					
cis-1,2-Dichloroethene	ND	ug/kg	2.9					
Dibromomethane	ND	ug/kg	29.					
1,4-Dichlorobutane	ND	ug/kg	29.					
Iodomethane	ND	ug/kg	29.					
1,2,3-Trichloropropane	ND	ug/kg	29.					
Styrene	12	ug/kg	5.8					
Dichlorodifluoromethane	ND	ug/kg	29.					
Acetone	150	ug/kg	29					
Carbon disulfide	ND	ug/kg	29.					
2-Butanone	ND	ug/kg	29.					
Vinyl acetate	ND	ug/kg	29.					
4-Methyl-2-pentanone	ND	ug/kg	29.					
2-Hexanone	ND	ug/kg	29.					
Ethyl methacrylate	ND	ug/kg	29.					
Acrolein	ND	ug/kg	73.					
Acrylonitrile	ND	ug/kg	29.					
Bromochloromethane	ND	ug/kg	14.					
Tetrahydrofuran	ND	ug/kg	58.					
2,2-Dichloropropane	ND	ug/kg	14.					
1,2-Dibromoethane	ND	ug/kg	12.					
1,3-Dichloropropane	ND	ug/kg	14.					
1,1,1,2-Tetrachloroethane	ND	ug/kg	2.9					
Bromobenzene	ND	ug/kg	14.					
n-Butylbenzene	ND	ug/kg	2.9					
sec-Butylbenzene	510	ug/kg	2.9					
tert-Butylbenzene	ND	ug/kg	14.					
o-Chlorotoluene	ND	ug/kg	14.					
p-Chlorotoluene	ND	ug/kg	14.					
1,2-Dibromo-3-chloropropane	ND	ug/kg	14.					
Hexachlorobutadiene	ND	ug/kg	14.					
Isopropylbenzene	1600	ug/kg	2.9					
p-Isopropyltoluene	360	ug/kg	2.9					
Naphthalene	>500	ug/kg	14					
n-Propylbenzene	>500	ug/kg	2.9					
1,2,3-Trichlorobenzene	ND	ug/kg	14.					

Comments: Complete list of References and Glossary of Terms found in Addendum I

ALPHA ANALYTICAL LABORATORIES
CERTIFICATE OF ANALYSIS

Laboratory Sample Number: L0608842-02
S-2 (2-4')

PARAMETER	RESULT	UNITS	RDL	REF	METHOD	DATE PREP	DATE ANAL	ID
Volatile Organics by GC/MS 8260 cont'd				1	8260B		0627 00:31	PD
1,2,4-Trichlorobenzene	ND	ug/kg	14.					
1,3,5-Trimethylbenzene	>500	ug/kg	14					
1,2,4-Trimethylbenzene	>500	ug/kg	14					
trans-1,4-Dichloro-2-butene	ND	ug/kg	14.					
Ethyl ether	ND	ug/kg	14.					
Surrogate(s)	Recovery		QC Criteria					
1,2-Dichloroethane-d4	123	%	70-130					
Toluene-d8	117	%	70-130					
4-Bromofluorobenzene	118	%	70-130					
Dibromofluoromethane	74.0	%	70-130					
Volatile Organics by GC/MS 8260				1	8260B		0629 12:40	PD
Ethylbenzene	6200	ug/kg	2900					
p/m-Xylene	48000	ug/kg	5800					
n-Butylbenzene	6200	ug/kg	2900					
Naphthalene	17000	ug/kg	14000					
n-Propylbenzene	5300	ug/kg	2900					
1,3,5-Trimethylbenzene	19000	ug/kg	14000					
1,2,4-Trimethylbenzene	55000	ug/kg	14000					
Surrogate(s)	Recovery		QC Criteria					
1,2-Dichloroethane-d4	102	%	70-130					
Toluene-d8	97.0	%	70-130					
4-Bromofluorobenzene	97.0	%	70-130					
Dibromofluoromethane	99.0	%	70-130					
SVOC's by GC/MS 8270				1	8270C	0628 16:15	0629 02:51	RL
Acenaphthene	ND	ug/kg	780					
Benzidine	ND	ug/kg	7800					
1,2,4-Trichlorobenzene	ND	ug/kg	780					
Hexachlorobenzene	ND	ug/kg	780					
Bis(2-chloroethyl)ether	ND	ug/kg	780					
1-Chloronaphthalene	ND	ug/kg	780					
2-Chloronaphthalene	ND	ug/kg	930					
1,2-Dichlorobenzene	ND	ug/kg	780					
1,3-Dichlorobenzene	ND	ug/kg	780					
1,4-Dichlorobenzene	ND	ug/kg	780					
3,3'-Dichlorobenzidine	ND	ug/kg	1600					
2,4-Dinitrotoluene	ND	ug/kg	780					
2,6-Dinitrotoluene	ND	ug/kg	780					
Azobenzene	ND	ug/kg	780					
Fluoranthene	1700	ug/kg	780					
4-Chlorophenyl phenyl ether	ND	ug/kg	780					
4-Bromophenyl phenyl ether	ND	ug/kg	780					
Bis(2-chloroisopropyl)ether	ND	ug/kg	780					
Bis(2-chloroethoxy)methane	ND	ug/kg	780					
Hexachlorobutadiene	ND	ug/kg	1600					
Hexachlorocyclopentadiene	ND	ug/kg	1600					

Comments: Complete list of References and Glossary of Terms found in Addendum I

ALPHA ANALYTICAL LABORATORIES
CERTIFICATE OF ANALYSIS

Laboratory Sample Number: L0608842-02
S-2 (2-4')

PARAMETER	RESULT	UNITS	RDL	REF	METHOD	DATE PREP	DATE ANAL	ID
SVOC's by GC/MS 8270 cont'd				1	8270C	0628 16:15	0629 02:51	RL
Hexachloroethane	ND	ug/kg	780					
Isophorone	ND	ug/kg	780					
Naphthalene	4000	ug/kg	780					
Nitrobenzene	ND	ug/kg	780					
NDPA/DPA	ND	ug/kg	2300					
n-Nitrosodi-n-propylamine	ND	ug/kg	780					
Bis(2-ethylhexyl)phthalate	ND	ug/kg	1600					
Butyl benzyl phthalate	ND	ug/kg	780					
Di-n-butylphthalate	ND	ug/kg	780					
Di-n-octylphthalate	ND	ug/kg	780					
Diethyl phthalate	ND	ug/kg	780					
Dimethyl phthalate	ND	ug/kg	780					
Benzo(a)anthracene	ND	ug/kg	780					
Benzo(a)pyrene	ND	ug/kg	780					
Benzo(b)fluoranthene	810	ug/kg	780					
Benzo(k)fluoranthene	ND	ug/kg	780					
Chrysene	820	ug/kg	780					
Acenaphthylene	ND	ug/kg	780					
Anthracene	ND	ug/kg	780					
Benzo(ghi)perylene	ND	ug/kg	780					
Fluorene	ND	ug/kg	780					
Phenanthrene	1400	ug/kg	780					
Dibenzo(a,h)anthracene	ND	ug/kg	780					
Indeno(1,2,3-cd)pyrene	ND	ug/kg	780					
Pyrene	1600	ug/kg	780					
Benzo(e)pyrene	ND	ug/kg	780					
Biphenyl	ND	ug/kg	780					
Perylene	ND	ug/kg	780					
Aniline	ND	ug/kg	1600					
4-Chloroaniline	ND	ug/kg	780					
1-Methylnaphthalene	1200	ug/kg	780					
2-Nitroaniline	ND	ug/kg	780					
3-Nitroaniline	ND	ug/kg	780					
4-Nitroaniline	ND	ug/kg	1100					
Dibenzofuran	ND	ug/kg	780					
a,a-Dimethylphenethylamine	ND	ug/kg	7800					
Hexachloropropene	ND	ug/kg	1600					
Nitrosodi-n-butylamine	ND	ug/kg	1600					
2-Methylnaphthalene	1600	ug/kg	780					
1,2,4,5-Tetrachlorobenzene	ND	ug/kg	3100					
Pentachlorobenzene	ND	ug/kg	3100					
a-Naphthylamine	ND	ug/kg	3100					
b-Naphthylamine	ND	ug/kg	3100					
Phenacetin	ND	ug/kg	1600					
Dimethoate	ND	ug/kg	3100					
4-Aminobiphenyl	ND	ug/kg	1600					
Pentachloronitrobenzene	ND	ug/kg	1600					
Isodrin	ND	ug/kg	1600					
p-Dimethylaminoazobenzene	ND	ug/kg	1600					

Comments: Complete list of References and Glossary of Terms found in Addendum I

ALPHA ANALYTICAL LABORATORIES
CERTIFICATE OF ANALYSIS

Laboratory Sample Number: L0608842-02
S-2 (2-4')

PARAMETER	RESULT	UNITS	RDL	REF	METHOD	DATE PREP	DATE ANAL	ID
SVOC's by GC/MS 8270 cont'd				1	8270C	0628 16:15	0629 02:51	RL
Chlorobenzilate	ND	ug/kg	3100					
3-Methylcholanthrene	ND	ug/kg	3100					
Ethyl Methanesulfonate	ND	ug/kg	2300					
Acetophenone	ND	ug/kg	3100					
Nitrosodipiperidine	ND	ug/kg	3100					
7,12-Dimethylbenz(a)anthracene	ND	ug/kg	1600					
n-Nitrosodimethylamine	ND	ug/kg	7800					
2,4,6-Trichlorophenol	ND	ug/kg	780					
p-Chloro-m-cresol	ND	ug/kg	780					
2-Chlorophenol	ND	ug/kg	930					
2,4-Dichlorophenol	ND	ug/kg	1600					
2,4-Dimethylphenol	ND	ug/kg	780					
2-Nitrophenol	ND	ug/kg	3100					
4-Nitrophenol	ND	ug/kg	1600					
2,4-Dinitrophenol	ND	ug/kg	3100					
4,6-Dinitro-o-cresol	ND	ug/kg	3100					
Pentachlorophenol	ND	ug/kg	3100					
Phenol	ND	ug/kg	1100					
2-Methylphenol	ND	ug/kg	930					
3-Methylphenol/4-Methylphenol	ND	ug/kg	930					
2,4,5-Trichlorophenol	ND	ug/kg	780					
2,6-Dichlorophenol	ND	ug/kg	1600					
Benzoic Acid	ND	ug/kg	7800					
Benzyl Alcohol	ND	ug/kg	1600					
Carbazole	ND	ug/kg	780					
Pyridine	ND	ug/kg	7800					
2-Picoline	ND	ug/kg	3100					
Pronamide	ND	ug/kg	3100					
Methyl methanesulfonate	ND	ug/kg	3100					
Surrogate(s)	Recovery		QC Criteria					
2-Fluorophenol	87.0	%	25-120					
Phenol-d6	108	%	10-120					
Nitrobenzene-d5	103	%	23-120					
2-Fluorobiphenyl	99.0	%	30-120					
2,4,6-Tribromophenol	90.0	%	19-120					
4-Terphenyl-d14	104	%	18-120					
PAH by GC/MS SIM 8270M				1	8270C-M	0628 16:15	0629 06:06	RL
Acenaphthene	ND	ug/kg	160					
2-Chloronaphthalene	ND	ug/kg	160					
Fluoranthene	1800	ug/kg	160					
Hexachlorobutadiene	ND	ug/kg	390					
Naphthalene	3800	ug/kg	160					
Benzo(a)anthracene	710	ug/kg	160					
Benzo(a)pyrene	740	ug/kg	160					
Benzo(b)fluoranthene	890	ug/kg	160					
Benzo(k)fluoranthene	790	ug/kg	160					
Chrysene	820	ug/kg	160					

Comments: Complete list of References and Glossary of Terms found in Addendum I

ALPHA ANALYTICAL LABORATORIES
CERTIFICATE OF ANALYSIS

Laboratory Sample Number: L0608842-02
S-2 (2-4')

PARAMETER	RESULT	UNITS	RDL	REF	METHOD	DATE PREP	DATE ANAL	ID
PAH by GC/MS SIM 8270M cont'd				1	8270C-M	0628 16:15	0629 06:06	RL
Acenaphthylene	210	ug/kg	160					
Anthracene	330	ug/kg	160					
Benzo(ghi)perylene	660	ug/kg	160					
Fluorene	280	ug/kg	160					
Phenanthrene	1300	ug/kg	160					
Dibenzo(a,h)anthracene	170	ug/kg	160					
Indeno(1,2,3-cd)Pyrene	590	ug/kg	160					
Pyrene	1500	ug/kg	160					
1-Methylnaphthalene	950	ug/kg	160					
2-Methylnaphthalene	1600	ug/kg	160					
Pentachlorophenol	ND	ug/kg	620					
Hexachlorobenzene	ND	ug/kg	620					
Perylene	250	ug/kg	160					
Biphenyl	ND	ug/kg	160					
2,6-Dimethylnaphthalene	300	ug/kg	160					
1-Methylphenanthrene	230	ug/kg	160					
Benzo(e)Pyrene	620	ug/kg	160					
Hexachloroethane	ND	ug/kg	620					
Surrogate(s)	Recovery		QC Criteria					
2-Fluorophenol	94.0	%	25-120					
Phenol-d6	113	%	10-120					
Nitrobenzene-d5	104	%	23-120					
2-Fluorobiphenyl	94.0	%	30-120					
2,4,6-Tribromophenol	70.0	%	19-120					
4-Terphenyl-d14	102	%	18-120					

Comments: Complete list of References and Glossary of Terms found in Addendum I

ALPHA ANALYTICAL LABORATORIES
CERTIFICATE OF ANALYSIS

MA:M-MA086 NH:200301-A CT:PH-0574 ME:MA086 RI:65 NY:11148 NJ:MA935 Army:USACE

Laboratory Sample Number: L0608842-03
S-3 (4-6')
Sample Matrix: SOIL

Date Collected: 21-JUN-2006 08:20
Date Received : 22-JUN-2006
Date Reported : 30-JUN-2006

Condition of Sample: Satisfactory

Field Prep: None

Number & Type of Containers: 1-Amber,1-Vial

PARAMETER	RESULT	UNITS	RDL	REF	METHOD	DATE PREP	DATE ANAL	ID
Solids, Total	90	%	0.10	30	2540G		0623 17:28	PD
Total Metals				1	3051			
Antimony, Total	ND	mg/kg	2.2	1	6010B	0623 12:30	0624 21:54	MG
Arsenic, Total	9.2	mg/kg	0.44	1	6010B	0623 12:30	0624 21:54	MG
Beryllium, Total	0.24	mg/kg	0.22	1	6010B	0623 12:30	0624 21:54	MG
Cadmium, Total	ND	mg/kg	0.44	1	6010B	0623 12:30	0624 21:54	MG
Chromium, Total	16	mg/kg	0.44	1	6010B	0623 12:30	0624 21:54	MG
Copper, Total	13	mg/kg	0.44	1	6010B	0623 12:30	0624 21:54	MG
Lead, Total	9.0	mg/kg	2.2	1	6010B	0623 12:30	0624 21:54	MG
Mercury, Total	ND	mg/kg	0.09	1	7471A	0626 21:00	0627 19:11	HG
Nickel, Total	16	mg/kg	1.1	1	6010B	0623 12:30	0624 21:54	MG
Selenium, Total	ND	mg/kg	0.88	1	6010B	0623 12:30	0624 21:54	MG
Silver, Total	ND	mg/kg	0.44	1	6010B	0623 12:30	0624 21:54	MG
Thallium, Total	ND	mg/kg	0.88	1	6010B	0623 12:30	0628 12:13	MG
Zinc, Total	380	mg/kg	2.2	1	6010B	0623 12:30	0624 21:54	MG
Zinc, Total	450	mg/kg	4.4	1	6010B	0623 12:30	0628 12:13	MG
Volatile Organics by GC/MS 8260				1	8260B		0629 10:32	PD
Methylene chloride	ND	ug/kg	28.					
1,1-Dichloroethane	ND	ug/kg	4.2					
Chloroform	ND	ug/kg	4.2					
Carbon tetrachloride	ND	ug/kg	2.8					
1,2-Dichloropropane	ND	ug/kg	9.7					
Dibromochloromethane	ND	ug/kg	2.8					
1,1,2-Trichloroethane	ND	ug/kg	4.2					
Tetrachloroethene	ND	ug/kg	2.8					
Chlorobenzene	ND	ug/kg	2.8					
Trichlorofluoromethane	ND	ug/kg	14.					
1,2-Dichloroethane	ND	ug/kg	2.8					
1,1,1-Trichloroethane	ND	ug/kg	2.8					
Bromodichloromethane	ND	ug/kg	2.8					
trans-1,3-Dichloropropene	ND	ug/kg	2.8					
cis-1,3-Dichloropropene	ND	ug/kg	2.8					
1,1-Dichloropropene	ND	ug/kg	14.					
Bromoform	ND	ug/kg	11.					
1,1,2,2-Tetrachloroethane	ND	ug/kg	2.8					
Benzene	ND	ug/kg	2.8					

Comments: Complete list of References and Glossary of Terms found in Addendum I

ALPHA ANALYTICAL LABORATORIES
CERTIFICATE OF ANALYSIS

Laboratory Sample Number: L0608842-03
S-3 (4-6')

PARAMETER	RESULT	UNITS	RDL	REF	METHOD	DATE PREP	DATE ANAL	ID
Volatile Organics by GC/MS 8260 cont'd				1	8260B		0629 10:32	PD
Toluene	ND	ug/kg	4.2					
Ethylbenzene	4.8	ug/kg	2.8					
Chloromethane	ND	ug/kg	14.					
Bromomethane	ND	ug/kg	5.6					
Vinyl chloride	ND	ug/kg	5.6					
Chloroethane	ND	ug/kg	5.6					
1,1-Dichloroethene	ND	ug/kg	2.8					
trans-1,2-Dichloroethene	ND	ug/kg	4.2					
Trichloroethene	ND	ug/kg	2.8					
1,2-Dichlorobenzene	ND	ug/kg	14.					
1,3-Dichlorobenzene	ND	ug/kg	14.					
1,4-Dichlorobenzene	ND	ug/kg	14.					
Methyl tert butyl ether	ND	ug/kg	5.6					
p/m-Xylene	29	ug/kg	5.6					
o-Xylene	30	ug/kg	5.6					
cis-1,2-Dichloroethene	ND	ug/kg	2.8					
Dibromomethane	ND	ug/kg	28.					
1,4-Dichlorobutane	ND	ug/kg	28.					
Iodomethane	ND	ug/kg	28.					
1,2,3-Trichloropropane	ND	ug/kg	28.					
Styrene	ND	ug/kg	5.6					
Dichlorodifluoromethane	ND	ug/kg	28.					
Acetone	83	ug/kg	28					
Carbon disulfide	ND	ug/kg	28.					
2-Butanone	ND	ug/kg	28.					
Vinyl acetate	ND	ug/kg	28.					
4-Methyl-2-pentanone	ND	ug/kg	28.					
2-Hexanone	ND	ug/kg	28.					
Ethyl methacrylate	ND	ug/kg	28.					
Acrolein	ND	ug/kg	69.					
Acrylonitrile	ND	ug/kg	28.					
Bromochloromethane	ND	ug/kg	14.					
Tetrahydrofuran	ND	ug/kg	56.					
2,2-Dichloropropane	ND	ug/kg	14.					
1,2-Dibromoethane	ND	ug/kg	11.					
1,3-Dichloropropane	ND	ug/kg	14.					
1,1,1,2-Tetrachloroethane	ND	ug/kg	2.8					
Bromobenzene	ND	ug/kg	14.					
n-Butylbenzene	160	ug/kg	2.8					
sec-Butylbenzene	32	ug/kg	2.8					
tert-Butylbenzene	ND	ug/kg	14.					
o-Chlorotoluene	ND	ug/kg	14.					
p-Chlorotoluene	ND	ug/kg	14.					
1,2-Dibromo-3-chloropropane	ND	ug/kg	14.					
Hexachlorobutadiene	ND	ug/kg	14.					
Isopropylbenzene	29	ug/kg	2.8					
p-Isopropyltoluene	14	ug/kg	2.8					
Naphthalene	37	ug/kg	14					
n-Propylbenzene	83	ug/kg	2.8					

Comments: Complete list of References and Glossary of Terms found in Addendum I

ALPHA ANALYTICAL LABORATORIES
CERTIFICATE OF ANALYSIS

Laboratory Sample Number: L0608842-03
S-3 (4-6')

PARAMETER	RESULT	UNITS	RDL	REF	METHOD	DATE PREP	DATE ANAL	ID
Volatile Organics by GC/MS 8260 cont'd				1	8260B		0629 10:32	PD
1,2,3-Trichlorobenzene	ND	ug/kg	14.					
1,2,4-Trichlorobenzene	ND	ug/kg	14.					
1,3,5-Trimethylbenzene	290	ug/kg	14					
1,2,4-Trimethylbenzene	>500	ug/kg	14					
trans-1,4-Dichloro-2-butene	ND	ug/kg	14.					
Ethyl ether	ND	ug/kg	14.					
Surrogate(s)	Recovery		QC Criteria					
1,2-Dichloroethane-d4	106	%	70-130					
Toluene-d8	104	%	70-130					
4-Bromofluorobenzene	126	%	70-130					
Dibromofluoromethane	84.0	%	70-130					
Volatile Organics by GC/MS 8260				1	8260B		0629 14:06	PD
1,2,4-Trimethylbenzene	760	ug/kg	28					
Surrogate(s)	Recovery		QC Criteria					
1,2-Dichloroethane-d4	104	%	70-130					
Toluene-d8	103	%	70-130					
4-Bromofluorobenzene	124	%	70-130					
Dibromofluoromethane	91.0	%	70-130					
SVOC's by GC/MS 8270				1	8270C	0623 14:45	0628 02:56	RL
Acenaphthene	ND	ug/kg	370					
Benzidine	ND	ug/kg	3700					
1,2,4-Trichlorobenzene	ND	ug/kg	370					
Hexachlorobenzene	ND	ug/kg	370					
Bis(2-chloroethyl)ether	ND	ug/kg	370					
1-Chloronaphthalene	ND	ug/kg	370					
2-Chloronaphthalene	ND	ug/kg	440					
1,2-Dichlorobenzene	ND	ug/kg	370					
1,3-Dichlorobenzene	ND	ug/kg	370					
1,4-Dichlorobenzene	ND	ug/kg	370					
3,3'-Dichlorobenzidine	ND	ug/kg	740					
2,4-Dinitrotoluene	ND	ug/kg	370					
2,6-Dinitrotoluene	ND	ug/kg	370					
Azobenzene	ND	ug/kg	370					
Fluoranthene	ND	ug/kg	370					
4-Chlorophenyl phenyl ether	ND	ug/kg	370					
4-Bromophenyl phenyl ether	ND	ug/kg	370					
Bis(2-chloroisopropyl)ether	ND	ug/kg	370					
Bis(2-chloroethoxy)methane	ND	ug/kg	370					
Hexachlorobutadiene	ND	ug/kg	740					
Hexachlorocyclopentadiene	ND	ug/kg	740					
Hexachloroethane	ND	ug/kg	370					
Isophorone	ND	ug/kg	370					
Naphthalene	ND	ug/kg	370					
Nitrobenzene	ND	ug/kg	370					
NDPA/DPA	ND	ug/kg	1100					

Comments: Complete list of References and Glossary of Terms found in Addendum I

ALPHA ANALYTICAL LABORATORIES
CERTIFICATE OF ANALYSIS

Laboratory Sample Number: L0608842-03
S-3 (4-6')

PARAMETER	RESULT	UNITS	RDL	REF	METHOD	DATE PREP	DATE ANAL	ID
SVOC's by GC/MS 8270 cont'd				1	8270C	0623 14:45	0628 02:56	RL
n-Nitrosodi-n-propylamine	ND	ug/kg	370					
Bis(2-ethylhexyl)phthalate	ND	ug/kg	740					
Butyl benzyl phthalate	ND	ug/kg	370					
Di-n-butylphthalate	ND	ug/kg	370					
Di-n-octylphthalate	ND	ug/kg	370					
Diethyl phthalate	ND	ug/kg	370					
Dimethyl phthalate	ND	ug/kg	370					
Benzo(a)anthracene	ND	ug/kg	370					
Benzo(a)pyrene	ND	ug/kg	370					
Benzo(b)fluoranthene	ND	ug/kg	370					
Benzo(k)fluoranthene	ND	ug/kg	370					
Chrysene	ND	ug/kg	370					
Acenaphthylene	ND	ug/kg	370					
Anthracene	ND	ug/kg	370					
Benzo(ghi)perylene	ND	ug/kg	370					
Fluorene	ND	ug/kg	370					
Phenanthrene	ND	ug/kg	370					
Dibenzo(a,h)anthracene	ND	ug/kg	370					
Indeno(1,2,3-cd)pyrene	ND	ug/kg	370					
Pyrene	ND	ug/kg	370					
Benzo(e)pyrene	ND	ug/kg	370					
Biphenyl	ND	ug/kg	370					
Perylene	ND	ug/kg	370					
Aniline	ND	ug/kg	740					
4-Chloroaniline	ND	ug/kg	370					
1-Methylnaphthalene	400	ug/kg	370					
2-Nitroaniline	ND	ug/kg	370					
3-Nitroaniline	ND	ug/kg	370					
4-Nitroaniline	ND	ug/kg	520					
Dibenzofuran	ND	ug/kg	370					
a,a-Dimethylphenethylamine	ND	ug/kg	3700					
Hexachloropropene	ND	ug/kg	740					
Nitrosodi-n-butylamine	ND	ug/kg	740					
2-Methylnaphthalene	ND	ug/kg	370					
1,2,4,5-Tetrachlorobenzene	ND	ug/kg	1500					
Pentachlorobenzene	ND	ug/kg	1500					
a-Naphthylamine	ND	ug/kg	1500					
b-Naphthylamine	ND	ug/kg	1500					
Phenacetin	ND	ug/kg	740					
Dimethoate	ND	ug/kg	1500					
4-Aminobiphenyl	ND	ug/kg	740					
Pentachloronitrobenzene	ND	ug/kg	740					
Isodrin	ND	ug/kg	740					
p-Dimethylaminoazobenzene	ND	ug/kg	740					
Chlorobenzilate	ND	ug/kg	1500					
3-Methylcholanthrene	ND	ug/kg	1500					
Ethyl Methanesulfonate	ND	ug/kg	1100					
Acetophenone	ND	ug/kg	1500					
Nitrosodipiperidine	ND	ug/kg	1500					

Comments: Complete list of References and Glossary of Terms found in Addendum I

ALPHA ANALYTICAL LABORATORIES
CERTIFICATE OF ANALYSIS

Laboratory Sample Number: L0608842-03
S-3 (4-6')

PARAMETER	RESULT	UNITS	RDL	REF	METHOD	DATE PREP	DATE ANAL	ID
SVOC's by GC/MS 8270 cont'd				1	8270C	0623 14:45	0628 02:56	RL
7,12-Dimethylbenz(a)anthracene	ND	ug/kg	740					
n-Nitrosodimethylamine	ND	ug/kg	3700					
2,4,6-Trichlorophenol	ND	ug/kg	370					
p-Chloro-m-cresol	ND	ug/kg	370					
2-Chlorophenol	ND	ug/kg	440					
2,4-Dichlorophenol	ND	ug/kg	740					
2,4-Dimethylphenol	ND	ug/kg	370					
2-Nitrophenol	ND	ug/kg	1500					
4-Nitrophenol	ND	ug/kg	740					
2,4-Dinitrophenol	ND	ug/kg	1500					
4,6-Dinitro-o-cresol	ND	ug/kg	1500					
Pentachlorophenol	ND	ug/kg	1500					
Phenol	ND	ug/kg	520					
2-Methylphenol	ND	ug/kg	440					
3-Methylphenol/4-Methylphenol	ND	ug/kg	440					
2,4,5-Trichlorophenol	ND	ug/kg	370					
2,6-Dichlorophenol	ND	ug/kg	740					
Benzoic Acid	ND	ug/kg	3700					
Benzyl Alcohol	ND	ug/kg	740					
Carbazole	ND	ug/kg	370					
Pyridine	ND	ug/kg	3700					
2-Picoline	ND	ug/kg	1500					
Pronamide	ND	ug/kg	1500					
Methyl methanesulfonate	ND	ug/kg	1500					
Surrogate(s)	Recovery		QC Criteria					
2-Fluorophenol	78.0	%	25-120					
Phenol-d6	103	%	10-120					
Nitrobenzene-d5	89.0	%	23-120					
2-Fluorobiphenyl	83.0	%	30-120					
2,4,6-Tribromophenol	84.0	%	19-120					
4-Terphenyl-d14	87.0	%	18-120					
PAH by GC/MS SIM 8270M				1	8270C-M	0623 14:45	0628 01:55	RL
Acenaphthene	ND	ug/kg	15.					
2-Chloronaphthalene	ND	ug/kg	15.					
Fluoranthene	90	ug/kg	15					
Hexachlorobutadiene	ND	ug/kg	37.					
Naphthalene	100	ug/kg	15					
Benzo(a)anthracene	40	ug/kg	15					
Benzo(a)pyrene	30	ug/kg	15					
Benzo(b)fluoranthene	32	ug/kg	15					
Benzo(k)fluoranthene	46	ug/kg	15					
Chrysene	50	ug/kg	15					
Acenaphthylene	ND	ug/kg	15.					
Anthracene	15	ug/kg	15					
Benzo(ghi)perylene	27	ug/kg	15					
Fluorene	16	ug/kg	15					
Phenanthrene	75	ug/kg	15					

Comments: Complete list of References and Glossary of Terms found in Addendum I

ALPHA ANALYTICAL LABORATORIES
CERTIFICATE OF ANALYSIS

Laboratory Sample Number: L0608842-03
S-3 (4-6')

PARAMETER	RESULT	UNITS	RDL	REF	METHOD	DATE PREP	DATE ANAL	ID
PAH by GC/MS SIM 8270M cont'd				1	8270C-M	0623 14:45	0628 01:55	RL
Dibenzo(a,h)anthracene	ND	ug/kg	15.					
Indeno(1,2,3-cd)Pyrene	21	ug/kg	15					
Pyrene	93	ug/kg	15					
1-Methylnaphthalene	200	ug/kg	15					
2-Methylnaphthalene	170	ug/kg	15					
Pentachlorophenol	ND	ug/kg	59.					
Hexachlorobenzene	ND	ug/kg	59.					
Perylene	16	ug/kg	15					
Biphenyl	ND	ug/kg	15.					
2,6-Dimethylnaphthalene	97	ug/kg	15					
1-Methylphenanthrene	54	ug/kg	15					
Benzo(e)Pyrene	31	ug/kg	15					
Hexachloroethane	ND	ug/kg	59.					
Surrogate(s)	Recovery		QC Criteria					
2-Fluorophenol	82.0	%	25-120					
Phenol-d6	107	%	10-120					
Nitrobenzene-d5	96.0	%	23-120					
2-Fluorobiphenyl	81.0	%	30-120					
2,4,6-Tribromophenol	62.0	%	19-120					
4-Terphenyl-d14	84.0	%	18-120					

Comments: Complete list of References and Glossary of Terms found in Addendum I

ALPHA ANALYTICAL LABORATORIES
CERTIFICATE OF ANALYSIS

MA:M-MA086 NH:200301-A CT:PH-0574 ME:MA086 RI:65 NY:11148 NJ:MA935 Army:USACE

Laboratory Sample Number: L0608842-04
S-4 (2-4')
Sample Matrix: SOIL

Date Collected: 21-JUN-2006 09:10
Date Received : 22-JUN-2006
Date Reported : 30-JUN-2006

Condition of Sample: Satisfactory

Field Prep: None

Number & Type of Containers: 2-Amber,1-Vial

PARAMETER	RESULT	UNITS	RDL	REF	METHOD	DATE PREP	DATE ANAL	ID
Solids, Total	82	%	0.10	30	2540G		0623 17:28	PD
Total Metals				1	3051			
Antimony, Total	ND	mg/kg	2.4	1	6010B	0623 12:30	0624 21:57	MG
Arsenic, Total	10	mg/kg	0.48	1	6010B	0623 12:30	0624 21:57	MG
Beryllium, Total	0.28	mg/kg	0.24	1	6010B	0623 12:30	0624 21:57	MG
Cadmium, Total	0.87	mg/kg	0.48	1	6010B	0623 12:30	0624 21:57	MG
Chromium, Total	17	mg/kg	0.48	1	6010B	0623 12:30	0624 21:57	MG
Copper, Total	83	mg/kg	0.48	1	6010B	0623 12:30	0624 21:57	MG
Lead, Total	2400	mg/kg	2.4	1	6010B	0623 12:30	0624 21:57	MG
Mercury, Total	0.35	mg/kg	0.09	1	7471A	0626 21:00	0627 19:13	HG
Nickel, Total	11	mg/kg	1.2	1	6010B	0623 12:30	0624 21:57	MG
Selenium, Total	1.4	mg/kg	0.97	1	6010B	0623 12:30	0624 21:57	MG
Silver, Total	ND	mg/kg	0.48	1	6010B	0623 12:30	0624 21:57	MG
Thallium, Total	ND	mg/kg	0.48	1	6010B	0623 12:30	0624 21:57	MG
Zinc, Total	430	mg/kg	2.4	1	6010B	0623 12:30	0624 21:57	MG
Volatile Organics by GC/MS 8260				1	8260B		0626 20:57	PD
Methylene chloride	ND	ug/kg	30.					
1,1-Dichloroethane	ND	ug/kg	4.6					
Chloroform	ND	ug/kg	4.6					
Carbon tetrachloride	ND	ug/kg	3.0					
1,2-Dichloropropane	ND	ug/kg	11.					
Dibromochloromethane	ND	ug/kg	3.0					
1,1,2-Trichloroethane	ND	ug/kg	4.6					
Tetrachloroethene	ND	ug/kg	3.0					
Chlorobenzene	ND	ug/kg	3.0					
Trichlorofluoromethane	ND	ug/kg	15.					
1,2-Dichloroethane	ND	ug/kg	3.0					
1,1,1-Trichloroethane	ND	ug/kg	3.0					
Bromodichloromethane	ND	ug/kg	3.0					
trans-1,3-Dichloropropene	ND	ug/kg	3.0					
cis-1,3-Dichloropropene	ND	ug/kg	3.0					
1,1-Dichloropropene	ND	ug/kg	15.					
Bromoform	ND	ug/kg	12.					
1,1,2,2-Tetrachloroethane	ND	ug/kg	3.0					
Benzene	33	ug/kg	3.0					
Toluene	5.0	ug/kg	4.6					

Comments: Complete list of References and Glossary of Terms found in Addendum I

ALPHA ANALYTICAL LABORATORIES
CERTIFICATE OF ANALYSIS

Laboratory Sample Number: L0608842-04
S-4 (2-4')

PARAMETER	RESULT	UNITS	RDL	REF	METHOD	DATE PREP	DATE ANAL	ID
Volatile Organics by GC/MS 8260 cont'd				1	8260B		0626 20:57	PD
Ethylbenzene	270	ug/kg	3.0					
Chloromethane	ND	ug/kg	15.					
Bromomethane	ND	ug/kg	6.1					
Vinyl chloride	ND	ug/kg	6.1					
Chloroethane	ND	ug/kg	6.1					
1,1-Dichloroethene	ND	ug/kg	3.0					
trans-1,2-Dichloroethene	ND	ug/kg	4.6					
Trichloroethene	ND	ug/kg	3.0					
1,2-Dichlorobenzene	ND	ug/kg	15.					
1,3-Dichlorobenzene	ND	ug/kg	15.					
1,4-Dichlorobenzene	ND	ug/kg	15.					
Methyl tert butyl ether	ND	ug/kg	6.1					
p/m-Xylene	180	ug/kg	6.1					
o-Xylene	14	ug/kg	6.1					
cis-1,2-Dichloroethene	ND	ug/kg	3.0					
Dibromomethane	ND	ug/kg	30.					
1,4-Dichlorobutane	ND	ug/kg	30.					
Iodomethane	ND	ug/kg	30.					
1,2,3-Trichloropropane	ND	ug/kg	30.					
Styrene	ND	ug/kg	6.1					
Dichlorodifluoromethane	ND	ug/kg	30.					
Acetone	260	ug/kg	30					
Carbon disulfide	ND	ug/kg	30.					
2-Butanone	ND	ug/kg	30.					
Vinyl acetate	ND	ug/kg	30.					
4-Methyl-2-pentanone	ND	ug/kg	30.					
2-Hexanone	ND	ug/kg	30.					
Ethyl methacrylate	ND	ug/kg	30.					
Acrolein	ND	ug/kg	76.					
Acrylonitrile	ND	ug/kg	30.					
Bromochloromethane	ND	ug/kg	15.					
Tetrahydrofuran	ND	ug/kg	61.					
2,2-Dichloropropane	ND	ug/kg	15.					
1,2-Dibromoethane	ND	ug/kg	12.					
1,3-Dichloropropane	ND	ug/kg	15.					
1,1,1,2-Tetrachloroethane	ND	ug/kg	3.0					
Bromobenzene	ND	ug/kg	15.					
n-Butylbenzene	79	ug/kg	3.0					
sec-Butylbenzene	25	ug/kg	3.0					
tert-Butylbenzene	ND	ug/kg	15.					
o-Chlorotoluene	ND	ug/kg	15.					
p-Chlorotoluene	ND	ug/kg	15.					
1,2-Dibromo-3-chloropropane	ND	ug/kg	15.					
Hexachlorobutadiene	ND	ug/kg	15.					
Isopropylbenzene	79	ug/kg	3.0					
p-Isopropyltoluene	13	ug/kg	3.0					
Naphthalene	160	ug/kg	15					
n-Propylbenzene	140	ug/kg	3.0					
1,2,3-Trichlorobenzene	ND	ug/kg	15.					

Comments: Complete list of References and Glossary of Terms found in Addendum I

ALPHA ANALYTICAL LABORATORIES
CERTIFICATE OF ANALYSIS

Laboratory Sample Number: L0608842-04
S-4 (2-4')

PARAMETER	RESULT	UNITS	RDL	REF	METHOD	DATE PREP	DATE ANAL	ID
Volatile Organics by GC/MS 8260 cont'd				1	8260B		0626 20:57	PD
1,2,4-Trichlorobenzene	ND	ug/kg	15.					
1,3,5-Trimethylbenzene	580	ug/kg	15					
1,2,4-Trimethylbenzene	>500	ug/kg	15					
trans-1,4-Dichloro-2-butene	ND	ug/kg	15.					
Ethyl ether	ND	ug/kg	15.					
Surrogate(s)	Recovery		QC Criteria					
1,2-Dichloroethane-d4	92.0	%	70-130					
Toluene-d8	92.0	%	70-130					
4-Bromofluorobenzene	102	%	70-130					
Dibromofluoromethane	88.0	%	70-130					
Volatile Organics by GC/MS 8260				1	8260B		0629 11:57	PD
1,2,4-Trimethylbenzene	12000	ug/kg	300					
Surrogate(s)	Recovery		QC Criteria					
1,2-Dichloroethane-d4	101	%	70-130					
Toluene-d8	98.0	%	70-130					
4-Bromofluorobenzene	104	%	70-130					
Dibromofluoromethane	95.0	%	70-130					
SVOC's by GC/MS 8270				1	8270C	0623 14:45	0628 03:21	RL
Acenaphthene	ND	ug/kg	410					
Benzidine	ND	ug/kg	4100					
1,2,4-Trichlorobenzene	ND	ug/kg	410					
Hexachlorobenzene	ND	ug/kg	410					
Bis(2-chloroethyl)ether	ND	ug/kg	410					
1-Chloronaphthalene	ND	ug/kg	410					
2-Chloronaphthalene	ND	ug/kg	490					
1,2-Dichlorobenzene	ND	ug/kg	410					
1,3-Dichlorobenzene	ND	ug/kg	410					
1,4-Dichlorobenzene	ND	ug/kg	410					
3,3'-Dichlorobenzidine	ND	ug/kg	810					
2,4-Dinitrotoluene	ND	ug/kg	410					
2,6-Dinitrotoluene	ND	ug/kg	410					
Azobenzene	ND	ug/kg	410					
Fluoranthene	1800	ug/kg	410					
4-Chlorophenyl phenyl ether	ND	ug/kg	410					
4-Bromophenyl phenyl ether	ND	ug/kg	410					
Bis(2-chloroisopropyl)ether	ND	ug/kg	410					
Bis(2-chloroethoxy)methane	ND	ug/kg	410					
Hexachlorobutadiene	ND	ug/kg	810					
Hexachlorocyclopentadiene	ND	ug/kg	810					
Hexachloroethane	ND	ug/kg	410					
Isophorone	ND	ug/kg	410					
Naphthalene	ND	ug/kg	410					
Nitrobenzene	ND	ug/kg	410					
NDPA/DPA	ND	ug/kg	1200					
n-Nitrosodi-n-propylamine	ND	ug/kg	410					

Comments: Complete list of References and Glossary of Terms found in Addendum I

ALPHA ANALYTICAL LABORATORIES
CERTIFICATE OF ANALYSIS

Laboratory Sample Number: L0608842-04
S-4 (2-4')

PARAMETER	RESULT	UNITS	RDL	REF	METHOD	DATE PREP	DATE ANAL	ID
SVOC's by GC/MS 8270 cont'd				1	8270C	0623 14:45	0628 03:21	RL
Bis(2-ethylhexyl)phthalate	ND	ug/kg	810					
Butyl benzyl phthalate	ND	ug/kg	410					
Di-n-butylphthalate	ND	ug/kg	410					
Di-n-octylphthalate	ND	ug/kg	410					
Diethyl phthalate	ND	ug/kg	410					
Dimethyl phthalate	ND	ug/kg	410					
Benzo(a)anthracene	870	ug/kg	410					
Benzo(a)pyrene	880	ug/kg	410					
Benzo(b)fluoranthene	840	ug/kg	410					
Benzo(k)fluoranthene	840	ug/kg	410					
Chrysene	1000	ug/kg	410					
Acenaphthylene	ND	ug/kg	410					
Anthracene	ND	ug/kg	410					
Benzo(ghi)perylene	650	ug/kg	410					
Fluorene	ND	ug/kg	410					
Phenanthrene	890	ug/kg	410					
Dibenzo(a,h)anthracene	ND	ug/kg	410					
Indeno(1,2,3-cd)pyrene	710	ug/kg	410					
Pyrene	1500	ug/kg	410					
Benzo(e)pyrene	690	ug/kg	410					
Biphenyl	ND	ug/kg	410					
Perylene	ND	ug/kg	410					
Aniline	ND	ug/kg	810					
4-Chloroaniline	ND	ug/kg	410					
1-Methylnaphthalene	ND	ug/kg	410					
2-Nitroaniline	ND	ug/kg	410					
3-Nitroaniline	ND	ug/kg	410					
4-Nitroaniline	ND	ug/kg	570					
Dibenzofuran	ND	ug/kg	410					
a,a-Dimethylphenethylamine	ND	ug/kg	4100					
Hexachloropropene	ND	ug/kg	810					
Nitrosodi-n-butylamine	ND	ug/kg	810					
2-Methylnaphthalene	ND	ug/kg	410					
1,2,4,5-Tetrachlorobenzene	ND	ug/kg	1600					
Pentachlorobenzene	ND	ug/kg	1600					
a-Naphthylamine	ND	ug/kg	1600					
b-Naphthylamine	ND	ug/kg	1600					
Phenacetin	ND	ug/kg	810					
Dimethoate	ND	ug/kg	1600					
4-Aminobiphenyl	ND	ug/kg	810					
Pentachloronitrobenzene	ND	ug/kg	810					
Isodrin	ND	ug/kg	810					
p-Dimethylaminoazobenzene	ND	ug/kg	810					
Chlorobenzilate	ND	ug/kg	1600					
3-Methylcholanthrene	ND	ug/kg	1600					
Ethyl Methanesulfonate	ND	ug/kg	1200					
Acetophenone	ND	ug/kg	1600					
Nitrosodipiperidine	ND	ug/kg	1600					
7,12-Dimethylbenz(a)anthracene	ND	ug/kg	810					

Comments: Complete list of References and Glossary of Terms found in Addendum I

ALPHA ANALYTICAL LABORATORIES
CERTIFICATE OF ANALYSIS

Laboratory Sample Number: L0608842-04
S-4 (2-4')

PARAMETER	RESULT	UNITS	RDL	REF	METHOD	DATE PREP	DATE ANAL	ID
SVOC's by GC/MS 8270 cont'd				1	8270C	0623 14:45	0628 03:21	RL
n-Nitrosodimethylamine	ND	ug/kg	4100					
2,4,6-Trichlorophenol	ND	ug/kg	410					
p-Chloro-m-cresol	ND	ug/kg	410					
2-Chlorophenol	ND	ug/kg	490					
2,4-Dichlorophenol	ND	ug/kg	810					
2,4-Dimethylphenol	ND	ug/kg	410					
2-Nitrophenol	ND	ug/kg	1600					
4-Nitrophenol	ND	ug/kg	810					
2,4-Dinitrophenol	ND	ug/kg	1600					
4,6-Dinitro-o-cresol	ND	ug/kg	1600					
Pentachlorophenol	ND	ug/kg	1600					
Phenol	ND	ug/kg	570					
2-Methylphenol	ND	ug/kg	490					
3-Methylphenol/4-Methylphenol	ND	ug/kg	490					
2,4,5-Trichlorophenol	ND	ug/kg	410					
2,6-Dichlorophenol	ND	ug/kg	810					
Benzoic Acid	ND	ug/kg	4100					
Benzyl Alcohol	ND	ug/kg	810					
Carbazole	ND	ug/kg	410					
Pyridine	ND	ug/kg	4100					
2-Picoline	ND	ug/kg	1600					
Pronamide	ND	ug/kg	1600					
Methyl methanesulfonate	ND	ug/kg	1600					
Surrogate(s)	Recovery		QC Criteria					
2-Fluorophenol	73.0	%	25-120					
Phenol-d6	96.0	%	10-120					
Nitrobenzene-d5	82.0	%	23-120					
2-Fluorobiphenyl	72.0	%	30-120					
2,4,6-Tribromophenol	76.0	%	19-120					
4-Terphenyl-d14	80.0	%	18-120					
PAH by GC/MS SIM 8270M				1	8270C-M	0623 14:45	0628 02:42	RL
Acenaphthene	ND	ug/kg	81.					
2-Chloronaphthalene	ND	ug/kg	81.					
Fluoranthene	2300	ug/kg	81					
Hexachlorobutadiene	ND	ug/kg	200					
Naphthalene	370	ug/kg	81					
Benzo(a)anthracene	1000	ug/kg	81					
Benzo(a)pyrene	920	ug/kg	81					
Benzo(b)fluoranthene	1200	ug/kg	81					
Benzo(k)fluoranthene	840	ug/kg	81					
Chrysene	1100	ug/kg	81					
Acenaphthylene	190	ug/kg	81					
Anthracene	310	ug/kg	81					
Benzo(ghi)perylene	580	ug/kg	81					
Fluorene	100	ug/kg	81					
Phenanthrene	940	ug/kg	81					
Dibenzo(a,h)anthracene	160	ug/kg	81					

Comments: Complete list of References and Glossary of Terms found in Addendum I

ALPHA ANALYTICAL LABORATORIES
CERTIFICATE OF ANALYSIS

Laboratory Sample Number: L0608842-04
S-4 (2-4')

PARAMETER	RESULT	UNITS	RDL	REF	METHOD	DATE PREP	DATE ANAL	ID
PAH by GC/MS SIM 8270M cont'd				1	8270C-M	0623 14:45	0628 02:42	RL
Indeno(1,2,3-cd)Pyrene	590	ug/kg	81					
Pyrene	1700	ug/kg	81					
1-Methylnaphthalene	160	ug/kg	81					
2-Methylnaphthalene	180	ug/kg	81					
Pentachlorophenol	ND	ug/kg	320					
Hexachlorobenzene	ND	ug/kg	320					
Perylene	230	ug/kg	81					
Biphenyl	ND	ug/kg	81.					
2,6-Dimethylnaphthalene	ND	ug/kg	81.					
1-Methylphenanthrene	170	ug/kg	81					
Benzo(e)Pyrene	700	ug/kg	81					
Hexachloroethane	ND	ug/kg	320					
Surrogate(s)	Recovery		QC Criteria					
2-Fluorophenol	88.0	%	25-120					
Phenol-d6	117	%	10-120					
Nitrobenzene-d5	98.0	%	23-120					
2-Fluorobiphenyl	86.0	%	30-120					
2,4,6-Tribromophenol	65.0	%	19-120					
4-Terphenyl-d14	101	%	18-120					

Comments: Complete list of References and Glossary of Terms found in Addendum I

ALPHA ANALYTICAL LABORATORIES
CERTIFICATE OF ANALYSIS

MA:M-MA086 NH:200301-A CT:PH-0574 ME:MA086 RI:65 NY:11148 NJ:MA935 Army:USACE

Laboratory Sample Number: L0608842-05
S-5 (5-7')
Sample Matrix: SOIL

Date Collected: 21-JUN-2006 09:40
Date Received : 22-JUN-2006
Date Reported : 30-JUN-2006

Condition of Sample: Satisfactory

Field Prep: None

Number & Type of Containers: 2-Amber,1-Vial

PARAMETER	RESULT	UNITS	RDL	REF	METHOD	DATE PREP	DATE ANAL	ID
Solids, Total	79	%	0.10	30	2540G		0623 17:28	PD
Total Metals				1	3051			
Antimony, Total	ND	mg/kg	2.5	1	6010B	0623 12:30	0624 22:01	MG
Arsenic, Total	3.1	mg/kg	0.50	1	6010B	0623 12:30	0624 22:01	MG
Beryllium, Total	0.40	mg/kg	0.25	1	6010B	0623 12:30	0624 22:01	MG
Cadmium, Total	ND	mg/kg	0.50	1	6010B	0623 12:30	0624 22:01	MG
Chromium, Total	26	mg/kg	0.50	1	6010B	0623 12:30	0624 22:01	MG
Copper, Total	26	mg/kg	0.50	1	6010B	0623 12:30	0624 22:01	MG
Lead, Total	150	mg/kg	2.5	1	6010B	0623 12:30	0624 22:01	MG
Mercury, Total	0.16	mg/kg	0.09	1	7471A	0626 21:00	0627 19:15	HG
Nickel, Total	14	mg/kg	1.2	1	6010B	0623 12:30	0624 22:01	MG
Selenium, Total	ND	mg/kg	1.0	1	6010B	0623 12:30	0624 22:01	MG
Silver, Total	ND	mg/kg	0.50	1	6010B	0623 12:30	0624 22:01	MG
Thallium, Total	ND	mg/kg	1.0	1	6010B	0623 12:30	0628 12:17	MG
Zinc, Total	160	mg/kg	2.5	1	6010B	0623 12:30	0624 22:01	MG
Volatile Organics by GC/MS 8260				1	8260B		0629 11:15	PD
Methylene chloride	ND	ug/kg	32.					
1,1-Dichloroethane	ND	ug/kg	4.7					
Chloroform	ND	ug/kg	4.7					
Carbon tetrachloride	ND	ug/kg	3.2					
1,2-Dichloropropane	ND	ug/kg	11.					
Dibromochloromethane	ND	ug/kg	3.2					
1,1,2-Trichloroethane	ND	ug/kg	4.7					
Tetrachloroethene	ND	ug/kg	3.2					
Chlorobenzene	ND	ug/kg	3.2					
Trichlorofluoromethane	ND	ug/kg	16.					
1,2-Dichloroethane	ND	ug/kg	3.2					
1,1,1-Trichloroethane	ND	ug/kg	3.2					
Bromodichloromethane	ND	ug/kg	3.2					
trans-1,3-Dichloropropene	ND	ug/kg	3.2					
cis-1,3-Dichloropropene	ND	ug/kg	3.2					
1,1-Dichloropropene	ND	ug/kg	16.					
Bromoform	ND	ug/kg	13.					
1,1,2,2-Tetrachloroethane	ND	ug/kg	3.2					
Benzene	ND	ug/kg	3.2					
Toluene	ND	ug/kg	4.7					

Comments: Complete list of References and Glossary of Terms found in Addendum I

ALPHA ANALYTICAL LABORATORIES
CERTIFICATE OF ANALYSIS

Laboratory Sample Number: L0608842-05
S-5 (5-7')

PARAMETER	RESULT	UNITS	RDL	REF	METHOD	DATE PREP	DATE ANAL	ID
Volatile Organics by GC/MS 8260 cont'd				1	8260B		0629 11:15	PD
Ethylbenzene	ND	ug/kg	3.2					
Chloromethane	ND	ug/kg	16.					
Bromomethane	ND	ug/kg	6.3					
Vinyl chloride	ND	ug/kg	6.3					
Chloroethane	ND	ug/kg	6.3					
1,1-Dichloroethene	ND	ug/kg	3.2					
trans-1,2-Dichloroethene	ND	ug/kg	4.7					
Trichloroethene	ND	ug/kg	3.2					
1,2-Dichlorobenzene	ND	ug/kg	16.					
1,3-Dichlorobenzene	ND	ug/kg	16.					
1,4-Dichlorobenzene	ND	ug/kg	16.					
Methyl tert butyl ether	ND	ug/kg	6.3					
p/m-Xylene	ND	ug/kg	6.3					
o-Xylene	ND	ug/kg	6.3					
cis-1,2-Dichloroethene	ND	ug/kg	3.2					
Dibromomethane	ND	ug/kg	32.					
1,4-Dichlorobutane	ND	ug/kg	32.					
Iodomethane	ND	ug/kg	32.					
1,2,3-Trichloropropane	ND	ug/kg	32.					
Styrene	ND	ug/kg	6.3					
Dichlorodifluoromethane	ND	ug/kg	32.					
Acetone	170	ug/kg	32					
Carbon disulfide	ND	ug/kg	32.					
2-Butanone	36	ug/kg	32					
Vinyl acetate	ND	ug/kg	32.					
4-Methyl-2-pentanone	ND	ug/kg	32.					
2-Hexanone	ND	ug/kg	32.					
Ethyl methacrylate	ND	ug/kg	32.					
Acrolein	ND	ug/kg	79.					
Acrylonitrile	ND	ug/kg	32.					
Bromochloromethane	ND	ug/kg	16.					
Tetrahydrofuran	ND	ug/kg	63.					
2,2-Dichloropropane	ND	ug/kg	16.					
1,2-Dibromoethane	ND	ug/kg	13.					
1,3-Dichloropropane	ND	ug/kg	16.					
1,1,1,2-Tetrachloroethane	ND	ug/kg	3.2					
Bromobenzene	ND	ug/kg	16.					
n-Butylbenzene	ND	ug/kg	3.2					
sec-Butylbenzene	ND	ug/kg	3.2					
tert-Butylbenzene	ND	ug/kg	16.					
o-Chlorotoluene	ND	ug/kg	16.					
p-Chlorotoluene	ND	ug/kg	16.					
1,2-Dibromo-3-chloropropane	ND	ug/kg	16.					
Hexachlorobutadiene	ND	ug/kg	16.					
Isopropylbenzene	ND	ug/kg	3.2					
p-Isopropyltoluene	ND	ug/kg	3.2					
Naphthalene	ND	ug/kg	16.					
n-Propylbenzene	ND	ug/kg	3.2					
1,2,3-Trichlorobenzene	ND	ug/kg	16.					

Comments: Complete list of References and Glossary of Terms found in Addendum I

ALPHA ANALYTICAL LABORATORIES
CERTIFICATE OF ANALYSIS

Laboratory Sample Number: L0608842-05
S-5 (5-7')

PARAMETER	RESULT	UNITS	RDL	REF	METHOD	DATE PREP	DATE ANAL	ID
Volatile Organics by GC/MS 8260 cont'd				1	8260B		0629 11:15	PD
1,2,4-Trichlorobenzene	ND	ug/kg	16.					
1,3,5-Trimethylbenzene	ND	ug/kg	16.					
1,2,4-Trimethylbenzene	ND	ug/kg	16.					
trans-1,4-Dichloro-2-butene	ND	ug/kg	16.					
Ethyl ether	ND	ug/kg	16.					
Surrogate(s)	Recovery		QC Criteria					
1,2-Dichloroethane-d4	101	%	70-130					
Toluene-d8	104	%	70-130					
4-Bromofluorobenzene	118	%	70-130					
Dibromofluoromethane	100	%	70-130					
SVOC's by GC/MS 8270				1	8270C	0623 14:45	0628 03:46	RL
Acenaphthene	ND	ug/kg	420					
Benzidine	ND	ug/kg	4200					
1,2,4-Trichlorobenzene	ND	ug/kg	420					
Hexachlorobenzene	ND	ug/kg	420					
Bis(2-chloroethyl)ether	ND	ug/kg	420					
1-Chloronaphthalene	ND	ug/kg	420					
2-Chloronaphthalene	ND	ug/kg	510					
1,2-Dichlorobenzene	ND	ug/kg	420					
1,3-Dichlorobenzene	ND	ug/kg	420					
1,4-Dichlorobenzene	ND	ug/kg	420					
3,3'-Dichlorobenzidine	ND	ug/kg	840					
2,4-Dinitrotoluene	ND	ug/kg	420					
2,6-Dinitrotoluene	ND	ug/kg	420					
Azobenzene	ND	ug/kg	420					
Fluoranthene	ND	ug/kg	420					
4-Chlorophenyl phenyl ether	ND	ug/kg	420					
4-Bromophenyl phenyl ether	ND	ug/kg	420					
Bis(2-chloroisopropyl)ether	ND	ug/kg	420					
Bis(2-chloroethoxy)methane	ND	ug/kg	420					
Hexachlorobutadiene	ND	ug/kg	840					
Hexachlorocyclopentadiene	ND	ug/kg	840					
Hexachloroethane	ND	ug/kg	420					
Isophorone	ND	ug/kg	420					
Naphthalene	ND	ug/kg	420					
Nitrobenzene	ND	ug/kg	420					
NDPA/DPA	ND	ug/kg	1300					
n-Nitrosodi-n-propylamine	ND	ug/kg	420					
Bis(2-ethylhexyl)phthalate	ND	ug/kg	840					
Butyl benzyl phthalate	ND	ug/kg	420					
Di-n-butylphthalate	ND	ug/kg	420					
Di-n-octylphthalate	ND	ug/kg	420					
Diethyl phthalate	ND	ug/kg	420					
Dimethyl phthalate	ND	ug/kg	420					
Benzo(a)anthracene	ND	ug/kg	420					
Benzo(a)pyrene	ND	ug/kg	420					
Benzo(b)fluoranthene	ND	ug/kg	420					

Comments: Complete list of References and Glossary of Terms found in Addendum I

ALPHA ANALYTICAL LABORATORIES
CERTIFICATE OF ANALYSIS

Laboratory Sample Number: L0608842-05
S-5 (5-7')

PARAMETER	RESULT	UNITS	RDL	REF	METHOD	DATE PREP	DATE ANAL	ID
SVOC's by GC/MS 8270 cont'd				1	8270C	0623 14:45	0628 03:46	RL
Benzo(k)fluoranthene	ND	ug/kg	420					
Chrysene	ND	ug/kg	420					
Acenaphthylene	ND	ug/kg	420					
Anthracene	ND	ug/kg	420					
Benzo(ghi)perylene	ND	ug/kg	420					
Fluorene	ND	ug/kg	420					
Phenanthrene	ND	ug/kg	420					
Dibenzo(a,h)anthracene	ND	ug/kg	420					
Indeno(1,2,3-cd)pyrene	ND	ug/kg	420					
Pyrene	ND	ug/kg	420					
Benzo(e)pyrene	ND	ug/kg	420					
Biphenyl	ND	ug/kg	420					
Perylene	ND	ug/kg	420					
Aniline	ND	ug/kg	840					
4-Chloroaniline	ND	ug/kg	420					
1-Methylnaphthalene	ND	ug/kg	420					
2-Nitroaniline	ND	ug/kg	420					
3-Nitroaniline	ND	ug/kg	420					
4-Nitroaniline	ND	ug/kg	590					
Dibenzofuran	ND	ug/kg	420					
a,a-Dimethylphenethylamine	ND	ug/kg	4200					
Hexachloropropene	ND	ug/kg	840					
Nitrosodi-n-butylamine	ND	ug/kg	840					
2-Methylnaphthalene	ND	ug/kg	420					
1,2,4,5-Tetrachlorobenzene	ND	ug/kg	1700					
Pentachlorobenzene	ND	ug/kg	1700					
a-Naphthylamine	ND	ug/kg	1700					
b-Naphthylamine	ND	ug/kg	1700					
Phenacetin	ND	ug/kg	840					
Dimethoate	ND	ug/kg	1700					
4-Aminobiphenyl	ND	ug/kg	840					
Pentachloronitrobenzene	ND	ug/kg	840					
Isodrin	ND	ug/kg	840					
p-Dimethylaminoazobenzene	ND	ug/kg	840					
Chlorobenzilate	ND	ug/kg	1700					
3-Methylcholanthrene	ND	ug/kg	1700					
Ethyl Methanesulfonate	ND	ug/kg	1300					
Acetophenone	ND	ug/kg	1700					
Nitrosodipiperidine	ND	ug/kg	1700					
7,12-Dimethylbenz(a)anthracene	ND	ug/kg	840					
n-Nitrosodimethylamine	ND	ug/kg	4200					
2,4,6-Trichlorophenol	ND	ug/kg	420					
p-Chloro-m-cresol	ND	ug/kg	420					
2-Chlorophenol	ND	ug/kg	510					
2,4-Dichlorophenol	ND	ug/kg	840					
2,4-Dimethylphenol	ND	ug/kg	420					
2-Nitrophenol	ND	ug/kg	1700					
4-Nitrophenol	ND	ug/kg	840					
2,4-Dinitrophenol	ND	ug/kg	1700					

Comments: Complete list of References and Glossary of Terms found in Addendum I

ALPHA ANALYTICAL LABORATORIES
CERTIFICATE OF ANALYSIS

Laboratory Sample Number: L0608842-05
S-5 (5-7')

PARAMETER	RESULT	UNITS	RDL	REF	METHOD	DATE PREP	DATE ANAL	ID
SVOC's by GC/MS 8270 cont'd				1	8270C	0623 14:45	0628 03:46	RL
4,6-Dinitro-o-cresol	ND	ug/kg	1700					
Pentachlorophenol	ND	ug/kg	1700					
Phenol	ND	ug/kg	590					
2-Methylphenol	ND	ug/kg	510					
3-Methylphenol/4-Methylphenol	ND	ug/kg	510					
2,4,5-Trichlorophenol	ND	ug/kg	420					
2,6-Dichlorophenol	ND	ug/kg	840					
Benzoic Acid	ND	ug/kg	4200					
Benzyl Alcohol	ND	ug/kg	840					
Carbazole	ND	ug/kg	420					
Pyridine	ND	ug/kg	4200					
2-Picoline	ND	ug/kg	1700					
Pronamide	ND	ug/kg	1700					
Methyl methanesulfonate	ND	ug/kg	1700					
Surrogate(s)	Recovery		QC Criteria					
2-Fluorophenol	82.0	%	25-120					
Phenol-d6	105	%	10-120					
Nitrobenzene-d5	92.0	%	23-120					
2-Fluorobiphenyl	83.0	%	30-120					
2,4,6-Tribromophenol	85.0	%	19-120					
4-Terphenyl-d14	84.0	%	18-120					
PAH by GC/MS SIM 8270M				1	8270C-M	0623 14:45	0628 03:30	RL
Acenaphthene	ND	ug/kg	17.					
2-Chloronaphthalene	ND	ug/kg	17.					
Fluoranthene	ND	ug/kg	17.					
Hexachlorobutadiene	ND	ug/kg	42.					
Naphthalene	ND	ug/kg	17.					
Benzo(a)anthracene	35	ug/kg	17					
Benzo(a)pyrene	46	ug/kg	17					
Benzo(b)fluoranthene	29	ug/kg	17					
Benzo(k)fluoranthene	ND	ug/kg	17					
Chrysene	36	ug/kg	17					
Acenaphthylene	ND	ug/kg	17.					
Anthracene	ND	ug/kg	17.					
Benzo(ghi)perylene	51	ug/kg	17					
Fluorene	ND	ug/kg	17.					
Phenanthrene	ND	ug/kg	17.					
Dibenzo(a,h)anthracene	29	ug/kg	17					
Indeno(1,2,3-cd)Pyrene	25	ug/kg	17					
Pyrene	ND	ug/kg	17.					
1-Methylnaphthalene	ND	ug/kg	17.					
2-Methylnaphthalene	ND	ug/kg	17.					
Pentachlorophenol	ND	ug/kg	68.					
Hexachlorobenzene	ND	ug/kg	68.					
Perylene	ND	ug/kg	17.					
Biphenyl	ND	ug/kg	17.					
2,6-Dimethylnaphthalene	ND	ug/kg	17.					

Comments: Complete list of References and Glossary of Terms found in Addendum I

ALPHA ANALYTICAL LABORATORIES
CERTIFICATE OF ANALYSIS

Laboratory Sample Number: L0608842-05
S-5 (5-7')

PARAMETER	RESULT	UNITS	RDL	REF	METHOD	DATE PREP	DATE ANAL	ID
PAH by GC/MS SIM 8270M cont'd				1	8270C-M	0623 14:45	0628 03:30	RL
1-Methylphenanthrene	ND	ug/kg	17.					
Benzo(e)Pyrene	69	ug/kg	17					
Hexachloroethane	ND	ug/kg	68.					
Surrogate(s)	Recovery		QC Criteria					
2-Fluorophenol	86.0	%	25-120					
Phenol-d6	117	%	10-120					
Nitrobenzene-d5	105	%	23-120					
2-Fluorobiphenyl	83.0	%	30-120					
2,4,6-Tribromophenol	69.0	%	19-120					
4-Terphenyl-d14	109	%	18-120					

Comments: Complete list of References and Glossary of Terms found in Addendum I

ALPHA ANALYTICAL LABORATORIES
CERTIFICATE OF ANALYSIS

MA:M-MA086 NH:200301-A CT:PH-0574 ME:MA086 RI:65 NY:11148 NJ:MA935 Army:USACE

Laboratory Sample Number: L0608842-06
S-6 (1-3')
Sample Matrix: SOIL

Date Collected: 21-JUN-2006 11:00
Date Received : 22-JUN-2006
Date Reported : 30-JUN-2006

Condition of Sample: Satisfactory

Field Prep: None

Number & Type of Containers: 2-Amber,1-Vial

PARAMETER	RESULT	UNITS	RDL	REF	METHOD	DATE PREP	DATE ANAL	ID
Solids, Total	87	%	0.10	30	2540G		0623 16:26	PD
Total Metals				1	3051			
Antimony, Total	ND	mg/kg	2.3	1	6010B	0623 12:30	0624 22:05	MG
Arsenic, Total	ND	mg/kg	0.46	1	6010B	0623 12:30	0624 22:05	MG
Beryllium, Total	0.24	mg/kg	0.23	1	6010B	0623 12:30	0624 22:05	MG
Cadmium, Total	ND	mg/kg	0.46	1	6010B	0623 12:30	0624 22:05	MG
Chromium, Total	15	mg/kg	0.46	1	6010B	0623 12:30	0624 22:05	MG
Copper, Total	37	mg/kg	0.46	1	6010B	0623 12:30	0624 22:05	MG
Lead, Total	3.6	mg/kg	2.3	1	6010B	0623 12:30	0624 22:05	MG
Mercury, Total	ND	mg/kg	0.09	1	7471A	0626 21:00	0627 19:17	HG
Nickel, Total	10	mg/kg	1.1	1	6010B	0623 12:30	0624 22:05	MG
Selenium, Total	ND	mg/kg	0.91	1	6010B	0623 12:30	0624 22:05	MG
Silver, Total	ND	mg/kg	0.46	1	6010B	0623 12:30	0624 22:05	MG
Thallium, Total	ND	mg/kg	0.91	1	6010B	0623 12:30	0628 12:21	MG
Zinc, Total	25	mg/kg	2.3	1	6010B	0623 12:30	0624 22:05	MG
Volatile Organics by GC/MS 8260				1	8260B		0626 22:23	PD
Methylene chloride	ND	ug/kg	29.					
1,1-Dichloroethane	ND	ug/kg	4.3					
Chloroform	ND	ug/kg	4.3					
Carbon tetrachloride	ND	ug/kg	2.9					
1,2-Dichloropropane	ND	ug/kg	10.					
Dibromochloromethane	ND	ug/kg	2.9					
1,1,2-Trichloroethane	ND	ug/kg	4.3					
Tetrachloroethene	ND	ug/kg	2.9					
Chlorobenzene	ND	ug/kg	2.9					
Trichlorofluoromethane	ND	ug/kg	14.					
1,2-Dichloroethane	ND	ug/kg	2.9					
1,1,1-Trichloroethane	ND	ug/kg	2.9					
Bromodichloromethane	ND	ug/kg	2.9					
trans-1,3-Dichloropropene	ND	ug/kg	2.9					
cis-1,3-Dichloropropene	ND	ug/kg	2.9					
1,1-Dichloropropene	ND	ug/kg	14.					
Bromoform	ND	ug/kg	11.					
1,1,2,2-Tetrachloroethane	ND	ug/kg	2.9					
Benzene	ND	ug/kg	2.9					
Toluene	ND	ug/kg	4.3					

Comments: Complete list of References and Glossary of Terms found in Addendum I

ALPHA ANALYTICAL LABORATORIES
CERTIFICATE OF ANALYSIS

Laboratory Sample Number: L0608842-06
S-6 (1-3')

PARAMETER	RESULT	UNITS	RDL	REF	METHOD	DATE PREP	DATE ANAL	ID
Volatile Organics by GC/MS 8260 cont'd				1	8260B		0626 22:23	PD
Ethylbenzene	ND	ug/kg	2.9					
Chloromethane	ND	ug/kg	14.					
Bromomethane	ND	ug/kg	5.7					
Vinyl chloride	ND	ug/kg	5.7					
Chloroethane	ND	ug/kg	5.7					
1,1-Dichloroethene	ND	ug/kg	2.9					
trans-1,2-Dichloroethene	ND	ug/kg	4.3					
Trichloroethene	ND	ug/kg	2.9					
1,2-Dichlorobenzene	ND	ug/kg	14.					
1,3-Dichlorobenzene	ND	ug/kg	14.					
1,4-Dichlorobenzene	ND	ug/kg	14.					
Methyl tert butyl ether	ND	ug/kg	5.7					
p/m-Xylene	ND	ug/kg	5.7					
o-Xylene	ND	ug/kg	5.7					
cis-1,2-Dichloroethene	ND	ug/kg	2.9					
Dibromomethane	ND	ug/kg	29.					
1,4-Dichlorobutane	ND	ug/kg	29.					
Iodomethane	ND	ug/kg	29.					
1,2,3-Trichloropropane	ND	ug/kg	29.					
Styrene	ND	ug/kg	5.7					
Dichlorodifluoromethane	ND	ug/kg	29.					
Acetone	ND	ug/kg	29.					
Carbon disulfide	ND	ug/kg	29.					
2-Butanone	ND	ug/kg	29.					
Vinyl acetate	ND	ug/kg	29.					
4-Methyl-2-pentanone	ND	ug/kg	29.					
2-Hexanone	ND	ug/kg	29.					
Ethyl methacrylate	ND	ug/kg	29.					
Acrolein	ND	ug/kg	72.					
Acrylonitrile	ND	ug/kg	29.					
Bromochloromethane	ND	ug/kg	14.					
Tetrahydrofuran	ND	ug/kg	57.					
2,2-Dichloropropane	ND	ug/kg	14.					
1,2-Dibromoethane	ND	ug/kg	11.					
1,3-Dichloropropane	ND	ug/kg	14.					
1,1,1,2-Tetrachloroethane	ND	ug/kg	2.9					
Bromobenzene	ND	ug/kg	14.					
n-Butylbenzene	ND	ug/kg	2.9					
sec-Butylbenzene	ND	ug/kg	2.9					
tert-Butylbenzene	ND	ug/kg	14.					
o-Chlorotoluene	ND	ug/kg	14.					
p-Chlorotoluene	ND	ug/kg	14.					
1,2-Dibromo-3-chloropropane	ND	ug/kg	14.					
Hexachlorobutadiene	ND	ug/kg	14.					
Isopropylbenzene	ND	ug/kg	2.9					
p-Isopropyltoluene	ND	ug/kg	2.9					
Naphthalene	ND	ug/kg	14.					
n-Propylbenzene	ND	ug/kg	2.9					
1,2,3-Trichlorobenzene	ND	ug/kg	14.					

Comments: Complete list of References and Glossary of Terms found in Addendum I

ALPHA ANALYTICAL LABORATORIES
CERTIFICATE OF ANALYSIS

Laboratory Sample Number: L0608842-06
S-6 (1-3')

PARAMETER	RESULT	UNITS	RDL	REF	METHOD	DATE PREP	DATE ANAL	ID
Volatile Organics by GC/MS 8260 cont'd				1	8260B		0626 22:23	PD
1,2,4-Trichlorobenzene	ND	ug/kg	14.					
1,3,5-Trimethylbenzene	ND	ug/kg	14.					
1,2,4-Trimethylbenzene	ND	ug/kg	14.					
trans-1,4-Dichloro-2-butene	ND	ug/kg	14.					
Ethyl ether	ND	ug/kg	14.					
Surrogate(s)	Recovery		QC Criteria					
1,2-Dichloroethane-d4	88.0	%	70-130					
Toluene-d8	93.0	%	70-130					
4-Bromofluorobenzene	100	%	70-130					
Dibromofluoromethane	87.0	%	70-130					
SVOC's by GC/MS 8270				1	8270C	0623 14:45	0628 04:11	RL
Acenaphthene	ND	ug/kg	380					
Benzidine	ND	ug/kg	3800					
1,2,4-Trichlorobenzene	ND	ug/kg	380					
Hexachlorobenzene	ND	ug/kg	380					
Bis(2-chloroethyl)ether	ND	ug/kg	380					
1-Chloronaphthalene	ND	ug/kg	380					
2-Chloronaphthalene	ND	ug/kg	460					
1,2-Dichlorobenzene	ND	ug/kg	380					
1,3-Dichlorobenzene	ND	ug/kg	380					
1,4-Dichlorobenzene	ND	ug/kg	380					
3,3'-Dichlorobenzidine	ND	ug/kg	770					
2,4-Dinitrotoluene	ND	ug/kg	380					
2,6-Dinitrotoluene	ND	ug/kg	380					
Azobenzene	ND	ug/kg	380					
Fluoranthene	1100	ug/kg	380					
4-Chlorophenyl phenyl ether	ND	ug/kg	380					
4-Bromophenyl phenyl ether	ND	ug/kg	380					
Bis(2-chloroisopropyl)ether	ND	ug/kg	380					
Bis(2-chloroethoxy)methane	ND	ug/kg	380					
Hexachlorobutadiene	ND	ug/kg	770					
Hexachlorocyclopentadiene	ND	ug/kg	770					
Hexachloroethane	ND	ug/kg	380					
Isophorone	ND	ug/kg	380					
Naphthalene	ND	ug/kg	380					
Nitrobenzene	ND	ug/kg	380					
NDPA/DPA	ND	ug/kg	1100					
n-Nitrosodi-n-propylamine	ND	ug/kg	380					
Bis(2-ethylhexyl)phthalate	ND	ug/kg	770					
Butyl benzyl phthalate	ND	ug/kg	380					
Di-n-butylphthalate	ND	ug/kg	380					
Di-n-octylphthalate	ND	ug/kg	380					
Diethyl phthalate	ND	ug/kg	380					
Dimethyl phthalate	ND	ug/kg	380					
Benzo(a)anthracene	520	ug/kg	380					
Benzo(a)pyrene	480	ug/kg	380					
Benzo(b)fluoranthene	390	ug/kg	380					

Comments: Complete list of References and Glossary of Terms found in Addendum I

ALPHA ANALYTICAL LABORATORIES
CERTIFICATE OF ANALYSIS

Laboratory Sample Number: L0608842-06
S-6 (1-3')

PARAMETER	RESULT	UNITS	RDL	REF	METHOD	DATE PREP	DATE ANAL	ID
SVOC's by GC/MS 8270 cont'd				1	8270C	0623 14:45	0628 04:11	RL
Benzo(k)fluoranthene	450	ug/kg	380					
Chrysene	560	ug/kg	380					
Acenaphthylene	ND	ug/kg	380					
Anthracene	ND	ug/kg	380					
Benzo(ghi)perylene	ND	ug/kg	380					
Fluorene	ND	ug/kg	380					
Phenanthrene	ND	ug/kg	380					
Dibenzo(a,h)anthracene	ND	ug/kg	380					
Indeno(1,2,3-cd)pyrene	ND	ug/kg	380					
Pyrene	1000	ug/kg	380					
Benzo(e)pyrene	ND	ug/kg	380					
Biphenyl	ND	ug/kg	380					
Perylene	ND	ug/kg	380					
Aniline	ND	ug/kg	770					
4-Chloroaniline	ND	ug/kg	380					
1-Methylnaphthalene	ND	ug/kg	380					
2-Nitroaniline	ND	ug/kg	380					
3-Nitroaniline	ND	ug/kg	380					
4-Nitroaniline	ND	ug/kg	540					
Dibenzofuran	ND	ug/kg	380					
a,a-Dimethylphenethylamine	ND	ug/kg	3800					
Hexachloropropene	ND	ug/kg	770					
Nitrosodi-n-butylamine	ND	ug/kg	770					
2-Methylnaphthalene	ND	ug/kg	380					
1,2,4,5-Tetrachlorobenzene	ND	ug/kg	1500					
Pentachlorobenzene	ND	ug/kg	1500					
a-Naphthylamine	ND	ug/kg	1500					
b-Naphthylamine	ND	ug/kg	1500					
Phenacetin	ND	ug/kg	770					
Dimethoate	ND	ug/kg	1500					
4-Aminobiphenyl	ND	ug/kg	770					
Pentachloronitrobenzene	ND	ug/kg	770					
Isodrin	ND	ug/kg	770					
p-Dimethylaminoazobenzene	ND	ug/kg	770					
Chlorobenzilate	ND	ug/kg	1500					
3-Methylcholanthrene	ND	ug/kg	1500					
Ethyl Methanesulfonate	ND	ug/kg	1100					
Acetophenone	ND	ug/kg	1500					
Nitrosodipiperidine	ND	ug/kg	1500					
7,12-Dimethylbenz(a)anthracene	ND	ug/kg	770					
n-Nitrosodimethylamine	ND	ug/kg	3800					
2,4,6-Trichlorophenol	ND	ug/kg	380					
p-Chloro-m-cresol	ND	ug/kg	380					
2-Chlorophenol	ND	ug/kg	460					
2,4-Dichlorophenol	ND	ug/kg	770					
2,4-Dimethylphenol	ND	ug/kg	380					
2-Nitrophenol	ND	ug/kg	1500					
4-Nitrophenol	ND	ug/kg	770					
2,4-Dinitrophenol	ND	ug/kg	1500					

Comments: Complete list of References and Glossary of Terms found in Addendum I

ALPHA ANALYTICAL LABORATORIES
CERTIFICATE OF ANALYSIS

Laboratory Sample Number: L0608842-06
S-6 (1-3')

PARAMETER	RESULT	UNITS	RDL	REF	METHOD	DATE PREP	DATE ANAL	ID
SVOC's by GC/MS 8270 cont'd				1	8270C	0623 14:45	0628 04:11	RL
4,6-Dinitro-o-cresol	ND	ug/kg	1500					
Pentachlorophenol	ND	ug/kg	1500					
Phenol	ND	ug/kg	540					
2-Methylphenol	ND	ug/kg	460					
3-Methylphenol/4-Methylphenol	ND	ug/kg	460					
2,4,5-Trichlorophenol	ND	ug/kg	380					
2,6-Dichlorophenol	ND	ug/kg	770					
Benzoic Acid	ND	ug/kg	3800					
Benzyl Alcohol	ND	ug/kg	770					
Carbazole	ND	ug/kg	380					
Pyridine	ND	ug/kg	3800					
2-Picoline	ND	ug/kg	1500					
Pronamide	ND	ug/kg	1500					
Methyl methanesulfonate	ND	ug/kg	1500					
Surrogate(s)	Recovery		QC Criteria					
2-Fluorophenol	78.0	%	25-120					
Phenol-d6	101	%	10-120					
Nitrobenzene-d5	92.0	%	23-120					
2-Fluorobiphenyl	80.0	%	30-120					
2,4,6-Tribromophenol	74.0	%	19-120					
4-Terphenyl-d14	86.0	%	18-120					
PAH by GC/MS SIM 8270M				1	8270C-M	0623 14:45	0628 04:18	RL
Acenaphthene	ND	ug/kg	15.					
2-Chloronaphthalene	ND	ug/kg	15.					
Fluoranthene	1200	ug/kg	15					
Hexachlorobutadiene	ND	ug/kg	38.					
Naphthalene	ND	ug/kg	15.					
Benzo(a)anthracene	590	ug/kg	15					
Benzo(a)pyrene	500	ug/kg	15					
Benzo(b)fluoranthene	340	ug/kg	15					
Benzo(k)fluoranthene	620	ug/kg	15					
Chrysene	600	ug/kg	15					
Acenaphthylene	ND	ug/kg	15.					
Anthracene	98	ug/kg	15					
Benzo(ghi)perylene	280	ug/kg	15					
Fluorene	ND	ug/kg	15.					
Phenanthrene	310	ug/kg	15					
Dibenzo(a,h)anthracene	73	ug/kg	15					
Indeno(1,2,3-cd)Pyrene	270	ug/kg	15					
Pyrene	1000	ug/kg	15					
1-Methylnaphthalene	ND	ug/kg	15.					
2-Methylnaphthalene	ND	ug/kg	15.					
Pentachlorophenol	ND	ug/kg	61.					
Hexachlorobenzene	ND	ug/kg	61.					
Perylene	120	ug/kg	15					
Biphenyl	ND	ug/kg	15.					
2,6-Dimethylnaphthalene	ND	ug/kg	15.					

Comments: Complete list of References and Glossary of Terms found in Addendum I

ALPHA ANALYTICAL LABORATORIES
CERTIFICATE OF ANALYSIS

Laboratory Sample Number: L0608842-06
S-6 (1-3')

PARAMETER	RESULT	UNITS	RDL	REF	METHOD	DATE PREP	DATE ANAL	ID
PAH by GC/MS SIM 8270M cont'd				1	8270C-M	0623 14:45	0628 04:18	RL
1-Methylphenanthrene	69	ug/kg	15					
Benzo(e)Pyrene	360	ug/kg	15					
Hexachloroethane	ND	ug/kg	61.					
Surrogate(s)	Recovery		QC Criteria					
2-Fluorophenol	88.0	%	25-120					
Phenol-d6	118	%	10-120					
Nitrobenzene-d5	107	%	23-120					
2-Fluorobiphenyl	84.0	%	30-120					
2,4,6-Tribromophenol	59.0	%	19-120					
4-Terphenyl-d14	109	%	18-120					

Comments: Complete list of References and Glossary of Terms found in Addendum I

ALPHA ANALYTICAL LABORATORIES
CERTIFICATE OF ANALYSIS

MA:M-MA086 NH:200301-A CT:PH-0574 ME:MA086 RI:65 NY:11148 NJ:MA935 Army:USACE

Laboratory Sample Number: L0608842-07
S-7 (6-8')
Sample Matrix: SOIL

Date Collected: 21-JUN-2006 10:45
Date Received : 22-JUN-2006
Date Reported : 30-JUN-2006

Condition of Sample: Satisfactory

Field Prep: None

Number & Type of Containers: 1-Amber,1-Vial

PARAMETER	RESULT	UNITS	RDL	REF	METHOD	DATE PREP	DATE ANAL	ID
Solids, Total	84	%	0.10	30	2540G		0623 16:26	PD
Total Metals				1	3051			
Antimony, Total	ND	mg/kg	2.4	1	6010B	0623 12:30	0624 22:22	MG
Arsenic, Total	8.0	mg/kg	0.48	1	6010B	0623 12:30	0624 22:22	MG
Beryllium, Total	ND	mg/kg	0.24	1	6010B	0623 12:30	0624 22:22	MG
Cadmium, Total	2.6	mg/kg	0.48	1	6010B	0623 12:30	0624 22:22	MG
Chromium, Total	26	mg/kg	0.48	1	6010B	0623 12:30	0624 22:22	MG
Copper, Total	61	mg/kg	0.48	1	6010B	0623 12:30	0624 22:22	MG
Lead, Total	1100	mg/kg	2.4	1	6010B	0623 12:30	0624 22:22	MG
Mercury, Total	1.9	mg/kg	0.19	1	7471A	0626 21:00	0627 20:24	HG
Nickel, Total	11	mg/kg	1.2	1	6010B	0623 12:30	0624 22:22	MG
Selenium, Total	1.2	mg/kg	0.95	1	6010B	0623 12:30	0624 22:22	MG
Silver, Total	ND	mg/kg	0.48	1	6010B	0623 12:30	0624 22:22	MG
Thallium, Total	ND	mg/kg	0.48	1	6010B	0623 12:30	0624 22:22	MG
Zinc, Total	1900	mg/kg	24	1	6010B	0623 12:30	0628 12:43	MG
Volatile Organics by GC/MS 8260				1	8260B		0626 23:05	PD
Methylene chloride	ND	ug/kg	30.					
1,1-Dichloroethane	ND	ug/kg	4.5					
Chloroform	ND	ug/kg	4.5					
Carbon tetrachloride	ND	ug/kg	3.0					
1,2-Dichloropropane	ND	ug/kg	10.					
Dibromochloromethane	ND	ug/kg	3.0					
1,1,2-Trichloroethane	ND	ug/kg	4.5					
Tetrachloroethene	ND	ug/kg	3.0					
Chlorobenzene	ND	ug/kg	3.0					
Trichlorofluoromethane	ND	ug/kg	15.					
1,2-Dichloroethane	ND	ug/kg	3.0					
1,1,1-Trichloroethane	ND	ug/kg	3.0					
Bromodichloromethane	ND	ug/kg	3.0					
trans-1,3-Dichloropropene	ND	ug/kg	3.0					
cis-1,3-Dichloropropene	ND	ug/kg	3.0					
1,1-Dichloropropene	ND	ug/kg	15.					
Bromoform	ND	ug/kg	12.					
1,1,2,2-Tetrachloroethane	ND	ug/kg	3.0					
Benzene	ND	ug/kg	3.0					
Toluene	ND	ug/kg	4.5					

Comments: Complete list of References and Glossary of Terms found in Addendum I

ALPHA ANALYTICAL LABORATORIES
CERTIFICATE OF ANALYSIS

Laboratory Sample Number: L0608842-07
S-7 (6-8')

PARAMETER	RESULT	UNITS	RDL	REF	METHOD	DATE PREP	DATE ANAL	ID
Volatile Organics by GC/MS 8260 cont'd				1	8260B		0626 23:05	PD
Ethylbenzene	ND	ug/kg	3.0					
Chloromethane	ND	ug/kg	15.					
Bromomethane	ND	ug/kg	6.0					
Vinyl chloride	ND	ug/kg	6.0					
Chloroethane	ND	ug/kg	6.0					
1,1-Dichloroethene	ND	ug/kg	3.0					
trans-1,2-Dichloroethene	ND	ug/kg	4.5					
Trichloroethene	ND	ug/kg	3.0					
1,2-Dichlorobenzene	ND	ug/kg	15.					
1,3-Dichlorobenzene	ND	ug/kg	15.					
1,4-Dichlorobenzene	ND	ug/kg	15.					
Methyl tert butyl ether	ND	ug/kg	6.0					
p/m-Xylene	ND	ug/kg	6.0					
o-Xylene	ND	ug/kg	6.0					
cis-1,2-Dichloroethene	ND	ug/kg	3.0					
Dibromomethane	ND	ug/kg	30.					
1,4-Dichlorobutane	ND	ug/kg	30.					
Iodomethane	ND	ug/kg	30.					
1,2,3-Trichloropropane	ND	ug/kg	30.					
Styrene	ND	ug/kg	6.0					
Dichlorodifluoromethane	ND	ug/kg	30.					
Acetone	ND	ug/kg	30.					
Carbon disulfide	ND	ug/kg	30.					
2-Butanone	ND	ug/kg	30.					
Vinyl acetate	ND	ug/kg	30.					
4-Methyl-2-pentanone	ND	ug/kg	30.					
2-Hexanone	ND	ug/kg	30.					
Ethyl methacrylate	ND	ug/kg	30.					
Acrolein	ND	ug/kg	74.					
Acrylonitrile	ND	ug/kg	30.					
Bromochloromethane	ND	ug/kg	15.					
Tetrahydrofuran	ND	ug/kg	60.					
2,2-Dichloropropane	ND	ug/kg	15.					
1,2-Dibromoethane	ND	ug/kg	12.					
1,3-Dichloropropane	ND	ug/kg	15.					
1,1,1,2-Tetrachloroethane	ND	ug/kg	3.0					
Bromobenzene	ND	ug/kg	15.					
n-Butylbenzene	ND	ug/kg	3.0					
sec-Butylbenzene	ND	ug/kg	3.0					
tert-Butylbenzene	ND	ug/kg	15.					
o-Chlorotoluene	ND	ug/kg	15.					
p-Chlorotoluene	ND	ug/kg	15.					
1,2-Dibromo-3-chloropropane	ND	ug/kg	15.					
Hexachlorobutadiene	ND	ug/kg	15.					
Isopropylbenzene	ND	ug/kg	3.0					
p-Isopropyltoluene	ND	ug/kg	3.0					
Naphthalene	ND	ug/kg	15.					
n-Propylbenzene	ND	ug/kg	3.0					
1,2,3-Trichlorobenzene	ND	ug/kg	15.					

Comments: Complete list of References and Glossary of Terms found in Addendum I

ALPHA ANALYTICAL LABORATORIES
CERTIFICATE OF ANALYSIS

Laboratory Sample Number: L0608842-07
S-7 (6-8')

PARAMETER	RESULT	UNITS	RDL	REF	METHOD	DATE PREP	DATE ANAL	ID
Volatile Organics by GC/MS 8260 cont'd				1	8260B		0626 23:05	PD
1,2,4-Trichlorobenzene	ND	ug/kg	15.					
1,3,5-Trimethylbenzene	ND	ug/kg	15.					
1,2,4-Trimethylbenzene	ND	ug/kg	15.					
trans-1,4-Dichloro-2-butene	ND	ug/kg	15.					
Ethyl ether	ND	ug/kg	15.					
Surrogate(s)	Recovery		QC Criteria					
1,2-Dichloroethane-d4	94.0	%	70-130					
Toluene-d8	93.0	%	70-130					
4-Bromofluorobenzene	104	%	70-130					
Dibromofluoromethane	89.0	%	70-130					
SVOC's by GC/MS 8270				1	8270C	0623 14:45	0628 16:02	RL
Acenaphthene	ND	ug/kg	400					
Benzidine	ND	ug/kg	4000					
1,2,4-Trichlorobenzene	ND	ug/kg	400					
Hexachlorobenzene	ND	ug/kg	400					
Bis(2-chloroethyl)ether	ND	ug/kg	400					
1-Chloronaphthalene	ND	ug/kg	400					
2-Chloronaphthalene	ND	ug/kg	480					
1,2-Dichlorobenzene	ND	ug/kg	400					
1,3-Dichlorobenzene	ND	ug/kg	400					
1,4-Dichlorobenzene	ND	ug/kg	400					
3,3'-Dichlorobenzidine	ND	ug/kg	790					
2,4-Dinitrotoluene	ND	ug/kg	400					
2,6-Dinitrotoluene	ND	ug/kg	400					
Azobenzene	ND	ug/kg	400					
Fluoranthene	ND	ug/kg	400					
4-Chlorophenyl phenyl ether	ND	ug/kg	400					
4-Bromophenyl phenyl ether	ND	ug/kg	400					
Bis(2-chloroisopropyl)ether	ND	ug/kg	400					
Bis(2-chloroethoxy)methane	ND	ug/kg	400					
Hexachlorobutadiene	ND	ug/kg	790					
Hexachlorocyclopentadiene	ND	ug/kg	790					
Hexachloroethane	ND	ug/kg	400					
Isophorone	ND	ug/kg	400					
Naphthalene	ND	ug/kg	400					
Nitrobenzene	ND	ug/kg	400					
NDPA/DPA	ND	ug/kg	1200					
n-Nitrosodi-n-propylamine	ND	ug/kg	400					
Bis(2-ethylhexyl)phthalate	ND	ug/kg	790					
Butyl benzyl phthalate	ND	ug/kg	400					
Di-n-butylphthalate	ND	ug/kg	400					
Di-n-octylphthalate	ND	ug/kg	400					
Diethyl phthalate	ND	ug/kg	400					
Dimethyl phthalate	ND	ug/kg	400					
Benzo(a)anthracene	ND	ug/kg	400					
Benzo(a)pyrene	ND	ug/kg	400					
Benzo(b)fluoranthene	ND	ug/kg	400					

Comments: Complete list of References and Glossary of Terms found in Addendum I

ALPHA ANALYTICAL LABORATORIES
CERTIFICATE OF ANALYSIS

Laboratory Sample Number: L0608842-07
S-7 (6-8')

PARAMETER	RESULT	UNITS	RDL	REF	METHOD	DATE PREP	DATE ANAL	ID
SVOC's by GC/MS 8270 cont'd				1	8270C	0623 14:45	0628 16:02	RL
Benzo(k)fluoranthene	ND	ug/kg	400					
Chrysene	ND	ug/kg	400					
Acenaphthylene	ND	ug/kg	400					
Anthracene	ND	ug/kg	400					
Benzo(ghi)perylene	ND	ug/kg	400					
Fluorene	ND	ug/kg	400					
Phenanthrene	ND	ug/kg	400					
Dibenzo(a,h)anthracene	ND	ug/kg	400					
Indeno(1,2,3-cd)pyrene	ND	ug/kg	400					
Pyrene	ND	ug/kg	400					
Benzo(e)pyrene	ND	ug/kg	400					
Biphenyl	ND	ug/kg	400					
Perylene	ND	ug/kg	400					
Aniline	ND	ug/kg	790					
4-Chloroaniline	ND	ug/kg	400					
1-Methylnaphthalene	ND	ug/kg	400					
2-Nitroaniline	ND	ug/kg	400					
3-Nitroaniline	ND	ug/kg	400					
4-Nitroaniline	ND	ug/kg	560					
Dibenzofuran	ND	ug/kg	400					
a,a-Dimethylphenethylamine	ND	ug/kg	4000					
Hexachloropropene	ND	ug/kg	790					
Nitrosodi-n-butylamine	ND	ug/kg	790					
2-Methylnaphthalene	ND	ug/kg	400					
1,2,4,5-Tetrachlorobenzene	ND	ug/kg	1600					
Pentachlorobenzene	ND	ug/kg	1600					
a-Naphthylamine	ND	ug/kg	1600					
b-Naphthylamine	ND	ug/kg	1600					
Phenacetin	ND	ug/kg	790					
Dimethoate	ND	ug/kg	1600					
4-Aminobiphenyl	ND	ug/kg	790					
Pentachloronitrobenzene	ND	ug/kg	790					
Isodrin	ND	ug/kg	790					
p-Dimethylaminoazobenzene	ND	ug/kg	790					
Chlorobenzilate	ND	ug/kg	1600					
3-Methylcholanthrene	ND	ug/kg	1600					
Ethyl Methanesulfonate	ND	ug/kg	1200					
Acetophenone	ND	ug/kg	1600					
Nitrosodipiperidine	ND	ug/kg	1600					
7,12-Dimethylbenz(a)anthracene	ND	ug/kg	790					
n-Nitrosodimethylamine	ND	ug/kg	4000					
2,4,6-Trichlorophenol	ND	ug/kg	400					
p-Chloro-m-cresol	ND	ug/kg	400					
2-Chlorophenol	ND	ug/kg	480					
2,4-Dichlorophenol	ND	ug/kg	790					
2,4-Dimethylphenol	ND	ug/kg	400					
2-Nitrophenol	ND	ug/kg	1600					
4-Nitrophenol	ND	ug/kg	790					
2,4-Dinitrophenol	ND	ug/kg	1600					

Comments: Complete list of References and Glossary of Terms found in Addendum I

ALPHA ANALYTICAL LABORATORIES
CERTIFICATE OF ANALYSIS

Laboratory Sample Number: L0608842-07
S-7 (6-8')

PARAMETER	RESULT	UNITS	RDL	REF	METHOD	DATE PREP	DATE ANAL	ID
SVOC's by GC/MS 8270 cont'd				1	8270C	0623 14:45	0628 16:02	RL
4,6-Dinitro-o-cresol	ND	ug/kg	1600					
Pentachlorophenol	ND	ug/kg	1600					
Phenol	ND	ug/kg	560					
2-Methylphenol	ND	ug/kg	480					
3-Methylphenol/4-Methylphenol	ND	ug/kg	480					
2,4,5-Trichlorophenol	ND	ug/kg	400					
2,6-Dichlorophenol	ND	ug/kg	790					
Benzoic Acid	ND	ug/kg	4000					
Benzyl Alcohol	ND	ug/kg	790					
Carbazole	ND	ug/kg	400					
Pyridine	ND	ug/kg	4000					
2-Picoline	ND	ug/kg	1600					
Pronamide	ND	ug/kg	1600					
Methyl methanesulfonate	ND	ug/kg	1600					
Surrogate(s)	Recovery		QC Criteria					
2-Fluorophenol	78.0	%	25-120					
Phenol-d6	103	%	10-120					
Nitrobenzene-d5	90.0	%	23-120					
2-Fluorobiphenyl	81.0	%	30-120					
2,4,6-Tribromophenol	86.0	%	19-120					
4-Terphenyl-d14	90.0	%	18-120					
PAH by GC/MS SIM 8270M				1	8270C-M	0623 14:45	0628 05:04	RL
Acenaphthene	ND	ug/kg	32.					
2-Chloronaphthalene	ND	ug/kg	32.					
Fluoranthene	32	ug/kg	32					
Hexachlorobutadiene	ND	ug/kg	79.					
Naphthalene	ND	ug/kg	32.					
Benzo(a)anthracene	ND	ug/kg	32.					
Benzo(a)pyrene	ND	ug/kg	32.					
Benzo(b)fluoranthene	ND	ug/kg	32.					
Benzo(k)fluoranthene	ND	ug/kg	32.					
Chrysene	ND	ug/kg	32.					
Acenaphthylene	ND	ug/kg	32.					
Anthracene	ND	ug/kg	32.					
Benzo(ghi)perylene	ND	ug/kg	32.					
Fluorene	ND	ug/kg	32.					
Phenanthrene	ND	ug/kg	32.					
Dibenzo(a,h)anthracene	ND	ug/kg	32.					
Indeno(1,2,3-cd)Pyrene	ND	ug/kg	32.					
Pyrene	33	ug/kg	32					
1-Methylnaphthalene	ND	ug/kg	32.					
2-Methylnaphthalene	ND	ug/kg	32.					
Pentachlorophenol	ND	ug/kg	130					
Hexachlorobenzene	ND	ug/kg	130					
Perylene	ND	ug/kg	32.					
Biphenyl	ND	ug/kg	32.					
2,6-Dimethylnaphthalene	ND	ug/kg	32.					

Comments: Complete list of References and Glossary of Terms found in Addendum I

ALPHA ANALYTICAL LABORATORIES
CERTIFICATE OF ANALYSIS

Laboratory Sample Number: L0608842-07
S-7 (6-8')

PARAMETER	RESULT	UNITS	RDL	REF	METHOD	DATE PREP	DATE ANAL	ID
PAH by GC/MS SIM 8270M cont'd				1	8270C-M	0623 14:45	0628 05:04	RL
1-Methylphenanthrene	ND	ug/kg	32.					
Benzo(e)Pyrene	ND	ug/kg	32.					
Hexachloroethane	ND	ug/kg	130					
Surrogate(s)	Recovery		QC Criteria					
2-Fluorophenol	88.0	%	25-120					
Phenol-d6	116	%	10-120					
Nitrobenzene-d5	101	%	23-120					
2-Fluorobiphenyl	90.0	%	30-120					
2,4,6-Tribromophenol	66.0	%	19-120					
4-Terphenyl-d14	114	%	18-120					

Comments: Complete list of References and Glossary of Terms found in Addendum I

ALPHA ANALYTICAL LABORATORIES
CERTIFICATE OF ANALYSIS

MA:M-MA086 NH:200301-A CT:PH-0574 ME:MA086 RI:65 NY:11148 NJ:MA935 Army:USACE

Laboratory Sample Number: L0608842-08
S-8 (4-6')
Sample Matrix: SOIL

Date Collected: 21-JUN-2006 10:00
Date Received : 22-JUN-2006
Date Reported : 30-JUN-2006

Condition of Sample: Satisfactory

Field Prep: None

Number & Type of Containers: 2-Amber,1-Vial

PARAMETER	RESULT	UNITS	RDL	REF	METHOD	DATE PREP	DATE ANAL	ID
Solids, Total	84	%	0.10	30	2540G		0623 16:26	PD
Total Metals				1	3051			
Antimony, Total	ND	mg/kg	2.4	1	6010B	0623 12:30	0624 22:25	MG
Arsenic, Total	4.6	mg/kg	0.47	1	6010B	0623 12:30	0624 22:25	MG
Beryllium, Total	0.26	mg/kg	0.24	1	6010B	0623 12:30	0624 22:25	MG
Cadmium, Total	ND	mg/kg	0.47	1	6010B	0623 12:30	0624 22:25	MG
Chromium, Total	15	mg/kg	0.47	1	6010B	0623 12:30	0624 22:25	MG
Copper, Total	24	mg/kg	0.47	1	6010B	0623 12:30	0624 22:25	MG
Lead, Total	88	mg/kg	2.4	1	6010B	0623 12:30	0624 22:25	MG
Mercury, Total	0.11	mg/kg	0.10	1	7471A	0626 21:00	0627 19:20	HG
Nickel, Total	8.8	mg/kg	1.2	1	6010B	0623 12:30	0624 22:25	MG
Selenium, Total	ND	mg/kg	0.94	1	6010B	0623 12:30	0624 22:25	MG
Silver, Total	ND	mg/kg	0.47	1	6010B	0623 12:30	0624 22:25	MG
Thallium, Total	ND	mg/kg	0.94	1	6010B	0623 12:30	0628 12:39	MG
Zinc, Total	93	mg/kg	2.4	1	6010B	0623 12:30	0624 22:25	MG
Volatile Organics by GC/MS 8260				1	8260B		0626 23:48	PD
Methylene chloride	ND	ug/kg	30.					
1,1-Dichloroethane	ND	ug/kg	4.5					
Chloroform	ND	ug/kg	4.5					
Carbon tetrachloride	ND	ug/kg	3.0					
1,2-Dichloropropane	ND	ug/kg	10.					
Dibromochloromethane	ND	ug/kg	3.0					
1,1,2-Trichloroethane	ND	ug/kg	4.5					
Tetrachloroethene	ND	ug/kg	3.0					
Chlorobenzene	ND	ug/kg	3.0					
Trichlorofluoromethane	ND	ug/kg	15.					
1,2-Dichloroethane	ND	ug/kg	3.0					
1,1,1-Trichloroethane	ND	ug/kg	3.0					
Bromodichloromethane	ND	ug/kg	3.0					
trans-1,3-Dichloropropene	ND	ug/kg	3.0					
cis-1,3-Dichloropropene	ND	ug/kg	3.0					
1,1-Dichloropropene	ND	ug/kg	15.					
Bromoform	ND	ug/kg	12.					
1,1,2,2-Tetrachloroethane	ND	ug/kg	3.0					
Benzene	ND	ug/kg	3.0					
Toluene	ND	ug/kg	4.5					

Comments: Complete list of References and Glossary of Terms found in Addendum I

ALPHA ANALYTICAL LABORATORIES
CERTIFICATE OF ANALYSIS

Laboratory Sample Number: L0608842-08
S-8 (4-6')

PARAMETER	RESULT	UNITS	RDL	REF	METHOD	DATE PREP	DATE ANAL	ID
Volatile Organics by GC/MS 8260 cont'd				1	8260B		0626 23:48	PD
Ethylbenzene	ND	ug/kg	3.0					
Chloromethane	ND	ug/kg	15.					
Bromomethane	ND	ug/kg	6.0					
Vinyl chloride	ND	ug/kg	6.0					
Chloroethane	ND	ug/kg	6.0					
1,1-Dichloroethene	ND	ug/kg	3.0					
trans-1,2-Dichloroethene	ND	ug/kg	4.5					
Trichloroethene	ND	ug/kg	3.0					
1,2-Dichlorobenzene	ND	ug/kg	15.					
1,3-Dichlorobenzene	ND	ug/kg	15.					
1,4-Dichlorobenzene	ND	ug/kg	15.					
Methyl tert butyl ether	ND	ug/kg	6.0					
p/m-Xylene	ND	ug/kg	6.0					
o-Xylene	ND	ug/kg	6.0					
cis-1,2-Dichloroethene	ND	ug/kg	3.0					
Dibromomethane	ND	ug/kg	30.					
1,4-Dichlorobutane	ND	ug/kg	30.					
Iodomethane	ND	ug/kg	30.					
1,2,3-Trichloropropane	ND	ug/kg	30.					
Styrene	ND	ug/kg	6.0					
Dichlorodifluoromethane	ND	ug/kg	30.					
Acetone	100	ug/kg	30					
Carbon disulfide	ND	ug/kg	30.					
2-Butanone	ND	ug/kg	30.					
Vinyl acetate	ND	ug/kg	30.					
4-Methyl-2-pentanone	ND	ug/kg	30.					
2-Hexanone	ND	ug/kg	30.					
Ethyl methacrylate	ND	ug/kg	30.					
Acrolein	ND	ug/kg	74.					
Acrylonitrile	ND	ug/kg	30.					
Bromochloromethane	ND	ug/kg	15.					
Tetrahydrofuran	ND	ug/kg	60.					
2,2-Dichloropropane	ND	ug/kg	15.					
1,2-Dibromoethane	ND	ug/kg	12.					
1,3-Dichloropropane	ND	ug/kg	15.					
1,1,1,2-Tetrachloroethane	ND	ug/kg	3.0					
Bromobenzene	ND	ug/kg	15.					
n-Butylbenzene	ND	ug/kg	3.0					
sec-Butylbenzene	ND	ug/kg	3.0					
tert-Butylbenzene	ND	ug/kg	15.					
o-Chlorotoluene	ND	ug/kg	15.					
p-Chlorotoluene	ND	ug/kg	15.					
1,2-Dibromo-3-chloropropane	ND	ug/kg	15.					
Hexachlorobutadiene	ND	ug/kg	15.					
Isopropylbenzene	ND	ug/kg	3.0					
p-Isopropyltoluene	ND	ug/kg	3.0					
Naphthalene	ND	ug/kg	15.					
n-Propylbenzene	ND	ug/kg	3.0					
1,2,3-Trichlorobenzene	ND	ug/kg	15.					

Comments: Complete list of References and Glossary of Terms found in Addendum I

ALPHA ANALYTICAL LABORATORIES
CERTIFICATE OF ANALYSIS

Laboratory Sample Number: L0608842-08
S-8 (4-6')

PARAMETER	RESULT	UNITS	RDL	REF	METHOD	DATE PREP	DATE ANAL	ID
Volatile Organics by GC/MS 8260 cont'd				1	8260B		0626 23:48	PD
1,2,4-Trichlorobenzene	ND	ug/kg	15.					
1,3,5-Trimethylbenzene	ND	ug/kg	15.					
1,2,4-Trimethylbenzene	ND	ug/kg	15.					
trans-1,4-Dichloro-2-butene	ND	ug/kg	15.					
Ethyl ether	ND	ug/kg	15.					
Surrogate(s)	Recovery		QC Criteria					
1,2-Dichloroethane-d4	92.0	%	70-130					
Toluene-d8	91.0	%	70-130					
4-Bromofluorobenzene	101	%	70-130					
Dibromofluoromethane	89.0	%	70-130					
SVOC's by GC/MS 8270				1	8270C	0623 14:45	0628 16:27	RL
Acenaphthene	ND	ug/kg	400					
Benzidine	ND	ug/kg	4000					
1,2,4-Trichlorobenzene	ND	ug/kg	400					
Hexachlorobenzene	ND	ug/kg	400					
Bis(2-chloroethyl)ether	ND	ug/kg	400					
1-Chloronaphthalene	ND	ug/kg	400					
2-Chloronaphthalene	ND	ug/kg	480					
1,2-Dichlorobenzene	ND	ug/kg	400					
1,3-Dichlorobenzene	ND	ug/kg	400					
1,4-Dichlorobenzene	ND	ug/kg	400					
3,3'-Dichlorobenzidine	ND	ug/kg	790					
2,4-Dinitrotoluene	ND	ug/kg	400					
2,6-Dinitrotoluene	ND	ug/kg	400					
Azobenzene	ND	ug/kg	400					
Fluoranthene	1000	ug/kg	400					
4-Chlorophenyl phenyl ether	ND	ug/kg	400					
4-Bromophenyl phenyl ether	ND	ug/kg	400					
Bis(2-chloroisopropyl)ether	ND	ug/kg	400					
Bis(2-chloroethoxy)methane	ND	ug/kg	400					
Hexachlorobutadiene	ND	ug/kg	790					
Hexachlorocyclopentadiene	ND	ug/kg	790					
Hexachloroethane	ND	ug/kg	400					
Isophorone	ND	ug/kg	400					
Naphthalene	ND	ug/kg	400					
Nitrobenzene	ND	ug/kg	400					
NDPA/DPA	ND	ug/kg	1200					
n-Nitrosodi-n-propylamine	ND	ug/kg	400					
Bis(2-ethylhexyl)phthalate	ND	ug/kg	790					
Butyl benzyl phthalate	ND	ug/kg	400					
Di-n-butylphthalate	ND	ug/kg	400					
Di-n-octylphthalate	ND	ug/kg	400					
Diethyl phthalate	ND	ug/kg	400					
Dimethyl phthalate	ND	ug/kg	400					
Benzo(a)anthracene	590	ug/kg	400					
Benzo(a)pyrene	660	ug/kg	400					
Benzo(b)fluoranthene	540	ug/kg	400					

Comments: Complete list of References and Glossary of Terms found in Addendum I

ALPHA ANALYTICAL LABORATORIES
CERTIFICATE OF ANALYSIS

Laboratory Sample Number: L0608842-08
S-8 (4-6')

PARAMETER	RESULT	UNITS	RDL	REF	METHOD	DATE PREP	DATE ANAL	ID
SVOC's by GC/MS 8270 cont'd				1	8270C	0623 14:45	0628 16:27	RL
Benzo(k)fluoranthene	620	ug/kg	400					
Chrysene	670	ug/kg	400					
Acenaphthylene	ND	ug/kg	400					
Anthracene	ND	ug/kg	400					
Benzo(ghi)perylene	590	ug/kg	400					
Fluorene	ND	ug/kg	400					
Phenanthrene	410	ug/kg	400					
Dibenzo(a,h)anthracene	ND	ug/kg	400					
Indeno(1,2,3-cd)pyrene	570	ug/kg	400					
Pyrene	890	ug/kg	400					
Benzo(e)pyrene	500	ug/kg	400					
Biphenyl	ND	ug/kg	400					
Perylene	ND	ug/kg	400					
Aniline	ND	ug/kg	790					
4-Chloroaniline	ND	ug/kg	400					
1-Methylnaphthalene	ND	ug/kg	400					
2-Nitroaniline	ND	ug/kg	400					
3-Nitroaniline	ND	ug/kg	400					
4-Nitroaniline	ND	ug/kg	560					
Dibenzofuran	ND	ug/kg	400					
a,a-Dimethylphenethylamine	ND	ug/kg	4000					
Hexachloropropene	ND	ug/kg	790					
Nitrosodi-n-butylamine	ND	ug/kg	790					
2-Methylnaphthalene	ND	ug/kg	400					
1,2,4,5-Tetrachlorobenzene	ND	ug/kg	1600					
Pentachlorobenzene	ND	ug/kg	1600					
a-Naphthylamine	ND	ug/kg	1600					
b-Naphthylamine	ND	ug/kg	1600					
Phenacetin	ND	ug/kg	790					
Dimethoate	ND	ug/kg	1600					
4-Aminobiphenyl	ND	ug/kg	790					
Pentachloronitrobenzene	ND	ug/kg	790					
Isodrin	ND	ug/kg	790					
p-Dimethylaminoazobenzene	ND	ug/kg	790					
Chlorobenzilate	ND	ug/kg	1600					
3-Methylcholanthrene	ND	ug/kg	1600					
Ethyl Methanesulfonate	ND	ug/kg	1200					
Acetophenone	ND	ug/kg	1600					
Nitrosodipiperidine	ND	ug/kg	1600					
7,12-Dimethylbenz(a)anthracene	ND	ug/kg	790					
n-Nitrosodimethylamine	ND	ug/kg	4000					
2,4,6-Trichlorophenol	ND	ug/kg	400					
p-Chloro-m-cresol	ND	ug/kg	400					
2-Chlorophenol	ND	ug/kg	480					
2,4-Dichlorophenol	ND	ug/kg	790					
2,4-Dimethylphenol	ND	ug/kg	400					
2-Nitrophenol	ND	ug/kg	1600					
4-Nitrophenol	ND	ug/kg	790					
2,4-Dinitrophenol	ND	ug/kg	1600					

Comments: Complete list of References and Glossary of Terms found in Addendum I

ALPHA ANALYTICAL LABORATORIES
CERTIFICATE OF ANALYSIS

Laboratory Sample Number: L0608842-08
S-8 (4-6')

PARAMETER	RESULT	UNITS	RDL	REF	METHOD	DATE PREP	DATE ANAL	ID
SVOC's by GC/MS 8270 cont'd				1	8270C	0623 14:45	0628 16:27	RL
4,6-Dinitro-o-cresol	ND	ug/kg	1600					
Pentachlorophenol	ND	ug/kg	1600					
Phenol	ND	ug/kg	560					
2-Methylphenol	ND	ug/kg	480					
3-Methylphenol/4-Methylphenol	ND	ug/kg	480					
2,4,5-Trichlorophenol	ND	ug/kg	400					
2,6-Dichlorophenol	ND	ug/kg	790					
Benzoic Acid	ND	ug/kg	4000					
Benzyl Alcohol	ND	ug/kg	790					
Carbazole	ND	ug/kg	400					
Pyridine	ND	ug/kg	4000					
2-Picoline	ND	ug/kg	1600					
Pronamide	ND	ug/kg	1600					
Methyl methanesulfonate	ND	ug/kg	1600					
Surrogate(s)	Recovery		QC Criteria					
2-Fluorophenol	75.0	%	25-120					
Phenol-d6	98.0	%	10-120					
Nitrobenzene-d5	85.0	%	23-120					
2-Fluorobiphenyl	77.0	%	30-120					
2,4,6-Tribromophenol	80.0	%	19-120					
4-Terphenyl-d14	83.0	%	18-120					
PAH by GC/MS SIM 8270M				1	8270C-M	0623 14:45	0628 05:53	RL
Acenaphthene	ND	ug/kg	79.					
2-Chloronaphthalene	ND	ug/kg	79.					
Fluoranthene	1200	ug/kg	79					
Hexachlorobutadiene	ND	ug/kg	200					
Naphthalene	ND	ug/kg	79.					
Benzo(a)anthracene	610	ug/kg	79					
Benzo(a)pyrene	620	ug/kg	79					
Benzo(b)fluoranthene	440	ug/kg	79					
Benzo(k)fluoranthene	820	ug/kg	79					
Chrysene	680	ug/kg	79					
Acenaphthylene	180	ug/kg	79					
Anthracene	130	ug/kg	79					
Benzo(ghi)perylene	510	ug/kg	79					
Fluorene	ND	ug/kg	79.					
Phenanthrene	390	ug/kg	79					
Dibenzo(a,h)anthracene	130	ug/kg	79					
Indeno(1,2,3-cd)Pyrene	440	ug/kg	79					
Pyrene	910	ug/kg	79					
1-Methylnaphthalene	ND	ug/kg	79.					
2-Methylnaphthalene	ND	ug/kg	79.					
Pentachlorophenol	ND	ug/kg	320					
Hexachlorobenzene	ND	ug/kg	320					
Perylene	160	ug/kg	79					
Biphenyl	ND	ug/kg	79.					
2,6-Dimethylnaphthalene	ND	ug/kg	79.					

Comments: Complete list of References and Glossary of Terms found in Addendum I

ALPHA ANALYTICAL LABORATORIES
CERTIFICATE OF ANALYSIS

Laboratory Sample Number: L0608842-08
S-8 (4-6')

PARAMETER	RESULT	UNITS	RDL	REF	METHOD	DATE PREP	DATE ANAL	ID
PAH by GC/MS SIM 8270M cont'd				1	8270C-M	0623 14:45	0628 05:53	RL
1-Methylphenanthrene	85	ug/kg	79					
Benzo(e)Pyrene	480	ug/kg	79					
Hexachloroethane	ND	ug/kg	320					
Surrogate(s)	Recovery		QC Criteria					
2-Fluorophenol	84.0	%	25-120					
Phenol-d6	111	%	10-120					
Nitrobenzene-d5	95.0	%	23-120					
2-Fluorobiphenyl	84.0	%	30-120					
2,4,6-Tribromophenol	63.0	%	19-120					
4-Terphenyl-d14	97.0	%	18-120					

Comments: Complete list of References and Glossary of Terms found in Addendum I

ALPHA ANALYTICAL LABORATORIES
CERTIFICATE OF ANALYSIS

MA:M-MA086 NH:200301-A CT:PH-0574 ME:MA086 RI:65 NY:11148 NJ:MA935 Army:USACE

Laboratory Sample Number: L0608842-09
S-3
Sample Matrix: WATER

Date Collected: 21-JUN-2006 08:30
Date Received : 22-JUN-2006
Date Reported : 30-JUN-2006

Condition of Sample: Satisfactory

Field Prep: None

Number & Type of Containers: 2-Amber,2-Plastic,2-Vial

PARAMETER	RESULT	UNITS	RDL	REF	METHOD	DATE PREP	DATE ANAL	ID
Total Metals				1	3015			
Antimony, Total	ND	mg/l	0.050	1	6010B	0623 19:00	0626 14:42	CF
Arsenic, Total	0.081	mg/l	0.005	1	6010B	0623 19:00	0626 14:42	CF
Beryllium, Total	0.021	mg/l	0.005	1	6010B	0623 19:00	0626 14:42	CF
Cadmium, Total	0.018	mg/l	0.005	1	6010B	0623 19:00	0626 14:42	CF
Chromium, Total	0.68	mg/l	0.01	1	6010B	0623 19:00	0626 14:42	CF
Copper, Total	1.5	mg/l	0.01	1	6010B	0623 19:00	0626 14:42	CF
Lead, Total	1.98	mg/l	0.010	1	6010B	0623 19:00	0626 14:42	CF
Mercury, Total	0.0052	mg/l	0.0002	1	7470A	0623 20:30	0626 15:24	HG
Nickel, Total	0.609	mg/l	0.025	1	6010B	0623 19:00	0626 14:42	CF
Selenium, Total	ND	mg/l	0.010	1	6010B	0623 19:00	0626 14:42	CF
Silver, Total	ND	mg/l	0.007	1	6010B	0623 19:00	0626 14:42	CF
Thallium, Total	ND	mg/l	0.025	1	6010B	0623 19:00	0628 09:29	CF
Zinc, Total	4.1	mg/l	0.05	1	6010B	0623 19:00	0626 14:42	CF
Dissolved Metals								
Antimony, Dissolved	ND	mg/l	0.050	1	6010B	0623 19:00	0626 20:37	CF
Arsenic, Dissolved	ND	mg/l	0.005	1	6010B	0623 19:00	0626 20:37	CF
Beryllium, Dissolved	ND	mg/l	0.005	1	6010B	0623 19:00	0626 20:37	CF
Cadmium, Dissolved	ND	mg/l	0.005	1	6010B	0623 19:00	0626 20:37	CF
Chromium, Dissolved	ND	mg/l	0.01	1	6010B	0623 19:00	0626 20:37	CF
Copper, Dissolved	ND	mg/l	0.01	1	6010B	0623 19:00	0626 20:37	CF
Lead, Dissolved	ND	mg/l	0.010	1	6010B	0623 19:00	0626 20:37	CF
Mercury, Dissolved	ND	mg/l	0.0002	1	7470A	0623 20:30	0626 14:58	HG
Nickel, Dissolved	ND	mg/l	0.025	1	6010B	0623 19:00	0626 20:37	CF
Selenium, Dissolved	ND	mg/l	0.010	1	6010B	0623 19:00	0626 20:37	CF
Silver, Dissolved	ND	mg/l	0.007	1	6010B	0623 19:00	0626 20:37	CF
Thallium, Dissolved	ND	mg/l	0.010	1	6010B	0623 19:00	0626 20:37	CF
Zinc, Dissolved	ND	mg/l	0.05	1	6010B	0623 19:00	0626 20:37	CF
Volatile Organics by GC/MS 8260				1	8260B		0625 22:11	PD
Methylene chloride	ND	ug/l	5.0					
1,1-Dichloroethane	ND	ug/l	0.75					
Chloroform	ND	ug/l	0.75					
Carbon tetrachloride	ND	ug/l	0.50					
1,2-Dichloropropane	ND	ug/l	1.8					
Dibromochloromethane	ND	ug/l	0.50					

Comments: Complete list of References and Glossary of Terms found in Addendum I

ALPHA ANALYTICAL LABORATORIES
CERTIFICATE OF ANALYSIS

Laboratory Sample Number: L0608842-09
S-3

PARAMETER	RESULT	UNITS	RDL	REF	METHOD	DATE PREP	DATE ANAL	ID
Volatile Organics by GC/MS 8260 cont'd				1	8260B		0625 22:11	PD
1,1,2-Trichloroethane	ND	ug/l	0.75					
Tetrachloroethene	ND	ug/l	0.50					
Chlorobenzene	ND	ug/l	0.50					
Trichlorofluoromethane	ND	ug/l	2.5					
1,2-Dichloroethane	ND	ug/l	0.50					
1,1,1-Trichloroethane	ND	ug/l	0.50					
Bromodichloromethane	ND	ug/l	0.50					
trans-1,3-Dichloropropene	ND	ug/l	0.50					
cis-1,3-Dichloropropene	ND	ug/l	0.50					
1,1-Dichloropropene	ND	ug/l	2.5					
Bromoform	ND	ug/l	2.0					
1,1,2,2-Tetrachloroethane	ND	ug/l	0.50					
Benzene	ND	ug/l	0.50					
Toluene	ND	ug/l	0.75					
Ethylbenzene	ND	ug/l	0.50					
Chloromethane	ND	ug/l	2.5					
Bromomethane	ND	ug/l	1.0					
Vinyl chloride	ND	ug/l	1.0					
Chloroethane	ND	ug/l	1.0					
1,1-Dichloroethene	ND	ug/l	0.50					
trans-1,2-Dichloroethene	ND	ug/l	0.75					
Trichloroethene	ND	ug/l	0.50					
1,2-Dichlorobenzene	ND	ug/l	2.5					
1,3-Dichlorobenzene	ND	ug/l	2.5					
1,4-Dichlorobenzene	ND	ug/l	2.5					
Methyl tert butyl ether	41	ug/l	1.0					
p/m-Xylene	ND	ug/l	1.0					
o-Xylene	ND	ug/l	1.0					
cis-1,2-Dichloroethene	ND	ug/l	0.50					
Dibromomethane	ND	ug/l	5.0					
1,4-Dichlorobutane	ND	ug/l	5.0					
Iodomethane	ND	ug/l	5.0					
1,2,3-Trichloropropane	ND	ug/l	5.0					
Styrene	ND	ug/l	1.0					
Dichlorodifluoromethane	ND	ug/l	5.0					
Acetone	6.9	ug/l	5.0					
Carbon disulfide	ND	ug/l	5.0					
2-Butanone	ND	ug/l	5.0					
Vinyl acetate	ND	ug/l	5.0					
4-Methyl-2-pentanone	ND	ug/l	5.0					
2-Hexanone	ND	ug/l	5.0					
Ethyl methacrylate	ND	ug/l	5.0					
Acrolein	ND	ug/l	12.					
Acrylonitrile	ND	ug/l	5.0					
Bromochloromethane	ND	ug/l	2.5					
Tetrahydrofuran	ND	ug/l	10.					
2,2-Dichloropropane	ND	ug/l	2.5					
1,2-Dibromoethane	ND	ug/l	2.0					
1,3-Dichloropropane	ND	ug/l	2.5					

Comments: Complete list of References and Glossary of Terms found in Addendum I

ALPHA ANALYTICAL LABORATORIES
CERTIFICATE OF ANALYSIS

Laboratory Sample Number: L0608842-09
S-3

PARAMETER	RESULT	UNITS	RDL	REF	METHOD	DATE PREP	DATE ANAL	ID
Volatile Organics by GC/MS 8260 cont'd				1	8260B		0625 22:11	PD
1,1,1,2-Tetrachloroethane	ND	ug/l	0.50					
Bromobenzene	ND	ug/l	2.5					
n-Butylbenzene	ND	ug/l	0.50					
sec-Butylbenzene	ND	ug/l	0.50					
tert-Butylbenzene	ND	ug/l	2.5					
o-Chlorotoluene	ND	ug/l	2.5					
p-Chlorotoluene	ND	ug/l	2.5					
1,2-Dibromo-3-chloropropane	ND	ug/l	2.5					
Hexachlorobutadiene	ND	ug/l	0.60					
Isopropylbenzene	ND	ug/l	0.50					
p-Isopropyltoluene	ND	ug/l	0.50					
Naphthalene	ND	ug/l	2.5					
n-Propylbenzene	ND	ug/l	0.50					
1,2,3-Trichlorobenzene	ND	ug/l	2.5					
1,2,4-Trichlorobenzene	ND	ug/l	2.5					
1,3,5-Trimethylbenzene	ND	ug/l	2.5					
1,2,4-Trimethylbenzene	ND	ug/l	2.5					
trans-1,4-Dichloro-2-butene	ND	ug/l	2.5					
Ethyl ether	ND	ug/l	2.5					
Surrogate(s)	Recovery		QC Criteria					
1,2-Dichloroethane-d4	81.0	%	70-130					
Toluene-d8	74.0	%	70-130					
4-Bromofluorobenzene	75.0	%	70-130					
Dibromofluoromethane	79.0	%	70-130					
SVOC's by GC/MS 8270				1	8270C	0626 13:15	0629 06:14	RL
Acenaphthene	ND	ug/l	4.9					
Benzidine	ND	ug/l	49.					
1,2,4-Trichlorobenzene	ND	ug/l	4.9					
Hexachlorobenzene	ND	ug/l	4.9					
Bis(2-chloroethyl)ether	ND	ug/l	4.9					
1-Chloronaphthalene	ND	ug/l	4.9					
2-Chloronaphthalene	ND	ug/l	5.9					
1,2-Dichlorobenzene	ND	ug/l	4.9					
1,3-Dichlorobenzene	ND	ug/l	4.9					
1,4-Dichlorobenzene	ND	ug/l	4.9					
3,3'-Dichlorobenzidine	ND	ug/l	49.					
2,4-Dinitrotoluene	ND	ug/l	5.9					
2,6-Dinitrotoluene	ND	ug/l	4.9					
Azobenzene	ND	ug/l	4.9					
Fluoranthene	ND	ug/l	4.9					
4-Chlorophenyl phenyl ether	ND	ug/l	4.9					
4-Bromophenyl phenyl ether	ND	ug/l	4.9					
Bis(2-chloroisopropyl)ether	ND	ug/l	4.9					
Bis(2-chloroethoxy)methane	ND	ug/l	4.9					
Hexachlorobutadiene	ND	ug/l	9.9					
Hexachlorocyclopentadiene	ND	ug/l	9.9					
Hexachloroethane	ND	ug/l	4.9					

Comments: Complete list of References and Glossary of Terms found in Addendum I

ALPHA ANALYTICAL LABORATORIES
CERTIFICATE OF ANALYSIS

Laboratory Sample Number: L0608842-09
S-3

PARAMETER	RESULT	UNITS	RDL	REF	METHOD	DATE PREP	DATE ANAL	ID
SVOC's by GC/MS 8270 cont'd				1	8270C	0626 13:15	0629 06:14	RL
Isophorone	ND	ug/l	4.9					
Naphthalene	ND	ug/l	4.9					
Nitrobenzene	ND	ug/l	4.9					
NDPA/DPA	ND	ug/l	15.					
n-Nitrosodi-n-propylamine	ND	ug/l	4.9					
Bis(2-ethylhexyl)phthalate	ND	ug/l	9.9					
Butyl benzyl phthalate	ND	ug/l	4.9					
Di-n-butylphthalate	ND	ug/l	4.9					
Di-n-octylphthalate	ND	ug/l	4.9					
Diethyl phthalate	ND	ug/l	4.9					
Dimethyl phthalate	ND	ug/l	4.9					
Benzo(a)anthracene	ND	ug/l	4.9					
Benzo(a)pyrene	ND	ug/l	4.9					
Benzo(b)fluoranthene	ND	ug/l	4.9					
Benzo(k)fluoranthene	ND	ug/l	4.9					
Chrysene	ND	ug/l	4.9					
Acenaphthylene	ND	ug/l	4.9					
Anthracene	ND	ug/l	4.9					
Benzo(ghi)perylene	ND	ug/l	4.9					
Fluorene	ND	ug/l	4.9					
Phenanthrene	ND	ug/l	4.9					
Dibenzo(a,h)anthracene	ND	ug/l	4.9					
Indeno(1,2,3-cd)pyrene	ND	ug/l	6.9					
Pyrene	ND	ug/l	4.9					
Benzo(e)pyrene	ND	ug/l	4.9					
Biphenyl	ND	ug/l	4.9					
Perylene	ND	ug/l	4.9					
Aniline	ND	ug/l	9.9					
4-Chloroaniline	ND	ug/l	4.9					
1-Methylnaphthalene	ND	ug/l	4.9					
2-Nitroaniline	ND	ug/l	4.9					
3-Nitroaniline	ND	ug/l	4.9					
4-Nitroaniline	ND	ug/l	6.9					
Dibenzofuran	ND	ug/l	4.9					
a,a-Dimethylphenethylamine	ND	ug/l	49.					
Hexachloropropene	ND	ug/l	9.9					
Nitrosodi-n-butylamine	ND	ug/l	9.9					
2-Methylnaphthalene	ND	ug/l	4.9					
1,2,4,5-Tetrachlorobenzene	ND	ug/l	20.					
Pentachlorobenzene	ND	ug/l	20.					
a-Naphthylamine	ND	ug/l	20.					
b-Naphthylamine	ND	ug/l	20.					
Phenacetin	ND	ug/l	9.9					
Dimethoate	ND	ug/l	20.					
4-Aminobiphenyl	ND	ug/l	9.9					
Pentachloronitrobenzene	ND	ug/l	9.9					
Isodrin	ND	ug/l	9.9					
p-Dimethylaminoazobenzene	ND	ug/l	9.9					
Chlorobenzilate	ND	ug/l	20.					

Comments: Complete list of References and Glossary of Terms found in Addendum I

ALPHA ANALYTICAL LABORATORIES
CERTIFICATE OF ANALYSIS

Laboratory Sample Number: L0608842-09
S-3

PARAMETER	RESULT	UNITS	RDL	REF	METHOD	DATE PREP	DATE ANAL	ID
SVOC's by GC/MS 8270 cont'd				1	8270C	0626 13:15	0629 06:14	RL
3-Methylcholanthrene	ND	ug/l	20.					
Ethyl Methanesulfonate	ND	ug/l	15.					
Acetophenone	ND	ug/l	20.					
Nitrosodipiperidine	ND	ug/l	20.					
7,12-Dimethylbenz(a)anthracene	ND	ug/l	9.9					
n-Nitrosodimethylamine	ND	ug/l	49.					
2,4,6-Trichlorophenol	ND	ug/l	4.9					
p-Chloro-m-cresol	ND	ug/l	4.9					
2-Chlorophenol	ND	ug/l	5.9					
2,4-Dichlorophenol	ND	ug/l	9.9					
2,4-Dimethylphenol	ND	ug/l	9.9					
2-Nitrophenol	ND	ug/l	20.					
4-Nitrophenol	ND	ug/l	9.9					
2,4-Dinitrophenol	ND	ug/l	20.					
4,6-Dinitro-o-cresol	ND	ug/l	20.					
Pentachlorophenol	ND	ug/l	20.					
Phenol	ND	ug/l	6.9					
2-Methylphenol	ND	ug/l	5.9					
3-Methylphenol/4-Methylphenol	ND	ug/l	5.9					
2,4,5-Trichlorophenol	ND	ug/l	4.9					
2,6-Dichlorophenol	ND	ug/l	9.9					
Benzoic Acid	ND	ug/l	49.					
Benzyl Alcohol	ND	ug/l	9.9					
Carbazole	ND	ug/l	4.9					
Pyridine	ND	ug/l	49.					
2-Picoline	ND	ug/l	20.					
Pronamide	ND	ug/l	20.					
Methyl methanesulfonate	ND	ug/l	20.					
Surrogate(s)	Recovery		QC Criteria					
2-Fluorophenol	43.0	%	21-120					
Phenol-d6	36.0	%	10-120					
Nitrobenzene-d5	76.0	%	23-120					
2-Fluorobiphenyl	78.0	%	43-120					
2,4,6-Tribromophenol	83.0	%	10-120					
4-Terphenyl-d14	86.0	%	33-120					
PAH by GC/MS SIM 8270M				1	8270C-M	0626 13:15	0629 06:54	RL
Acenaphthene	ND	ug/l	0.20					
2-Chloronaphthalene	ND	ug/l	0.20					
Fluoranthene	ND	ug/l	0.20					
Hexachlorobutadiene	ND	ug/l	0.49					
Naphthalene	ND	ug/l	0.20					
Benzo(a)anthracene	ND	ug/l	0.20					
Benzo(a)pyrene	ND	ug/l	0.20					
Benzo(b)fluoranthene	ND	ug/l	0.20					
Benzo(k)fluoranthene	ND	ug/l	0.20					
Chrysene	ND	ug/l	0.20					
Acenaphthylene	ND	ug/l	0.20					

Comments: Complete list of References and Glossary of Terms found in Addendum I

ALPHA ANALYTICAL LABORATORIES
CERTIFICATE OF ANALYSIS

Laboratory Sample Number: L0608842-09
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PARAMETER	RESULT	UNITS	RDL	REF METHOD	DATE PREP	DATE ANAL	ID
PAH by GC/MS SIM 8270M cont'd				1 8270C-M	0626 13:15	0629 06:54	RL
Anthracene	ND	ug/l	0.20				
Benzo(ghi)perylene	ND	ug/l	0.20				
Fluorene	ND	ug/l	0.20				
Phenanthrene	ND	ug/l	0.20				
Dibenzo(a,h)anthracene	ND	ug/l	0.20				
Indeno(1,2,3-cd)Pyrene	ND	ug/l	0.20				
Pyrene	ND	ug/l	0.20				
1-Methylnaphthalene	0.33	ug/l	0.20				
2-Methylnaphthalene	0.24	ug/l	0.20				
Pentachlorophenol	ND	ug/l	0.79				
Hexachlorobenzene	ND	ug/l	0.79				
Perylene	ND	ug/l	0.20				
Biphenyl	ND	ug/l	0.20				
2,6-Dimethylnaphthalene	ND	ug/l	0.20				
1-Methylphenanthrene	ND	ug/l	0.20				
Benzo(e)Pyrene	ND	ug/l	0.20				
Hexachloroethane	ND	ug/l	0.79				
Surrogate(s)	Recovery		QC Criteria				
2-Fluorophenol	46.0	%	21-120				
Phenol-d6	43.0	%	10-120				
Nitrobenzene-d5	84.0	%	23-120				
2-Fluorobiphenyl	70.0	%	43-120				
2,4,6-Tribromophenol	52.0	%	10-120				
4-Terphenyl-d14	74.0	%	33-120				

Comments: Complete list of References and Glossary of Terms found in Addendum I

ALPHA ANALYTICAL LABORATORIES
CERTIFICATE OF ANALYSIS

MA:M-MA086 NH:200301-A CT:PH-0574 ME:MA086 RI:65 NY:11148 NJ:MA935 Army:USACE

Laboratory Sample Number: L0608842-10
S-6
Sample Matrix: WATER

Date Collected: 21-JUN-2006 11:15
Date Received : 22-JUN-2006
Date Reported : 30-JUN-2006

Condition of Sample: Satisfactory

Field Prep: None

Number & Type of Containers: 2-Amber,2-Plastic,2-Vial

PARAMETER	RESULT	UNITS	RDL	REF	METHOD	DATE PREP	DATE ANAL	ID
Total Metals				1	3015			
Antimony, Total	ND	mg/l	0.050	1	6010B	0623 19:00	0626 14:45	CF
Arsenic, Total	0.011	mg/l	0.005	1	6010B	0623 19:00	0626 14:45	CF
Beryllium, Total	0.012	mg/l	0.005	1	6010B	0623 19:00	0626 14:45	CF
Cadmium, Total	0.013	mg/l	0.005	1	6010B	0623 19:00	0626 14:45	CF
Chromium, Total	0.65	mg/l	0.01	1	6010B	0623 19:00	0626 14:45	CF
Copper, Total	2.8	mg/l	0.01	1	6010B	0623 19:00	0626 14:45	CF
Lead, Total	0.339	mg/l	0.010	1	6010B	0623 19:00	0626 14:45	CF
Mercury, Total	0.0009	mg/l	0.0002	1	7470A	0623 20:30	0626 15:25	HG
Nickel, Total	0.513	mg/l	0.025	1	6010B	0623 19:00	0626 14:45	CF
Selenium, Total	ND	mg/l	0.010	1	6010B	0623 19:00	0626 14:45	CF
Silver, Total	ND	mg/l	0.007	1	6010B	0623 19:00	0626 14:45	CF
Thallium, Total	ND	mg/l	0.020	1	6010B	0623 19:00	0627 15:16	CF
Zinc, Total	1.6	mg/l	0.05	1	6010B	0623 19:00	0626 14:45	CF
Dissolved Metals								
Antimony, Dissolved	ND	mg/l	0.050	1	6010B	0623 19:00	0626 20:49	CF
Arsenic, Dissolved	ND	mg/l	0.005	1	6010B	0623 19:00	0626 20:49	CF
Beryllium, Dissolved	ND	mg/l	0.005	1	6010B	0623 19:00	0626 20:49	CF
Cadmium, Dissolved	ND	mg/l	0.005	1	6010B	0623 19:00	0626 20:49	CF
Chromium, Dissolved	0.01	mg/l	0.01	1	6010B	0623 19:00	0626 20:49	CF
Copper, Dissolved	ND	mg/l	0.01	1	6010B	0623 19:00	0626 20:49	CF
Lead, Dissolved	ND	mg/l	0.010	1	6010B	0623 19:00	0626 20:49	CF
Mercury, Dissolved	ND	mg/l	0.0002	1	7470A	0623 20:30	0626 15:00	HG
Nickel, Dissolved	ND	mg/l	0.025	1	6010B	0623 19:00	0626 20:49	CF
Selenium, Dissolved	ND	mg/l	0.010	1	6010B	0623 19:00	0626 20:49	CF
Silver, Dissolved	ND	mg/l	0.007	1	6010B	0623 19:00	0626 20:49	CF
Thallium, Dissolved	ND	mg/l	0.010	1	6010B	0623 19:00	0626 20:49	CF
Zinc, Dissolved	ND	mg/l	0.05	1	6010B	0623 19:00	0626 20:49	CF
Volatile Organics by GC/MS 8260				1	8260B		0625 22:50	PD
Methylene chloride	ND	ug/l	5.0					
1,1-Dichloroethane	ND	ug/l	0.75					
Chloroform	0.78	ug/l	0.75					
Carbon tetrachloride	ND	ug/l	0.50					
1,2-Dichloropropane	ND	ug/l	1.8					
Dibromochloromethane	ND	ug/l	0.50					

Comments: Complete list of References and Glossary of Terms found in Addendum I

ALPHA ANALYTICAL LABORATORIES
CERTIFICATE OF ANALYSIS

Laboratory Sample Number: L0608842-10
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PARAMETER	RESULT	UNITS	RDL	REF	METHOD	DATE PREP	DATE ANAL	ID
Volatile Organics by GC/MS 8260 cont'd				1	8260B		0625 22:50	PD
1,1,2-Trichloroethane	ND	ug/l	0.75					
Tetrachloroethene	ND	ug/l	0.50					
Chlorobenzene	ND	ug/l	0.50					
Trichlorofluoromethane	ND	ug/l	2.5					
1,2-Dichloroethane	ND	ug/l	0.50					
1,1,1-Trichloroethane	ND	ug/l	0.50					
Bromodichloromethane	ND	ug/l	0.50					
trans-1,3-Dichloropropene	ND	ug/l	0.50					
cis-1,3-Dichloropropene	ND	ug/l	0.50					
1,1-Dichloropropene	ND	ug/l	2.5					
Bromoform	ND	ug/l	2.0					
1,1,2,2-Tetrachloroethane	ND	ug/l	0.50					
Benzene	ND	ug/l	0.50					
Toluene	ND	ug/l	0.75					
Ethylbenzene	ND	ug/l	0.50					
Chloromethane	ND	ug/l	2.5					
Bromomethane	ND	ug/l	1.0					
Vinyl chloride	ND	ug/l	1.0					
Chloroethane	ND	ug/l	1.0					
1,1-Dichloroethene	ND	ug/l	0.50					
trans-1,2-Dichloroethene	ND	ug/l	0.75					
Trichloroethene	ND	ug/l	0.50					
1,2-Dichlorobenzene	ND	ug/l	2.5					
1,3-Dichlorobenzene	ND	ug/l	2.5					
1,4-Dichlorobenzene	ND	ug/l	2.5					
Methyl tert butyl ether	ND	ug/l	1.0					
p/m-Xylene	ND	ug/l	1.0					
o-Xylene	ND	ug/l	1.0					
cis-1,2-Dichloroethene	ND	ug/l	0.50					
Dibromomethane	ND	ug/l	5.0					
1,4-Dichlorobutane	ND	ug/l	5.0					
Iodomethane	ND	ug/l	5.0					
1,2,3-Trichloropropane	ND	ug/l	5.0					
Styrene	ND	ug/l	1.0					
Dichlorodifluoromethane	ND	ug/l	5.0					
Acetone	ND	ug/l	5.0					
Carbon disulfide	ND	ug/l	5.0					
2-Butanone	ND	ug/l	5.0					
Vinyl acetate	ND	ug/l	5.0					
4-Methyl-2-pentanone	ND	ug/l	5.0					
2-Hexanone	ND	ug/l	5.0					
Ethyl methacrylate	ND	ug/l	5.0					
Acrolein	ND	ug/l	12.					
Acrylonitrile	ND	ug/l	5.0					
Bromochloromethane	ND	ug/l	2.5					
Tetrahydrofuran	ND	ug/l	10.					
2,2-Dichloropropane	ND	ug/l	2.5					
1,2-Dibromoethane	ND	ug/l	2.0					
1,3-Dichloropropane	ND	ug/l	2.5					

Comments: Complete list of References and Glossary of Terms found in Addendum I

ALPHA ANALYTICAL LABORATORIES
CERTIFICATE OF ANALYSIS

Laboratory Sample Number: L0608842-10
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PARAMETER	RESULT	UNITS	RDL	REF	METHOD	DATE PREP	DATE ANAL	ID
Volatile Organics by GC/MS 8260 cont'd				1	8260B		0625 22:50	PD
1,1,1,2-Tetrachloroethane	ND	ug/l	0.50					
Bromobenzene	ND	ug/l	2.5					
n-Butylbenzene	ND	ug/l	0.50					
sec-Butylbenzene	ND	ug/l	0.50					
tert-Butylbenzene	ND	ug/l	2.5					
o-Chlorotoluene	ND	ug/l	2.5					
p-Chlorotoluene	ND	ug/l	2.5					
1,2-Dibromo-3-chloropropane	ND	ug/l	2.5					
Hexachlorobutadiene	ND	ug/l	0.60					
Isopropylbenzene	ND	ug/l	0.50					
p-Isopropyltoluene	ND	ug/l	0.50					
Naphthalene	ND	ug/l	2.5					
n-Propylbenzene	ND	ug/l	0.50					
1,2,3-Trichlorobenzene	ND	ug/l	2.5					
1,2,4-Trichlorobenzene	ND	ug/l	2.5					
1,3,5-Trimethylbenzene	ND	ug/l	2.5					
1,2,4-Trimethylbenzene	ND	ug/l	2.5					
trans-1,4-Dichloro-2-butene	ND	ug/l	2.5					
Ethyl ether	ND	ug/l	2.5					
Surrogate(s)	Recovery		QC Criteria					
1,2-Dichloroethane-d4	85.0	%	70-130					
Toluene-d8	76.0	%	70-130					
4-Bromofluorobenzene	76.0	%	70-130					
Dibromofluoromethane	81.0	%	70-130					
SVOC's by GC/MS 8270				1	8270C	0626 13:15	0628 19:32	RL
Acenaphthene	ND	ug/l	5.0					
Benzidine	ND	ug/l	50.					
1,2,4-Trichlorobenzene	ND	ug/l	5.0					
Hexachlorobenzene	ND	ug/l	5.0					
Bis(2-chloroethyl)ether	ND	ug/l	5.0					
1-Chloronaphthalene	ND	ug/l	5.0					
2-Chloronaphthalene	ND	ug/l	6.0					
1,2-Dichlorobenzene	ND	ug/l	5.0					
1,3-Dichlorobenzene	ND	ug/l	5.0					
1,4-Dichlorobenzene	ND	ug/l	5.0					
3,3'-Dichlorobenzidine	ND	ug/l	50.					
2,4-Dinitrotoluene	ND	ug/l	6.0					
2,6-Dinitrotoluene	ND	ug/l	5.0					
Azobenzene	ND	ug/l	5.0					
Fluoranthene	ND	ug/l	5.0					
4-Chlorophenyl phenyl ether	ND	ug/l	5.0					
4-Bromophenyl phenyl ether	ND	ug/l	5.0					
Bis(2-chloroisopropyl)ether	ND	ug/l	5.0					
Bis(2-chloroethoxy)methane	ND	ug/l	5.0					
Hexachlorobutadiene	ND	ug/l	10.					
Hexachlorocyclopentadiene	ND	ug/l	10.					
Hexachloroethane	ND	ug/l	5.0					

Comments: Complete list of References and Glossary of Terms found in Addendum I

ALPHA ANALYTICAL LABORATORIES
CERTIFICATE OF ANALYSIS

Laboratory Sample Number: L0608842-10
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PARAMETER	RESULT	UNITS	RDL	REF	METHOD	DATE PREP	DATE ANAL	ID
SVOC's by GC/MS 8270 cont'd				1	8270C	0626 13:15	0628 19:32	RL
Isophorone	ND	ug/l	5.0					
Naphthalene	ND	ug/l	5.0					
Nitrobenzene	ND	ug/l	5.0					
NDPA/DPA	ND	ug/l	15.					
n-Nitrosodi-n-propylamine	ND	ug/l	5.0					
Bis(2-ethylhexyl)phthalate	ND	ug/l	10.					
Butyl benzyl phthalate	ND	ug/l	5.0					
Di-n-butylphthalate	ND	ug/l	5.0					
Di-n-octylphthalate	ND	ug/l	5.0					
Diethyl phthalate	ND	ug/l	5.0					
Dimethyl phthalate	ND	ug/l	5.0					
Benzo(a)anthracene	ND	ug/l	5.0					
Benzo(a)pyrene	ND	ug/l	5.0					
Benzo(b)fluoranthene	ND	ug/l	5.0					
Benzo(k)fluoranthene	ND	ug/l	5.0					
Chrysene	ND	ug/l	5.0					
Acenaphthylene	ND	ug/l	5.0					
Anthracene	ND	ug/l	5.0					
Benzo(ghi)perylene	ND	ug/l	5.0					
Fluorene	ND	ug/l	5.0					
Phenanthrene	ND	ug/l	5.0					
Dibenzo(a,h)anthracene	ND	ug/l	5.0					
Indeno(1,2,3-cd)pyrene	ND	ug/l	7.0					
Pyrene	ND	ug/l	5.0					
Benzo(e)pyrene	ND	ug/l	5.0					
Biphenyl	ND	ug/l	5.0					
Perylene	ND	ug/l	5.0					
Aniline	ND	ug/l	10.					
4-Chloroaniline	ND	ug/l	5.0					
1-Methylnaphthalene	ND	ug/l	5.0					
2-Nitroaniline	ND	ug/l	5.0					
3-Nitroaniline	ND	ug/l	5.0					
4-Nitroaniline	ND	ug/l	7.0					
Dibenzofuran	ND	ug/l	5.0					
a,a-Dimethylphenethylamine	ND	ug/l	50.					
Hexachloropropene	ND	ug/l	10.					
Nitrosodi-n-butylamine	ND	ug/l	10.					
2-Methylnaphthalene	ND	ug/l	5.0					
1,2,4,5-Tetrachlorobenzene	ND	ug/l	20.					
Pentachlorobenzene	ND	ug/l	20.					
a-Naphthylamine	ND	ug/l	20.					
b-Naphthylamine	ND	ug/l	20.					
Phenacetin	ND	ug/l	10.					
Dimethoate	ND	ug/l	20.					
4-Aminobiphenyl	ND	ug/l	10.					
Pentachloronitrobenzene	ND	ug/l	10.					
Isodrin	ND	ug/l	10.					
p-Dimethylaminoazobenzene	ND	ug/l	10.					
Chlorobenzilate	ND	ug/l	20.					

Comments: Complete list of References and Glossary of Terms found in Addendum I

ALPHA ANALYTICAL LABORATORIES
CERTIFICATE OF ANALYSIS

Laboratory Sample Number: L0608842-10
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PARAMETER	RESULT	UNITS	RDL	REF	METHOD	DATE PREP	DATE ANAL	ID
SVOC's by GC/MS 8270 cont'd				1	8270C	0626 13:15	0628 19:32	RL
3-Methylcholanthrene	ND	ug/l	20.					
Ethyl Methanesulfonate	ND	ug/l	15.					
Acetophenone	ND	ug/l	20.					
Nitrosodipiperidine	ND	ug/l	20.					
7,12-Dimethylbenz(a)anthracene	ND	ug/l	10.					
n-Nitrosodimethylamine	ND	ug/l	50.					
2,4,6-Trichlorophenol	ND	ug/l	5.0					
p-Chloro-m-cresol	ND	ug/l	5.0					
2-Chlorophenol	ND	ug/l	6.0					
2,4-Dichlorophenol	ND	ug/l	10.					
2,4-Dimethylphenol	ND	ug/l	10.					
2-Nitrophenol	ND	ug/l	20.					
4-Nitrophenol	ND	ug/l	10.					
2,4-Dinitrophenol	ND	ug/l	20.					
4,6-Dinitro-o-cresol	ND	ug/l	20.					
Pentachlorophenol	ND	ug/l	20.					
Phenol	ND	ug/l	7.0					
2-Methylphenol	ND	ug/l	6.0					
3-Methylphenol/4-Methylphenol	ND	ug/l	6.0					
2,4,5-Trichlorophenol	ND	ug/l	5.0					
2,6-Dichlorophenol	ND	ug/l	10.					
Benzoic Acid	ND	ug/l	50.					
Benzyl Alcohol	ND	ug/l	10.					
Carbazole	ND	ug/l	5.0					
Pyridine	ND	ug/l	50.					
2-Picoline	ND	ug/l	20.					
Pronamide	ND	ug/l	20.					
Methyl methanesulfonate	ND	ug/l	20.					
Surrogate(s)	Recovery		QC Criteria					
2-Fluorophenol	45.0	%	21-120					
Phenol-d6	42.0	%	10-120					
Nitrobenzene-d5	86.0	%	23-120					
2-Fluorobiphenyl	84.0	%	43-120					
2,4,6-Tribromophenol	88.0	%	10-120					
4-Terphenyl-d14	102	%	33-120					
PAH by GC/MS SIM 8270M				1	8270C-M	0626 13:15	0629 07:40	RL
Acenaphthene	ND	ug/l	0.20					
2-Chloronaphthalene	ND	ug/l	0.20					
Fluoranthene	0.26	ug/l	0.20					
Hexachlorobutadiene	ND	ug/l	0.50					
Naphthalene	ND	ug/l	0.20					
Benzo(a)anthracene	ND	ug/l	0.20					
Benzo(a)pyrene	ND	ug/l	0.20					
Benzo(b)fluoranthene	ND	ug/l	0.20					
Benzo(k)fluoranthene	ND	ug/l	0.20					
Chrysene	ND	ug/l	0.20					
Acenaphthylene	ND	ug/l	0.20					

Comments: Complete list of References and Glossary of Terms found in Addendum I

ALPHA ANALYTICAL LABORATORIES
CERTIFICATE OF ANALYSIS

Laboratory Sample Number: L0608842-10
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PARAMETER	RESULT	UNITS	RDL	REF METHOD	DATE PREP	DATE ANAL	ID
PAH by GC/MS SIM 8270M cont'd				1 8270C-M	0626 13:15	0629 07:40	RL
Anthracene	ND	ug/l	0.20				
Benzo(ghi)perylene	ND	ug/l	0.20				
Fluorene	ND	ug/l	0.20				
Phenanthrene	0.34	ug/l	0.20				
Dibenzo(a,h)anthracene	ND	ug/l	0.20				
Indeno(1,2,3-cd)Pyrene	ND	ug/l	0.20				
Pyrene	0.27	ug/l	0.20				
1-Methylnaphthalene	ND	ug/l	0.20				
2-Methylnaphthalene	ND	ug/l	0.20				
Pentachlorophenol	ND	ug/l	0.80				
Hexachlorobenzene	ND	ug/l	0.80				
Perylene	ND	ug/l	0.20				
Biphenyl	ND	ug/l	0.20				
2,6-Dimethylnaphthalene	ND	ug/l	0.20				
1-Methylphenanthrene	ND	ug/l	0.20				
Benzo(e)Pyrene	ND	ug/l	0.20				
Hexachloroethane	ND	ug/l	0.80				
Surrogate(s)	Recovery		QC Criteria				
2-Fluorophenol	46.0	%	21-120				
Phenol-d6	42.0	%	10-120				
Nitrobenzene-d5	82.0	%	23-120				
2-Fluorobiphenyl	68.0	%	43-120				
2,4,6-Tribromophenol	55.0	%	10-120				
4-Terphenyl-d14	90.0	%	33-120				

Comments: Complete list of References and Glossary of Terms found in Addendum I

ALPHA ANALYTICAL LABORATORIES
CERTIFICATE OF ANALYSIS

MA:M-MA086 NH:200301-A CT:PH-0574 ME:MA086 RI:65 NY:11148 NJ:MA935 Army:USACE

Laboratory Sample Number: L0608842-11 S-8
Sample Matrix: WATER

Date Collected: 21-JUN-2006 10:10
Date Received : 22-JUN-2006
Date Reported : 30-JUN-2006

Condition of Sample: Satisfactory

Field Prep: None

Number & Type of Containers: 2-Amber,2-Plastic,2-Vial

PARAMETER	RESULT	UNITS	RDL	REF	METHOD	DATE PREP	DATE ANAL	ID
Total Metals				1	3015			
Antimony, Total	ND	mg/l	0.050	1	6010B	0623 19:00	0626 15:36	CF
Arsenic, Total	0.135	mg/l	0.005	1	6010B	0623 19:00	0626 15:36	CF
Beryllium, Total	0.014	mg/l	0.005	1	6010B	0623 19:00	0626 15:36	CF
Cadmium, Total	0.113	mg/l	0.005	1	6010B	0623 19:00	0626 15:36	CF
Chromium, Total	1.0	mg/l	0.01	1	6010B	0623 19:00	0626 15:36	CF
Copper, Total	7.8	mg/l	0.01	1	6010B	0623 19:00	0626 15:36	CF
Lead, Total	40.2	mg/l	0.010	1	6010B	0623 19:00	0626 15:36	CF
Mercury, Total	0.0580	mg/l	0.0020	1	7470A	0623 20:30	0626 18:58	HG
Nickel, Total	0.653	mg/l	0.025	1	6010B	0623 19:00	0626 15:36	CF
Selenium, Total	ND	mg/l	0.010	1	6010B	0623 19:00	0626 15:36	CF
Silver, Total	0.008	mg/l	0.007	1	6010B	0623 19:00	0626 15:36	CF
Thallium, Total	ND	mg/l	0.050	1	6010B	0623 19:00	0627 15:20	CF
Zinc, Total	38	mg/l	0.05	1	6010B	0623 19:00	0626 15:36	CF
Dissolved Metals								
Antimony, Dissolved	ND	mg/l	0.050	1	6010B	0623 19:00	0626 20:53	CF
Arsenic, Dissolved	ND	mg/l	0.005	1	6010B	0623 19:00	0626 20:53	CF
Beryllium, Dissolved	ND	mg/l	0.005	1	6010B	0623 19:00	0626 20:53	CF
Cadmium, Dissolved	ND	mg/l	0.005	1	6010B	0623 19:00	0626 20:53	CF
Chromium, Dissolved	ND	mg/l	0.01	1	6010B	0623 19:00	0626 20:53	CF
Copper, Dissolved	ND	mg/l	0.01	1	6010B	0623 19:00	0626 20:53	CF
Lead, Dissolved	ND	mg/l	0.010	1	6010B	0623 19:00	0626 20:53	CF
Mercury, Dissolved	ND	mg/l	0.0002	1	7470A	0623 20:30	0626 15:02	HG
Nickel, Dissolved	ND	mg/l	0.025	1	6010B	0623 19:00	0626 20:53	CF
Selenium, Dissolved	ND	mg/l	0.010	1	6010B	0623 19:00	0626 20:53	CF
Silver, Dissolved	ND	mg/l	0.007	1	6010B	0623 19:00	0626 20:53	CF
Thallium, Dissolved	ND	mg/l	0.010	1	6010B	0623 19:00	0626 20:53	CF
Zinc, Dissolved	ND	mg/l	0.05	1	6010B	0623 19:00	0626 20:53	CF
Volatile Organics by GC/MS 8260				1	8260B		0625 23:30	PD
Methylene chloride	ND	ug/l	5.0					
1,1-Dichloroethane	ND	ug/l	0.75					
Chloroform	ND	ug/l	0.75					
Carbon tetrachloride	ND	ug/l	0.50					
1,2-Dichloropropane	ND	ug/l	1.8					
Dibromochloromethane	ND	ug/l	0.50					

Comments: Complete list of References and Glossary of Terms found in Addendum I

ALPHA ANALYTICAL LABORATORIES
CERTIFICATE OF ANALYSIS

Laboratory Sample Number: L0608842-11
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PARAMETER	RESULT	UNITS	RDL	REF	METHOD	DATE PREP	DATE ANAL	ID
Volatile Organics by GC/MS 8260 cont'd				1	8260B		0625 23:30	PD
1,1,2-Trichloroethane	ND	ug/l	0.75					
Tetrachloroethene	ND	ug/l	0.50					
Chlorobenzene	ND	ug/l	0.50					
Trichlorofluoromethane	ND	ug/l	2.5					
1,2-Dichloroethane	ND	ug/l	0.50					
1,1,1-Trichloroethane	ND	ug/l	0.50					
Bromodichloromethane	ND	ug/l	0.50					
trans-1,3-Dichloropropene	ND	ug/l	0.50					
cis-1,3-Dichloropropene	ND	ug/l	0.50					
1,1-Dichloropropene	ND	ug/l	2.5					
Bromoform	ND	ug/l	2.0					
1,1,2,2-Tetrachloroethane	ND	ug/l	0.50					
Benzene	ND	ug/l	0.50					
Toluene	ND	ug/l	0.75					
Ethylbenzene	ND	ug/l	0.50					
Chloromethane	ND	ug/l	2.5					
Bromomethane	ND	ug/l	1.0					
Vinyl chloride	ND	ug/l	1.0					
Chloroethane	ND	ug/l	1.0					
1,1-Dichloroethene	ND	ug/l	0.50					
trans-1,2-Dichloroethene	ND	ug/l	0.75					
Trichloroethene	ND	ug/l	0.50					
1,2-Dichlorobenzene	ND	ug/l	2.5					
1,3-Dichlorobenzene	ND	ug/l	2.5					
1,4-Dichlorobenzene	ND	ug/l	2.5					
Methyl tert butyl ether	3.7	ug/l	1.0					
p/m-Xylene	ND	ug/l	1.0					
o-Xylene	ND	ug/l	1.0					
cis-1,2-Dichloroethene	ND	ug/l	0.50					
Dibromomethane	ND	ug/l	5.0					
1,4-Dichlorobutane	ND	ug/l	5.0					
Iodomethane	ND	ug/l	5.0					
1,2,3-Trichloropropane	ND	ug/l	5.0					
Styrene	ND	ug/l	1.0					
Dichlorodifluoromethane	ND	ug/l	5.0					
Acetone	ND	ug/l	5.0					
Carbon disulfide	ND	ug/l	5.0					
2-Butanone	ND	ug/l	5.0					
Vinyl acetate	ND	ug/l	5.0					
4-Methyl-2-pentanone	ND	ug/l	5.0					
2-Hexanone	ND	ug/l	5.0					
Ethyl methacrylate	ND	ug/l	5.0					
Acrolein	ND	ug/l	12.					
Acrylonitrile	ND	ug/l	5.0					
Bromochloromethane	ND	ug/l	2.5					
Tetrahydrofuran	ND	ug/l	10.					
2,2-Dichloropropane	ND	ug/l	2.5					
1,2-Dibromoethane	ND	ug/l	2.0					
1,3-Dichloropropane	ND	ug/l	2.5					

Comments: Complete list of References and Glossary of Terms found in Addendum I

ALPHA ANALYTICAL LABORATORIES
CERTIFICATE OF ANALYSIS

Laboratory Sample Number: L0608842-11
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PARAMETER	RESULT	UNITS	RDL	REF	METHOD	DATE PREP	DATE ANAL	ID
Volatile Organics by GC/MS 8260 cont'd				1	8260B		0625 23:30	PD
1,1,1,2-Tetrachloroethane	ND	ug/l	0.50					
Bromobenzene	ND	ug/l	2.5					
n-Butylbenzene	ND	ug/l	0.50					
sec-Butylbenzene	ND	ug/l	0.50					
tert-Butylbenzene	ND	ug/l	2.5					
o-Chlorotoluene	ND	ug/l	2.5					
p-Chlorotoluene	ND	ug/l	2.5					
1,2-Dibromo-3-chloropropane	ND	ug/l	2.5					
Hexachlorobutadiene	ND	ug/l	0.60					
Isopropylbenzene	ND	ug/l	0.50					
p-Isopropyltoluene	ND	ug/l	0.50					
Naphthalene	ND	ug/l	2.5					
n-Propylbenzene	ND	ug/l	0.50					
1,2,3-Trichlorobenzene	ND	ug/l	2.5					
1,2,4-Trichlorobenzene	ND	ug/l	2.5					
1,3,5-Trimethylbenzene	ND	ug/l	2.5					
1,2,4-Trimethylbenzene	ND	ug/l	2.5					
trans-1,4-Dichloro-2-butene	ND	ug/l	2.5					
Ethyl ether	ND	ug/l	2.5					
Surrogate(s)	Recovery		QC Criteria					
1,2-Dichloroethane-d4	95.0	%	70-130					
Toluene-d8	84.0	%	70-130					
4-Bromofluorobenzene	84.0	%	70-130					
Dibromofluoromethane	92.0	%	70-130					
SVOC's by GC/MS 8270				1	8270C	0626 13:15	0628 19:57	RL
Acenaphthene	ND	ug/l	4.8					
Benzidine	ND	ug/l	48.					
1,2,4-Trichlorobenzene	ND	ug/l	4.8					
Hexachlorobenzene	ND	ug/l	4.8					
Bis(2-chloroethyl)ether	ND	ug/l	4.8					
1-Chloronaphthalene	ND	ug/l	4.8					
2-Chloronaphthalene	ND	ug/l	5.7					
1,2-Dichlorobenzene	ND	ug/l	4.8					
1,3-Dichlorobenzene	ND	ug/l	4.8					
1,4-Dichlorobenzene	ND	ug/l	4.8					
3,3'-Dichlorobenzidine	ND	ug/l	48.					
2,4-Dinitrotoluene	ND	ug/l	5.7					
2,6-Dinitrotoluene	ND	ug/l	4.8					
Azobenzene	ND	ug/l	4.8					
Fluoranthene	ND	ug/l	4.8					
4-Chlorophenyl phenyl ether	ND	ug/l	4.8					
4-Bromophenyl phenyl ether	ND	ug/l	4.8					
Bis(2-chloroisopropyl)ether	ND	ug/l	4.8					
Bis(2-chloroethoxy)methane	ND	ug/l	4.8					
Hexachlorobutadiene	ND	ug/l	9.5					
Hexachlorocyclopentadiene	ND	ug/l	9.5					
Hexachloroethane	ND	ug/l	4.8					

Comments: Complete list of References and Glossary of Terms found in Addendum I

ALPHA ANALYTICAL LABORATORIES
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Laboratory Sample Number: L0608842-11
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PARAMETER	RESULT	UNITS	RDL	REF	METHOD	DATE PREP	DATE ANAL	ID
SVOC's by GC/MS 8270 cont'd				1	8270C	0626 13:15	0628 19:57	RL
Isophorone	ND	ug/l	4.8					
Naphthalene	ND	ug/l	4.8					
Nitrobenzene	ND	ug/l	4.8					
NDPA/DPA	ND	ug/l	14.					
n-Nitrosodi-n-propylamine	ND	ug/l	4.8					
Bis(2-ethylhexyl)phthalate	ND	ug/l	9.5					
Butyl benzyl phthalate	ND	ug/l	4.8					
Di-n-butylphthalate	ND	ug/l	4.8					
Di-n-octylphthalate	ND	ug/l	4.8					
Diethyl phthalate	ND	ug/l	4.8					
Dimethyl phthalate	ND	ug/l	4.8					
Benzo(a)anthracene	ND	ug/l	4.8					
Benzo(a)pyrene	ND	ug/l	4.8					
Benzo(b)fluoranthene	ND	ug/l	4.8					
Benzo(k)fluoranthene	ND	ug/l	4.8					
Chrysene	ND	ug/l	4.8					
Acenaphthylene	ND	ug/l	4.8					
Anthracene	ND	ug/l	4.8					
Benzo(ghi)perylene	ND	ug/l	4.8					
Fluorene	ND	ug/l	4.8					
Phenanthrene	ND	ug/l	4.8					
Dibenzo(a,h)anthracene	ND	ug/l	4.8					
Indeno(1,2,3-cd)pyrene	ND	ug/l	6.7					
Pyrene	ND	ug/l	4.8					
Benzo(e)pyrene	ND	ug/l	4.8					
Biphenyl	ND	ug/l	4.8					
Perylene	ND	ug/l	4.8					
Aniline	ND	ug/l	9.5					
4-Chloroaniline	ND	ug/l	4.8					
1-Methylnaphthalene	ND	ug/l	4.8					
2-Nitroaniline	ND	ug/l	4.8					
3-Nitroaniline	ND	ug/l	4.8					
4-Nitroaniline	ND	ug/l	6.7					
Dibenzofuran	ND	ug/l	4.8					
a,a-Dimethylphenethylamine	ND	ug/l	48.					
Hexachloropropene	ND	ug/l	9.5					
Nitrosodi-n-butylamine	ND	ug/l	9.5					
2-Methylnaphthalene	ND	ug/l	4.8					
1,2,4,5-Tetrachlorobenzene	ND	ug/l	19.					
Pentachlorobenzene	ND	ug/l	19.					
a-Naphthylamine	ND	ug/l	19.					
b-Naphthylamine	ND	ug/l	19.					
Phenacetin	ND	ug/l	9.5					
Dimethoate	ND	ug/l	19.					
4-Aminobiphenyl	ND	ug/l	9.5					
Pentachloronitrobenzene	ND	ug/l	9.5					
Isodrin	ND	ug/l	9.5					
p-Dimethylaminoazobenzene	ND	ug/l	9.5					
Chlorobenzilate	ND	ug/l	19.					

Comments: Complete list of References and Glossary of Terms found in Addendum I

ALPHA ANALYTICAL LABORATORIES
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Laboratory Sample Number: L0608842-11
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PARAMETER	RESULT	UNITS	RDL	REF	METHOD	DATE PREP	DATE ANAL	ID
SVOC's by GC/MS 8270 cont'd				1	8270C	0626 13:15	0628 19:57	RL
3-Methylcholanthrene	ND	ug/l	19.					
Ethyl Methanesulfonate	ND	ug/l	14.					
Acetophenone	ND	ug/l	19.					
Nitrosodipiperidine	ND	ug/l	19.					
7,12-Dimethylbenz(a)anthracene	ND	ug/l	9.5					
n-Nitrosodimethylamine	ND	ug/l	48.					
2,4,6-Trichlorophenol	ND	ug/l	4.8					
p-Chloro-m-cresol	ND	ug/l	4.8					
2-Chlorophenol	ND	ug/l	5.7					
2,4-Dichlorophenol	ND	ug/l	9.5					
2,4-Dimethylphenol	ND	ug/l	9.5					
2-Nitrophenol	ND	ug/l	19.					
4-Nitrophenol	ND	ug/l	9.5					
2,4-Dinitrophenol	ND	ug/l	19.					
4,6-Dinitro-o-cresol	ND	ug/l	19.					
Pentachlorophenol	ND	ug/l	19.					
Phenol	ND	ug/l	6.7					
2-Methylphenol	ND	ug/l	5.7					
3-Methylphenol/4-Methylphenol	ND	ug/l	5.7					
2,4,5-Trichlorophenol	ND	ug/l	4.8					
2,6-Dichlorophenol	ND	ug/l	9.5					
Benzoic Acid	ND	ug/l	48.					
Benzyl Alcohol	ND	ug/l	9.5					
Carbazole	ND	ug/l	4.8					
Pyridine	ND	ug/l	48.					
2-Picoline	ND	ug/l	19.					
Pronamide	ND	ug/l	19.					
Methyl methanesulfonate	ND	ug/l	19.					
Surrogate(s)	Recovery		QC Criteria					
2-Fluorophenol	34.0	%	21-120					
Phenol-d6	31.0	%	10-120					
Nitrobenzene-d5	64.0	%	23-120					
2-Fluorobiphenyl	69.0	%	43-120					
2,4,6-Tribromophenol	82.0	%	10-120					
4-Terphenyl-d14	94.0	%	33-120					
PAH by GC/MS SIM 8270M				1	8270C-M	0626 13:15	0629 08:22	RL
Acenaphthene	ND	ug/l	0.19					
2-Chloronaphthalene	ND	ug/l	0.19					
Fluoranthene	0.29	ug/l	0.19					
Hexachlorobutadiene	ND	ug/l	0.48					
Naphthalene	ND	ug/l	0.19					
Benzo(a)anthracene	ND	ug/l	0.19					
Benzo(a)pyrene	ND	ug/l	0.19					
Benzo(b)fluoranthene	ND	ug/l	0.19					
Benzo(k)fluoranthene	ND	ug/l	0.19					
Chrysene	ND	ug/l	0.19					
Acenaphthylene	ND	ug/l	0.19					

Comments: Complete list of References and Glossary of Terms found in Addendum I

ALPHA ANALYTICAL LABORATORIES
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Laboratory Sample Number: L0608842-11
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PARAMETER	RESULT	UNITS	RDL	REF	METHOD	DATE PREP	DATE ANAL	ID
PAH by GC/MS SIM 8270M cont'd				1	8270C-M	0626 13:15	0629 08:22	RL
Anthracene	ND	ug/l	0.19					
Benzo(ghi)perylene	ND	ug/l	0.19					
Fluorene	ND	ug/l	0.19					
Phenanthrene	0.21	ug/l	0.19					
Dibenzo(a,h)anthracene	ND	ug/l	0.19					
Indeno(1,2,3-cd)Pyrene	ND	ug/l	0.19					
Pyrene	0.28	ug/l	0.19					
1-Methylnaphthalene	ND	ug/l	0.19					
2-Methylnaphthalene	ND	ug/l	0.19					
Pentachlorophenol	ND	ug/l	0.76					
Hexachlorobenzene	ND	ug/l	0.76					
Perylene	ND	ug/l	0.19					
Biphenyl	ND	ug/l	0.19					
2,6-Dimethylnaphthalene	ND	ug/l	0.19					
1-Methylphenanthrene	ND	ug/l	0.19					
Benzo(e)Pyrene	ND	ug/l	0.19					
Hexachloroethane	ND	ug/l	0.76					
Surrogate(s)	Recovery		QC Criteria					
2-Fluorophenol	35.0	%	21-120					
Phenol-d6	33.0	%	10-120					
Nitrobenzene-d5	63.0	%	23-120					
2-Fluorobiphenyl	55.0	%	43-120					
2,4,6-Tribromophenol	51.0	%	10-120					
4-Terphenyl-d14	89.0	%	33-120					

Comments: Complete list of References and Glossary of Terms found in Addendum I

ALPHA ANALYTICAL LABORATORIES
CERTIFICATE OF ANALYSIS

MA:M-MA086 NH:200301-A CT:PH-0574 ME:MA086 RI:65 NY:11148 NJ:MA935 Army:USACE

Laboratory Sample Number: L0608842-12
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Sample Matrix: WATER

Date Collected: 21-JUN-2006 11:45
Date Received : 22-JUN-2006
Date Reported : 30-JUN-2006

Condition of Sample: Satisfactory

Field Prep: None

Number & Type of Containers: 2-Amber,2-Plastic,2-Vial

PARAMETER	RESULT	UNITS	RDL	REF	METHOD	DATE PREP	DATE ANAL	ID
Total Metals				1	3015			
Antimony, Total	ND	mg/l	0.050	1	6010B	0623 19:00	0626 15:40	CF
Arsenic, Total	0.010	mg/l	0.005	1	6010B	0623 19:00	0626 15:40	CF
Beryllium, Total	ND	mg/l	0.005	1	6010B	0623 19:00	0626 15:40	CF
Cadmium, Total	ND	mg/l	0.005	1	6010B	0623 19:00	0626 15:40	CF
Chromium, Total	0.17	mg/l	0.01	1	6010B	0623 19:00	0626 15:40	CF
Copper, Total	0.21	mg/l	0.01	1	6010B	0623 19:00	0626 15:40	CF
Lead, Total	0.106	mg/l	0.010	1	6010B	0623 19:00	0626 15:40	CF
Mercury, Total	ND	mg/l	0.0002	1	7470A	0623 20:30	0626 16:01	HG
Nickel, Total	0.145	mg/l	0.025	1	6010B	0623 19:00	0626 15:40	CF
Selenium, Total	ND	mg/l	0.010	1	6010B	0623 19:00	0626 15:40	CF
Silver, Total	ND	mg/l	0.007	1	6010B	0623 19:00	0626 15:40	CF
Thallium, Total	ND	mg/l	0.010	1	6010B	0623 19:00	0626 15:40	CF
Zinc, Total	0.25	mg/l	0.05	1	6010B	0623 19:00	0626 15:40	CF
Dissolved Metals								
Antimony, Dissolved	ND	mg/l	0.050	1	6010B	0623 19:00	0626 20:56	CF
Arsenic, Dissolved	ND	mg/l	0.005	1	6010B	0623 19:00	0626 20:56	CF
Beryllium, Dissolved	ND	mg/l	0.005	1	6010B	0623 19:00	0626 20:56	CF
Cadmium, Dissolved	ND	mg/l	0.005	1	6010B	0623 19:00	0626 20:56	CF
Chromium, Dissolved	ND	mg/l	0.01	1	6010B	0623 19:00	0626 20:56	CF
Copper, Dissolved	ND	mg/l	0.01	1	6010B	0623 19:00	0626 20:56	CF
Lead, Dissolved	ND	mg/l	0.010	1	6010B	0623 19:00	0626 20:56	CF
Mercury, Dissolved	ND	mg/l	0.0002	1	7470A	0623 20:30	0626 15:04	HG
Nickel, Dissolved	ND	mg/l	0.025	1	6010B	0623 19:00	0626 20:56	CF
Selenium, Dissolved	ND	mg/l	0.010	1	6010B	0623 19:00	0626 20:56	CF
Silver, Dissolved	ND	mg/l	0.007	1	6010B	0623 19:00	0626 20:56	CF
Thallium, Dissolved	ND	mg/l	0.010	1	6010B	0623 19:00	0626 20:56	CF
Zinc, Dissolved	ND	mg/l	0.05	1	6010B	0623 19:00	0626 20:56	CF
Volatile Organics by GC/MS 8260				1	8260B		0626 00:10	PD
Methylene chloride	ND	ug/l	10.					
1,1-Dichloroethane	ND	ug/l	1.5					
Chloroform	ND	ug/l	1.5					
Carbon tetrachloride	ND	ug/l	1.0					
1,2-Dichloropropane	ND	ug/l	3.5					
Dibromochloromethane	ND	ug/l	1.0					

Comments: Complete list of References and Glossary of Terms found in Addendum I

ALPHA ANALYTICAL LABORATORIES
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Laboratory Sample Number: L0608842-12
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PARAMETER	RESULT	UNITS	RDL	REF	METHOD	DATE PREP	DATE ANAL	ID
Volatile Organics by GC/MS 8260 cont'd				1	8260B		0626 00:10	PD
1,1,2-Trichloroethane	ND	ug/l	1.5					
Tetrachloroethene	ND	ug/l	1.0					
Chlorobenzene	ND	ug/l	1.0					
Trichlorofluoromethane	ND	ug/l	5.0					
1,2-Dichloroethane	ND	ug/l	1.0					
1,1,1-Trichloroethane	ND	ug/l	1.0					
Bromodichloromethane	ND	ug/l	1.0					
trans-1,3-Dichloropropene	ND	ug/l	1.0					
cis-1,3-Dichloropropene	ND	ug/l	1.0					
1,1-Dichloropropene	ND	ug/l	5.0					
Bromoform	ND	ug/l	4.0					
1,1,2,2-Tetrachloroethane	ND	ug/l	1.0					
Benzene	76	ug/l	1.0					
Toluene	120	ug/l	1.5					
Ethylbenzene	14	ug/l	1.0					
Chloromethane	ND	ug/l	5.0					
Bromomethane	ND	ug/l	2.0					
Vinyl chloride	ND	ug/l	2.0					
Chloroethane	ND	ug/l	2.0					
1,1-Dichloroethene	ND	ug/l	1.0					
trans-1,2-Dichloroethene	ND	ug/l	1.5					
Trichloroethene	ND	ug/l	1.0					
1,2-Dichlorobenzene	ND	ug/l	5.0					
1,3-Dichlorobenzene	ND	ug/l	5.0					
1,4-Dichlorobenzene	ND	ug/l	5.0					
Methyl tert butyl ether	14	ug/l	2.0					
p/m-Xylene	>200	ug/l	2					
o-Xylene	38	ug/l	2.0					
cis-1,2-Dichloroethene	ND	ug/l	1.0					
Dibromomethane	ND	ug/l	10.					
1,4-Dichlorobutane	ND	ug/l	10.					
Iodomethane	ND	ug/l	10.					
1,2,3-Trichloropropane	ND	ug/l	10.					
Styrene	ND	ug/l	2.0					
Dichlorodifluoromethane	ND	ug/l	10.					
Acetone	13	ug/l	10					
Carbon disulfide	ND	ug/l	10.					
2-Butanone	ND	ug/l	10.					
Vinyl acetate	ND	ug/l	10.					
4-Methyl-2-pentanone	ND	ug/l	10.					
2-Hexanone	ND	ug/l	10.					
Ethyl methacrylate	ND	ug/l	10.					
Acrolein	ND	ug/l	25.					
Acrylonitrile	ND	ug/l	10.					
Bromochloromethane	ND	ug/l	5.0					
Tetrahydrofuran	ND	ug/l	20.					
2,2-Dichloropropane	ND	ug/l	5.0					
1,2-Dibromoethane	ND	ug/l	4.0					
1,3-Dichloropropane	ND	ug/l	5.0					

Comments: Complete list of References and Glossary of Terms found in Addendum I

ALPHA ANALYTICAL LABORATORIES
CERTIFICATE OF ANALYSIS

Laboratory Sample Number: L0608842-12
S-2

PARAMETER	RESULT	UNITS	RDL	REF	METHOD	DATE PREP	DATE ANAL	ID
Volatile Organics by GC/MS 8260 cont'd				1	8260B		0626 00:10	PD
1,1,1,2-Tetrachloroethane	ND	ug/l	1.0					
Bromobenzene	ND	ug/l	5.0					
n-Butylbenzene	6.0	ug/l	1.0					
sec-Butylbenzene	6.8	ug/l	1.0					
tert-Butylbenzene	ND	ug/l	5.0					
o-Chlorotoluene	ND	ug/l	5.0					
p-Chlorotoluene	ND	ug/l	5.0					
1,2-Dibromo-3-chloropropane	ND	ug/l	5.0					
Hexachlorobutadiene	ND	ug/l	1.2					
Isopropylbenzene	87	ug/l	1.0					
p-Isopropyltoluene	1.4	ug/l	1.0					
Naphthalene	16	ug/l	5.0					
n-Propylbenzene	140	ug/l	1.0					
1,2,3-Trichlorobenzene	ND	ug/l	5.0					
1,2,4-Trichlorobenzene	ND	ug/l	5.0					
1,3,5-Trimethylbenzene	15	ug/l	5.0					
1,2,4-Trimethylbenzene	ND	ug/l	5.0					
trans-1,4-Dichloro-2-butene	ND	ug/l	5.0					
Ethyl ether	ND	ug/l	5.0					
Surrogate(s)	Recovery		QC Criteria					
1,2-Dichloroethane-d4	83.0	%	70-130					
Toluene-d8	84.0	%	70-130					
4-Bromofluorobenzene	90.0	%	70-130					
Dibromofluoromethane	74.0	%	70-130					
Volatile Organics by GC/MS 8260				1	8260B		0626 11:08	PD
p/m-Xylene	430	ug/l	10					
Surrogate(s)	Recovery		QC Criteria					
1,2-Dichloroethane-d4	80.0	%	70-130					
Toluene-d8	82.0	%	70-130					
4-Bromofluorobenzene	87.0	%	70-130					
Dibromofluoromethane	76.0	%	70-130					
SVOC's by GC/MS 8270				1	8270C	0626 13:15	0628 20:22	RL
Acenaphthene	ND	ug/l	5.0					
Benzidine	ND	ug/l	50.					
1,2,4-Trichlorobenzene	ND	ug/l	5.0					
Hexachlorobenzene	ND	ug/l	5.0					
Bis(2-chloroethyl)ether	ND	ug/l	5.0					
1-Chloronaphthalene	ND	ug/l	5.0					
2-Chloronaphthalene	ND	ug/l	6.0					
1,2-Dichlorobenzene	ND	ug/l	5.0					
1,3-Dichlorobenzene	ND	ug/l	5.0					
1,4-Dichlorobenzene	ND	ug/l	5.0					
3,3'-Dichlorobenzidine	ND	ug/l	50.					
2,4-Dinitrotoluene	ND	ug/l	6.0					
2,6-Dinitrotoluene	ND	ug/l	5.0					

Comments: Complete list of References and Glossary of Terms found in Addendum I

ALPHA ANALYTICAL LABORATORIES
CERTIFICATE OF ANALYSIS

Laboratory Sample Number: L0608842-12
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PARAMETER	RESULT	UNITS	RDL	REF	METHOD	DATE PREP	DATE ANAL	ID
SVOC's by GC/MS 8270 cont'd				1	8270C	0626 13:15	0628 20:22	RL
Azobenzene	ND	ug/l	5.0					
Fluoranthene	ND	ug/l	5.0					
4-Chlorophenyl phenyl ether	ND	ug/l	5.0					
4-Bromophenyl phenyl ether	ND	ug/l	5.0					
Bis(2-chloroisopropyl)ether	ND	ug/l	5.0					
Bis(2-chloroethoxy)methane	ND	ug/l	5.0					
Hexachlorobutadiene	ND	ug/l	10.					
Hexachlorocyclopentadiene	ND	ug/l	10.					
Hexachloroethane	ND	ug/l	5.0					
Isophorone	ND	ug/l	5.0					
Naphthalene	6.8	ug/l	5.0					
Nitrobenzene	ND	ug/l	5.0					
NDPA/DPA	ND	ug/l	15.					
n-Nitrosodi-n-propylamine	ND	ug/l	5.0					
Bis(2-ethylhexyl)phthalate	ND	ug/l	10.					
Butyl benzyl phthalate	ND	ug/l	5.0					
Di-n-butylphthalate	ND	ug/l	5.0					
Di-n-octylphthalate	ND	ug/l	5.0					
Diethyl phthalate	ND	ug/l	5.0					
Dimethyl phthalate	ND	ug/l	5.0					
Benzo(a)anthracene	ND	ug/l	5.0					
Benzo(a)pyrene	ND	ug/l	5.0					
Benzo(b)fluoranthene	ND	ug/l	5.0					
Benzo(k)fluoranthene	ND	ug/l	5.0					
Chrysene	ND	ug/l	5.0					
Acenaphthylene	ND	ug/l	5.0					
Anthracene	ND	ug/l	5.0					
Benzo(ghi)perylene	ND	ug/l	5.0					
Fluorene	ND	ug/l	5.0					
Phenanthrene	ND	ug/l	5.0					
Dibenzo(a,h)anthracene	ND	ug/l	5.0					
Indeno(1,2,3-cd)pyrene	ND	ug/l	7.0					
Pyrene	ND	ug/l	5.0					
Benzo(e)pyrene	ND	ug/l	5.0					
Biphenyl	ND	ug/l	5.0					
Perylene	ND	ug/l	5.0					
Aniline	ND	ug/l	10.					
4-Chloroaniline	ND	ug/l	5.0					
1-Methylnaphthalene	ND	ug/l	5.0					
2-Nitroaniline	ND	ug/l	5.0					
3-Nitroaniline	ND	ug/l	5.0					
4-Nitroaniline	ND	ug/l	7.0					
Dibenzofuran	ND	ug/l	5.0					
a,a-Dimethylphenethylamine	ND	ug/l	50.					
Hexachloropropene	ND	ug/l	10.					
Nitrosodi-n-butylamine	ND	ug/l	10.					
2-Methylnaphthalene	ND	ug/l	5.0					
1,2,4,5-Tetrachlorobenzene	ND	ug/l	20.					
Pentachlorobenzene	ND	ug/l	20.					

Comments: Complete list of References and Glossary of Terms found in Addendum I

ALPHA ANALYTICAL LABORATORIES
CERTIFICATE OF ANALYSIS

Laboratory Sample Number: L0608842-12
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PARAMETER	RESULT	UNITS	RDL	REF	METHOD	DATE PREP	DATE ANAL	ID
SVOC's by GC/MS 8270 cont'd				1	8270C	0626 13:15	0628 20:22	RL
a-Naphthylamine	ND	ug/l	20.					
b-Naphthylamine	ND	ug/l	20.					
Phenacetin	ND	ug/l	10.					
Dimethoate	ND	ug/l	20.					
4-Aminobiphenyl	ND	ug/l	10.					
Pentachloronitrobenzene	ND	ug/l	10.					
Isodrin	ND	ug/l	10.					
p-Dimethylaminoazobenzene	ND	ug/l	10.					
Chlorobenzilate	ND	ug/l	20.					
3-Methylcholanthrene	ND	ug/l	20.					
Ethyl Methanesulfonate	ND	ug/l	15.					
Acetophenone	ND	ug/l	20.					
Nitrosodipiperidine	ND	ug/l	20.					
7,12-Dimethylbenz(a)anthracene	ND	ug/l	10.					
n-Nitrosodimethylamine	ND	ug/l	50.					
2,4,6-Trichlorophenol	ND	ug/l	5.0					
p-Chloro-m-cresol	ND	ug/l	5.0					
2-Chlorophenol	ND	ug/l	6.0					
2,4-Dichlorophenol	ND	ug/l	10.					
2,4-Dimethylphenol	ND	ug/l	10.					
2-Nitrophenol	ND	ug/l	20.					
4-Nitrophenol	ND	ug/l	10.					
2,4-Dinitrophenol	ND	ug/l	20.					
4,6-Dinitro-o-cresol	ND	ug/l	20.					
Pentachlorophenol	ND	ug/l	20.					
Phenol	ND	ug/l	7.0					
2-Methylphenol	ND	ug/l	6.0					
3-Methylphenol/4-Methylphenol	ND	ug/l	6.0					
2,4,5-Trichlorophenol	ND	ug/l	5.0					
2,6-Dichlorophenol	ND	ug/l	10.					
Benzoic Acid	ND	ug/l	50.					
Benzyl Alcohol	ND	ug/l	10.					
Carbazole	ND	ug/l	5.0					
Pyridine	ND	ug/l	50.					
2-Picoline	ND	ug/l	20.					
Pronamide	ND	ug/l	20.					
Methyl methanesulfonate	ND	ug/l	20.					
Surrogate(s)	Recovery		QC Criteria					
2-Fluorophenol	40.0	%	21-120					
Phenol-d6	34.0	%	10-120					
Nitrobenzene-d5	74.0	%	23-120					
2-Fluorobiphenyl	76.0	%	43-120					
2,4,6-Tribromophenol	83.0	%	10-120					
4-Terphenyl-d14	93.0	%	33-120					
PAH by GC/MS SIM 8270M				1	8270C-M	0626 13:15	0629 09:03	RL
Acenaphthene	ND	ug/l	0.20					
2-Chloronaphthalene	ND	ug/l	0.20					

Comments: Complete list of References and Glossary of Terms found in Addendum I

ALPHA ANALYTICAL LABORATORIES
CERTIFICATE OF ANALYSIS

Laboratory Sample Number: L0608842-12
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PARAMETER	RESULT	UNITS	RDL	REF	METHOD	DATE PREP	DATE ANAL	ID
PAH by GC/MS SIM 8270M cont'd				1	8270C-M	0626 13:15	0629 09:03	RL
Fluoranthene	0.49	ug/l	0.20					
Hexachlorobutadiene	ND	ug/l	0.50					
Naphthalene	6.5	ug/l	0.20					
Benzo(a)anthracene	ND	ug/l	0.20					
Benzo(a)pyrene	ND	ug/l	0.20					
Benzo(b)fluoranthene	ND	ug/l	0.20					
Benzo(k)fluoranthene	ND	ug/l	0.20					
Chrysene	ND	ug/l	0.20					
Acenaphthylene	ND	ug/l	0.20					
Anthracene	ND	ug/l	0.20					
Benzo(ghi)perylene	ND	ug/l	0.20					
Fluorene	ND	ug/l	0.20					
Phenanthrene	0.69	ug/l	0.20					
Dibenzo(a,h)anthracene	ND	ug/l	0.20					
Indeno(1,2,3-cd)Pyrene	ND	ug/l	0.20					
Pyrene	0.29	ug/l	0.20					
1-Methylnaphthalene	2.4	ug/l	0.20					
2-Methylnaphthalene	2.3	ug/l	0.20					
Pentachlorophenol	ND	ug/l	0.80					
Hexachlorobenzene	ND	ug/l	0.80					
Perylene	ND	ug/l	0.20					
Biphenyl	ND	ug/l	0.20					
2,6-Dimethylnaphthalene	0.26	ug/l	0.20					
1-Methylphenanthrene	ND	ug/l	0.20					
Benzo(e)Pyrene	ND	ug/l	0.20					
Hexachloroethane	ND	ug/l	0.80					

Surrogate(s)	Recovery		QC Criteria
2-Fluorophenol	42.0	%	21-120
Phenol-d6	38.0	%	10-120
Nitrobenzene-d5	78.0	%	23-120
2-Fluorobiphenyl	62.0	%	43-120
2,4,6-Tribromophenol	47.0	%	10-120
4-Terphenyl-d14	89.0	%	33-120

Comments: Complete list of References and Glossary of Terms found in Addendum I

ALPHA ANALYTICAL LABORATORIES
CERTIFICATE OF ANALYSIS

MA:M-MA086 NH:200301-A CT:PH-0574 ME:MA086 RI:65 NY:11148 NJ:MA935 Army:USACE

Laboratory Sample Number: L0608842-13
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Sample Matrix: WATER

Date Collected: 15-JUN-2006 12:30
Date Received : 22-JUN-2006
Date Reported : 30-JUN-2006

Condition of Sample: Satisfactory

Field Prep: None

Number & Type of Containers: 2-Vial

PARAMETER	RESULT	UNITS	RDL	REF	METHOD	DATE PREP	DATE ANAL	ID
Volatile Organics by GC/MS 8260				1	8260B		0626 10:28	PD
Methylene chloride	ND	ug/l	5.0					
1,1-Dichloroethane	ND	ug/l	0.75					
Chloroform	ND	ug/l	0.75					
Carbon tetrachloride	ND	ug/l	0.50					
1,2-Dichloropropane	ND	ug/l	1.8					
Dibromochloromethane	ND	ug/l	0.50					
1,1,2-Trichloroethane	ND	ug/l	0.75					
Tetrachloroethene	ND	ug/l	0.50					
Chlorobenzene	ND	ug/l	0.50					
Trichlorofluoromethane	ND	ug/l	2.5					
1,2-Dichloroethane	ND	ug/l	0.50					
1,1,1-Trichloroethane	ND	ug/l	0.50					
Bromodichloromethane	ND	ug/l	0.50					
trans-1,3-Dichloropropene	ND	ug/l	0.50					
cis-1,3-Dichloropropene	ND	ug/l	0.50					
1,1-Dichloropropene	ND	ug/l	2.5					
Bromoform	ND	ug/l	2.0					
1,1,2,2-Tetrachloroethane	ND	ug/l	0.50					
Benzene	ND	ug/l	0.50					
Toluene	ND	ug/l	0.75					
Ethylbenzene	ND	ug/l	0.50					
Chloromethane	ND	ug/l	2.5					
Bromomethane	ND	ug/l	1.0					
Vinyl chloride	ND	ug/l	1.0					
Chloroethane	ND	ug/l	1.0					
1,1-Dichloroethene	ND	ug/l	0.50					
trans-1,2-Dichloroethene	ND	ug/l	0.75					
Trichloroethene	ND	ug/l	0.50					
1,2-Dichlorobenzene	ND	ug/l	2.5					
1,3-Dichlorobenzene	ND	ug/l	2.5					
1,4-Dichlorobenzene	ND	ug/l	2.5					
Methyl tert butyl ether	ND	ug/l	1.0					
p/m-Xylene	ND	ug/l	1.0					
o-Xylene	ND	ug/l	1.0					
cis-1,2-Dichloroethene	ND	ug/l	0.50					
Dibromomethane	ND	ug/l	5.0					
1,4-Dichlorobutane	ND	ug/l	5.0					
Iodomethane	ND	ug/l	5.0					

Comments: Complete list of References and Glossary of Terms found in Addendum I

ALPHA ANALYTICAL LABORATORIES
CERTIFICATE OF ANALYSIS

Laboratory Sample Number: L0608842-13
TRIP BLANK

PARAMETER	RESULT	UNITS	RDL	REF METHOD	DATE PREP	DATE ANAL	ID
Volatile Organics by GC/MS 8260 cont'd				1 8260B		0626 10:28	PD
1,2,3-Trichloropropane	ND	ug/l	5.0				
Styrene	ND	ug/l	1.0				
Dichlorodifluoromethane	ND	ug/l	5.0				
Acetone	ND	ug/l	5.0				
Carbon disulfide	ND	ug/l	5.0				
2-Butanone	ND	ug/l	5.0				
Vinyl acetate	ND	ug/l	5.0				
4-Methyl-2-pentanone	ND	ug/l	5.0				
2-Hexanone	ND	ug/l	5.0				
Ethyl methacrylate	ND	ug/l	5.0				
Acrolein	ND	ug/l	12.				
Acrylonitrile	ND	ug/l	5.0				
Bromochloromethane	ND	ug/l	2.5				
Tetrahydrofuran	ND	ug/l	10.				
2,2-Dichloropropane	ND	ug/l	2.5				
1,2-Dibromoethane	ND	ug/l	2.0				
1,3-Dichloropropane	ND	ug/l	2.5				
1,1,1,2-Tetrachloroethane	ND	ug/l	0.50				
Bromobenzene	ND	ug/l	2.5				
n-Butylbenzene	ND	ug/l	0.50				
sec-Butylbenzene	ND	ug/l	0.50				
tert-Butylbenzene	ND	ug/l	2.5				
o-Chlorotoluene	ND	ug/l	2.5				
p-Chlorotoluene	ND	ug/l	2.5				
1,2-Dibromo-3-chloropropane	ND	ug/l	2.5				
Hexachlorobutadiene	ND	ug/l	0.60				
Isopropylbenzene	ND	ug/l	0.50				
p-Isopropyltoluene	ND	ug/l	0.50				
Naphthalene	ND	ug/l	2.5				
n-Propylbenzene	ND	ug/l	0.50				
1,2,3-Trichlorobenzene	ND	ug/l	2.5				
1,2,4-Trichlorobenzene	ND	ug/l	2.5				
1,3,5-Trimethylbenzene	ND	ug/l	2.5				
1,2,4-Trimethylbenzene	ND	ug/l	2.5				
trans-1,4-Dichloro-2-butene	ND	ug/l	2.5				
Ethyl ether	ND	ug/l	2.5				
Surrogate(s)	Recovery		QC Criteria				
1,2-Dichloroethane-d4	88.0	%	70-130				
Toluene-d8	76.0	%	70-130				
4-Bromofluorobenzene	77.0	%	70-130				
Dibromofluoromethane	81.0	%	70-130				

Comments: Complete list of References and Glossary of Terms found in Addendum I

ALPHA ANALYTICAL LABORATORIES
CERTIFICATE OF ANALYSIS

MA:M-MA086 NH:200301-A CT:PH-0574 ME:MA086 RI:65 NY:11148 NJ:MA935 Army:USACE

Laboratory Sample Number: L0608842-14
S-4
Sample Matrix: WATER

Date Collected: 21-JUN-2006 09:20
Date Received : 22-JUN-2006
Date Reported : 30-JUN-2006

Condition of Sample: Satisfactory

Field Prep: None

Number & Type of Containers: 2-Amber,2-Plastic,2-Vial

PARAMETER	RESULT	UNITS	RDL	REF	METHOD	DATE PREP	DATE ANAL	ID
Total Metals				1	3015			
Antimony, Total	ND	mg/l	0.250	1	6010B	0623 19:00	0626 15:44	CF
Arsenic, Total	0.347	mg/l	0.025	1	6010B	0623 19:00	0626 15:44	CF
Beryllium, Total	0.078	mg/l	0.025	1	6010B	0623 19:00	0626 15:44	CF
Cadmium, Total	0.086	mg/l	0.025	1	6010B	0623 19:00	0626 15:44	CF
Chromium, Total	3.5	mg/l	0.05	1	6010B	0623 19:00	0626 15:44	CF
Copper, Total	8.5	mg/l	0.05	1	6010B	0623 19:00	0626 15:44	CF
Lead, Total	40.1	mg/l	0.050	1	6010B	0623 19:00	0626 15:44	CF
Mercury, Total	0.0276	mg/l	0.0020	1	7470A	0623 20:30	0626 16:06	HG
Nickel, Total	4.03	mg/l	0.125	1	6010B	0623 19:00	0626 15:44	CF
Selenium, Total	ND	mg/l	0.050	1	6010B	0623 19:00	0626 15:44	CF
Silver, Total	ND	mg/l	0.035	1	6010B	0623 19:00	0626 15:44	CF
Thallium, Total	ND	mg/l	0.100	1	6010B	0623 19:00	0627 15:24	CF
Zinc, Total	14	mg/l	0.25	1	6010B	0623 19:00	0626 15:44	CF
Dissolved Metals								
Antimony, Dissolved	ND	mg/l	0.050	1	6010B	0623 19:00	0626 21:00	CF
Arsenic, Dissolved	ND	mg/l	0.005	1	6010B	0623 19:00	0626 21:00	CF
Beryllium, Dissolved	ND	mg/l	0.005	1	6010B	0623 19:00	0626 21:00	CF
Cadmium, Dissolved	ND	mg/l	0.005	1	6010B	0623 19:00	0626 21:00	CF
Chromium, Dissolved	ND	mg/l	0.01	1	6010B	0623 19:00	0626 21:00	CF
Copper, Dissolved	ND	mg/l	0.01	1	6010B	0623 19:00	0626 21:00	CF
Lead, Dissolved	ND	mg/l	0.010	1	6010B	0623 19:00	0626 21:00	CF
Mercury, Dissolved	ND	mg/l	0.0002	1	7470A	0623 20:30	0626 15:09	HG
Nickel, Dissolved	ND	mg/l	0.025	1	6010B	0623 19:00	0626 21:00	CF
Selenium, Dissolved	ND	mg/l	0.010	1	6010B	0623 19:00	0626 21:00	CF
Silver, Dissolved	ND	mg/l	0.007	1	6010B	0623 19:00	0626 21:00	CF
Thallium, Dissolved	ND	mg/l	0.010	1	6010B	0623 19:00	0626 21:00	CF
Zinc, Dissolved	ND	mg/l	0.05	1	6010B	0623 19:00	0626 21:00	CF
Volatile Organics by GC/MS 8260				1	8260B		0626 01:29	PD
Methylene chloride	ND	ug/l	5.0					
1,1-Dichloroethane	ND	ug/l	0.75					
Chloroform	ND	ug/l	0.75					
Carbon tetrachloride	ND	ug/l	0.50					
1,2-Dichloropropane	ND	ug/l	1.8					
Dibromochloromethane	ND	ug/l	0.50					

Comments: Complete list of References and Glossary of Terms found in Addendum I

ALPHA ANALYTICAL LABORATORIES
CERTIFICATE OF ANALYSIS

Laboratory Sample Number: L0608842-14
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PARAMETER	RESULT	UNITS	RDL	REF	METHOD	DATE PREP	DATE ANAL	ID
Volatile Organics by GC/MS 8260 cont'd				1	8260B		0626 01:29	PD
1,1,2-Trichloroethane	ND	ug/l	0.75					
Tetrachloroethene	ND	ug/l	0.50					
Chlorobenzene	ND	ug/l	0.50					
Trichlorofluoromethane	ND	ug/l	2.5					
1,2-Dichloroethane	ND	ug/l	0.50					
1,1,1-Trichloroethane	ND	ug/l	0.50					
Bromodichloromethane	ND	ug/l	0.50					
trans-1,3-Dichloropropene	ND	ug/l	0.50					
cis-1,3-Dichloropropene	ND	ug/l	0.50					
1,1-Dichloropropene	ND	ug/l	2.5					
Bromoform	ND	ug/l	2.0					
1,1,2,2-Tetrachloroethane	ND	ug/l	0.50					
Benzene	4.5	ug/l	0.50					
Toluene	2.2	ug/l	0.75					
Ethylbenzene	16	ug/l	0.50					
Chloromethane	ND	ug/l	2.5					
Bromomethane	ND	ug/l	1.0					
Vinyl chloride	ND	ug/l	1.0					
Chloroethane	ND	ug/l	1.0					
1,1-Dichloroethene	ND	ug/l	0.50					
trans-1,2-Dichloroethene	ND	ug/l	0.75					
Trichloroethene	ND	ug/l	0.50					
1,2-Dichlorobenzene	ND	ug/l	2.5					
1,3-Dichlorobenzene	ND	ug/l	2.5					
1,4-Dichlorobenzene	ND	ug/l	2.5					
Methyl tert butyl ether	3.0	ug/l	1.0					
p/m-Xylene	64	ug/l	1.0					
o-Xylene	5.7	ug/l	1.0					
cis-1,2-Dichloroethene	ND	ug/l	0.50					
Dibromomethane	ND	ug/l	5.0					
1,4-Dichlorobutane	ND	ug/l	5.0					
Iodomethane	ND	ug/l	5.0					
1,2,3-Trichloropropane	ND	ug/l	5.0					
Styrene	ND	ug/l	1.0					
Dichlorodifluoromethane	ND	ug/l	5.0					
Acetone	11	ug/l	5.0					
Carbon disulfide	ND	ug/l	5.0					
2-Butanone	ND	ug/l	5.0					
Vinyl acetate	ND	ug/l	5.0					
4-Methyl-2-pentanone	ND	ug/l	5.0					
2-Hexanone	ND	ug/l	5.0					
Ethyl methacrylate	ND	ug/l	5.0					
Acrolein	ND	ug/l	12.					
Acrylonitrile	ND	ug/l	5.0					
Bromochloromethane	ND	ug/l	2.5					
Tetrahydrofuran	ND	ug/l	10.					
2,2-Dichloropropane	ND	ug/l	2.5					
1,2-Dibromoethane	ND	ug/l	2.0					
1,3-Dichloropropane	ND	ug/l	2.5					

Comments: Complete list of References and Glossary of Terms found in Addendum I

ALPHA ANALYTICAL LABORATORIES
CERTIFICATE OF ANALYSIS

Laboratory Sample Number: L0608842-14
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PARAMETER	RESULT	UNITS	RDL	REF	METHOD	DATE PREP	DATE ANAL	ID
Volatile Organics by GC/MS 8260 cont'd				1	8260B		0626 01:29	PD
1,1,1,2-Tetrachloroethane	ND	ug/l	0.50					
Bromobenzene	ND	ug/l	2.5					
n-Butylbenzene	2.6	ug/l	0.50					
sec-Butylbenzene	1.1	ug/l	0.50					
tert-Butylbenzene	ND	ug/l	2.5					
o-Chlorotoluene	ND	ug/l	2.5					
p-Chlorotoluene	ND	ug/l	2.5					
1,2-Dibromo-3-chloropropane	ND	ug/l	2.5					
Hexachlorobutadiene	ND	ug/l	0.60					
Isopropylbenzene	3.4	ug/l	0.50					
p-Isopropyltoluene	1.0	ug/l	0.50					
Naphthalene	27	ug/l	2.5					
n-Propylbenzene	5.6	ug/l	0.50					
1,2,3-Trichlorobenzene	ND	ug/l	2.5					
1,2,4-Trichlorobenzene	ND	ug/l	2.5					
1,3,5-Trimethylbenzene	50	ug/l	2.5					
1,2,4-Trimethylbenzene	>100	ug/l	2.5					
trans-1,4-Dichloro-2-butene	ND	ug/l	2.5					
Ethyl ether	ND	ug/l	2.5					
Surrogate(s)	Recovery		QC Criteria					
1,2-Dichloroethane-d4	76.0	%	70-130					
Toluene-d8	78.0	%	70-130					
4-Bromofluorobenzene	75.0	%	70-130					
Dibromofluoromethane	71.0	%	70-130					
Volatile Organics by GC/MS 8260				1	8260B		0626 11:48	PD
1,2,4-Trimethylbenzene	140	ug/l	10					
Surrogate(s)	Recovery		QC Criteria					
1,2-Dichloroethane-d4	93.0	%	70-130					
Toluene-d8	85.0	%	70-130					
4-Bromofluorobenzene	80.0	%	70-130					
Dibromofluoromethane	83.0	%	70-130					
SVOC's by GC/MS 8270				1	8270C	0626 13:15	0628 20:48	RL
Acenaphthene	ND	ug/l	5.0					
Benzidine	ND	ug/l	50.					
1,2,4-Trichlorobenzene	ND	ug/l	5.0					
Hexachlorobenzene	ND	ug/l	5.0					
Bis(2-chloroethyl)ether	ND	ug/l	5.0					
1-Chloronaphthalene	ND	ug/l	5.0					
2-Chloronaphthalene	ND	ug/l	6.0					
1,2-Dichlorobenzene	ND	ug/l	5.0					
1,3-Dichlorobenzene	ND	ug/l	5.0					
1,4-Dichlorobenzene	ND	ug/l	5.0					
3,3'-Dichlorobenzidine	ND	ug/l	50.					
2,4-Dinitrotoluene	ND	ug/l	6.0					
2,6-Dinitrotoluene	ND	ug/l	5.0					

Comments: Complete list of References and Glossary of Terms found in Addendum I

ALPHA ANALYTICAL LABORATORIES
CERTIFICATE OF ANALYSIS

Laboratory Sample Number: L0608842-14
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PARAMETER	RESULT	UNITS	RDL	REF	METHOD	DATE PREP	DATE ANAL	ID
SVOC's by GC/MS 8270 cont'd				1	8270C	0626 13:15	0628 20:48	RL
Azobenzene	ND	ug/l	5.0					
Fluoranthene	ND	ug/l	5.0					
4-Chlorophenyl phenyl ether	ND	ug/l	5.0					
4-Bromophenyl phenyl ether	ND	ug/l	5.0					
Bis(2-chloroisopropyl)ether	ND	ug/l	5.0					
Bis(2-chloroethoxy)methane	ND	ug/l	5.0					
Hexachlorobutadiene	ND	ug/l	10.					
Hexachlorocyclopentadiene	ND	ug/l	10.					
Hexachloroethane	ND	ug/l	5.0					
Isophorone	ND	ug/l	5.0					
Naphthalene	16	ug/l	5.0					
Nitrobenzene	ND	ug/l	5.0					
NDPA/DPA	ND	ug/l	15.					
n-Nitrosodi-n-propylamine	ND	ug/l	5.0					
Bis(2-ethylhexyl)phthalate	ND	ug/l	10.					
Butyl benzyl phthalate	ND	ug/l	5.0					
Di-n-butylphthalate	ND	ug/l	5.0					
Di-n-octylphthalate	ND	ug/l	5.0					
Diethyl phthalate	ND	ug/l	5.0					
Dimethyl phthalate	ND	ug/l	5.0					
Benzo(a)anthracene	ND	ug/l	5.0					
Benzo(a)pyrene	ND	ug/l	5.0					
Benzo(b)fluoranthene	ND	ug/l	5.0					
Benzo(k)fluoranthene	ND	ug/l	5.0					
Chrysene	ND	ug/l	5.0					
Acenaphthylene	ND	ug/l	5.0					
Anthracene	ND	ug/l	5.0					
Benzo(ghi)perylene	ND	ug/l	5.0					
Fluorene	ND	ug/l	5.0					
Phenanthrene	ND	ug/l	5.0					
Dibenzo(a,h)anthracene	ND	ug/l	5.0					
Indeno(1,2,3-cd)pyrene	ND	ug/l	7.0					
Pyrene	ND	ug/l	5.0					
Benzo(e)pyrene	ND	ug/l	5.0					
Biphenyl	ND	ug/l	5.0					
Perylene	ND	ug/l	5.0					
Aniline	ND	ug/l	10.					
4-Chloroaniline	ND	ug/l	5.0					
1-Methylnaphthalene	7.0	ug/l	5.0					
2-Nitroaniline	ND	ug/l	5.0					
3-Nitroaniline	ND	ug/l	5.0					
4-Nitroaniline	ND	ug/l	7.0					
Dibenzofuran	ND	ug/l	5.0					
a,a-Dimethylphenethylamine	ND	ug/l	50.					
Hexachloropropene	ND	ug/l	10.					
Nitrosodi-n-butylamine	ND	ug/l	10.					
2-Methylnaphthalene	9.1	ug/l	5.0					
1,2,4,5-Tetrachlorobenzene	ND	ug/l	20.					
Pentachlorobenzene	ND	ug/l	20.					

Comments: Complete list of References and Glossary of Terms found in Addendum I

ALPHA ANALYTICAL LABORATORIES
CERTIFICATE OF ANALYSIS

Laboratory Sample Number: L0608842-14
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PARAMETER	RESULT	UNITS	RDL	REF	METHOD	DATE PREP	DATE ANAL	ID
SVOC's by GC/MS 8270 cont'd				1	8270C	0626 13:15	0628 20:48	RL
a-Naphthylamine	ND	ug/l	20.					
b-Naphthylamine	ND	ug/l	20.					
Phenacetin	ND	ug/l	10.					
Dimethoate	ND	ug/l	20.					
4-Aminobiphenyl	ND	ug/l	10.					
Pentachloronitrobenzene	ND	ug/l	10.					
Isodrin	ND	ug/l	10.					
p-Dimethylaminoazobenzene	ND	ug/l	10.					
Chlorobenzilate	ND	ug/l	20.					
3-Methylcholanthrene	ND	ug/l	20.					
Ethyl Methanesulfonate	ND	ug/l	15.					
Acetophenone	ND	ug/l	20.					
Nitrosodipiperidine	ND	ug/l	20.					
7,12-Dimethylbenz(a)anthracene	ND	ug/l	10.					
n-Nitrosodimethylamine	ND	ug/l	50.					
2,4,6-Trichlorophenol	ND	ug/l	5.0					
p-Chloro-m-cresol	ND	ug/l	5.0					
2-Chlorophenol	ND	ug/l	6.0					
2,4-Dichlorophenol	ND	ug/l	10.					
2,4-Dimethylphenol	ND	ug/l	10.					
2-Nitrophenol	ND	ug/l	20.					
4-Nitrophenol	ND	ug/l	10.					
2,4-Dinitrophenol	ND	ug/l	20.					
4,6-Dinitro-o-cresol	ND	ug/l	20.					
Pentachlorophenol	ND	ug/l	20.					
Phenol	ND	ug/l	7.0					
2-Methylphenol	ND	ug/l	6.0					
3-Methylphenol/4-Methylphenol	ND	ug/l	6.0					
2,4,5-Trichlorophenol	ND	ug/l	5.0					
2,6-Dichlorophenol	ND	ug/l	10.					
Benzoic Acid	ND	ug/l	50.					
Benzyl Alcohol	ND	ug/l	10.					
Carbazole	ND	ug/l	5.0					
Pyridine	ND	ug/l	50.					
2-Picoline	ND	ug/l	20.					
Pronamide	ND	ug/l	20.					
Methyl methanesulfonate	ND	ug/l	20.					
Surrogate(s)	Recovery		QC Criteria					
2-Fluorophenol	44.0	%	21-120					
Phenol-d6	41.0	%	10-120					
Nitrobenzene-d5	76.0	%	23-120					
2-Fluorobiphenyl	80.0	%	43-120					
2,4,6-Tribromophenol	79.0	%	10-120					
4-Terphenyl-d14	91.0	%	33-120					
PAH by GC/MS SIM 8270M				1	8270C-M	0626 13:15	0629 09:45	RL
Acenaphthene	ND	ug/l	0.20					
2-Chloronaphthalene	ND	ug/l	0.20					

Comments: Complete list of References and Glossary of Terms found in Addendum I

ALPHA ANALYTICAL LABORATORIES
CERTIFICATE OF ANALYSIS

Laboratory Sample Number: L0608842-14
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PARAMETER	RESULT	UNITS	RDL	REF	METHOD	DATE PREP	DATE ANAL	ID
PAH by GC/MS SIM 8270M cont'd				1	8270C-M	0626 13:15	0629 09:45	RL
Fluoranthene	ND	ug/l	0.20					
Hexachlorobutadiene	ND	ug/l	0.50					
Naphthalene	15	ug/l	0.20					
Benzo(a)anthracene	ND	ug/l	0.20					
Benzo(a)pyrene	ND	ug/l	0.20					
Benzo(b)fluoranthene	ND	ug/l	0.20					
Benzo(k)fluoranthene	ND	ug/l	0.20					
Chrysene	ND	ug/l	0.20					
Acenaphthylene	ND	ug/l	0.20					
Anthracene	ND	ug/l	0.20					
Benzo(ghi)perylene	ND	ug/l	0.20					
Fluorene	ND	ug/l	0.20					
Phenanthrene	0.25	ug/l	0.20					
Dibenzo(a,h)anthracene	ND	ug/l	0.20					
Indeno(1,2,3-cd)Pyrene	ND	ug/l	0.20					
Pyrene	ND	ug/l	0.20					
1-Methylnaphthalene	6.2	ug/l	0.20					
2-Methylnaphthalene	9.4	ug/l	0.20					
Pentachlorophenol	ND	ug/l	0.80					
Hexachlorobenzene	ND	ug/l	0.80					
Perylene	ND	ug/l	0.20					
Biphenyl	ND	ug/l	0.20					
2,6-Dimethylnaphthalene	0.70	ug/l	0.20					
1-Methylphenanthrene	ND	ug/l	0.20					
Benzo(e)Pyrene	ND	ug/l	0.20					
Hexachloroethane	ND	ug/l	0.80					
Surrogate(s)	Recovery		QC Criteria					
2-Fluorophenol	45.0	%	21-120					
Phenol-d6	46.0	%	10-120					
Nitrobenzene-d5	81.0	%	23-120					
2-Fluorobiphenyl	68.0	%	43-120					
2,4,6-Tribromophenol	48.0	%	10-120					
4-Terphenyl-d14	81.0	%	33-120					

Comments: Complete list of References and Glossary of Terms found in Addendum I

ALPHA ANALYTICAL LABORATORIES
QUALITY ASSURANCE BATCH DUPLICATE ANALYSIS

Laboratory Job Number: L0608842

Parameter	Value 1	Value 2	Units	RPD	RPD Limits
Solids, Total for sample(s) 01-05 (L0608830-01, WG244099-1)					
Solids, Total	94	94	%	0	20
Solids, Total for sample(s) 06-08 (L0608829-01, WG244105-1)					
Solids, Total	94	94	%	0	20
Total Metals for sample(s) 09-12,14 (L0608785-03, WG244139-1)					
Antimony, Total	ND	ND	mg/l	NC	20
Arsenic, Total	ND	ND	mg/l	NC	20
Beryllium, Total	ND	ND	mg/l	NC	20
Cadmium, Total	ND	ND	mg/l	NC	20
Chromium, Total	ND	ND	mg/l	NC	20
Copper, Total	ND	ND	mg/l	NC	20
Lead, Total	ND	ND	mg/l	NC	20
Nickel, Total	ND	ND	mg/l	NC	20
Selenium, Total	ND	ND	mg/l	NC	20
Silver, Total	ND	ND	mg/l	NC	20
Thallium, Total	ND	ND	mg/l	NC	20
Zinc, Total	ND	ND	mg/l	NC	20
Total Metals for sample(s) 01-08 (L0608842-01, WG244191-1)					
Antimony, Total	ND	ND	mg/kg	NC	35
Arsenic, Total	1.0	0.98	mg/kg	2	35
Beryllium, Total	0.38	0.41	mg/kg	8	35
Cadmium, Total	ND	ND	mg/kg	NC	35
Chromium, Total	26	26	mg/kg	0	35
Copper, Total	28	29	mg/kg	4	35
Lead, Total	18	22	mg/kg	20	35
Nickel, Total	18	18	mg/kg	0	35
Selenium, Total	ND	ND	mg/kg	NC	35
Silver, Total	ND	ND	mg/kg	NC	35
Thallium, Total	ND	ND	mg/kg	NC	35
Zinc, Total	34	36	mg/kg	6	35
Total Metals for sample(s) 09-12,14 (L0608842-12, WG244187-3)					
Mercury, Total	ND	ND	mg/l	NC	20
Total Metals for sample(s) 01-08 (L0608830-01, WG244360-3)					
Mercury, Total	ND	ND	mg/kg	NC	35
Dissolved Metals for sample(s) 09-12,14 (L0608842-09, WG244136-1)					
Antimony, Dissolved	ND	ND	mg/l	NC	20
Arsenic, Dissolved	ND	ND	mg/l	NC	20
Beryllium, Dissolved	ND	ND	mg/l	NC	20
Cadmium, Dissolved	ND	ND	mg/l	NC	20
Chromium, Dissolved	ND	ND	mg/l	NC	20
Copper, Dissolved	ND	ND	mg/l	NC	20
Lead, Dissolved	ND	ND	mg/l	NC	20
Nickel, Dissolved	ND	ND	mg/l	NC	20

ALPHA ANALYTICAL LABORATORIES
QUALITY ASSURANCE BATCH DUPLICATE ANALYSIS

Laboratory Job Number: L0608842

Continued

Parameter	Value 1	Value 2	Units	RPD	RPD Limits
Dissolved Metals for sample(s) 09-12,14 (L0608842-09, WG244136-1)					
Selenium, Dissolved	ND	ND	mg/l	NC	20
Silver, Dissolved	ND	ND	mg/l	NC	20
Thallium, Dissolved	ND	ND	mg/l	NC	20
Zinc, Dissolved	ND	ND	mg/l	NC	20
Dissolved Metals for sample(s) 09-12,14 (L0608842-12, WG244186-3)					
Mercury, Dissolved	ND	ND	mg/l	NC	20

ALPHA ANALYTICAL LABORATORIES
QUALITY ASSURANCE BATCH SPIKE ANALYSES

Laboratory Job Number: L0608842

Parameter	% Recovery	QC Criteria
Total Metals LCS for sample(s) 09-12,14 (WG244139-4)		
Antimony, Total	111	75-125
Arsenic, Total	110	75-125
Beryllium, Total	109	75-125
Cadmium, Total	109	75-125
Chromium, Total	105	75-125
Copper, Total	104	75-125
Lead, Total	108	75-125
Nickel, Total	101	75-125
Selenium, Total	115	75-125
Silver, Total	108	75-125
Thallium, Total	109	75-125
Zinc, Total	106	75-125
Total Metals LCS for sample(s) 01-08 (WG244191-4)		
Antimony, Total	96	70-140
Arsenic, Total	99	70-140
Beryllium, Total	106	70-140
Cadmium, Total	104	70-140
Chromium, Total	98	70-140
Copper, Total	93	70-140
Lead, Total	99	70-140
Nickel, Total	96	70-140
Selenium, Total	101	70-140
Silver, Total	101	70-140
Thallium, Total	99	70-140
Zinc, Total	101	70-140
Total Metals LCS for sample(s) 09-12,14 (WG244187-1)		
Mercury, Total	98	85-115
Total Metals LCS for sample(s) 01-08 (WG244360-1)		
Mercury, Total	110	85-115
Dissolved Metals LCS for sample(s) 09-12,14 (WG244136-4)		
Antimony, Dissolved	101	75-125
Arsenic, Dissolved	100	75-125
Beryllium, Dissolved	96	75-125
Cadmium, Dissolved	100	75-125
Chromium, Dissolved	95	75-125
Copper, Dissolved	96	75-125
Lead, Dissolved	99	75-125
Nickel, Dissolved	92	75-125
Selenium, Dissolved	104	75-125
Silver, Dissolved	96	75-125
Thallium, Dissolved	97	75-125
Zinc, Dissolved	92	75-125

ALPHA ANALYTICAL LABORATORIES
QUALITY ASSURANCE BATCH SPIKE ANALYSES

Laboratory Job Number: L0608842

Continued

Parameter	% Recovery	QC Criteria
Dissolved Metals LCS for sample(s) 09-12,14 (WG244186-1)		
Mercury, Dissolved	97	70-130
Volatile Organics by GC/MS 8260 LCS for sample(s) 09-12,14 (WG244278-3)		
Chlorobenzene	103	75-130
Benzene	98	76-127
Toluene	105	76-125
1,1-Dichloroethene	86	61-145
Trichloroethene	94	71-120
Surrogate(s)		
1,2-Dichloroethane-d4	79	70-130
Toluene-d8	76	70-130
4-Bromofluorobenzene	75	70-130
Dibromofluoromethane	72	70-130
Volatile Organics by GC/MS 8260 LCS for sample(s) 01-02,04,06-08 (WG244803-3)		
Chlorobenzene	102	60-133
Benzene	107	66-142
Toluene	99	59-139
1,1-Dichloroethene	98	59-172
Trichloroethene	105	62-137
Surrogate(s)		
1,2-Dichloroethane-d4	91	70-130
Toluene-d8	92	70-130
4-Bromofluorobenzene	94	70-130
Dibromofluoromethane	94	70-130
Volatile Organics by GC/MS 8260 LCS for sample(s) 02-05 (WG244803-5)		
Chlorobenzene	99	60-133
Benzene	100	66-142
Toluene	97	59-139
1,1-Dichloroethene	92	59-172
Trichloroethene	96	62-137
Surrogate(s)		
1,2-Dichloroethane-d4	102	70-130
Toluene-d8	99	70-130
4-Bromofluorobenzene	98	70-130
Dibromofluoromethane	102	70-130
Volatile Organics by GC/MS 8260 LCS for sample(s) 12-14 (WG244278-7)		
Chlorobenzene	105	75-130
Benzene	100	76-127
Toluene	107	76-125
1,1-Dichloroethene	90	61-145
Trichloroethene	95	71-120

ALPHA ANALYTICAL LABORATORIES
QUALITY ASSURANCE BATCH SPIKE ANALYSES

Laboratory Job Number: L0608842

Continued

Parameter	% Recovery	QC Criteria
Volatile Organics by GC/MS 8260 LCS for sample(s) 12-14 (WG244278-7)		
Surrogate(s)		
1,2-Dichloroethane-d4	89	70-130
Toluene-d8	84	70-130
4-Bromofluorobenzene	83	70-130
Dibromofluoromethane	80	70-130
SVOC's by GC/MS 8270 LCS for sample(s) 01,03-08 (WG244098-2)		
Acenaphthene	78	31-137
1,2,4-Trichlorobenzene	73	38-107
2-Chloronaphthalene	80	40-140
1,2-Dichlorobenzene	64	40-140
1,4-Dichlorobenzene	61	28-104
2,4-Dinitrotoluene	94	28-89
2,6-Dinitrotoluene	97	40-140
Fluoranthene	86	40-140
4-Chlorophenyl phenyl ether	84	40-140
n-Nitrosodi-n-propylamine	64	41-126
Butyl benzyl phthalate	98	40-140
Anthracene	76	40-140
Pyrene	81	35-142
Hexachloropropene	80	40-140
P-Chloro-M-Cresol	78	26-103
2-Chlorophenol	59	25-102
2-Nitrophenol	65	30-130
4-Nitrophenol	84	11-114
2,4-Dinitrophenol	50	30-130
Pentachlorophenol	78	17-109
Phenol	58	26-90
Surrogate(s)		
2-Fluorophenol	61	25-120
Phenol-d6	80	10-120
Nitrobenzene-d5	73	23-120
2-Fluorobiphenyl	78	30-120
2,4,6-Tribromophenol	79	19-120
4-Terphenyl-d14	90	18-120
SVOC's by GC/MS 8270 LCS for sample(s) 09-12,14 (WG244291-2)		
Acenaphthene	72	46-118
1,2,4-Trichlorobenzene	60	39-98
2-Chloronaphthalene	71	40-140
1,2-Dichlorobenzene	55	40-140
1,4-Dichlorobenzene	53	36-97
2,4-Dinitrotoluene	100	24-96
2,6-Dinitrotoluene	105	40-140
Fluoranthene	88	40-140
4-Chlorophenyl phenyl ether	82	40-140

ALPHA ANALYTICAL LABORATORIES
QUALITY ASSURANCE BATCH SPIKE ANALYSES

Laboratory Job Number: L0608842

Continued

Parameter	% Recovery	QC Criteria
SVOC's by GC/MS 8270 LCS for sample(s) 09-12,14 (WG244291-2)		
n-Nitrosodi-n-propylamine	54	41-116
Butyl benzyl phthalate	103	40-140
Anthracene	76	40-140
Pyrene	82	26-127
Hexachloropropene	55	40-140
P-Chloro-M-Cresol	74	23-97
2-Chlorophenol	54	27-123
2-Nitrophenol	62	30-130
4-Nitrophenol	49	10-80
2,4-Dinitrophenol	84	30-130
Pentachlorophenol	80	9-103
Phenol	27	12-110
Surrogate(s)		
2-Fluorophenol	39	21-120
Phenol-d6	35	10-120
Nitrobenzene-d5	68	23-120
2-Fluorobiphenyl	69	43-120
2,4,6-Tribromophenol	81	10-120
4-Terphenyl-d14	91	33-120
SVOC's by GC/MS 8270 LCS for sample(s) 02 (WG244731-2)		
Acenaphthene	93	31-137
1,2,4-Trichlorobenzene	87	38-107
2-Chloronaphthalene	100	40-140
1,2-Dichlorobenzene	76	40-140
1,4-Dichlorobenzene	72	28-104
2,4-Dinitrotoluene	100	28-89
2,6-Dinitrotoluene	104	40-140
Fluoranthene	114	40-140
4-Chlorophenyl phenyl ether	96	40-140
n-Nitrosodi-n-propylamine	62	41-126
Butyl benzyl phthalate	106	40-140
Anthracene	97	40-140
Pyrene	106	35-142
Hexachloropropene	92	40-140
P-Chloro-M-Cresol	92	26-103
2-Chlorophenol	74	25-102
2-Nitrophenol	75	30-130
4-Nitrophenol	97	11-114
2,4-Dinitrophenol	48	30-130
Pentachlorophenol	87	17-109
Phenol	72	26-90
Surrogate(s)		
2-Fluorophenol	78	25-120
Phenol-d6	98	10-120
Nitrobenzene-d5	87	23-120

ALPHA ANALYTICAL LABORATORIES
QUALITY ASSURANCE BATCH SPIKE ANALYSES

Laboratory Job Number: L0608842

Continued

Parameter	% Recovery	QC Criteria
SVOC's by GC/MS 8270 LCS for sample(s) 02 (WG244731-2)		
2-Fluorobiphenyl	111	30-120
2,4,6-Tribromophenol	114	19-120
4-Terphenyl-d14	119	18-120
PAH by GC/MS SIM 8270M LCS for sample(s) 01,03-08 (WG244101-2)		
Acenaphthene	87	31-137
2-Chloronaphthalene	82	40-140
Fluoranthene	106	40-140
Anthracene	80	40-140
Pyrene	92	35-142
Pentachlorophenol	46	17-109
Surrogate(s)		
2-Fluorophenol	78	25-120
Phenol-d6	104	10-120
Nitrobenzene-d5	92	23-120
2-Fluorobiphenyl	79	30-120
2,4,6-Tribromophenol	64	19-120
4-Terphenyl-d14	112	18-120
PAH by GC/MS SIM 8270M LCS for sample(s) 09-12,14 (WG244290-2)		
Acenaphthene	79	46-118
2-Chloronaphthalene	76	
Fluoranthene	100	
Anthracene	76	
Pyrene	90	26-127
Pentachlorophenol	64	9-103
Surrogate(s)		
2-Fluorophenol	52	21-120
Phenol-d6	49	10-120
Nitrobenzene-d5	94	23-120
2-Fluorobiphenyl	79	43-120
2,4,6-Tribromophenol	70	10-120
4-Terphenyl-d14	117	33-120
PAH by GC/MS SIM 8270M LCS for sample(s) 02 (WG244732-2)		
Acenaphthene	89	31-137
2-Chloronaphthalene	80	40-140
Fluoranthene	121	40-140
Anthracene	95	40-140
Pyrene	104	35-142
Pentachlorophenol	17	17-109
Surrogate(s)		
2-Fluorophenol	89	25-120
Phenol-d6	115	10-120
Nitrobenzene-d5	105	23-120

ALPHA ANALYTICAL LABORATORIES
QUALITY ASSURANCE BATCH SPIKE ANALYSES

Laboratory Job Number: L0608842

Continued

Parameter	% Recovery	QC Criteria
PAH by GC/MS SIM 8270M LCS for sample(s) 02 (WG244732-2)		
2-Fluorobiphenyl	87	30-120
2,4,6-Tribromophenol	69	19-120
4-Terphenyl-d14	101	18-120
Total Metals SPIKE for sample(s) 09-12,14 (L0608785-03, WG244139-2)		
Antimony, Total	101	75-125
Arsenic, Total	101	75-125
Beryllium, Total	101	75-125
Cadmium, Total	102	75-125
Chromium, Total	100	75-125
Copper, Total	96	75-125
Lead, Total	100	75-125
Nickel, Total	94	75-125
Selenium, Total	106	75-125
Silver, Total	98	75-125
Thallium, Total	99	75-125
Zinc, Total	100	75-125
Total Metals SPIKE for sample(s) 01-08 (L0608842-01, WG244191-2)		
Antimony, Total	86	70-140
Arsenic, Total	89	70-140
Beryllium, Total	100	70-140
Cadmium, Total	76	70-140
Chromium, Total	86	70-140
Copper, Total	103	70-140
Lead, Total	114	70-140
Nickel, Total	86	70-140
Selenium, Total	93	70-140
Silver, Total	93	70-140
Thallium, Total	88	70-140
Zinc, Total	94	70-140
Total Metals SPIKE for sample(s) 09-12,14 (L0608842-12, WG244187-2)		
Mercury, Total	128	70-130
Total Metals SPIKE for sample(s) 01-08 (L0608830-01, WG244360-2)		
Mercury, Total	117	70-130
Dissolved Metals SPIKE for sample(s) 09-12,14 (L0608842-09, WG244136-2)		
Antimony, Dissolved	100	75-125
Arsenic, Dissolved	100	75-125
Beryllium, Dissolved	95	75-125
Cadmium, Dissolved	96	75-125
Chromium, Dissolved	95	75-125
Copper, Dissolved	96	75-125
Lead, Dissolved	97	75-125
Nickel, Dissolved	91	75-125
Selenium, Dissolved	102	75-125

ALPHA ANALYTICAL LABORATORIES
QUALITY ASSURANCE BATCH SPIKE ANALYSES

Laboratory Job Number: L0608842

Continued

Parameter	% Recovery	QC Criteria
Dissolved Metals SPIKE for sample(s) 09-12,14 (L0608842-09, WG244136-2)		
Silver, Dissolved	95	75-125
Thallium, Dissolved	93	75-125
Zinc, Dissolved	92	75-125
Dissolved Metals SPIKE for sample(s) 09-12,14 (L0608842-12, WG244186-2)		
Mercury, Dissolved	108	70-130

ALPHA ANALYTICAL LABORATORIES
QUALITY ASSURANCE BATCH MS/MSD ANALYSIS

Laboratory Job Number: L0608842

Parameter	MS %	MSD %	RPD	RPD Limit	MS/MSD Limits
Volatile Organics by GC/MS 8260 for sample(s) 09-14 (L0608800-03, WG244278-2)					
Chlorobenzene	113	107	5	20	75-130
Benzene	104	101	3	20	76-127
Toluene	113	108	5	20	76-125
1,1-Dichloroethene	88	88	0	20	61-145
Trichloroethene	99	97	2	20	71-120
Surrogate(s)					
1,2-Dichloroethane-d4	89	89	0		70-130
Toluene-d8	83	81	2		70-130
4-Bromofluorobenzene	79	84	6		70-130
Dibromofluoromethane	81	81	0		70-130
Volatile Organics by GC/MS 8260 for sample(s) 01-08 (L0608842-01, WG244803-2)					
Chlorobenzene	70	67	4	30	60-133
Benzene	82	80	2	30	66-142
Toluene	72	70	3	30	59-139
1,1-Dichloroethene	68	66	3	30	59-172
Trichloroethene	71	68	4	30	62-137
Surrogate(s)					
1,2-Dichloroethane-d4	92	89	3		70-130
Toluene-d8	93	92	1		70-130
4-Bromofluorobenzene	98	96	2		70-130
Dibromofluoromethane	92	92	0		70-130
SVOC's by GC/MS 8270 for sample(s) 01,03-08 (L0608842-01, WG244098-4)					
Acenaphthene	100	110	10	50	31-137
1,2,4-Trichlorobenzene	98	97	1	50	38-107
2-Chloronaphthalene	100	100	0	50	40-140
1,2-Dichlorobenzene	92	91	1	50	40-140
1,4-Dichlorobenzene	88	88	0	50	28-104
2,4-Dinitrotoluene	100	85	16	50	28-89
2,6-Dinitrotoluene	110	99	11	50	40-140
Fluoranthene	77	110	35	50	40-140
4-Chlorophenyl phenyl ether	110	100	10	50	40-140
n-Nitrosodi-n-propylamine	83	85	2	50	41-126
Butyl benzyl phthalate	120	110	9	50	40-140
Anthracene	110	120	9	50	40-140
Pyrene	75	100	29	50	35-142
Hexachloropropene	47	31	41	50	40-140
P-Chloro-M-Cresol	100	100	0	50	26-103
2-Chlorophenol	89	83	7	50	25-102
2-Nitrophenol	83	77	8	50	30-130
4-Nitrophenol	100	100	0	50	11-114
2,4-Dinitrophenol	27	18	40	50	30-130
Pentachlorophenol	36	55	42	50	17-109
Phenol	89	83	7	50	26-90

ALPHA ANALYTICAL LABORATORIES
QUALITY ASSURANCE BATCH MS/MSD ANALYSIS

Laboratory Job Number: L0608842

Continued

Parameter	MS %	MSD %	RPD	RPD Limit	MS/MSD Limits
SVOC's by GC/MS 8270 for sample(s) 01,03-08 (L0608842-01, WG244098-4)					
Surrogate(s)					
2-Fluorophenol	86	86	0		25-120
Phenol-d6	111	113	2		10-120
Nitrobenzene-d5	94	96	2		23-120
2-Fluorobiphenyl	95	97	2		30-120
2,4,6-Tribromophenol	97	98	1		19-120
4-Terphenyl-d14	105	99	6		18-120
SVOC's by GC/MS 8270 for sample(s) 09-12,14 (L0608842-09, WG244291-4)					
Acenaphthene	85	76	11	30	46-118
1,2,4-Trichlorobenzene	76	67	13	30	39-98
2-Chloronaphthalene	85	76	11	30	40-140
1,2-Dichlorobenzene	62	62	0	30	40-140
1,4-Dichlorobenzene	62	58	7	30	36-97
2,4-Dinitrotoluene	100	93	7	30	24-96
2,6-Dinitrotoluene	110	100	10	30	40-140
Fluoranthene	93	89	4	30	40-140
4-Chlorophenyl phenyl ether	89	85	5	30	40-140
n-Nitrosodi-n-propylamine	62	53	16	30	41-116
Butyl benzyl phthalate	110	110	0	30	40-140
Anthracene	80	76	5	30	40-140
Pyrene	89	85	5	30	26-127
Hexachloropropene	80	71	12	30	40-140
P-Chloro-M-Cresol	87	85	2	30	23-97
2-Chlorophenol	62	58	7	30	27-123
2-Nitrophenol	69	65	6	30	30-130
4-Nitrophenol	82	76	8	30	10-80
2,4-Dinitrophenol	93	91	2	30	30-130
Pentachlorophenol	100	93	7	30	9-103
Phenol	47	42	11	30	12-110
Surrogate(s)					
2-Fluorophenol	55	52	6		21-120
Phenol-d6	61	56	9		10-120
Nitrobenzene-d5	75	69	8		23-120
2-Fluorobiphenyl	82	73	12		43-120
2,4,6-Tribromophenol	92	84	9		10-120
4-Terphenyl-d14	96	88	9		33-120
SVOC's by GC/MS 8270 for sample(s) 02 (L0608842-02, WG244731-4)					
Acenaphthene	85	85	0	50	31-137
1,2,4-Trichlorobenzene	81	83	2	50	38-107
2-Chloronaphthalene	88	90	2	50	40-140
1,2-Dichlorobenzene	81	81	0	50	40-140
1,4-Dichlorobenzene	76	77	1	50	28-104
2,4-Dinitrotoluene	88	88	0	50	28-89

ALPHA ANALYTICAL LABORATORIES
QUALITY ASSURANCE BATCH MS/MSD ANALYSIS

Laboratory Job Number: L0608842

Continued

Parameter	MS %	MSD %	RPD	RPD Limit	MS/MSD Limits
SVOC's by GC/MS 8270 for sample(s) 02 (L0608842-02, WG244731-4)					
2,6-Dinitrotoluene	92	93	1	50	40-140
Fluoranthene	100	120	18	50	40-140
4-Chlorophenyl phenyl ether	88	85	3	50	40-140
n-Nitrosodi-n-propylamine	67	68	1	50	41-126
Butyl benzyl phthalate	99	98	1	50	40-140
Anthracene	92	93	1	50	40-140
Pyrene	95	110	15	50	35-142
Hexachloropropene	59	52	13	50	40-140
P-Chloro-M-Cresol	84	84	0	50	26-103
2-Chlorophenol	77	77	0	50	25-102
2-Nitrophenol	77	77	0	50	30-130
4-Nitrophenol	110	97	13	50	11-114
2,4-Dinitrophenol	32	24	29	50	30-130
Pentachlorophenol	59	71	18	50	17-109
Phenol	77	71	8	50	26-90
Surrogate(s)					
2-Fluorophenol	79	79	0		25-120
Phenol-d6	94	98	4		10-120
Nitrobenzene-d5	93	93	0		23-120
2-Fluorobiphenyl	96	98	2		30-120
2,4,6-Tribromophenol	87	93	7		19-120
4-Terphenyl-d14	101	103	2		18-120
PAH by GC/MS SIM 8270M for sample(s) 09-12,14 (L0608842-09, WG244290-4)					
Acenaphthene	85	80	6	40	46-118
2-Chloronaphthalene	80	71	12	40	
Fluoranthene	93	93	0	40	
Anthracene	85	85	0	40	
Pyrene	85	80	6	40	26-127
Pentachlorophenol	91	82	10	40	9-103
Surrogate(s)					
2-Fluorophenol	71	66	7		21-120
Phenol-d6	82	74	10		10-120
Nitrobenzene-d5	101	92	9		23-120
2-Fluorobiphenyl	86	79	8		43-120
2,4,6-Tribromophenol	66	63	5		10-120
4-Terphenyl-d14	108	104	4		33-120
PAH by GC/MS SIM 8270M for sample(s) 02 (L0608842-02, WG244732-4)					
Acenaphthene	95	93	2	50	40-140
2-Chloronaphthalene	86	84	2	50	40-140
Fluoranthene	100	110	10	50	40-140
Anthracene	86	86	0	50	40-140
Pyrene	94	100	6	50	40-140
Pentachlorophenol	21	25	17	50	40-140

ALPHA ANALYTICAL LABORATORIES
QUALITY ASSURANCE BATCH MS/MSD ANALYSIS

Laboratory Job Number: L0608842

Continued

Parameter	MS %	MSD %	RPD	RPD Limit	MS/MSD Limits
PAH by GC/MS SIM 8270M for sample(s) 02 (L0608842-02, WG244732-4)					
Surrogate(s)					
2-Fluorophenol	91	87	4		25-120
Phenol-d6	119	115	3		10-120
Nitrobenzene-d5	105	99	6		23-120
2-Fluorobiphenyl	90	87	3		30-120
2,4,6-Tribromophenol	67	67	0		19-120
4-Terphenyl-d14	98	96	2		18-120

ALPHA ANALYTICAL LABORATORIES
QUALITY ASSURANCE BATCH BLANK ANALYSIS

Laboratory Job Number: L0608842

PARAMETER	RESULT	UNITS	RDL	REF	METHOD	DATE PREP	DATE ANAL	ID
Blank Analysis for sample(s) 09-12,14 (WG244139-3)								
Total Metals				1	3015			
Antimony, Total	ND	mg/l	0.050	1	6010B	0623 19:00	0626 13:00	CF
Arsenic, Total	ND	mg/l	0.005	1	6010B	0623 19:00	0626 13:00	CF
Beryllium, Total	ND	mg/l	0.005	1	6010B	0623 19:00	0626 13:00	CF
Cadmium, Total	ND	mg/l	0.005	1	6010B	0623 19:00	0626 13:00	CF
Chromium, Total	ND	mg/l	0.01	1	6010B	0623 19:00	0626 13:00	CF
Copper, Total	ND	mg/l	0.01	1	6010B	0623 19:00	0626 13:00	CF
Lead, Total	ND	mg/l	0.010	1	6010B	0623 19:00	0626 13:00	CF
Nickel, Total	ND	mg/l	0.025	1	6010B	0623 19:00	0626 13:00	CF
Selenium, Total	ND	mg/l	0.010	1	6010B	0623 19:00	0626 13:00	CF
Silver, Total	ND	mg/l	0.007	1	6010B	0623 19:00	0626 13:00	CF
Thallium, Total	ND	mg/l	0.010	1	6010B	0623 19:00	0626 13:00	CF
Zinc, Total	ND	mg/l	0.05	1	6010B	0623 19:00	0626 13:00	CF
Blank Analysis for sample(s) 01-08 (WG244191-3)								
Total Metals				1	3051			
Antimony, Total	ND	mg/kg	2.0	1	6010B	0623 12:30	0624 21:31	MG
Arsenic, Total	ND	mg/kg	0.40	1	6010B	0623 12:30	0624 21:31	MG
Beryllium, Total	ND	mg/kg	0.20	1	6010B	0623 12:30	0624 21:31	MG
Cadmium, Total	ND	mg/kg	0.40	1	6010B	0623 12:30	0624 21:31	MG
Chromium, Total	ND	mg/kg	0.40	1	6010B	0623 12:30	0624 21:31	MG
Copper, Total	ND	mg/kg	0.40	1	6010B	0623 12:30	0624 21:31	MG
Lead, Total	ND	mg/kg	2.0	1	6010B	0623 12:30	0624 21:31	MG
Nickel, Total	ND	mg/kg	1.0	1	6010B	0623 12:30	0624 21:31	MG
Selenium, Total	ND	mg/kg	0.80	1	6010B	0623 12:30	0624 21:31	MG
Silver, Total	ND	mg/kg	0.40	1	6010B	0623 12:30	0624 21:31	MG
Thallium, Total	ND	mg/kg	0.40	1	6010B	0623 12:30	0624 21:31	MG
Zinc, Total	ND	mg/kg	2.0	1	6010B	0623 12:30	0624 21:31	MG
Blank Analysis for sample(s) 09-12,14 (WG244187-4)								
Total Metals								
Mercury, Total	ND	mg/l	0.0002	1	7470A	0623 20:30	0626 15:11	HG
Blank Analysis for sample(s) 01-08 (WG244360-4)								
Total Metals								
Mercury, Total	ND	mg/kg	0.08	1	7471A	0626 21:00	0627 18:46	HG
Blank Analysis for sample(s) 09-12,14 (WG244136-3)								
Dissolved Metals								
Antimony, Dissolved	ND	mg/l	0.050	1	6010B	0623 19:00	0626 20:30	CF
Arsenic, Dissolved	ND	mg/l	0.005	1	6010B	0623 19:00	0626 20:30	CF
Beryllium, Dissolved	ND	mg/l	0.005	1	6010B	0623 19:00	0626 20:30	CF

ALPHA ANALYTICAL LABORATORIES
QUALITY ASSURANCE BATCH BLANK ANALYSIS

Laboratory Job Number: L0608842

Continued

PARAMETER	RESULT	UNITS	RDL	REF	METHOD	DATE PREP	DATE ANAL	ID
Blank Analysis for sample(s) 09-12,14 (WG244136-3)								
Dissolved Metals								
Cadmium, Dissolved	ND	mg/l	0.005	1	6010B	0623 19:00	0626 20:30	CF
Chromium, Dissolved	ND	mg/l	0.01	1	6010B	0623 19:00	0626 20:30	CF
Copper, Dissolved	ND	mg/l	0.01	1	6010B	0623 19:00	0626 20:30	CF
Lead, Dissolved	ND	mg/l	0.010	1	6010B	0623 19:00	0626 20:30	CF
Nickel, Dissolved	ND	mg/l	0.025	1	6010B	0623 19:00	0626 20:30	CF
Selenium, Dissolved	ND	mg/l	0.010	1	6010B	0623 19:00	0626 20:30	CF
Silver, Dissolved	ND	mg/l	0.007	1	6010B	0623 19:00	0626 20:30	CF
Thallium, Dissolved	ND	mg/l	0.010	1	6010B	0623 19:00	0626 20:30	CF
Zinc, Dissolved	ND	mg/l	0.05	1	6010B	0623 19:00	0626 20:30	CF
Blank Analysis for sample(s) 09-12,14 (WG244186-4)								
Dissolved Metals								
Mercury, Dissolved	ND	mg/l	0.0002	1	7470A	0623 20:30	0626 14:51	HG
Blank Analysis for sample(s) 09-12,14 (WG244278-4)								
Volatile Organics by GC/MS 8260				1	8260B		0625 16:53	PD
Methylene chloride	ND	ug/l	5.0					
1,1-Dichloroethane	ND	ug/l	0.75					
Chloroform	ND	ug/l	0.75					
Carbon tetrachloride	ND	ug/l	0.50					
1,2-Dichloropropane	ND	ug/l	1.8					
Dibromochloromethane	ND	ug/l	0.50					
1,1,2-Trichloroethane	ND	ug/l	0.75					
Tetrachloroethene	ND	ug/l	0.50					
Chlorobenzene	ND	ug/l	0.50					
Trichlorofluoromethane	ND	ug/l	2.5					
1,2-Dichloroethane	ND	ug/l	0.50					
1,1,1-Trichloroethane	ND	ug/l	0.50					
Bromodichloromethane	ND	ug/l	0.50					
trans-1,3-Dichloropropene	ND	ug/l	0.50					
cis-1,3-Dichloropropene	ND	ug/l	0.50					
1,1-Dichloropropene	ND	ug/l	2.5					
Bromoform	ND	ug/l	2.0					
1,1,2,2-Tetrachloroethane	ND	ug/l	0.50					
Benzene	ND	ug/l	0.50					
Toluene	ND	ug/l	0.75					
Ethylbenzene	ND	ug/l	0.50					
Chloromethane	ND	ug/l	2.5					
Bromomethane	ND	ug/l	1.0					
Vinyl chloride	ND	ug/l	1.0					
Chloroethane	ND	ug/l	1.0					
1,1-Dichloroethene	ND	ug/l	0.50					
trans-1,2-Dichloroethene	ND	ug/l	0.75					
Trichloroethene	ND	ug/l	0.50					

ALPHA ANALYTICAL LABORATORIES
QUALITY ASSURANCE BATCH BLANK ANALYSIS

Laboratory Job Number: L0608842

Continued

PARAMETER	RESULT	UNITS	RDL	REF METHOD	DATE PREP	DATE ANAL	ID
Blank Analysis for sample(s) 09-12,14 (WG244278-4)							
Volatile Organics by GC/MS 8260 cont'd				1 8260B		0625 16:53	PD
1,2-Dichlorobenzene	ND	ug/l	2.5				
1,3-Dichlorobenzene	ND	ug/l	2.5				
1,4-Dichlorobenzene	ND	ug/l	2.5				
Methyl tert butyl ether	ND	ug/l	1.0				
p/m-Xylene	ND	ug/l	1.0				
o-Xylene	ND	ug/l	1.0				
cis-1,2-Dichloroethene	ND	ug/l	0.50				
Dibromomethane	ND	ug/l	5.0				
1,4-Dichlorobutane	ND	ug/l	5.0				
Iodomethane	ND	ug/l	5.0				
1,2,3-Trichloropropane	ND	ug/l	5.0				
Styrene	ND	ug/l	1.0				
Dichlorodifluoromethane	ND	ug/l	5.0				
Acetone	ND	ug/l	5.0				
Carbon disulfide	ND	ug/l	5.0				
2-Butanone	ND	ug/l	5.0				
Vinyl acetate	ND	ug/l	5.0				
4-Methyl-2-pentanone	ND	ug/l	5.0				
2-Hexanone	ND	ug/l	5.0				
Ethyl methacrylate	ND	ug/l	5.0				
Acrolein	ND	ug/l	12.				
Acrylonitrile	ND	ug/l	5.0				
Bromochloromethane	ND	ug/l	2.5				
Tetrahydrofuran	ND	ug/l	10.				
2,2-Dichloropropane	ND	ug/l	2.5				
1,2-Dibromoethane	ND	ug/l	2.0				
1,3-Dichloropropane	ND	ug/l	2.5				
1,1,1,2-Tetrachloroethane	ND	ug/l	0.50				
Bromobenzene	ND	ug/l	2.5				
n-Butylbenzene	ND	ug/l	0.50				
sec-Butylbenzene	ND	ug/l	0.50				
tert-Butylbenzene	ND	ug/l	2.5				
o-Chlorotoluene	ND	ug/l	2.5				
p-Chlorotoluene	ND	ug/l	2.5				
1,2-Dibromo-3-chloropropane	ND	ug/l	2.5				
Hexachlorobutadiene	ND	ug/l	0.60				
Isopropylbenzene	ND	ug/l	0.50				
p-Isopropyltoluene	ND	ug/l	0.50				
Naphthalene	ND	ug/l	2.5				
n-Propylbenzene	ND	ug/l	0.50				
1,2,3-Trichlorobenzene	ND	ug/l	2.5				
1,2,4-Trichlorobenzene	ND	ug/l	2.5				
1,3,5-Trimethylbenzene	ND	ug/l	2.5				
1,2,4-Trimethylbenzene	ND	ug/l	2.5				
trans-1,4-Dichloro-2-butene	ND	ug/l	2.5				
Ethyl ether	ND	ug/l	2.5				

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PARAMETER	RESULT	UNITS	RDL	REF	METHOD	DATE PREP	DATE ANAL	ID
Blank Analysis for sample(s) 09-12,14 (WG244278-4)								
Volatile Organics by GC/MS 8260 cont'd				1	8260B		0625 16:53	PD
Surrogate(s)	Recovery		QC Criteria					
1,2-Dichloroethane-d4	93.0	%	70-130					
Toluene-d8	85.0	%	70-130					
4-Bromofluorobenzene	86.0	%	70-130					
Dibromofluoromethane	88.0	%	70-130					
Blank Analysis for sample(s) 12-14 (WG244278-8)								
Volatile Organics by GC/MS 8260				1	8260B		0626 09:40	PD
Methylene chloride	ND	ug/l	5.0					
1,1-Dichloroethane	ND	ug/l	0.75					
Chloroform	ND	ug/l	0.75					
Carbon tetrachloride	ND	ug/l	0.50					
1,2-Dichloropropane	ND	ug/l	1.8					
Dibromochloromethane	ND	ug/l	0.50					
1,1,2-Trichloroethane	ND	ug/l	0.75					
Tetrachloroethene	ND	ug/l	0.50					
Chlorobenzene	ND	ug/l	0.50					
Trichlorofluoromethane	ND	ug/l	2.5					
1,2-Dichloroethane	ND	ug/l	0.50					
1,1,1-Trichloroethane	ND	ug/l	0.50					
Bromodichloromethane	ND	ug/l	0.50					
trans-1,3-Dichloropropene	ND	ug/l	0.50					
cis-1,3-Dichloropropene	ND	ug/l	0.50					
1,1-Dichloropropene	ND	ug/l	2.5					
Bromoform	ND	ug/l	2.0					
1,1,2,2-Tetrachloroethane	ND	ug/l	0.50					
Benzene	ND	ug/l	0.50					
Toluene	ND	ug/l	0.75					
Ethylbenzene	ND	ug/l	0.50					
Chloromethane	ND	ug/l	2.5					
Bromomethane	ND	ug/l	1.0					
Vinyl chloride	ND	ug/l	1.0					
Chloroethane	ND	ug/l	1.0					
1,1-Dichloroethene	ND	ug/l	0.50					
trans-1,2-Dichloroethene	ND	ug/l	0.75					
Trichloroethene	ND	ug/l	0.50					
1,2-Dichlorobenzene	ND	ug/l	2.5					
1,3-Dichlorobenzene	ND	ug/l	2.5					
1,4-Dichlorobenzene	ND	ug/l	2.5					
Methyl tert butyl ether	ND	ug/l	1.0					
p/m-Xylene	ND	ug/l	1.0					
o-Xylene	ND	ug/l	1.0					
cis-1,2-Dichloroethene	ND	ug/l	0.50					
Dibromomethane	ND	ug/l	5.0					
1,4-Dichlorobutane	ND	ug/l	5.0					
Iodomethane	ND	ug/l	5.0					

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PARAMETER	RESULT	UNITS	RDL	REF METHOD	DATE PREP	DATE ANAL	ID
Blank Analysis for sample(s) 12-14 (WG244278-8)							
Volatile Organics by GC/MS 8260 cont'd				1 8260B		0626 09:40	PD
1,2,3-Trichloropropane	ND	ug/l	5.0				
Styrene	ND	ug/l	1.0				
Dichlorodifluoromethane	ND	ug/l	5.0				
Acetone	ND	ug/l	5.0				
Carbon disulfide	ND	ug/l	5.0				
2-Butanone	ND	ug/l	5.0				
Vinyl acetate	ND	ug/l	5.0				
4-Methyl-2-pentanone	ND	ug/l	5.0				
2-Hexanone	ND	ug/l	5.0				
Ethyl methacrylate	ND	ug/l	5.0				
Acrolein	ND	ug/l	12.				
Acrylonitrile	ND	ug/l	5.0				
Bromochloromethane	ND	ug/l	2.5				
Tetrahydrofuran	ND	ug/l	10.				
2,2-Dichloropropane	ND	ug/l	2.5				
1,2-Dibromoethane	ND	ug/l	2.0				
1,3-Dichloropropane	ND	ug/l	2.5				
1,1,1,2-Tetrachloroethane	ND	ug/l	0.50				
Bromobenzene	ND	ug/l	2.5				
n-Butylbenzene	ND	ug/l	0.50				
sec-Butylbenzene	ND	ug/l	0.50				
tert-Butylbenzene	ND	ug/l	2.5				
o-Chlorotoluene	ND	ug/l	2.5				
p-Chlorotoluene	ND	ug/l	2.5				
1,2-Dibromo-3-chloropropane	ND	ug/l	2.5				
Hexachlorobutadiene	ND	ug/l	0.60				
Isopropylbenzene	ND	ug/l	0.50				
p-Isopropyltoluene	ND	ug/l	0.50				
Naphthalene	ND	ug/l	2.5				
n-Propylbenzene	ND	ug/l	0.50				
1,2,3-Trichlorobenzene	ND	ug/l	2.5				
1,2,4-Trichlorobenzene	ND	ug/l	2.5				
1,3,5-Trimethylbenzene	ND	ug/l	2.5				
1,2,4-Trimethylbenzene	ND	ug/l	2.5				
trans-1,4-Dichloro-2-butene	ND	ug/l	2.5				
Ethyl ether	ND	ug/l	2.5				
Surrogate(s)	Recovery		QC Criteria				
1,2-Dichloroethane-d4	100	%	70-130				
Toluene-d8	88.0	%	70-130				
4-Bromofluorobenzene	90.0	%	70-130				
Dibromofluoromethane	89.0	%	70-130				
Blank Analysis for sample(s) 01-02,04,06-08 (WG244803-4)							
Volatile Organics by GC/MS 8260				1 8260B		0626 16:18	PD
Methylene chloride	ND	ug/kg	25.				

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Blank Analysis for sample(s) 01-02,04,06-08 (WG244803-4)							
Volatile Organics by GC/MS 8260 cont'd				1 8260B		0626 16:18	PD
1,1-Dichloroethane	ND	ug/kg	3.8				
Chloroform	ND	ug/kg	3.8				
Carbon tetrachloride	ND	ug/kg	2.5				
1,2-Dichloropropane	ND	ug/kg	8.8				
Dibromochloromethane	ND	ug/kg	2.5				
1,1,2-Trichloroethane	ND	ug/kg	3.8				
Tetrachloroethene	ND	ug/kg	2.5				
Chlorobenzene	ND	ug/kg	2.5				
Trichlorofluoromethane	ND	ug/kg	12.				
1,2-Dichloroethane	ND	ug/kg	2.5				
1,1,1-Trichloroethane	ND	ug/kg	2.5				
Bromodichloromethane	ND	ug/kg	2.5				
trans-1,3-Dichloropropene	ND	ug/kg	2.5				
cis-1,3-Dichloropropene	ND	ug/kg	2.5				
1,1-Dichloropropene	ND	ug/kg	12.				
Bromoform	ND	ug/kg	10.				
1,1,2,2-Tetrachloroethane	ND	ug/kg	2.5				
Benzene	ND	ug/kg	2.5				
Toluene	ND	ug/kg	3.8				
Ethylbenzene	ND	ug/kg	2.5				
Chloromethane	ND	ug/kg	12.				
Bromomethane	ND	ug/kg	5.0				
Vinyl chloride	ND	ug/kg	5.0				
Chloroethane	ND	ug/kg	5.0				
1,1-Dichloroethene	ND	ug/kg	2.5				
trans-1,2-Dichloroethene	ND	ug/kg	3.8				
Trichloroethene	ND	ug/kg	2.5				
1,2-Dichlorobenzene	ND	ug/kg	12.				
1,3-Dichlorobenzene	ND	ug/kg	12.				
1,4-Dichlorobenzene	ND	ug/kg	12.				
Methyl tert butyl ether	ND	ug/kg	5.0				
p/m-Xylene	ND	ug/kg	5.0				
o-Xylene	ND	ug/kg	5.0				
cis-1,2-Dichloroethene	ND	ug/kg	2.5				
Dibromomethane	ND	ug/kg	25.				
1,4-Dichlorobutane	ND	ug/kg	25.				
Iodomethane	ND	ug/kg	25.				
1,2,3-Trichloropropane	ND	ug/kg	25.				
Styrene	ND	ug/kg	5.0				
Dichlorodifluoromethane	ND	ug/kg	25.				
Acetone	ND	ug/kg	25.				
Carbon disulfide	ND	ug/kg	25.				
2-Butanone	ND	ug/kg	25.				
Vinyl acetate	ND	ug/kg	25.				
4-Methyl-2-pentanone	ND	ug/kg	25.				
2-Hexanone	ND	ug/kg	25.				

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Blank Analysis for sample(s) 01-02,04,06-08 (WG244803-4)							
Volatile Organics by GC/MS 8260 cont'd				1 8260B		0626 16:18	PD
Ethyl methacrylate	ND	ug/kg	25.				
Acrolein	ND	ug/kg	62.				
Acrylonitrile	ND	ug/kg	25.				
Bromochloromethane	ND	ug/kg	12.				
Tetrahydrofuran	ND	ug/kg	50.				
2,2-Dichloropropane	ND	ug/kg	12.				
1,2-Dibromoethane	ND	ug/kg	10.				
1,3-Dichloropropane	ND	ug/kg	12.				
1,1,1,2-Tetrachloroethane	ND	ug/kg	2.5				
Bromobenzene	ND	ug/kg	12.				
n-Butylbenzene	ND	ug/kg	2.5				
sec-Butylbenzene	ND	ug/kg	2.5				
tert-Butylbenzene	ND	ug/kg	12.				
o-Chlorotoluene	ND	ug/kg	12.				
p-Chlorotoluene	ND	ug/kg	12.				
1,2-Dibromo-3-chloropropane	ND	ug/kg	12.				
Hexachlorobutadiene	ND	ug/kg	12.				
Isopropylbenzene	ND	ug/kg	2.5				
p-Isopropyltoluene	ND	ug/kg	2.5				
Naphthalene	ND	ug/kg	12.				
n-Propylbenzene	ND	ug/kg	2.5				
1,2,3-Trichlorobenzene	ND	ug/kg	12.				
1,2,4-Trichlorobenzene	ND	ug/kg	12.				
1,3,5-Trimethylbenzene	ND	ug/kg	12.				
1,2,4-Trimethylbenzene	ND	ug/kg	12.				
trans-1,4-Dichloro-2-butene	ND	ug/kg	12.				
Ethyl ether	ND	ug/kg	12.				
Surrogate(s)	Recovery		QC Criteria				
1,2-Dichloroethane-d4	90.0	%	70-130				
Toluene-d8	91.0	%	70-130				
4-Bromofluorobenzene	97.0	%	70-130				
Dibromofluoromethane	90.0	%	70-130				
Blank Analysis for sample(s) 02-05 (WG244803-6)							
Volatile Organics by GC/MS 8260				1 8260B		0629 09:06	PD
Methylene chloride	ND	ug/kg	25.				
1,1-Dichloroethane	ND	ug/kg	3.8				
Chloroform	ND	ug/kg	3.8				
Carbon tetrachloride	ND	ug/kg	2.5				
1,2-Dichloropropane	ND	ug/kg	8.8				
Dibromochloromethane	ND	ug/kg	2.5				
1,1,2-Trichloroethane	ND	ug/kg	3.8				
Tetrachloroethene	ND	ug/kg	2.5				
Chlorobenzene	ND	ug/kg	2.5				
Trichlorofluoromethane	ND	ug/kg	12.				

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Blank Analysis for sample(s) 02-05 (WG244803-6)							
Volatile Organics by GC/MS 8260 cont'd				1 8260B		0629 09:06	PD
1,2-Dichloroethane	ND	ug/kg	2.5				
1,1,1-Trichloroethane	ND	ug/kg	2.5				
Bromodichloromethane	ND	ug/kg	2.5				
trans-1,3-Dichloropropene	ND	ug/kg	2.5				
cis-1,3-Dichloropropene	ND	ug/kg	2.5				
1,1-Dichloropropene	ND	ug/kg	12.				
Bromoform	ND	ug/kg	10.				
1,1,2,2-Tetrachloroethane	ND	ug/kg	2.5				
Benzene	ND	ug/kg	2.5				
Toluene	ND	ug/kg	3.8				
Ethylbenzene	ND	ug/kg	2.5				
Chloromethane	ND	ug/kg	12.				
Bromomethane	ND	ug/kg	5.0				
Vinyl chloride	ND	ug/kg	5.0				
Chloroethane	ND	ug/kg	5.0				
1,1-Dichloroethene	ND	ug/kg	2.5				
trans-1,2-Dichloroethene	ND	ug/kg	3.8				
Trichloroethene	ND	ug/kg	2.5				
1,2-Dichlorobenzene	ND	ug/kg	12.				
1,3-Dichlorobenzene	ND	ug/kg	12.				
1,4-Dichlorobenzene	ND	ug/kg	12.				
Methyl tert butyl ether	ND	ug/kg	5.0				
p/m-Xylene	ND	ug/kg	5.0				
o-Xylene	ND	ug/kg	5.0				
cis-1,2-Dichloroethene	ND	ug/kg	2.5				
Dibromomethane	ND	ug/kg	25.				
1,4-Dichlorobutane	ND	ug/kg	25.				
Iodomethane	ND	ug/kg	25.				
1,2,3-Trichloropropane	ND	ug/kg	25.				
Styrene	ND	ug/kg	5.0				
Dichlorodifluoromethane	ND	ug/kg	25.				
Acetone	ND	ug/kg	25.				
Carbon disulfide	ND	ug/kg	25.				
2-Butanone	ND	ug/kg	25.				
Vinyl acetate	ND	ug/kg	25.				
4-Methyl-2-pentanone	ND	ug/kg	25.				
2-Hexanone	ND	ug/kg	25.				
Ethyl methacrylate	ND	ug/kg	25.				
Acrolein	ND	ug/kg	62.				
Acrylonitrile	ND	ug/kg	25.				
Bromochloromethane	ND	ug/kg	12.				
Tetrahydrofuran	ND	ug/kg	50.				
2,2-Dichloropropane	ND	ug/kg	12.				
1,2-Dibromoethane	ND	ug/kg	10.				
1,3-Dichloropropane	ND	ug/kg	12.				
1,1,1,2-Tetrachloroethane	ND	ug/kg	2.5				

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Blank Analysis for sample(s) 02-05 (WG244803-6)								
Volatile Organics by GC/MS 8260 cont'd				1	8260B		0629 09:06	PD
Bromobenzene	ND	ug/kg	12.					
n-Butylbenzene	ND	ug/kg	2.5					
sec-Butylbenzene	ND	ug/kg	2.5					
tert-Butylbenzene	ND	ug/kg	12.					
o-Chlorotoluene	ND	ug/kg	12.					
p-Chlorotoluene	ND	ug/kg	12.					
1,2-Dibromo-3-chloropropane	ND	ug/kg	12.					
Hexachlorobutadiene	ND	ug/kg	12.					
Isopropylbenzene	ND	ug/kg	2.5					
p-Isopropyltoluene	ND	ug/kg	2.5					
Naphthalene	ND	ug/kg	12.					
n-Propylbenzene	ND	ug/kg	2.5					
1,2,3-Trichlorobenzene	ND	ug/kg	12.					
1,2,4-Trichlorobenzene	ND	ug/kg	12.					
1,3,5-Trimethylbenzene	ND	ug/kg	12.					
1,2,4-Trimethylbenzene	ND	ug/kg	12.					
trans-1,4-Dichloro-2-butene	ND	ug/kg	12.					
Ethyl ether	ND	ug/kg	12.					
Surrogate(s)	Recovery		QC Criteria					
1,2-Dichloroethane-d4	100	%	70-130					
Toluene-d8	99.0	%	70-130					
4-Bromofluorobenzene	103	%	70-130					
Dibromofluoromethane	98.0	%	70-130					
Blank Analysis for sample(s) 01,03-08 (WG244098-1)								
SVOC's by GC/MS 8270				1	8270C	0623 14:45	0626 21:21	RL
Acenaphthene	ND	ug/kg	330					
Benzidine	ND	ug/kg	3300					
1,2,4-Trichlorobenzene	ND	ug/kg	330					
Hexachlorobenzene	ND	ug/kg	330					
Bis(2-chloroethyl)ether	ND	ug/kg	330					
1-Chloronaphthalene	ND	ug/kg	330					
2-Chloronaphthalene	ND	ug/kg	400					
1,2-Dichlorobenzene	ND	ug/kg	330					
1,3-Dichlorobenzene	ND	ug/kg	330					
1,4-Dichlorobenzene	ND	ug/kg	330					
3,3'-Dichlorobenzidine	ND	ug/kg	670					
2,4-Dinitrotoluene	ND	ug/kg	330					
2,6-Dinitrotoluene	ND	ug/kg	330					
Azobenzene	ND	ug/kg	330					
Fluoranthene	ND	ug/kg	330					
4-Chlorophenyl phenyl ether	ND	ug/kg	330					
4-Bromophenyl phenyl ether	ND	ug/kg	330					
Bis(2-chloroisopropyl)ether	ND	ug/kg	330					
Bis(2-chloroethoxy)methane	ND	ug/kg	330					

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Blank Analysis for sample(s) 01,03-08 (WG244098-1)								
SVOC's by GC/MS 8270 cont'd				1	8270C	0623 14:45	0626 21:21	RL
Hexachlorobutadiene	ND	ug/kg	670					
Hexachlorocyclopentadiene	ND	ug/kg	670					
Hexachloroethane	ND	ug/kg	330					
Isophorone	ND	ug/kg	330					
Naphthalene	ND	ug/kg	330					
Nitrobenzene	ND	ug/kg	330					
NDPA/DPA	ND	ug/kg	1000					
n-Nitrosodi-n-propylamine	ND	ug/kg	330					
Bis(2-ethylhexyl)phthalate	ND	ug/kg	670					
Butyl benzyl phthalate	ND	ug/kg	330					
Di-n-butylphthalate	ND	ug/kg	330					
Di-n-octylphthalate	ND	ug/kg	330					
Diethyl phthalate	ND	ug/kg	330					
Dimethyl phthalate	ND	ug/kg	330					
Benzo(a)anthracene	ND	ug/kg	330					
Benzo(a)pyrene	ND	ug/kg	330					
Benzo(b)fluoranthene	ND	ug/kg	330					
Benzo(k)fluoranthene	ND	ug/kg	330					
Chrysene	ND	ug/kg	330					
Acenaphthylene	ND	ug/kg	330					
Anthracene	ND	ug/kg	330					
Benzo(ghi)perylene	ND	ug/kg	330					
Fluorene	ND	ug/kg	330					
Phenanthrene	ND	ug/kg	330					
Dibenzo(a,h)anthracene	ND	ug/kg	330					
Indeno(1,2,3-cd)pyrene	ND	ug/kg	330					
Pyrene	ND	ug/kg	330					
Benzo(e)pyrene	ND	ug/kg	330					
Biphenyl	ND	ug/kg	330					
Perylene	ND	ug/kg	330					
Aniline	ND	ug/kg	670					
4-Chloroaniline	ND	ug/kg	330					
1-Methylnaphthalene	ND	ug/kg	330					
2-Nitroaniline	ND	ug/kg	330					
3-Nitroaniline	ND	ug/kg	330					
4-Nitroaniline	ND	ug/kg	470					
Dibenzofuran	ND	ug/kg	330					
a,a-Dimethylphenethylamine	ND	ug/kg	3300					
Hexachloropropene	ND	ug/kg	670					
Nitrosodi-n-butylamine	ND	ug/kg	670					
2-Methylnaphthalene	ND	ug/kg	330					
1,2,4,5-Tetrachlorobenzene	ND	ug/kg	1300					
Pentachlorobenzene	ND	ug/kg	1300					
a-Naphthylamine	ND	ug/kg	1300					
b-Naphthylamine	ND	ug/kg	1300					
Phenacetin	ND	ug/kg	670					

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PARAMETER	RESULT	UNITS	RDL	REF METHOD	DATE PREP	DATE ANAL	ID
Blank Analysis for sample(s) 01,03-08 (WG244098-1)							
SVOC's by GC/MS 8270 cont'd				1 8270C	0623 14:45	0626 21:21	RL
Dimethoate	ND	ug/kg	1300				
4-Aminobiphenyl	ND	ug/kg	670				
Pentachloronitrobenzene	ND	ug/kg	670				
Isodrin	ND	ug/kg	670				
p-Dimethylaminoazobenzene	ND	ug/kg	670				
Chlorobenzilate	ND	ug/kg	1300				
3-Methylcholanthrene	ND	ug/kg	1300				
Ethyl Methanesulfonate	ND	ug/kg	1000				
Acetophenone	ND	ug/kg	1300				
Nitrosodipiperidine	ND	ug/kg	1300				
7,12-Dimethylbenz(a)anthracene	ND	ug/kg	670				
n-Nitrosodimethylamine	ND	ug/kg	3300				
2,4,6-Trichlorophenol	ND	ug/kg	330				
p-Chloro-m-cresol	ND	ug/kg	330				
2-Chlorophenol	ND	ug/kg	400				
2,4-Dichlorophenol	ND	ug/kg	670				
2,4-Dimethylphenol	ND	ug/kg	330				
2-Nitrophenol	ND	ug/kg	1300				
4-Nitrophenol	ND	ug/kg	670				
2,4-Dinitrophenol	ND	ug/kg	1300				
4,6-Dinitro-o-cresol	ND	ug/kg	1300				
Pentachlorophenol	ND	ug/kg	1300				
Phenol	ND	ug/kg	470				
2-Methylphenol	ND	ug/kg	400				
3-Methylphenol/4-Methylphenol	ND	ug/kg	400				
2,4,5-Trichlorophenol	ND	ug/kg	330				
2,6-Dichlorophenol	ND	ug/kg	670				
Benzoic Acid	ND	ug/kg	3300				
Benzyl Alcohol	ND	ug/kg	670				
Carbazole	ND	ug/kg	330				
Pyridine	ND	ug/kg	3300				
2-Picoline	ND	ug/kg	1300				
Pronamide	ND	ug/kg	1300				
Methyl methanesulfonate	ND	ug/kg	1300				
Surrogate(s)	Recovery		QC Criteria				
2-Fluorophenol	72.0	%	25-120				
Phenol-d6	93.0	%	10-120				
Nitrobenzene-d5	81.0	%	23-120				
2-Fluorobiphenyl	76.0	%	30-120				
2,4,6-Tribromophenol	76.0	%	19-120				
4-Terphenyl-d14	88.0	%	18-120				
Blank Analysis for sample(s) 09-12,14 (WG244291-1)							
SVOC's by GC/MS 8270				1 8270C	0626 13:15	0628 11:51	RL
Acenaphthene	ND	ug/l	5.0				

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PARAMETER	RESULT	UNITS	RDL	REF	METHOD	DATE PREP	DATE ANAL	ID
Blank Analysis for sample(s) 09-12,14 (WG244291-1)								
SVOC's by GC/MS 8270 cont'd				1	8270C	0626 13:15	0628 11:51	RL
Benzidine	ND	ug/l	50.					
1,2,4-Trichlorobenzene	ND	ug/l	5.0					
Hexachlorobenzene	ND	ug/l	5.0					
Bis(2-chloroethyl)ether	ND	ug/l	5.0					
1-Chloronaphthalene	ND	ug/l	5.0					
2-Chloronaphthalene	ND	ug/l	6.0					
1,2-Dichlorobenzene	ND	ug/l	5.0					
1,3-Dichlorobenzene	ND	ug/l	5.0					
1,4-Dichlorobenzene	ND	ug/l	5.0					
3,3'-Dichlorobenzidine	ND	ug/l	50.					
2,4-Dinitrotoluene	ND	ug/l	6.0					
2,6-Dinitrotoluene	ND	ug/l	5.0					
Azobenzene	ND	ug/l	5.0					
Fluoranthene	ND	ug/l	5.0					
4-Chlorophenyl phenyl ether	ND	ug/l	5.0					
4-Bromophenyl phenyl ether	ND	ug/l	5.0					
Bis(2-chloroisopropyl)ether	ND	ug/l	5.0					
Bis(2-chloroethoxy)methane	ND	ug/l	5.0					
Hexachlorobutadiene	ND	ug/l	10.					
Hexachlorocyclopentadiene	ND	ug/l	10.					
Hexachloroethane	ND	ug/l	5.0					
Isophorone	ND	ug/l	5.0					
Naphthalene	ND	ug/l	5.0					
Nitrobenzene	ND	ug/l	5.0					
NDPA/DPA	ND	ug/l	15.					
n-Nitrosodi-n-propylamine	ND	ug/l	5.0					
Bis(2-ethylhexyl)phthalate	ND	ug/l	10.					
Butyl benzyl phthalate	ND	ug/l	5.0					
Di-n-butylphthalate	ND	ug/l	5.0					
Di-n-octylphthalate	ND	ug/l	5.0					
Diethyl phthalate	ND	ug/l	5.0					
Dimethyl phthalate	ND	ug/l	5.0					
Benzo(a)anthracene	ND	ug/l	5.0					
Benzo(a)pyrene	ND	ug/l	5.0					
Benzo(b)fluoranthene	ND	ug/l	5.0					
Benzo(k)fluoranthene	ND	ug/l	5.0					
Chrysene	ND	ug/l	5.0					
Acenaphthylene	ND	ug/l	5.0					
Anthracene	ND	ug/l	5.0					
Benzo(ghi)perylene	ND	ug/l	5.0					
Fluorene	ND	ug/l	5.0					
Phenanthrene	ND	ug/l	5.0					
Dibenzo(a,h)anthracene	ND	ug/l	5.0					
Indeno(1,2,3-cd)pyrene	ND	ug/l	7.0					
Pyrene	ND	ug/l	5.0					
Benzo(e)pyrene	ND	ug/l	5.0					

ALPHA ANALYTICAL LABORATORIES
QUALITY ASSURANCE BATCH BLANK ANALYSIS

Laboratory Job Number: L0608842

Continued

PARAMETER	RESULT	UNITS	RDL	REF	METHOD	DATE PREP	DATE ANAL	ID
Blank Analysis for sample(s) 09-12,14 (WG244291-1)								
SVOC's by GC/MS 8270 cont'd				1	8270C	0626 13:15	0628 11:51	RL
Biphenyl	ND	ug/l	5.0					
Perylene	ND	ug/l	5.0					
Aniline	ND	ug/l	10.					
4-Chloroaniline	ND	ug/l	5.0					
1-Methylnaphthalene	ND	ug/l	5.0					
2-Nitroaniline	ND	ug/l	5.0					
3-Nitroaniline	ND	ug/l	5.0					
4-Nitroaniline	ND	ug/l	7.0					
Dibenzofuran	ND	ug/l	5.0					
a,a-Dimethylphenethylamine	ND	ug/l	50.					
Hexachloropropene	ND	ug/l	10.					
Nitrosodi-n-butylamine	ND	ug/l	10.					
2-Methylnaphthalene	ND	ug/l	5.0					
1,2,4,5-Tetrachlorobenzene	ND	ug/l	20.					
Pentachlorobenzene	ND	ug/l	20.					
a-Naphthylamine	ND	ug/l	20.					
b-Naphthylamine	ND	ug/l	20.					
Phenacetin	ND	ug/l	10.					
Dimethoate	ND	ug/l	20.					
4-Aminobiphenyl	ND	ug/l	10.					
Pentachloronitrobenzene	ND	ug/l	10.					
Isodrin	ND	ug/l	10.					
p-Dimethylaminoazobenzene	ND	ug/l	10.					
Chlorobenzilate	ND	ug/l	20.					
3-Methylcholanthrene	ND	ug/l	20.					
Ethyl Methanesulfonate	ND	ug/l	15.					
Acetophenone	ND	ug/l	20.					
Nitrosodipiperidine	ND	ug/l	20.					
7,12-Dimethylbenz(a)anthracene	ND	ug/l	10.					
n-Nitrosodimethylamine	ND	ug/l	50.					
2,4,6-Trichlorophenol	ND	ug/l	5.0					
p-Chloro-m-cresol	ND	ug/l	5.0					
2-Chlorophenol	ND	ug/l	6.0					
2,4-Dichlorophenol	ND	ug/l	10.					
2,4-Dimethylphenol	ND	ug/l	10.					
2-Nitrophenol	ND	ug/l	20.					
4-Nitrophenol	ND	ug/l	10.					
2,4-Dinitrophenol	ND	ug/l	20.					
4,6-Dinitro-o-cresol	ND	ug/l	20.					
Pentachlorophenol	ND	ug/l	20.					
Phenol	ND	ug/l	7.0					
2-Methylphenol	ND	ug/l	6.0					
3-Methylphenol/4-Methylphenol	ND	ug/l	6.0					
2,4,5-Trichlorophenol	ND	ug/l	5.0					
2,6-Dichlorophenol	ND	ug/l	10.					
Benzoic Acid	ND	ug/l	50.					

ALPHA ANALYTICAL LABORATORIES
QUALITY ASSURANCE BATCH BLANK ANALYSIS

Laboratory Job Number: L0608842

Continued

PARAMETER	RESULT	UNITS	RDL	REF	METHOD	DATE PREP	DATE ANAL	ID
Blank Analysis for sample(s) 09-12,14 (WG244291-1)								
SVOC's by GC/MS 8270 cont'd				1	8270C	0626 13:15	0628 11:51	RL
Benzyl Alcohol	ND	ug/l	10.					
Carbazole	ND	ug/l	5.0					
Pyridine	ND	ug/l	50.					
2-Picoline	ND	ug/l	20.					
Pronamide	ND	ug/l	20.					
Methyl methanesulfonate	ND	ug/l	20.					
Surrogate(s)	Recovery		QC Criteria					
2-Fluorophenol	39.0	%	21-120					
Phenol-d6	35.0	%	10-120					
Nitrobenzene-d5	72.0	%	23-120					
2-Fluorobiphenyl	67.0	%	43-120					
2,4,6-Tribromophenol	72.0	%	10-120					
4-Terphenyl-d14	89.0	%	33-120					
Blank Analysis for sample(s) 02 (WG244731-1)								
SVOC's by GC/MS 8270				1	8270C	0628 16:15	0629 01:10	RL
Acenaphthene	ND	ug/kg	330					
Benzidine	ND	ug/kg	3300					
1,2,4-Trichlorobenzene	ND	ug/kg	330					
Hexachlorobenzene	ND	ug/kg	330					
Bis(2-chloroethyl)ether	ND	ug/kg	330					
1-Chloronaphthalene	ND	ug/kg	330					
2-Chloronaphthalene	ND	ug/kg	400					
1,2-Dichlorobenzene	ND	ug/kg	330					
1,3-Dichlorobenzene	ND	ug/kg	330					
1,4-Dichlorobenzene	ND	ug/kg	330					
3,3'-Dichlorobenzidine	ND	ug/kg	670					
2,4-Dinitrotoluene	ND	ug/kg	330					
2,6-Dinitrotoluene	ND	ug/kg	330					
Azobenzene	ND	ug/kg	330					
Fluoranthene	ND	ug/kg	330					
4-Chlorophenyl phenyl ether	ND	ug/kg	330					
4-Bromophenyl phenyl ether	ND	ug/kg	330					
Bis(2-chloroisopropyl)ether	ND	ug/kg	330					
Bis(2-chloroethoxy)methane	ND	ug/kg	330					
Hexachlorobutadiene	ND	ug/kg	670					
Hexachlorocyclopentadiene	ND	ug/kg	670					
Hexachloroethane	ND	ug/kg	330					
Isophorone	ND	ug/kg	330					
Naphthalene	ND	ug/kg	330					
Nitrobenzene	ND	ug/kg	330					
NDPA/DPA	ND	ug/kg	1000					
n-Nitrosodi-n-propylamine	ND	ug/kg	330					
Bis(2-ethylhexyl)phthalate	ND	ug/kg	670					
Butyl benzyl phthalate	ND	ug/kg	330					

ALPHA ANALYTICAL LABORATORIES
QUALITY ASSURANCE BATCH BLANK ANALYSIS

Laboratory Job Number: L0608842

Continued

PARAMETER	RESULT	UNITS	RDL	REF	METHOD	DATE PREP	DATE ANAL	ID
Blank Analysis for sample(s) 02 (WG244731-1)								
SVOC's by GC/MS 8270 cont'd				1	8270C	0628 16:15	0629 01:10	RL
Di-n-butylphthalate	ND	ug/kg	330					
Di-n-octylphthalate	ND	ug/kg	330					
Diethyl phthalate	ND	ug/kg	330					
Dimethyl phthalate	ND	ug/kg	330					
Benzo(a)anthracene	ND	ug/kg	330					
Benzo(a)pyrene	ND	ug/kg	330					
Benzo(b)fluoranthene	ND	ug/kg	330					
Benzo(k)fluoranthene	ND	ug/kg	330					
Chrysene	ND	ug/kg	330					
Acenaphthylene	ND	ug/kg	330					
Anthracene	ND	ug/kg	330					
Benzo(ghi)perylene	ND	ug/kg	330					
Fluorene	ND	ug/kg	330					
Phenanthrene	ND	ug/kg	330					
Dibenzo(a,h)anthracene	ND	ug/kg	330					
Indeno(1,2,3-cd)pyrene	ND	ug/kg	330					
Pyrene	ND	ug/kg	330					
Benzo(e)pyrene	ND	ug/kg	330					
Biphenyl	ND	ug/kg	330					
Perylene	ND	ug/kg	330					
Aniline	ND	ug/kg	670					
4-Chloroaniline	ND	ug/kg	330					
1-Methylnaphthalene	ND	ug/kg	330					
2-Nitroaniline	ND	ug/kg	330					
3-Nitroaniline	ND	ug/kg	330					
4-Nitroaniline	ND	ug/kg	470					
Dibenzofuran	ND	ug/kg	330					
a,a-Dimethylphenethylamine	ND	ug/kg	3300					
Hexachloropropene	ND	ug/kg	670					
Nitrosodi-n-butylamine	ND	ug/kg	670					
2-Methylnaphthalene	ND	ug/kg	330					
1,2,4,5-Tetrachlorobenzene	ND	ug/kg	1300					
Pentachlorobenzene	ND	ug/kg	1300					
a-Naphthylamine	ND	ug/kg	1300					
b-Naphthylamine	ND	ug/kg	1300					
Phenacetin	ND	ug/kg	670					
Dimethoate	ND	ug/kg	1300					
4-Aminobiphenyl	ND	ug/kg	670					
Pentachloronitrobenzene	ND	ug/kg	670					
Isodrin	ND	ug/kg	670					
p-Dimethylaminoazobenzene	ND	ug/kg	670					
Chlorobenzilate	ND	ug/kg	1300					
3-Methylcholanthrene	ND	ug/kg	1300					
Ethyl Methanesulfonate	ND	ug/kg	1000					
Acetophenone	ND	ug/kg	1300					
Nitrosodipiperidine	ND	ug/kg	1300					

ALPHA ANALYTICAL LABORATORIES
QUALITY ASSURANCE BATCH BLANK ANALYSIS

Laboratory Job Number: L0608842

Continued

PARAMETER	RESULT	UNITS	RDL	REF	METHOD	DATE PREP	DATE ANAL	ID
Blank Analysis for sample(s) 02 (WG244731-1)								
SVOC's by GC/MS 8270 cont'd				1	8270C	0628 16:15	0629 01:10	RL
7,12-Dimethylbenz(a)anthracene	ND	ug/kg	670					
n-Nitrosodimethylamine	ND	ug/kg	3300					
2,4,6-Trichlorophenol	ND	ug/kg	330					
p-Chloro-m-cresol	ND	ug/kg	330					
2-Chlorophenol	ND	ug/kg	400					
2,4-Dichlorophenol	ND	ug/kg	670					
2,4-Dimethylphenol	ND	ug/kg	330					
2-Nitrophenol	ND	ug/kg	1300					
4-Nitrophenol	ND	ug/kg	670					
2,4-Dinitrophenol	ND	ug/kg	1300					
4,6-Dinitro-o-cresol	ND	ug/kg	1300					
Pentachlorophenol	ND	ug/kg	1300					
Phenol	ND	ug/kg	470					
2-Methylphenol	ND	ug/kg	400					
3-Methylphenol/4-Methylphenol	ND	ug/kg	400					
2,4,5-Trichlorophenol	ND	ug/kg	330					
2,6-Dichlorophenol	ND	ug/kg	670					
Benzoic Acid	ND	ug/kg	3300					
Benzyl Alcohol	ND	ug/kg	670					
Carbazole	ND	ug/kg	330					
Pyridine	ND	ug/kg	3300					
2-Picoline	ND	ug/kg	1300					
Pronamide	ND	ug/kg	1300					
Methyl methanesulfonate	ND	ug/kg	1300					
Surrogate(s)	Recovery		QC Criteria					
2-Fluorophenol	78.0	%	25-120					
Phenol-d6	97.0	%	10-120					
Nitrobenzene-d5	86.0	%	23-120					
2-Fluorobiphenyl	88.0	%	30-120					
2,4,6-Tribromophenol	83.0	%	19-120					
4-Terphenyl-d14	91.0	%	18-120					
Blank Analysis for sample(s) 01,03-08 (WG244101-1)								
PAH by GC/MS SIM 8270M				1	8270C-M	0623 14:45	0627 23:35	RL
Acenaphthene	ND	ug/kg	13.					
2-Chloronaphthalene	ND	ug/kg	13.					
Fluoranthene	ND	ug/kg	13.					
Hexachlorobutadiene	ND	ug/kg	33.					
Naphthalene	ND	ug/kg	13.					
Benzo(a)anthracene	ND	ug/kg	13.					
Benzo(a)pyrene	ND	ug/kg	13.					
Benzo(b)fluoranthene	ND	ug/kg	13.					
Benzo(k)fluoranthene	ND	ug/kg	13.					
Chrysene	ND	ug/kg	13.					
Acenaphthylene	ND	ug/kg	13.					

ALPHA ANALYTICAL LABORATORIES
QUALITY ASSURANCE BATCH BLANK ANALYSIS

Laboratory Job Number: L0608842

Continued

PARAMETER	RESULT	UNITS	RDL	REF	METHOD	DATE PREP	DATE ANAL	ID
Blank Analysis for sample(s) 01,03-08 (WG244101-1)								
PAH by GC/MS SIM 8270M cont'd				1	8270C-M	0623 14:45	0627 23:35	RL
Anthracene	ND	ug/kg	13.					
Benzo(ghi)perylene	ND	ug/kg	13.					
Fluorene	ND	ug/kg	13.					
Phenanthrene	ND	ug/kg	13.					
Dibenzo(a,h)anthracene	ND	ug/kg	13.					
Indeno(1,2,3-cd)Pyrene	ND	ug/kg	13.					
Pyrene	ND	ug/kg	13.					
1-Methylnaphthalene	ND	ug/kg	13.					
2-Methylnaphthalene	ND	ug/kg	13.					
Pentachlorophenol	ND	ug/kg	53.					
Hexachlorobenzene	ND	ug/kg	53.					
Perylene	ND	ug/kg	13.					
Biphenyl	ND	ug/kg	13.					
2,6-Dimethylnaphthalene	ND	ug/kg	13.					
1-Methylphenanthrene	ND	ug/kg	13.					
Benzo(e)Pyrene	ND	ug/kg	13.					
Hexachloroethane	ND	ug/kg	53.					
Surrogate(s)	Recovery		QC Criteria					
2-Fluorophenol	89.0	%	25-120					
Phenol-d6	118	%	10-120					
Nitrobenzene-d5	104	%	23-120					
2-Fluorobiphenyl	90.0	%	30-120					
2,4,6-Tribromophenol	75.0	%	19-120					
4-Terphenyl-d14	127	%	18-120					
Blank Analysis for sample(s) 09-12,14 (WG244290-1)								
PAH by GC/MS SIM 8270M				1	8270C-M	0626 13:15	0628 23:49	RL
Acenaphthene	ND	ug/l	0.20					
2-Chloronaphthalene	ND	ug/l	0.20					
Fluoranthene	ND	ug/l	0.20					
Hexachlorobutadiene	ND	ug/l	0.50					
Naphthalene	ND	ug/l	0.20					
Benzo(a)anthracene	ND	ug/l	0.20					
Benzo(a)pyrene	ND	ug/l	0.20					
Benzo(b)fluoranthene	ND	ug/l	0.20					
Benzo(k)fluoranthene	ND	ug/l	0.20					
Chrysene	ND	ug/l	0.20					
Acenaphthylene	ND	ug/l	0.20					
Anthracene	ND	ug/l	0.20					
Benzo(ghi)perylene	ND	ug/l	0.20					
Fluorene	ND	ug/l	0.20					
Phenanthrene	ND	ug/l	0.20					
Dibenzo(a,h)anthracene	ND	ug/l	0.20					
Indeno(1,2,3-cd)Pyrene	ND	ug/l	0.20					
Pyrene	ND	ug/l	0.20					

ALPHA ANALYTICAL LABORATORIES
QUALITY ASSURANCE BATCH BLANK ANALYSIS

Laboratory Job Number: L0608842

Continued

PARAMETER	RESULT	UNITS	RDL	REF METHOD	DATE PREP	DATE ANAL	ID
Blank Analysis for sample(s) 09-12,14 (WG244290-1)							
PAH by GC/MS SIM 8270M cont'd				1 8270C-M	0626 13:15	0628 23:49	RL
1-Methylnaphthalene	ND	ug/l	0.20				
2-Methylnaphthalene	ND	ug/l	0.20				
Pentachlorophenol	ND	ug/l	0.80				
Hexachlorobenzene	ND	ug/l	0.80				
Perylene	ND	ug/l	0.20				
Biphenyl	ND	ug/l	0.20				
2,6-Dimethylnaphthalene	ND	ug/l	0.20				
1-Methylphenanthrene	ND	ug/l	0.20				
Benzo(e)Pyrene	ND	ug/l	0.20				
Hexachloroethane	ND	ug/l	0.80				
Surrogate(s)	Recovery		QC Criteria				
2-Fluorophenol	44.0	%	21-120				
Phenol-d6	39.0	%	10-120				
Nitrobenzene-d5	85.0	%	23-120				
2-Fluorobiphenyl	70.0	%	43-120				
2,4,6-Tribromophenol	65.0	%	10-120				
4-Terphenyl-d14	119	%	33-120				
Blank Analysis for sample(s) 02 (WG244732-1)							
PAH by GC/MS SIM 8270M				1 8270C-M	0628 16:15	0629 09:48	RL
Acenaphthene	ND	ug/kg	13.				
2-Chloronaphthalene	ND	ug/kg	13.				
Fluoranthene	ND	ug/kg	13.				
Hexachlorobutadiene	ND	ug/kg	33.				
Naphthalene	ND	ug/kg	13.				
Benzo(a)anthracene	ND	ug/kg	13.				
Benzo(a)pyrene	ND	ug/kg	13.				
Benzo(b)fluoranthene	ND	ug/kg	13.				
Benzo(k)fluoranthene	ND	ug/kg	13.				
Chrysene	ND	ug/kg	13.				
Acenaphthylene	ND	ug/kg	13.				
Anthracene	ND	ug/kg	13.				
Benzo(ghi)perylene	ND	ug/kg	13.				
Fluorene	ND	ug/kg	13.				
Phenanthrene	ND	ug/kg	13.				
Dibenzo(a,h)anthracene	ND	ug/kg	13.				
Indeno(1,2,3-cd)Pyrene	ND	ug/kg	13.				
Pyrene	ND	ug/kg	13.				
1-Methylnaphthalene	ND	ug/kg	13.				
2-Methylnaphthalene	ND	ug/kg	13.				
Pentachlorophenol	ND	ug/kg	53.				
Hexachlorobenzene	ND	ug/kg	53.				
Perylene	ND	ug/kg	13.				
Biphenyl	ND	ug/kg	13.				
2,6-Dimethylnaphthalene	ND	ug/kg	13.				

ALPHA ANALYTICAL LABORATORIES
QUALITY ASSURANCE BATCH BLANK ANALYSIS

Laboratory Job Number: L0608842

Continued

PARAMETER	RESULT	UNITS	RDL	REF	METHOD	DATE PREP	DATE ANAL	ID
Blank Analysis for sample(s) 02 (WG244732-1)								
PAH by GC/MS SIM 8270M cont'd				1	8270C-M	0628 16:15	0629 09:48	RL
1-Methylphenanthrene	ND	ug/kg	13.					
Benzo(e)Pyrene	ND	ug/kg	13.					
Hexachloroethane	ND	ug/kg	53.					
Surrogate(s)	Recovery		QC Criteria					
2-Fluorophenol	73.0	%	25-120					
Phenol-d6	80.0	%	10-120					
Nitrobenzene-d5	70.0	%	23-120					
2-Fluorobiphenyl	56.0	%	30-120					
2,4,6-Tribromophenol	62.0	%	19-120					
4-Terphenyl-d14	57.0	%	18-120					

REFERENCES

1. Test Methods for Evaluating Solid Waste: Physical/Chemical Methods. EPA SW-846. Third Edition. Updates I - IIIA, 1997.

30. Standard Methods for the Examination of Water and Wastewater. APHA-AWWA-WPCF. 18th Edition. 1992.

GLOSSARY OF TERMS AND SYMBOLS

REF	Reference number in which test method may be found.
METHOD	Method number by which analysis was performed.
ID	Initials of the analyst.
ND	Not detected in comparison to the reported detection limit.
NI	Not Ignitable.
ug/cart	Micrograms per Cartridge.

LIMITATION OF LIABILITIES

Alpha Analytical, Inc. performs services with reasonable care and diligence normal to the analytical testing laboratory industry. In the event of an error, the sole and exclusive responsibility of Alpha Analytical, Inc., shall be to re-perform the work at it's own expense. In no event shall Alpha Analytical, Inc. be held liable for any incidental consequential or special damages, including but not limited to, damages in any way connected with the use of, interpretation of, information or analysis provided by Alpha Analytical, Inc.

We strongly urge our clients to comply with EPA protocol regarding sample volume, preservation, cooling, containers, sampling procedures, holding times and splitting of samples in the field.

CHAIN OF CUSTODY PAGE 1 OF 2

Date Rec'd in Lab: 6/22/06

ALPHA Job #: L0608842

ALPHA
WESTBORO, MA TEL: 508-898-9220 FAX: 508-898-9193
RAYNHAM, MA TEL: 508-822-9300 FAX: 508-822-3288

Client Information

Client: AKRF, Inc.
Address: 440 Park Ave South NY, NY 10016
Phone: (646) 388-9529
Fax:
Email: axel_schwandt@akrf.com

☐ These samples have been previously analyzed by Alpha

Project Information

Project Name: 1346 Blondell Ave.
Project Location: Bronx
Project #: 10735
Project Manager: Axel Schwandt
ALPHA Quote #:

Turn-Around Time

☒ Standard ☐ RUSH (only confirmed if pre-approved!)
Date Due: 6/29/06 Time:

Report Information - Data Deliverables

☐ FAX ☒ EMAIL ☐ Same as Client info PO #:
☐ ADEx ☐ Add'l Deliverables

Billing Information

Regulatory Requirements/Report Limits

State /Fed Program: NYSDEC Criteria: TAGM 4046 Criteria

MA MCP PRESUMPTIVE CERTAINTY --- CT REASONABLE CONFIDENCE PROTOCOLS

☐ Yes ☐ No Are MCP Analytical Methods Required?
☐ Yes ☐ No Are CT RCP (Reasonable Confidence Protocols) Required?

Other Project Specific Requirements/Comments/Detection Limits:
TAGM detection limits + Class GA GW - NYSDEC

ANALYSIS: VOCs - 8260; SVOCs - 8270; PAH by 8270; P.P. Metals; P.P. Metals - Dissolved

SAMPLE HANDLING
Filtration: ☐ Done ☐ Not needed ☒ Lab to do
Preservation: ☒ Lab to do (Please specify below) Dissolved metals

ALPHA Lab ID (Lab Use Only)	Sample ID	Collection Date	Collection Time	Sample Matrix	Sampler's Initials	VOCs	SVOCs	PAH by 8270	P.P. Metals	P.P. Metals - Dissolved	Sample Specific Comments	TOTAL # BOTTLES
L0608842-01	S-1 (1-3')	6/21/06	8:50	soil	JL	✓	✓		✓			3
-02	S-2 (2-4')		11:30			✓	✓		✓			3
-03	S-3 (4-6')		8:20			✓	✓		✓			2
-04	S-4 (2-4')		9:10			✓	✓		✓			3
-05	S-5 (5-7')		9:40			✓	✓		✓			3
-06	S-6 (1-3')		11:00			✓	✓		✓			3
-07	S-7 (6-8')		10:45			✓	✓		✓			2
-08	S-8 (4-6')		10:00			✓	✓		✓			3
-09	S-3		8:30	water		✓	✓	✓	✓	✓		6
-10	S-6		11:15			✓	✓	✓	✓	✓		6

PLEASE ANSWER QUESTIONS ABOVE!

IS YOUR PROJECT MA MCP or CT RCP?

Container Type
Preservative

Relinquished By:	Date/Time	Received By:	Date/Time
[signature]	6/23/06 14:00	[signature]	6/23/06 14:10
Tom 2	6/23/06 1940	Michelle Thomas	6/23/06 1940

Please print clearly, legibly and completely. Samples can not be logged in and turnaround time clock will not start until any ambiguities are resolved. All samples submitted are subject to Alpha's Payment Terms. See reverse side.

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CHAIN OF CUSTODY

PAGE 2 OF 2

Date Rec'd in Lab: 6/22/06

ALPHA Job #: L0608842

ALPHA
WESTBORO, MA TEL: 508-898-9220 FAX: 508-898-9193
RAYNHAM, MA TEL: 508-822-9300 FAX: 508-822-3288

Client Information

Client: ARRF

Address: 440 Park Ave Sam NY, NY 10016

Phone: (646) 388-9529

Fax:

Email: axel-schwendt@ahrf.

☐ These samples have been previously analyzed by Alpha

Project Information

Project Name: 1346 Blondell Ave.

Project Location: Bronx, NY

Project #: 10735

Project Manager: Axel Schwendt

ALPHA Quote #:

Turn-Around Time

☒ Standard ☐ RUSH (only confirmed if pre-approved!)

Date Due: 6/29/06 Time:

Report Information - Data Deliverables

☐ FAX ☒ EMAIL

☐ ADEx ☐ Add'l Deliverables

Billing Information

☐ Same as Client info PO #:

Regulatory Requirements/Report Limits

State /Fed Program: NYS DEC Criteria: TAGM 4046 criteria

MA MCP PRESUMPTIVE CERTAINTY --- CT REASONABLE CONFIDENCE PROTOCOLS

☐ Yes ☐ No Are MCP Analytical Methods Required?

☐ Yes ☐ No Are CT RCP (Reasonable Confidence Protocols) Required?

Other Project Specific Requirements/Comments/Detection Limits:

SAMPLE HANDLING

Filtration
☐ Done
☐ Not needed
☒ Lab to do

Preservation
☒ Lab to do (Dissolved Metals)

(Please specify below)

ALPHA Lab ID (Lab Use Only)	Sample ID	Collection Date	Collection Time	Sample Matrix	Sampler's Initials	VOCs - 8260	SVOCs - 8270	P.P. Metals - TOTAL	P.P. Metals - DISS.	Sample Specific Comments	TOTAL # BOTTLES
L0608842-11	S-8	6/21/06	10:10	water	JL	✓	✓	✓	✓		6
-12	S-2	↓	11:45	↓	↓	✓	✓	✓	✓		6
-13	Trip Blank	—	—	↓		✓					2
-14	S-4	6/21/06	9:20	↓	JL	✓	✓	✓	✓		6

Container Type

Preservative

PLEASE ANSWER QUESTIONS ABOVE!

IS YOUR PROJECT MA MCP or CT RCP?

Relinquished By:	Date/Time	Received By:	Date/Time
[signature]	6/22/06 14:00	[signature]	6/22/06 14:00
[signature]	6/22/06 1940	[signature]	6/22/06 1940

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