

Limited Phase II Environmental Site Assessment

Location:

Al Steele Property
Former Enrx Property
766 New Babcock
Buffalo, New York 14206

Prepared For:

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1.0 INTRODUCTION AND BACKGROUND

AFI Environmental (AFI) conducted a Limited Phase II environmental Site Assessment (ESA) at 766 New Babcock Street, Buffalo, New York, hereinafter referred to as the “Site”. The Site consists of a 0.85-acre parcel improved with single story building with concrete floors; the remaining portions of the Site are gravel parking and undeveloped areas. A Site Location Map is included as Figure 1.

A Phase I ESA, completed for the Site in 2010 titled ‘*Phase I Environmental Site Assessment for 766 & 772 New Babcock Street, April 2010,*’ by AFI identified several Potential Areas of Environmental Concern with regards to the Site. Based on the scope of work for the Phase I ESA, the known history of the Site, and the current conditions relative to the Site, the Phase I ESA revealed evidence of Potential Areas of Environmental Concern (PAEC) in connection with the Site including, but not limited to the following:

Current Use of the Site

At the time of the preparation of AFI’s April 2010 Phase I ESA the site was being used by Mr. Al Steel and operated as a City of Buffalo approved Asbestos Abatement and Demolition Contractor equipment yard and offices known as Hanna Demolition. Records indicated the owner as Lorraine Stegura.

Unregistered ASTs, incidental leaking heavy equipment causing surface stains, piles of unknown debris, and MSW storage containers were observed on the site.

The warehouse was being used for all phases of equipment repair and maintenance. The potential environmental risks associated with these activities were noted as was the open floor pit Previous Uses of the Site:

Voelker Analysis was a permitted, hazardous waste chlorinated organic recovery facility. The facility handled solvents such as methylene chloride, trichloroethylene, perchloroethylene and 1-1-1-trichloroethane. The facility was acquired by ENRX in August of 1987 and operations were moved to the adjacent garage where there was secondary containment. The facility did not complete inventory removal from the old wood frame “rendering” building, nor explore the potential migration of waste to the environment. The facility’s permit was revoked in 1989.

Former EPA Clean-up Site:

In 1990, EPA began inventory removal of 398 drums of chlorinated solvents, 86 drums of chlorinated still bottoms, 74 lab packs and 15,000 gallons of chlorinated waste water. Some 15 to 20 drums were removed in January 1992 to complete the EPA removal action. A Preliminary Site Assessment (PSA) was conducted in October and November 1994. Groundwater monitoring did not show contamination related to the hazardous waste disposed. Between 1998 and 1999, the older wood frame portion of the facility was demolished. The contents of the still bottoms tank were re-sampled and tested for TCLP Hazardous Waste Characteristics. The waste material contained TCE at concentrations exceeding the hazardous waste threshold. The material was disposed off-site at a permitted hazardous waste disposal facility.



Internal Sump Pit

A Preliminary Site Assessment (PSA) was conducted in October and November 1994. Laboratory analytical results of sump liquid and sediment samples, and waste/sludge samples revealed the presence of hazardous waste-related Volatile Organic Compounds (VOCs) contamination throughout the building, with the most significant concentrations of TCA, TCE and PCE detected in the sumps and structures in the basement and first floor levels. Metals were found in the sludge remaining in the still bottoms tank exceeding the EP-Toxicity thresholds defining a hazardous waste.

AFI's Phase I recommendation was that the holding tank be cleaned prior to occupancy so that any risk of fugitive release, from the tank, if occurring, would not be the responsibility of the new owners. As such, AFI was hired to clean the tank and certify it; 'Clean', prior to occupancy.

On-Site Former Underground Storage Tank:

According to information obtained from a review of the Sanborn Fire Insurance Maps and information obtained from the City of Buffalo Fire Marshall, the historical records indicate the presence of an unregulated Underground Storage Tank (UST) associated with the subject site; registered to Voelker. This tank was closed in 1988; it is unknown whether orphan tanks exist on the site. As such, it is suspected that soil and/or groundwater contamination may be present as a result of historically leaking USTs.

Aboveground Storage Tanks:

Five (5) Above Ground Storage Tanks (AST's) were observed at the subject property. Three (3) tanks were located outside the subject building and appeared to be leaking with stains surrounding the tanks. As such, it is suspected that soil and/or groundwater contamination may be present as a result of historically leaking ASTs.

It is AFI's opinion that these Potential Areas of Environmental Concern are Recognized Environmental Conditions (REC's) as per the ASTM Standard Practice 1527-06 and, as such, represent a concern with regard to potential soil and/or groundwater impairment at the Site.

AFI was requested to conduct a preliminary limited subsurface evaluation in order to evaluate potential subsurface impacts at the Site as part of due diligence activities for a real estate transaction. The intended reuse of the Site is as a light industrial facility with reuse of the existing building and parking lots.

2.0 OBJECTIVE

The objective of this Phase II ESA was to conduct a gross subsurface evaluation in order to evaluate general subsurface conditions at the Site.



3.0 SCOPE OF WORK

The following Scope of Work was undertaken in accordance with our discussions:

1. An Underground Facilities Protection Organization (UFPO) was conducted at the Site, to locate subsurface utilities in the areas where the subsurface assessment would take place.
2. AFI mobilized a JCB 214 Backhoe for one day (i.e. 8-hours) of installing test pits.
3. Soil from the test pits were continuously assessed for visible impairment, olfactory indications of impairment, and/or indications of detectable volatile organic compounds (VOCs) on a Photo-Ionization Detector (PID) total VOC meter. Positive indications from any of these screening methods were collectively referred to as 'evidence of impairment'. Evidence of impairment gathered at the time of the fieldwork was used to determine the soil sampling locations.
4. Soil and groundwater samples were collected in laboratory supplied bottleware and sent under Chain of Custody procedures to Phoenix Environmental Laboratories, Inc. (Phoenix). Phoenix is a New York State Department of Health (NYSDOH) Environmental Laboratory Approval Program (ELAP) certified laboratory for the parameters tested.

4.0 INTERNAL SUMP

The central floor drain (Underground Holding Tank) (AOC-F) and associated connector piping located at the base of the indoor loading ramp, observed during the Phase I ESA, which appeared to be 2'-3' deep and 54" in diameter. AFI had concerns that the sump was an unregulated drywell or was potentially impacted by illegal dumping or spillage of regulated hazardous waste.

The major concern for a new owner/operator at this site is that the underground holding tank, observed to contain oily fluids and which recorded a PID Reading in excess of 750 ppm was not properly cleaned and could unknowingly provide a source for future fugitive release of hazardous waste.

AFI's Phase I recommendation was that the holding tank be cleaned prior to occupancy so that any risk of fugitive release, from the tank, if occurring, would not be the responsibility of the new owners. As such, AFI was hired to clean the tank and certify it; 'Clean', prior to occupancy.

Subsequent Chemical Analysis of fluids discharging from the sump, showed slight levels of chemical constituents consistent with the types of chemicals that were consistent with those chemical identified with the EPA's previous activities.

4.1 SUMP CLEANING ACTIVITIES

On Thursday, June 24, 2010 AFI mobilized a Vac-Truck, 'steam-jenny', spill truck, and hazmat cleaning crew to the site where ~750 Gallons of a mixture of water, sludge and solids were removed from the Underground Holding Tank and connecting lines, and sent for proper disposal. The holding tank, the drains,



the sewer connection and the concrete floor were then pressure washed using 5000psi steam and water. The holding tank was then dried and thoroughly cleaned using oil absorbent and clean rags.

An additional Floor Drain connected to the City Sewer, located in the west garage bay, was opened and cleaned of sludge and solids by hand, then flushed with a pressure, steam and water.

Prior to leaving the site the feed lines, the holding tank, and the drain lines were steam cleaned and wipe tested. Any prior spillage or leakage of the drain, or seepage through the concrete pad MAY have impacted subsurface soils. However, soil testing conducted outdoor near the second accumulator revealed no contaminants at levels higher than what existed during the EPA testing and closeout in 1999. Regional Groundwater impacts were recorded, but EPA listed them as non- threatening due to the lack of wells for drinking water and the area was served by municipal water supply.

5.0 TEST PIT AND GROUNDWATER INVESTIGATION

5.1 FIELD ACTIVITIES

A total of 7 (seven) test pits (designated TP-1 through TP-7) were installed at the Site on May 25, 2010 to evaluate the general subsurface conditions of the Site. The test pits were advanced around the onsite building down to bedrock; depths ranging from about 6 to 8.5-feet below ground surface.

The test pits were installed in the following locations to evaluate potential subsurface impacts due to historic operations at the Site and on the adjoining parcels.

- Test pit TP-1 in Area of Concern (AOC-A) was installed to evaluate the competency of the City of Buffalo combined sewer system and to determine if soil and/or groundwater had been impacted by up-gradient sites.
- Test pits TP-2 and TP-3 were installed in AOC-B to evaluate the impacts to the subsurface from historically leaking unregistered ASTs observed during the Phase I ESA (ASTs removed prior to conducting this Phase II ESA.)
- Test pits TP-4 and TP-6 in AOC-C were installed to evaluate the impacts of the Internal Sump to the soil and groundwater via leaching through the foundation to the South (lower elevation).
- Test pit TP-5 in AOC-D was installed to evaluate the southern property line of the adjoining property 772 New Babcock St.
- Test pit TP-7 in AOC-E was installed to evaluate the impacts of historic truck and equipment storage to the subsurface soils.

The test pit locations are illustrated on Figure 2. The AOCs are illustrated on Figure 3.

Soil Type

Soils at the Site in the gravel parking areas and undeveloped areas consisted of fill that generally ranged from a coarse sand to some coarse to fine-grained Gravel to a Clayey Silt. The Fill Material was found to contain varying amounts of man-made materials including Brick, Concrete, Block, Ash and Wood. The Fill



Material deposits, including the surface gravel was found to a depth of at least 7-feet below grade.

The depth to water beneath the Site ranged from approximately 5.5 to 7.5-feet below the ground surface. Based on surface topography, groundwater flow is anticipated to be toward the southwest, however, and actual groundwater flow direction has not been determined.

PID Field Screening

Table 1 shows PID readings collected from the test pits at the time of the fieldwork.

**Table 1
Test Pit PID Readings**

Test Pit	Depth of Sample Analyzed				
	0'-2'	2'-4'	4'-6'	6'-8'	8'-8.5'
TP-1	0.0	0.0	0.0	0.0	-----
TP-2	28.7	36.2	51.6	27.2	-----
TP-3	0.0	0.0	0.0	0.0	-----
TP-4	0.0	0.0	0.0	0.0	-----
TP-5	0.0	0.0	0.0	0.0	-----
TP-6	0.0	0.0	0.0	0.0	-----
TP-7	0.0	0.0	0.0	0.0	-----

Note: All PID readings were collected utilizing a MiniRae 3000 photoionization detector and represent total VOCs in ppm

----- denotes soil not scanned for this interval

As noted in Table 1 above, PID readings greater than 5.0 parts per million (ppm) were encountered in soil collected from test pit TP-2 (Former unregulated AST area). TP-1, TP-2, TP-3, TP-4 and TP-7 revealed fill materials which included urban fill and/or ash. These types of fill materials are typically associated with semi-volatile organic compounds (SVOCs) and/or heavy metals.

Copies of the Field Logs are included in Appendix 1.

Groundwater Sampling

To further evaluate subsurface conditions at the Site, groundwater samples were collected from test pits TP1 and TP4 to evaluate the uppermost groundwater zone.

6.0 ANALYTICAL TESTING AND RESULTS

This section discusses the soil and groundwater sampling activities, including the sample locations, analysis performed and the results of the analytical testing.

Soil Sampling Program:

A total of six (6) soil samples were submitted for laboratory analysis from the test pits at the Site. The



samples were sent under proper Chain of Custody control to Phoenix Laboratory located in Manchester, Connecticut (NYS DOH ELAP ID# 11301). The location of soil samples submitted for testing and type of analytical analysis performed are identified below.

- **TP-1 (0'-5')**: analyzed for Target Compound List (TCL) VOCs using United States Environmental Protection Agency (USEPA) Method 8260 and TCL SVOCs using USEPA Method 8270.
- **TP-1 (5'-6')**: analyzed for TCL VOCs using USEPA Method 8260, TCL SVOCs using USEPA Method 8270, Polychlorinated biphenyls (PCBs) using USEPA Method 8082, and Resource Conservation and Recovery act (RCRA) Metals using USEPA Method 6010 and 7471.
- **TP-2 (0'-8')**: analyzed for TCL VOCs using USEPA Method 8260, TCL SVOCs using USEPA Method 8270, PCBs)using USEPA Method 8082, and RCRA Metals using USEPA Method 6010 and 7471.
- **TP-4 & 6 (0'-8')**: analyzed for TCL VOCs using USEPA Method 8260, TCL SVOCs using USEPA Method 8270, PCBs)using USEPA Method 8082, and RCRA Metals using USEPA Method 6010 and 7471.
- **TP-5 (0'-7')**: analyzed for TCL VOCs using USEPA Method 8260 and TCL SVOCs using USEPA Method 8270.
- **TP-7 (4'-8')**: analyzed for TCL VOCs using USEPA Method 8260, TCL SVOCs using USEPA Method 8270, PCBs)using USEPA Method 8082, and RCRA Metals using USEPA Method 6010 and 7471.

The analytical test results were compared to the Recommended Soil Cleanup Objectives (RSCOs) referenced in NYSDEC CP-51 dated October 21, 2010. Copies of the laboratory reports are included in Appendix 2. A discussion of the soil sampling results is provided below.

Volatile Organic Compounds

VOCs were not detected above the laboratory detection limits in any of the six (6) soil samples submitted for analysis from the Site.

Polychlorinated biphenyls

PCBs were not detected above the laboratory detection limits in five (5) of the six (6) soil samples submitted for testing from the Site. PCB sample results are presented below in Table 2.



Table 2
Summary of Detected PCBs in Soil Samples
Analytical Results in Milligrams per Kilogram (mg/Kg) or ppm

Parameter	TP-1 (0'-5')	TP-1 (5'-6')	TP-2 (0'-8')	TP-4&6 (0'-8')	TP-5 (0'-7')	TP-7 (4'-8')	CP-51 (Protection of Ecological Resources)
PCB-1260	NA	ND	ND	1.4	NA	ND	1.0

Notes:
 ND denotes that the compound was not detected above the laboratory detection limit.
 NA denotes Not Applicable

Semi-Volatile Organic Compounds

SVOCs were not detected above the laboratory detection limits in the three (3) of the six (6) soil samples submitted for testing from the Site. Table 3 below summarizes the testing results for SVOCs detected above the laboratory detection limits for the Site.

Table 3
Summary of Detected SVOCs in Soil Samples
Analytical Results in Milligrams per Kilogram (mg/Kg) or ppm

Parameter	TP-1 (0'-5')	TP-1 (5'-6')	TP-2 (0'-8')	TP-4&6 (0'-8')	TP-5 (0'-7')	TP-7 (4'-8')	CP-51 (Protection of Ecological Resources)
Benz(a)anthracene	ND	ND	ND	0.8	ND	ND	1.0
Benzo(a)pyrene	ND	ND	ND	0.89	ND	ND	1.0
Benzo(b)fluoranthene	ND	ND	ND	1.2	ND	ND	1.0
Benzo(g,h,i)perylene	ND	ND	ND	0.58	ND	ND	100
Benzo(k)fluoranthene	ND	ND	ND	0.37	ND	ND	0.8
Chrysene	ND	ND	ND	0.75	ND	ND	1.0
Fluoranthene	ND	ND	ND	1.8	ND	ND	100
Indeno(1,2,3-cd)pyrene	ND	ND	ND	0.56	ND	ND	0.5
Phenanthrene	ND	ND	0.53	0.99	0.41	ND	100
Phenol	ND	ND	ND	ND	1.1	ND	0.33
Pyrene	ND	ND	ND	1.4	ND	ND	100
2-Methylnaphthalene	ND	ND	0.9	ND	ND	ND	-----

Notes:
 ND denotes that the compound was not detected above the laboratory detection limit.
Boldtype highlight denotes that the detected concentration exceeds its associated CP-51 Soil Cleanup Level.
 ----- denotes no value



RCRA Metals

RCRA Metals were not detected above the Part 375-6.8(a) SCOs in two (2) of the four (4) soil samples submitted for testing from the Site. A summary of the RCRA Metals testing results is provided in Table 4 below: **Table 4**

Summary of Detected Metals in Soil Samples
Analytical Results in Milligrams per Kilogram (mg/Kg) or ppm

Parameter	TP-1 (0'-5')	TP-1 (5'-6')	TP-2 (0'-8')	TP-4&6 (0'-8')	TP-5 (0'-7')	TP-7 (4'-8')	Part 375- 6.8(a) SCOs
Arsenic	-----	6.3	3.0	7.9	-----	8.3	13
Barium	-----	118	81.6	127	-----	205	350
Cadmium	-----	0.73	ND	1.75	-----	0.45	2.5
Chromium	-----	20.4	18.3	60.6	-----	25.1	30
Lead	-----	56.1	57.4	161	-----	24	63
Mercury	-----	ND	0.30	0.39	-----	ND	0.18
Selenium	-----	ND	ND	ND	-----	ND	3.9
Silver	-----	ND	ND	ND	-----	ND	2.0

Notes:

ND denotes that the compound was not detected above the laboratory detection limit.

Bold type highlight denotes that the detected concentration exceeds its associated Part 375-6.8(a) SCOs.

----- denotes no value.

Groundwater Sampling Program:

Groundwater samples were collected from two (2) test pits; TP-1 and TP-4. The samples were sent under proper Chain of Custody control to Phoenix Laboratory in Manchester Connecticut, The soil samples submitted for testing and analytical analysis performed are identified below.

- **TP-1:** analyzed for TCL VOCS using USEPA Method 8260 and TCL SVOCS using USEPA Method 8270.
- **TP-4:** analyzed for TCL VOCS using USEPA Method 8260 and TCL SVOCS using USEPA Method 8270.

The results of this sampling are summarized on Table 5 below:

Volatile Organic Compounds

Sample TP1 only exceeded the NYSDEC TOGS 1.1.1 Table 5 Groundwater Effluent Limitations for Xylene. Sample TP4 exceeded the same standards for Vinyl Chloride, Toluene, Trichloroethene, Benzene, cis-1,2-Dichloroethene and 1,1-Dichloroethene. Table 5 presents the testing results for VOCs detected above the laboratory detection limits for the samples submitted for analysis for the Former ENRX Site.



Table 5
Summary of Detected VOCs in Groundwater Samples
Analytical Results in Micrograms per Kilogram (µg/Kg) or ppb

Parameter	Well Location		NYCDEC TOGS 1.1.1 (Table 5) Groundwater Effluent Limitations
	TP1	TP4	
1,2,4- Trimethylbenzene	4.0	ND	5
1,1,1-Trichloroethane	ND	1.8	5
1,1-Dichloroethane	ND	27	5
1,3,5- Trimethylbenzene	2.9	ND	5
Ethylbenzene	1.2	ND	5
m&p-Xylene	13	2.4	5
Naphthalene	1.2	ND	10
Tetrachloroethene	2.0	2.0	5
Benzene	ND	26	0.7
Methyl t-butyl ether (MTBE)	ND	300	-----
cis-1,2-Dichloroethene	ND	27	5
toluene	3.7	26	5
o-Xylene	ND	1.7	5
trans-1,2-Dichloroethene	ND	4.2	5
Trichloroethene	ND	16	5
Vinyl chloride	ND	43	2
Total Xylenes	21.8	4.1	5

Notes:

ND denotes that the compound was not detected above the laboratory detection limit.

Boldtype highlight denotes that the detected concentration exceeds its associated TOGS 1.1.1 Groundwater Standards.

----- denotes no value.

Semi- Volatile Organic Compounds

Both groundwater samples exceeded the NYSDEC TOGS 1.1.1 Table 5 Groundwater Effluent Limitations for Benz(a)anthracene, Benzo(a)pyrene, Benzo(b)fluoranthene. Below in Table 6 are the testing results for SVOCs detected above the laboratory detection limits for the Site.



Table 6
Summary of Detected SVOCs in Groundwater Samples
Analytical Results in Micrograms per Kilogram (µg/Kg) or ppb

Parameter	Well Locations		6 NYCDEC TOGS 1.1.1 (Table 5) Groundwater Effluent Limitations
	TP1	TP4	
Benz(a)anthracene	0.22	0.25	0.002
Benzo(a)pyrene	0.21	0.024	0.002
Benzo(b)fluoranthene	0.30	0.029	0.002
Phenanthrene	0.61	0.36	50

Notes:

Boldtype highlight denotes that the detected concentration exceeds its associated TOGS 1.1.1 Groundwater Standards.



7.0 SUMMARY OF FINDINGS AND CONCLUSIONS

The Limited Phase II ESA was conducted to evaluate the gross subsurface and groundwater conditions at the Site. Specifically, this Phase II ESA consisted of advancing seven (7) test pits, field screening and gross examination of soils for nuisance characterization and likelihood for residual contamination. Groundwater samples were recovered from two (2) test pit locations and were analyzed for VOCs and SVOCs. Based on field observations and analytical results from soil and groundwater samples the following findings are presented.

Summary of Findings:

- Analytical Results from the soil samples collected from the test pits did not indicate concentrations of VOCs above the laboratory detection limits.
- Composite soil sample, TP-4&6 (0'-8'), analyzed for SVOCs identified elevated concentrations of Benzo(b)fluoranthene and Indeno(1,2,3-cd)pyrene above the CP-51 Standards. Sample TP-5 (0'-7') identified elevated levels of Phenol above the CP-51 Standards.
- Fill Material which included brick, block, gravel, concrete, urban fill, ash and wood was encountered in all seven (7) test pit locations. The Fill Material deposits, including the surface gravel was found to a depth of at least 7-feet below grade. This indicated that demolition material from the previous buildings was used as backfill for the site.
- Composite soil sample, TP-4&6 (0'-8'), analyzed for RCRA Metals identified elevated concentrations (above below the Part 375 standards) of three (3) RCRA Metals (Chromium, Lead and Mercury). Composite soil sample, TP-2 0'-7' analyzed for RCRA Metals identified elevated concentrations for Mercury. Other samples analyzed for RCRA Metals were below the Part 375 standards.
- Composite soil sample, TP-4&6 (0'-8'), analyzed for PCBs identified slightly elevated concentrations of PCB-1260 above CP-51 Standards.
- The chemical analysis for groundwater sample TP1 analyzed for VOCs exceed NYSDEC TOGS 1.1.1 Effluent Limitations for m&p-Xylene and Total Xylenes. Groundwater analytical for TP4 collected for VOCs exceed NYSDEC TOGS 1.1.1 Effluent Limitations for 1,1-Dichloroethane, cis-1,2-Dichloroethene, Toluene, Trichloroethene, Vinyl chloride and Benzene.
- The Chemical analysis for both groundwater samples collected and analyzed for SVOCs exceeded NYSDEC TOGS 1.1.1 Effluent Limitations for Benz(a)anthracene, Benzo(a)pyrene, Benzo(b)fluoranthene and show traces of Phenanthrene.



Conclusions:

Based on the above findings of the Limited Phase II ESA, AFI recommends the following for each specific area of concern:

- A. Area of Concern – A:** Based on the lack of impacts to the soils observed through soil screening for nuisance characteristics and through analytical soil sampling, AFI feels that no further action is warranted for this AOC soils in this area.

The Groundwater sampled in this area exceeded TOGS 1.1.1 for VOCs and SVOCs. It is AFI's opinion that based on the location of the Site (i.e. light industrial setting) and portable water being supplied by a municipal water source, the elevated concentration of VOCs and SVOCs do not represent a significant or immediate remedial concern.

- B. Area of Concern – B:** This area previously housed the leaking unregistered ASTs. Soil scanning with the PID revealed PID readings ranging as high as 51.6 ppm, but never lower than 27.2 ppm. Soil sampling revealed elevated levels of Mercury, but did not reveal any elevated levels of VOCs, SVOCs, or PCBs. As such, AFI feels this area should be scraped and properly disposed of.

Subsequent Site visits after the completion of this Phase II ESA revealed that this Site surface was scraped to a depth of 4" in this area by others. AFI, however, does not have the documentation of disposal of this material.

- C. Area of Concern – C:** The composite sample collected in this area revealed elevated levels of SVOCs, PCBs, and Heavy Metals. No VOCs were present above the laboratory detection limits.

The Groundwater sampled in this area exceeded TOGS 1.1.1 for VOCs and SVOCs. It is AFI's opinion that based on the location of the Site (i.e. light industrial setting) and portable water being supplied by a municipal water source, the elevated concentration of VOCs and SVOCs do not represent a significant or immediate remedial concern.

- D. Area of Concern – D:** No nuisance characteristics were observed at the south border of the property. Despite the fill being classified as mostly urban fill, analytical sampling revealed only one exceedance of the CP-51 standards for the SVOC Phenol. AFI feels that no further investigation or remediation is warranted for the soils in this area since the EPA had closed their investigation of the Site.

- E. Area of Concern – E:** Based on AFI's field observations and analytical sampling results, the truck/equipment storage area does not require any additional investigation or remediation.



F. **Area of Concern – F:** The internal sump was cleaned and verified clean by AFI. It is AFI's recommendation that this sump should be properly sealed to prevent future fugitive releases.



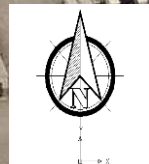
Figures



Limited Phase II ESA
766 Babcock Street, Buffalo, New York



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766 New Babcock St
Buffalo, NY 14206

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Not to Scale



7815 BUFFALO AVE
P.O. BOX 4049
NIAGARA FALLS, NY 14304
(716) 283-7645

Site Location Map

766 NEW BABCOCK STREET
BUFFALO, NY 14206

FIGURE 1

PROJECT NO.: V1012 - Babcock

DRAFTED BY: GSH



Not to Scale



7815 BUFFALO AVE
 P.O. BOX 4049
 NIAGARA FALLS, NY 14304
 (716) 283-7645

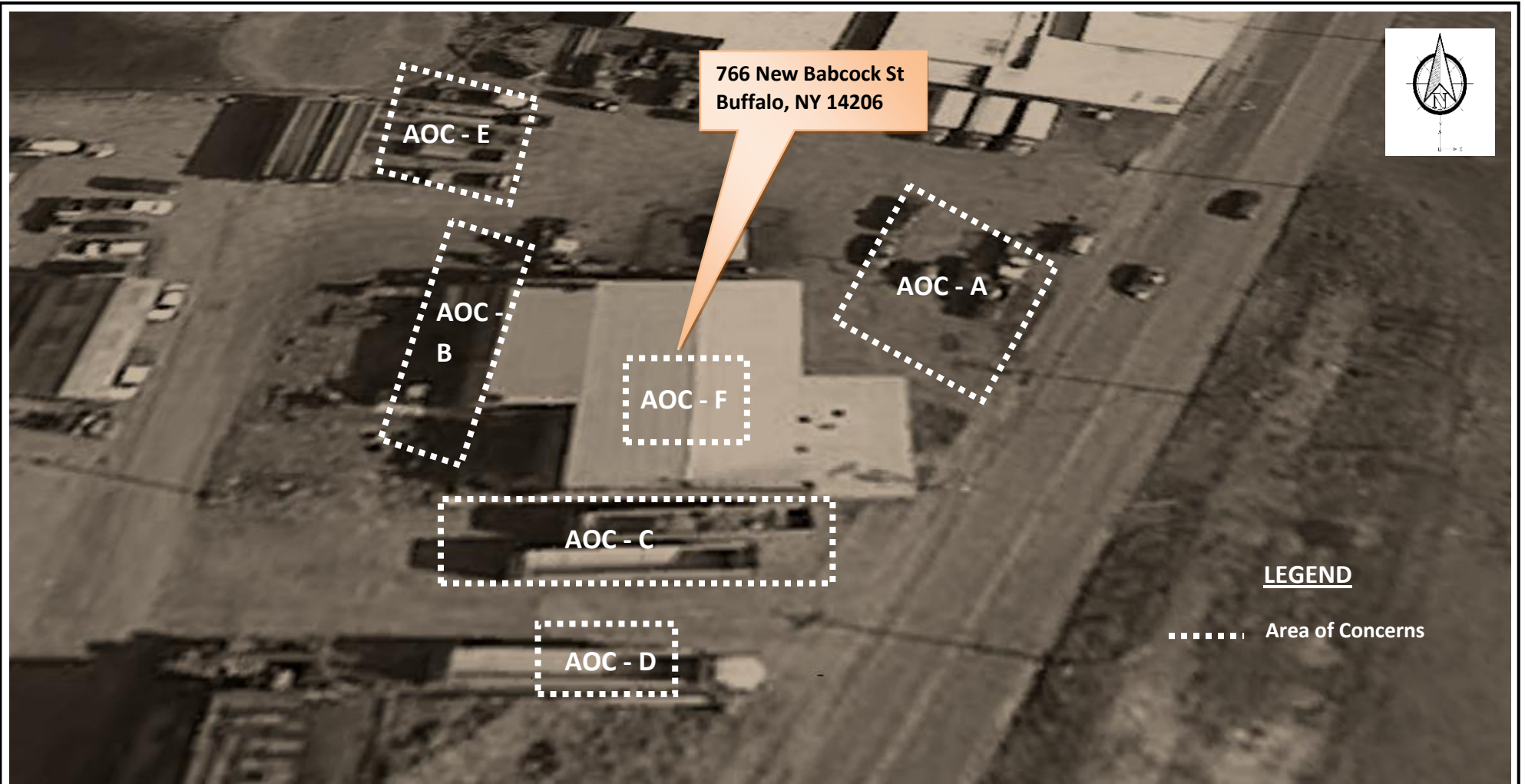
PROJECT NO.: V1012 - Babcock

DRAFTED BY: GSH

SAMPLE LOCATION MAP

766 NEW BABCOCK
 BUFFALO, NY 14206

FIGURE 2



Not to Scale



7815 BUFFALO AVE
 P.O. BOX 4049
 NIAGARA FALLS, NY 14304
 (716) 283-7645

AREA OF CONCERN MAP

766 NEW BABCOCK
 BUFFALO, NY 14206

PROJECT NO.: V1012 - Babcock

DRAFTED BY: GSH

FIGURE 3

Appendix A



Limited Phase II ESA
766 Babcock Street, Buffalo, New York

TEST PIT LOG

DATE: 5/25/10 **LOCATION:** 766 New Babcock St. **PROJECT #:** V1012 New Babcock

Weather Conditions Clear/Sunny **Temperature** 85° F **Wind Speed/Direction** 3.8 mph/NE **Humidity** 64%

TECHNICIAN: G. Heitzenrater/E. Benton

TEST PIT #	DEPTH	SOIL DESCRIPTION	COMMENTS	PID READING PPM
1	0"-6"	Light rocky soil	Composite Sample Collected	0.00
	6"-12"	Light rocky soil some fill		0.00
1	12"-18"	Urban Fill	Composite Sample Collected	0.00
	18"-24"	Urban Fill		0.00
1	2'-2.5'	Fly Ash/Urban Fill	Composite Sample Collected	0.00
	2.5'-3'	Fly Ash/Urban Fill		0.00
1	3'-3.5'	Fly Ash/Some Brick	Composite Sample Collected	0.00
	3.5'-4'	Brown Soil		0.00
1	4.5'-5'	Brown Soil	Some Staining Water at 5.5' Water Sample Collected	0.00
	5'-5.5'	Dark Brown Soil		0.00
1	5.5'-6'	Dark Brown Stained Soil	Sample Collected	0.00
	6.5'-7'	Brown Clay		0.00
1	7'-7.5'	Brown Clay		0.00
	7.5- 8'	Brown Clay		0.00
1	8.5'	Bed Rock		

TEST PIT LOG

DATE: 5/25/10 **LOCATION:** 766 New Babcock St. **PROJECT #:** V1012 New Babcock

Weather Conditions Clear/Sunny **Temperature** 85° F **Wind Speed/Direction** 3.8 mph/NE **Humidity** 64%

TECHNICIAN: G. Heitzenrater/E. Benton

TEST PIT #	DEPTH	SOIL DESCRIPTION	COMMENTS	PID READING PPM
2	0"-6" 6"-12"	Light rocky soil Light rocky soil some fill	Composite Sample Collected	28.7 28.7
2	12"-18" 18"-24"	Urban Fill/Fly Ash Urban Fill/Fly Ash	Composite Sample Collected	28.7 28.7
2	2'-2.5' 2.5'-3'	Fly Ash/Brick Fly Ash/Brick	Composite Sample Collected	36.2 36.2
2	3'-3.5' 3.5'-4'	Fly Ash/Some Brick Brown Soil	Composite Sample Collected	36.2 36.2
2	4.5'-5' 5'-5.5'	Brown Soil Dark Brown Stained Soil	Composite Sample Collected	51.6 51.6
2	5.5'-6' 6.5'-7'	Black Stained Soil Brown Clay	Composite Sample Collected	51.6 51.6
2	7'-7.5' 7.5- 8'	Brown Clay Brown Clay	Composite Sample Collected	27.2 27.2
2	8.5'	Bed Rock		

TEST PIT LOG

DATE: 5/25/10 LOCATION: 766 New babcock St. PROJECT #: V1012 New Babcock

Weather Conditions Clear/Sunny Temperature 85° F Wind Speed/Direction 3.8 mph/NE Humidity 64%

TECHNICIAN: G. Heitzenrater/E. Benton

TEST PIT #	DEPTH	SOIL DESCRIPTION	COMMENTS	PID READING PPM
3	0"-6"	Light rocky soil		0.00
	6"-12"	Light rocky soil some fill		0.00
3	12"-18"	Urban Fill		0.00
	18"-24"	Urban Fill		0.00
3	2'-2.5'	Fly Ash/Urban Fill		0.00
	2.5'-3'	Fly Ash/Urban Fill		0.00
3	3'-3.5'	Fly Ash/Some Brick		0.00
	3.5'-4'	Brown Soil		0.00
3	4.5'-5'	Brown Soil		0.00
	5'-5.5'	Dark Brown Soil		0.00
3	5.5'-6'	Dark Brown Stained Soil		0.00
	6.5'-7'	Brown Clay		0.00
3	7'-7.5'	Brown Clay		0.00
	7.5'-8'	Brown Clay		0.00
	8.5'	Bed Rock		

TEST PIT LOG

DATE: 5/25/10 LOCATION: 766 New babcock St. PROJECT #: V1012 New Babcock

Weather Conditions __Clear/Sunny__ Temperature __85° F__ Wind Speed/Direction __3.8 mph/
NE__ Humidity __64%__

TECHNICIAN: G. Heitzenrater/E. Benton

TEST PIT #	DEPTH	SOIL DESCRIPTION	COMMENTS	PID READING PPM
4	0"-6" 6"-12"	Light rocky soil Light rocky soil some fill	Composite Sample TP 4 & TP 6 Collected	0.00 0.00
4	12"-18" 18"-24"	Urban Fill Urban Fill	Composite Sample TP 4 & TP 6 Collected	0.00 0.00
4	2' - 2.5' 2.5' - 3'	Fly Ash/Urban Fill Fly Ash/Urban Fill	Composite Sample TP 4 & TP 6 Collected	0.00 0.00
4	3'-3.5' 3.5'-4'	Fly Ash/Some Brick Brown Soil	Composite Sample TP 4 & TP 6 Collected	0.00 0.00
4	4.5'-5' 5'-5.5'	Brown Soil Dark Brown Soil	Composite Sample TP 4 & TP 6 Collected Some Staining	0.00 0.00
4	5.5'-6' 6.5'-7'	Dark Brown Stained Soil Brown Clay	Composite Sample TP 4 & TP 6 Collected	0.00 0.00
4	7'-7.5' 7.5- 8'	Brown Clay Brown Clay	Water at 7.5' Water Sample Collected	0.00 0.00
	8.5'	Bed Rock		

TEST PIT LOG

DATE: 5/25/10 **LOCATION:** 766 New babcock St. **PROJECT #:** V1012 New Babcock

Weather Conditions Clear/Sunny **Temperature** 85° F **Wind Speed/Direction** 3.8 mph/NE **Humidity** 64%

TECHNICIAN: G. Heitzenrater/E. Benton

TEST PIT #	DEPTH	SOIL DESCRIPTION	COMMENTS	PID READING PPM
5	0"-6"	Light rocky soil	Composite Sample Collected	0.00
	6"-12"	Light rocky soil some fill		0.00
5	12"-18"	Urban Fill/Block	Composite Sample Collected	0.00
	18"-24"	Urban Fill/Brick		0.00
5	2'-2.5'	Urban Fill/Block	Composite Sample Collected	0.00
	2.5'-3'	Brick/Wood		0.00
5	3'-3.5'	Urban Fill/Block	Composite Sample Collected	0.00
	3.5'-4'	Brick/Wood		0.00
5	4.5'-5'	Urban Fill/Block	Composite Sample Collected Some Staining	0.00
	5'-5.5'	Brick/ Wet Wood		0.00
5	5.5'-6'	Black Stained Soil mixed with block and Wet Wood	Composite Sample Collected	0.00
	6.5'-7'			0.00
5	7'-7.5'	Black Stained Soil mixed Bed Rock	Composite Sample Collected	0.00
	7.5- 8'			0.00

TEST PIT LOG

DATE: 5/25/10 **LOCATION:** 766 New babcock St. **PROJECT #:** V1012 New Babcock

Weather Conditions Clear/Sunny **Temperature** 85° F **Wind Speed/Direction** 3.8 mph/NE **Humidity** 64%

TECHNICIAN: G. Heitzenrater/E. Benton

TEST PIT #	DEPTH	SOIL DESCRIPTION	COMMENTS	PID READING PPM
6	0"-6"	Light rocky soil	Composite Sample TP 4 & TP 6 Collected	0.00
	6"-12"	Light rocky soil some fill		0.00
6	12"-18"	Urban Fill/Block	Composite Sample TP 4 & TP 6 Collected	0.00
	18"-24"	Urban Fill/Brick		0.00
6	2'-2.5'	Urban Fill/Block	Composite Sample TP 4 & TP 6 Collected	0.00
	2.5'-3'	Brick/metal		0.00
6	3'-3.5'	Urban Fill/Block	Composite Sample TP 4 & TP 6 Collected	0.00
	3.5'-4'	Brick/metal		0.00
6	4.5'-5'	Brown Soil/brick	Composite Sample TP 4 & TP 6 Collected Some Staining	0.00
	5'-5.5'	Gray Clay		0.00
6	5.5'-6'	Bed Rock		

TEST PIT LOG

DATE: 5/25/10 **LOCATION:** 766 New babcock St. **PROJECT #:** V1012 New Babcock

Weather Conditions __Clear/Sunny__ Temperature __85° F__ Wind Speed/Direction_3.8 mph/
 NE__ Humidity_64%__

TECHNICIAN: G. Heitzenrater/E. Benton

TEST PIT #	DEPTH	SOIL DESCRIPTION	COMMENTS	PID READING PPM
7	0"-6" 6"-12"	Light rocky soil Light rocky soil some fill		0.00 0.00
7	12"-18" 18"-24"	Urban Fill Urban Fill		0.00 0.00
7	2' - 2.5' 2.5' - 3'	Fly Ash/Urban Fill Fly Ash/Urban Fill		0.00 0.00
7	3'-3.5' 3.5'-4'	Fly Ash/Some Brick Brown Soil		0.00 0.00
7	4.5'-5' 5'-5.5'	Brown Sandy Soil Brown Sandy Soil		0.00 0.00
7	5.5'-6' 6.5'-7'	Brown Soil Brown Clay		0.00 0.00
7	7'-7.5' 7.5- 8'	Brown Clay Brown Clay		0.00 0.00
	8.5'	Bed Rock		

Appendix B



Limited Phase II ESA
766 Babcock Street, Buffalo, New York



Friday, May 28, 2010

Attn: Mr. William Hertenater
AFI Environmental
P.O. Box 4049
Niagara Falls, NY 14304

Project ID: V1012 BABCOCK
Sample ID#s: AZ08417 - AZ08419

This laboratory is in compliance with the QA/QC procedures outlined in EPA 600/4-79-019, Handbook for Analytical Quality in Water and Waste Water, March 1979, SW846 QA/QC and NELAC requirements of procedures used.

This report contains results for the parameters tested, under the sampling conditions described on the Chain Of Custody, as received by the laboratory.

A scanned version of the COC form accompanies the analytical report and is an exact duplicate of the original.

If you have any questions concerning this testing, please do not hesitate to contact Phoenix Client Services at ext. 200.

Sincerely yours,

A handwritten signature in black ink that reads "Phyllis Shiller". The signature is written in a cursive style.

Phyllis Shiller
Laboratory Director

NELAC - #NY11301
CT Lab Registration #PH-0618
MA Lab Registration #MA-CT-007
ME Lab Registration #CT-007
NH Lab Registration #213693-A,B
NJ Lab Registration #CT-003
NY Lab Registration #11301
PA Lab Registration #68-03530
RI Lab Registration #63
VT Lab Registration #VT11301



Environmental Laboratories, Inc.
 587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045
 Tel. (860) 645-1102 Fax (860) 645-0823

Analysis Report

May 28, 2010

FOR: Attn: Mr. William Hertenater
 AFI Environmental
 P.O. Box 4049
 Niagara Falls, NY 14304

Sample Information

Matrix: SOIL
 Location Code: AFI-ENV
 Rush Request: RUSH#
 P.O.#: EB-146-01

Custody Information

Collected by: EB
 Received by: LDF
 Analyzed by: see "By" below

Date Time
 05/25/10 11:10
 05/26/10 11:16

Laboratory Data

SDG ID: GAZ08417
 Phoenix ID: AZ08417

Project ID: V1012 BABCOCK
 Client ID: TP1 5-6

Parameter	Result	RL	Units	Date	Time	By	Reference
Arsenic	6.3	1.1	mg/Kg	05/27/10		EK	SW6010
Barium	118	0.56	mg/Kg	05/27/10		EK	SW6010
Cadmium	0.73	0.56	mg/Kg	05/27/10		EK	SW6010
Chromium	20.4	0.56	mg/Kg	05/27/10		EK	SW6010
Lead	56.1	0.56	mg/Kg	05/27/10		EK	SW6010
Mercury	< 0.12	0.12	mg/Kg	05/27/10		RS	SW-7471
Selenium	< 2.2	2.2	mg/Kg	05/27/10		EK	SW6010
Silver	< 0.56	0.56	mg/Kg	05/27/10		EK	SW6010
Percent Solid	63		%	05/26/10		M/JL	E160.3
Soil Extraction for PCB	Completed			05/26/10		BB/D	SW3545
Soil Extraction for SVOA	Completed			05/26/10		QS/D	SW3545
Mercury Digestion	Completed			05/27/10		E	SW7471
Total Metals Digest	Completed			05/26/10		C/AG	SW846 - 3050

Volatiles

1,1,1,2-Tetrachloroethane	ND	400	ug/Kg	05/26/10		R/J	SW8260
1,1,1-Trichloroethane	ND	400	ug/Kg	05/26/10		R/J	SW8260
1,1,2,2-Tetrachloroethane	ND	400	ug/Kg	05/26/10		R/J	SW8260
1,1,2-Trichloroethane	ND	400	ug/Kg	05/26/10		R/J	SW8260
1,1-Dichloroethane	ND	400	ug/Kg	05/26/10		R/J	SW8260
1,1-Dichloroethene	ND	400	ug/Kg	05/26/10		R/J	SW8260
1,1-Dichloropropene	ND	400	ug/Kg	05/26/10		R/J	SW8260
1,2,3-Trichlorobenzene	ND	400	ug/Kg	05/26/10		R/J	SW8260
1,2,3-Trichloropropane	ND	400	ug/Kg	05/26/10		R/J	SW8260
1,2,4-Trichlorobenzene	ND	400	ug/Kg	05/26/10		R/J	SW8260
1,2,4-Trimethylbenzene	ND	400	ug/Kg	05/26/10		R/J	SW8260
1,2-Dibromo-3-chloropropane	ND	400	ug/Kg	05/26/10		R/J	SW8260
1,2-Dichlorobenzene	ND	400	ug/Kg	05/26/10		R/J	SW8260

Parameter	Result	RL	Units	Date	Time	By	Reference
1,2-Dichloroethane	ND	400	ug/Kg	05/26/10		R/J	SW8260
1,2-Dichloropropane	ND	400	ug/Kg	05/26/10		R/J	SW8260
1,3,5-Trimethylbenzene	ND	400	ug/Kg	05/26/10		R/J	SW8260
1,3-Dichlorobenzene	ND	400	ug/Kg	05/26/10		R/J	SW8260
1,3-Dichloropropane	ND	400	ug/Kg	05/26/10		R/J	SW8260
1,4-Dichlorobenzene	ND	400	ug/Kg	05/26/10		R/J	SW8260
2,2-Dichloropropane	ND	400	ug/Kg	05/26/10		R/J	SW8260
2-Chlorotoluene	ND	400	ug/Kg	05/26/10		R/J	SW8260
2-Hexanone	ND	2000	ug/Kg	05/26/10		R/J	SW8260
2-Isopropyltoluene	ND	400	ug/Kg	05/26/10		R/J	SW8260
4-Chlorotoluene	ND	400	ug/Kg	05/26/10		R/J	SW8260
4-Methyl-2-pentanone	ND	2000	ug/Kg	05/26/10		R/J	SW8260
Acetone	ND	2000	ug/Kg	05/26/10		R/J	SW8260
Acrylonitrile	ND	790	ug/Kg	05/26/10		R/J	SW8260
Benzene	ND	400	ug/Kg	05/26/10		R/J	SW8260
Bromobenzene	ND	400	ug/Kg	05/26/10		R/J	SW8260
Bromochloromethane	ND	400	ug/Kg	05/26/10		R/J	SW8260
Bromodichloromethane	ND	400	ug/Kg	05/26/10		R/J	SW8260
Bromoform	ND	400	ug/Kg	05/26/10		R/J	SW8260
Bromomethane	ND	400	ug/Kg	05/26/10		R/J	SW8260
Carbon Disulfide	ND	400	ug/Kg	05/26/10		R/J	SW8260
Carbon tetrachloride	ND	400	ug/Kg	05/26/10		R/J	SW8260
Chlorobenzene	ND	400	ug/Kg	05/26/10		R/J	SW8260
Chloroethane	ND	400	ug/Kg	05/26/10		R/J	SW8260
Chloroform	ND	400	ug/Kg	05/26/10		R/J	SW8260
Chloromethane	ND	400	ug/Kg	05/26/10		R/J	SW8260
cis-1,2-Dichloroethene	ND	400	ug/Kg	05/26/10		R/J	SW8260
cis-1,3-Dichloropropene	ND	400	ug/Kg	05/26/10		R/J	SW8260
Dibromochloromethane	ND	400	ug/Kg	05/26/10		R/J	SW8260
Dibromoethane	ND	400	ug/Kg	05/26/10		R/J	SW8260
Dibromomethane	ND	400	ug/Kg	05/26/10		R/J	SW8260
Dichlorodifluoromethane	ND	400	ug/Kg	05/26/10		R/J	SW8260
Ethylbenzene	ND	400	ug/Kg	05/26/10		R/J	SW8260
Hexachlorobutadiene	ND	400	ug/Kg	05/26/10		R/J	SW8260
Isopropylbenzene	ND	400	ug/Kg	05/26/10		R/J	SW8260
m&p-Xylene	ND	400	ug/Kg	05/26/10		R/J	SW8260
Methyl Ethyl Ketone	ND	2000	ug/Kg	05/26/10		R/J	SW8260
Methyl t-butyl ether (MTBE)	ND	790	ug/Kg	05/26/10		R/J	SW8260
Methylene chloride	ND	400	ug/Kg	05/26/10		R/J	SW8260
Naphthalene	ND	400	ug/Kg	05/26/10		R/J	SW8260
n-Butylbenzene	ND	400	ug/Kg	05/26/10		R/J	SW8260
n-Propylbenzene	ND	400	ug/Kg	05/26/10		R/J	SW8260
o-Xylene	ND	400	ug/Kg	05/26/10		R/J	SW8260
p-Isopropyltoluene	ND	400	ug/Kg	05/26/10		R/J	SW8260
sec-Butylbenzene	ND	400	ug/Kg	05/26/10		R/J	SW8260
Styrene	ND	400	ug/Kg	05/26/10		R/J	SW8260
tert-Butylbenzene	ND	400	ug/Kg	05/26/10		R/J	SW8260
Tetrachloroethene	ND	400	ug/Kg	05/26/10		R/J	SW8260
Tetrahydrofuran (THF)	ND	790	ug/Kg	05/26/10		R/J	SW8260
Toluene	ND	400	ug/Kg	05/26/10		R/J	SW8260

Parameter	Result	RL	Units	Date	Time	By	Reference
Total Xylenes	ND	400	ug/Kg	05/26/10		R/J	SW8260
trans-1,2-Dichloroethene	ND	400	ug/Kg	05/26/10		R/J	SW8260
trans-1,3-Dichloropropene	ND	400	ug/Kg	05/26/10		R/J	SW8260
trans-1,4-dichloro-2-butene	ND	790	ug/Kg	05/26/10		R/J	SW8260
Trichloroethene	ND	400	ug/Kg	05/26/10		R/J	SW8260
Trichlorofluoromethane	ND	400	ug/Kg	05/26/10		R/J	SW8260
Trichlorotrifluoroethane	ND	400	ug/Kg	05/26/10		R/J	SW8260
Vinyl chloride	ND	400	ug/Kg	05/26/10		R/J	SW8260
<u>QA/QC Surrogates</u>							
% 1,2-dichlorobenzene-d4	103		%	05/26/10		R/J	SW8260
% Bromofluorobenzene	97		%	05/26/10		R/J	SW8260
% Dibromofluoromethane	115		%	05/26/10		R/J	SW8260
% Toluene-d8	97		%	05/26/10		R/J	SW8260
<u>Semivolatiles</u>							
1,2,4,5-Tetrachlorobenzene	ND	360	ug/Kg	05/27/10		KCA	SW 8270
1,2,4-Trichlorobenzene	ND	360	ug/Kg	05/27/10		KCA	SW 8270
1,2-Dichlorobenzene	ND	360	ug/Kg	05/27/10		KCA	SW 8270
1,3-Dichlorobenzene	ND	360	ug/Kg	05/27/10		KCA	SW 8270
1,4-Dichlorobenzene	ND	360	ug/Kg	05/27/10		KCA	SW 8270
2,4,5-Trichlorophenol	ND	360	ug/Kg	05/27/10		KCA	SW 8270
2,4,6-Trichlorophenol	ND	360	ug/Kg	05/27/10		KCA	SW 8270
2,4-Dichlorophenol	ND	360	ug/Kg	05/27/10		KCA	SW 8270
2,4-Dimethylphenol	ND	360	ug/Kg	05/27/10		KCA	SW 8270
2,4-Dinitrophenol	ND	830	ug/Kg	05/27/10		KCA	SW 8270
2,4-Dinitrotoluene	ND	360	ug/Kg	05/27/10		KCA	SW 8270
2,6-Dinitrotoluene	ND	360	ug/Kg	05/27/10		KCA	SW 8270
2-Chloronaphthalene	ND	360	ug/Kg	05/27/10		KCA	SW 8270
2-Chlorophenol	ND	360	ug/Kg	05/27/10		KCA	SW 8270
2-Methylnaphthalene	ND	360	ug/Kg	05/27/10		KCA	SW 8270
2-Methylphenol (o-cresol)	ND	360	ug/Kg	05/27/10		KCA	SW 8270
2-Nitroaniline	ND	830	ug/Kg	05/27/10		KCA	SW 8270
2-Nitrophenol	ND	360	ug/Kg	05/27/10		KCA	SW 8270
3&4-Methylphenol (m&p-cresol)	ND	520	ug/Kg	05/27/10		KCA	SW 8270
3,3'-Dichlorobenzidine	ND	620	ug/Kg	05/27/10		KCA	SW 8270
3-Nitroaniline	ND	830	ug/Kg	05/27/10		KCA	SW 8270
4,6-Dinitro-2-methylphenol	ND	1500	ug/Kg	05/27/10		KCA	SW 8270
4-Bromophenyl phenyl ether	ND	520	ug/Kg	05/27/10		KCA	SW 8270
4-Chloro-3-methylphenol	ND	360	ug/Kg	05/27/10		KCA	SW 8270
4-Chloroaniline	ND	360	ug/Kg	05/27/10		KCA	SW 8270
4-Chlorophenyl phenyl ether	ND	360	ug/Kg	05/27/10		KCA	SW 8270
4-Nitroaniline	ND	830	ug/Kg	05/27/10		KCA	SW 8270
4-Nitrophenol	ND	1500	ug/Kg	05/27/10		KCA	SW 8270
Acenaphthene	ND	360	ug/Kg	05/27/10		KCA	SW 8270
Acenaphthylene	ND	360	ug/Kg	05/27/10		KCA	SW 8270
Acetophenone	ND	360	ug/Kg	05/27/10		KCA	SW 8270
Aniline	ND	1500	ug/Kg	05/27/10		KCA	SW 8270
Anthracene	ND	360	ug/Kg	05/27/10		KCA	SW 8270
Azobenzene	ND	520	ug/Kg	05/27/10		KCA	SW 8270
Benz(a)anthracene	ND	360	ug/Kg	05/27/10		KCA	SW 8270

Parameter	Result	RL	Units	Date	Time	By	Reference
Benzidine	ND	620	ug/Kg	05/27/10		KCA	SW 8270
Benzo(a)pyrene	ND	360	ug/Kg	05/27/10		KCA	SW 8270
Benzo(b)fluoranthene	ND	360	ug/Kg	05/27/10		KCA	SW 8270
Benzo(ghi)perylene	ND	360	ug/Kg	05/27/10		KCA	SW 8270
Benzo(k)fluoranthene	ND	360	ug/Kg	05/27/10		KCA	SW 8270
Benzoic acid	ND	1500	ug/Kg	05/27/10		KCA	SW 8270
Benzyl butyl phthalate	ND	360	ug/Kg	05/27/10		KCA	SW 8270
Bis(2-chloroethoxy)methane	ND	360	ug/Kg	05/27/10		KCA	SW 8270
Bis(2-chloroethyl)ether	ND	520	ug/Kg	05/27/10		KCA	SW 8270
Bis(2-chloroisopropyl)ether	ND	360	ug/Kg	05/27/10		KCA	SW 8270
Bis(2-ethylhexyl)phthalate	ND	360	ug/Kg	05/27/10		KCA	SW 8270
Carbazole	ND	1500	ug/Kg	05/27/10		KCA	SW 8270
Chrysene	ND	360	ug/Kg	05/27/10		KCA	SW 8270
Dibenz(a,h)anthracene	ND	360	ug/Kg	05/27/10		KCA	SW 8270
Dibenzofuran	ND	360	ug/Kg	05/27/10		KCA	SW 8270
Diethyl phthalate	ND	360	ug/Kg	05/27/10		KCA	SW 8270
Dimethylphthalate	ND	360	ug/Kg	05/27/10		KCA	SW 8270
Di-n-butylphthalate	ND	360	ug/Kg	05/27/10		KCA	SW 8270
Di-n-octylphthalate	ND	360	ug/Kg	05/27/10		KCA	SW 8270
Fluoranthene	ND	360	ug/Kg	05/27/10		KCA	SW 8270
Fluorene	ND	360	ug/Kg	05/27/10		KCA	SW 8270
Hexachlorobenzene	ND	360	ug/Kg	05/27/10		KCA	SW 8270
Hexachlorobutadiene	ND	360	ug/Kg	05/27/10		KCA	SW 8270
Hexachlorocyclopentadiene	ND	360	ug/Kg	05/27/10		KCA	SW 8270
Hexachloroethane	ND	360	ug/Kg	05/27/10		KCA	SW 8270
Indeno(1,2,3-cd)pyrene	ND	360	ug/Kg	05/27/10		KCA	SW 8270
Isophorone	ND	360	ug/Kg	05/27/10		KCA	SW 8270
Naphthalene	ND	360	ug/Kg	05/27/10		KCA	SW 8270
Nitrobenzene	ND	360	ug/Kg	05/27/10		KCA	SW 8270
N-Nitrosodimethylamine	ND	520	ug/Kg	05/27/10		KCA	SW 8270
N-Nitrosodi-n-propylamine	ND	360	ug/Kg	05/27/10		KCA	SW 8270
N-Nitrosodiphenylamine	ND	520	ug/Kg	05/27/10		KCA	SW 8270
Pentachloronitrobenzene	ND	520	ug/Kg	05/27/10		KCA	SW 8270
Pentachlorophenol	ND	520	ug/Kg	05/27/10		KCA	SW 8270
Phenanthrene	ND	360	ug/Kg	05/27/10		KCA	SW 8270
Phenol	ND	360	ug/Kg	05/27/10		KCA	SW 8270
Pyrene	ND	360	ug/Kg	05/27/10		KCA	SW 8270
Pyridine	ND	520	ug/Kg	05/27/10		KCA	SW 8270
<u>QA/QC Surrogates</u>							
% 2,4,6-Tribromophenol	98		%	05/27/10		KCA	SW 8270
% 2-Fluorobiphenyl	59		%	05/27/10		KCA	SW 8270
% 2-Fluorophenol	72		%	05/27/10		KCA	SW 8270
% Nitrobenzene-d5	56		%	05/27/10		KCA	SW 8270
% Phenol-d5	74		%	05/27/10		KCA	SW 8270
% Terphenyl-d14	72		%	05/27/10		KCA	SW 8270
<u>Polychlorinated Biphenyls</u>							
PCB-1016	ND	520	ug/Kg	05/27/10		MH	SW 8082
PCB-1221	ND	520	ug/Kg	05/27/10		MH	SW 8082
PCB-1232	ND	520	ug/Kg	05/27/10		MH	SW 8082

Parameter	Result	RL	Units	Date	Time	By	Reference
PCB-1242	ND	520	ug/Kg	05/27/10		MH	SW 8082
PCB-1248	ND	520	ug/Kg	05/27/10		MH	SW 8082
PCB-1254	ND	520	ug/Kg	05/27/10		MH	SW 8082
PCB-1260	ND	520	ug/Kg	05/27/10		MH	SW 8082
PCB-1262	ND	520	ug/Kg	05/27/10		MH	SW 8082
PCB-1268	ND	520	ug/Kg	05/27/10		MH	SW 8082
<u>QA/QC Surrogates</u>							
% DCBP	71		%	05/27/10		MH	SW 8082
% TCMX	74		%	05/27/10		MH	SW 8082

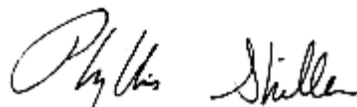
Comments:

Elevated reporting limits for volatiles due to dilution for sample matrix. Low-level sample was analyzed with poor internal standard response.

If there are any questions regarding this data, please call Phoenix Client Services at extension 200.

ND=Not detected BDL=Below Detection Level RL=Reporting Level

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Phyllis Shiller, Laboratory Director

June 01, 2010



Environmental Laboratories, Inc.
 587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045
 Tel. (860) 645-1102 Fax (860) 645-0823



Analysis Report

May 28, 2010

FOR: Attn: Mr. William Hertenater
 AFI Environmental
 P.O. Box 4049
 Niagara Falls, NY 14304

Sample Information

Matrix: GROUND WATER
 Location Code: AFI-ENV
 Rush Request: RUSH#
 P.O.#: EB-146-01

Custody Information

Collected by: EB
 Received by: LDF
 Analyzed by: see "By" below

Date Time
 05/25/10 11:15
 05/26/10 11:16

Laboratory Data

SDG ID: GAZ08417
 Phoenix ID: AZ08418

Project ID: V1012 BABCOCK
 Client ID: TP1 WATER

Parameter	Result	RL	Units	Date	Time	By	Reference
Semi-Volatile Extraction	Completed			05/26/10		O/E	SW3510/3520
<u>Volatiles</u>							
1,1,1,2-Tetrachloroethane	ND	1.0	ug/L	05/26/10		H/J	SW8260
1,1,1-Trichloroethane	ND	1.0	ug/L	05/26/10		H/J	SW8260
1,1,2,2-Tetrachloroethane	ND	0.50	ug/L	05/26/10		H/J	SW8260
1,1,2-Trichloroethane	ND	1.0	ug/L	05/26/10		H/J	SW8260
1,1-Dichloroethane	ND	1.0	ug/L	05/26/10		H/J	SW8260
1,1-Dichloroethene	ND	1.0	ug/L	05/26/10		H/J	SW8260
1,1-Dichloropropene	ND	1.0	ug/L	05/26/10		H/J	SW8260
1,2,3-Trichlorobenzene	ND	1.0	ug/L	05/26/10		H/J	SW8260
1,2,3-Trichloropropane	ND	1.0	ug/L	05/26/10		H/J	SW8260
1,2,4-Trichlorobenzene	ND	1.0	ug/L	05/26/10		H/J	SW8260
1,2,4-Trimethylbenzene	4.0	1.0	ug/L	05/26/10		H/J	SW8260
1,2-Dibromo-3-chloropropane	ND	1.0	ug/L	05/26/10		H/J	SW8260
1,2-Dichlorobenzene	ND	1.0	ug/L	05/26/10		H/J	SW8260
1,2-Dichloroethane	ND	1.0	ug/L	05/26/10		H/J	SW8260
1,2-Dichloropropane	ND	1.0	ug/L	05/26/10		H/J	SW8260
1,3,5-Trimethylbenzene	2.9	1.0	ug/L	05/26/10		H/J	SW8260
1,3-Dichlorobenzene	ND	1.0	ug/L	05/26/10		H/J	SW8260
1,3-Dichloropropane	ND	1.0	ug/L	05/26/10		H/J	SW8260
1,4-Dichlorobenzene	ND	1.0	ug/L	05/26/10		H/J	SW8260
2,2-Dichloropropane	ND	1.0	ug/L	05/26/10		H/J	SW8260
2-Chlorotoluene	ND	1.0	ug/L	05/26/10		H/J	SW8260
2-Hexanone	ND	5.0	ug/L	05/26/10		H/J	SW8260
2-Isopropyltoluene	ND	1.0	ug/L	05/26/10		H/J	SW8260
4-Chlorotoluene	ND	1.0	ug/L	05/26/10		H/J	SW8260
4-Methyl-2-pentanone	ND	5.0	ug/L	05/26/10		H/J	SW8260

Parameter	Result	RL	Units	Date	Time	By	Reference
Acetone	ND	25	ug/L	05/26/10		H/J	SW8260
Acrylonitrile	ND	5.0	ug/L	05/26/10		H/J	SW8260
Benzene	ND	1.0	ug/L	05/26/10		H/J	SW8260
Bromobenzene	ND	1.0	ug/L	05/26/10		H/J	SW8260
Bromochloromethane	ND	1.0	ug/L	05/26/10		H/J	SW8260
Bromodichloromethane	ND	0.50	ug/L	05/26/10		H/J	SW8260
Bromoform	ND	1.0	ug/L	05/26/10		H/J	SW8260
Bromomethane	ND	1.0	ug/L	05/26/10		H/J	SW8260
Carbon Disulfide	ND	5.0	ug/L	05/26/10		H/J	SW8260
Carbon tetrachloride	ND	1.0	ug/L	05/26/10		H/J	SW8260
Chlorobenzene	ND	1.0	ug/L	05/26/10		H/J	SW8260
Chloroethane	ND	1.0	ug/L	05/26/10		H/J	SW8260
Chloroform	ND	1.0	ug/L	05/26/10		H/J	SW8260
Chloromethane	ND	1.0	ug/L	05/26/10		H/J	SW8260
cis-1,2-Dichloroethene	ND	1.0	ug/L	05/26/10		H/J	SW8260
cis-1,3-Dichloropropene	ND	0.50	ug/L	05/26/10		H/J	SW8260
Dibromochloromethane	ND	0.50	ug/L	05/26/10		H/J	SW8260
Dibromoethane	ND	1.0	ug/L	05/26/10		H/J	SW8260
Dibromomethane	ND	1.0	ug/L	05/26/10		H/J	SW8260
Dichlorodifluoromethane	ND	1.0	ug/L	05/26/10		H/J	SW8260
Ethylbenzene	1.2	1.0	ug/L	05/26/10		H/J	SW8260
Hexachlorobutadiene	ND	0.40	ug/L	05/26/10		H/J	SW8260
Isopropylbenzene	ND	1.0	ug/L	05/26/10		H/J	SW8260
m&p-Xylene	13	1.0	ug/L	05/26/10		H/J	SW8260
Methyl ethyl ketone	ND	5.0	ug/L	05/26/10		H/J	SW8260
Methyl t-butyl ether (MTBE)	ND	1.0	ug/L	05/26/10		H/J	SW8260
Methylene chloride	ND	1.0	ug/L	05/26/10		H/J	SW8260
Naphthalene	1.2	1.0	ug/L	05/26/10		H/J	SW8260
n-Butylbenzene	ND	1.0	ug/L	05/26/10		H/J	SW8260
n-Propylbenzene	ND	1.0	ug/L	05/26/10		H/J	SW8260
o-Xylene	8.8	1.0	ug/L	05/26/10		H/J	SW8260
p-Isopropyltoluene	ND	1.0	ug/L	05/26/10		H/J	SW8260
sec-Butylbenzene	ND	1.0	ug/L	05/26/10		H/J	SW8260
Styrene	ND	1.0	ug/L	05/26/10		H/J	SW8260
tert-Butylbenzene	ND	1.0	ug/L	05/26/10		H/J	SW8260
Tetrachloroethene	2.0	1.0	ug/L	05/26/10		H/J	SW8260
Tetrahydrofuran (THF)	ND	5.0	ug/L	05/26/10		H/J	SW8260
Toluene	3.7	1.0	ug/L	05/26/10		H/J	SW8260
Total Xylenes	21.8	1.0	ug/L	05/26/10		H/J	SW8260
trans-1,2-Dichloroethene	ND	1.0	ug/L	05/26/10		H/J	SW8260
trans-1,3-Dichloropropene	ND	0.50	ug/L	05/26/10		H/J	SW8260
trans-1,4-dichloro-2-butene	ND	5.0	ug/L	05/26/10		H/J	SW8260
Trichloroethene	ND	1.0	ug/L	05/26/10		H/J	SW8260
Trichlorofluoromethane	ND	1.0	ug/L	05/26/10		H/J	SW8260
Trichlorotrifluoroethane	ND	1.0	ug/L	05/26/10		H/J	SW8260
Vinyl chloride	ND	1.0	ug/L	05/26/10		H/J	SW8260
<u>QA/QC Surrogates</u>							
% 1,2-dichlorobenzene-d4	107		%	05/26/10		H/J	SW8260
% Bromofluorobenzene	100		%	05/26/10		H/J	SW8260
% Dibromofluoromethane	109		%	05/26/10		H/J	SW8260

Parameter	Result	RL	Units	Date	Time	By	Reference
% Toluene-d8	106		%	05/26/10		H/J	SW8260
<u>Semivolatiles</u>							
1,2,4-Trichlorobenzene	ND	5.0	ug/L	05/28/10		KCA	SW 8270
1,2-Dichlorobenzene	ND	5.0	ug/L	05/28/10		KCA	SW 8270
1,3-Dichlorobenzene	ND	5.0	ug/L	05/28/10		KCA	SW 8270
1,4-Dichlorobenzene	ND	5.0	ug/L	05/28/10		KCA	SW 8270
2,4,5-Trichlorophenol	ND	10	ug/L	05/28/10		KCA	SW 8270
2,4,6-Trichlorophenol	ND	10	ug/L	05/28/10		KCA	SW 8270
2,4-Dichlorophenol	ND	10	ug/L	05/28/10		KCA	SW 8270
2,4-Dimethylphenol	ND	10	ug/L	05/28/10		KCA	SW 8270
2,4-Dinitrophenol	ND	50	ug/L	05/28/10		KCA	SW 8270
2,4-Dinitrotoluene	ND	5.0	ug/L	05/28/10		KCA	SW 8270
2,6-Dinitrotoluene	ND	5.0	ug/L	05/28/10		KCA	SW 8270
2-Chloronaphthalene	ND	5.0	ug/L	05/28/10		KCA	SW 8270
2-Chlorophenol	ND	10	ug/L	05/28/10		KCA	SW 8270
2-Methylnaphthalene	ND	5.0	ug/L	05/28/10		KCA	SW 8270
2-Methylphenol (o-cresol)	ND	10	ug/L	05/28/10		KCA	SW 8270
2-Nitroaniline	ND	50	ug/L	05/28/10		KCA	SW 8270
2-Nitrophenol	ND	10	ug/L	05/28/10		KCA	SW 8270
3&4-Methylphenol (m&p-cresol)	ND	10	ug/L	05/28/10		KCA	SW 8270
3,3'-Dichlorobenzidine	ND	50	ug/L	05/28/10		KCA	SW 8270
3-Nitroaniline	ND	50	ug/L	05/28/10		KCA	SW 8270
4,6-Dinitro-2-methylphenol	ND	50	ug/L	05/28/10		KCA	SW 8270
4-Bromophenyl phenyl ether	ND	5.0	ug/L	05/28/10		KCA	SW 8270
4-Chloro-3-methylphenol	ND	20	ug/L	05/28/10		KCA	SW 8270
4-Chloroaniline	ND	20	ug/L	05/28/10		KCA	SW 8270
4-Chlorophenyl phenyl ether	ND	5.0	ug/L	05/28/10		KCA	SW 8270
4-Nitroaniline	ND	20	ug/L	05/28/10		KCA	SW 8270
4-Nitrophenol	ND	50	ug/L	05/28/10		KCA	SW 8270
Acenaphthene	ND	5.0	ug/L	05/28/10		KCA	SW 8270
Acetophenone	ND	5.0	ug/L	05/28/10		KCA	SW 8270
Aniline	ND	10	ug/L	05/28/10		KCA	SW 8270
Anthracene	ND	5.0	ug/L	05/28/10		KCA	SW 8270
Azobenzene	ND	5.0	ug/L	05/28/10		KCA	SW 8270
Benzidine	ND	50	ug/L	05/28/10		KCA	SW 8270
Benzoic acid	ND	50	ug/L	05/28/10		KCA	SW 8270
Benzyl butyl phthalate	ND	5.0	ug/L	05/28/10		KCA	SW 8270
Bis(2-chloroethoxy)methane	ND	5.0	ug/L	05/28/10		KCA	SW 8270
Bis(2-chloroethyl)ether	ND	5.0	ug/L	05/28/10		KCA	SW 8270
Bis(2-chloroisopropyl)ether	ND	5.0	ug/L	05/28/10		KCA	SW 8270
Carbazole	ND	5.0	ug/L	05/28/10		KCA	SW 8270
Dibenzofuran	ND	5.0	ug/L	05/28/10		KCA	SW 8270
Diethyl phthalate	ND	5.0	ug/L	05/28/10		KCA	SW 8270
Dimethylphthalate	ND	5.0	ug/L	05/28/10		KCA	SW 8270
Di-n-butylphthalate	ND	5.0	ug/L	05/28/10		KCA	SW 8270
Di-n-octylphthalate	ND	5.0	ug/L	05/28/10		KCA	SW 8270
Fluoranthene	ND	5.0	ug/L	05/28/10		KCA	SW 8270
Fluorene	ND	5.0	ug/L	05/28/10		KCA	SW 8270
Hexachlorobutadiene	ND	5.0	ug/L	05/28/10		KCA	SW 8270

Parameter	Result	RL	Units	Date	Time	By	Reference
Hexachlorocyclopentadiene	ND	5.0	ug/L	05/28/10		KCA	SW 8270
Isophorone	ND	5.0	ug/L	05/28/10		KCA	SW 8270
Naphthalene	ND	5.0	ug/L	05/28/10		KCA	SW 8270
Nitrobenzene	ND	5.0	ug/L	05/28/10		KCA	SW 8270
N-Nitrosodimethylamine	ND	5.0	ug/L	05/28/10		KCA	SW 8270
N-Nitrosodi-n-propylamine	ND	5.0	ug/L	05/28/10		KCA	SW 8270
N-Nitrosodiphenylamine	ND	5.0	ug/L	05/28/10		KCA	SW 8270
Phenol	ND	10	ug/L	05/28/10		KCA	SW 8270
Pyrene	ND	5.0	ug/L	05/28/10		KCA	SW 8270
Pyridine	ND	5.0	ug/L	05/28/10		KCA	SW 8270
<u>QA/QC Surrogates</u>							
% 2,4,6-Tribromophenol	120		%	05/28/10		KCA	SW 8270
% 2-Fluorobiphenyl	60		%	05/28/10		KCA	SW 8270
% 2-Fluorophenol	61		%	05/28/10		KCA	SW 8270
% Nitrobenzene-d5	82		%	05/28/10		KCA	SW 8270
% Phenol-d5	57		%	05/28/10		KCA	SW 8270
% Terphenyl-d14	24		%	05/28/10		KCA	SW 8270
<u>Semivolatiles</u>							
1,2,4,5-Tetrachlorobenzene	ND	1.6	ug/L	05/28/10		KCA	SW8270 (SIM)
Acenaphthylene	ND	0.24	ug/L	05/28/10		KCA	SW8270 (SIM)
Benz(a)anthracene	0.22	0.040	ug/L	05/28/10		KCA	SW8270 (SIM)
Benzo(a)pyrene	0.21	0.16	ug/L	05/28/10		KCA	SW8270 (SIM)
Benzo(b)fluoranthene	0.3	0.064	ug/L	05/28/10		KCA	SW8270 (SIM)
Benzo(ghi)perylene	ND	3.0	ug/L	05/28/10		KCA	SW8270 (SIM)
Benzo(k)fluoranthene	ND	0.24	ug/L	05/28/10		KCA	SW8270 (SIM)
Bis(2-ethylhexyl)phthalate	ND	1.6	ug/L	05/28/10		KCA	SW8270 (SIM)
Chrysene	ND	1.6	ug/L	05/28/10		KCA	SW8270 (SIM)
Dibenz(a,h)anthracene	ND	0.20	ug/L	05/28/10		KCA	SW8270 (SIM)
Hexachlorobenzene	ND	0.060	ug/L	05/28/10		KCA	SW8270 (SIM)
Hexachloroethane	ND	2.4	ug/L	05/28/10		KCA	SW8270 (SIM)
Indeno(1,2,3-cd)pyrene	ND	0.20	ug/L	05/28/10		KCA	SW8270 (SIM)
Pentachloronitrobenzene	ND	0.10	ug/L	05/28/10		KCA	SW8270 (SIM)
Pentachlorophenol	ND	0.80	ug/L	05/28/10		KCA	SW8270 (SIM)
Phenanthrene	0.61	0.060	ug/L	05/28/10		KCA	SW8270 (SIM)
<u>QA/QC Surrogates</u>							
% 2,4,6-Tribromophenol	120		%	05/28/10		KCA	SW8270 (SIM)
% 2-Fluorobiphenyl	60		%	05/28/10		KCA	SW8270 (SIM)
% 2-Fluorophenol	61		%	05/28/10		KCA	SW8270 (SIM)
% Nitrobenzene-d5	82		%	05/28/10		KCA	SW8270 (SIM)
% Phenol-d5	57		%	05/28/10		KCA	SW8270 (SIM)
% Terphenyl-d14	24		%	05/28/10		KCA	SW8270 (SIM)

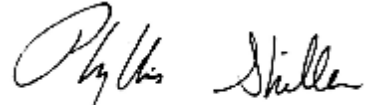
Parameter	Result	RL	Units	Date	Time	By	Reference
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Comments:

If there are any questions regarding this data, please call Phoenix Client Services at extension 200.

ND=Not detected BDL=Below Detection Level RL=Reporting Level

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Phyllis Shiller, Laboratory Director

June 01, 2010



Environmental Laboratories, Inc.
 587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045
 Tel. (860) 645-1102 Fax (860) 645-0823

Analysis Report

May 28, 2010

FOR: Attn: Mr. William Hertenater
 AFI Environmental
 P.O. Box 4049
 Niagara Falls, NY 14304

Sample Information

Matrix: SOIL
 Location Code: AFI-ENV
 Rush Request: RUSH#
 P.O.#: EB-146-01

Custody Information

Collected by: EB
 Received by: LDF
 Analyzed by: see "By" below

Date Time
 05/25/10 12:45
 05/26/10 11:16

Laboratory Data

SDG ID: GAZ08417
 Phoenix ID: AZ08419

Project ID: V1012 BABCOCK
 Client ID: TP 4 & 6 0-8

Parameter	Result	RL	Units	Date	Time	By	Reference
Arsenic	7.9	0.8	mg/Kg	05/27/10		EK	SW6010
Barium	127	0.41	mg/Kg	05/27/10		EK	SW6010
Cadmium	1.75	0.41	mg/Kg	05/27/10		EK	SW6010
Chromium	60.6	0.41	mg/Kg	05/27/10		EK	SW6010
Lead	161	0.41	mg/Kg	05/27/10		EK	SW6010
Mercury	0.39	0.08	mg/Kg	05/27/10		RS	SW-7471
Selenium	< 1.6	1.6	mg/Kg	05/27/10		EK	SW6010
Silver	< 0.41	0.41	mg/Kg	05/27/10		EK	SW6010
Percent Solid	75		%	05/26/10		M/JL	E160.3
Soil Extraction for PCB	Completed			05/26/10		BB/D	SW3545
Soil Extraction for SVOA	Completed			05/26/10		QS/D	SW3545
Mercury Digestion	Completed			05/27/10		E	SW7471
Total Metals Digest	Completed			05/26/10		C/AG	SW846 - 3050

Volatiles

1,1,1,2-Tetrachloroethane	ND	330	ug/Kg	05/26/10		R/J	SW8260
1,1,1-Trichloroethane	ND	330	ug/Kg	05/26/10		R/J	SW8260
1,1,2,2-Tetrachloroethane	ND	330	ug/Kg	05/26/10		R/J	SW8260
1,1,2-Trichloroethane	ND	330	ug/Kg	05/26/10		R/J	SW8260
1,1-Dichloroethane	ND	330	ug/Kg	05/26/10		R/J	SW8260
1,1-Dichloroethene	ND	330	ug/Kg	05/26/10		R/J	SW8260
1,1-Dichloropropene	ND	330	ug/Kg	05/26/10		R/J	SW8260
1,2,3-Trichlorobenzene	ND	330	ug/Kg	05/26/10		R/J	SW8260
1,2,3-Trichloropropane	ND	330	ug/Kg	05/26/10		R/J	SW8260
1,2,4-Trichlorobenzene	ND	330	ug/Kg	05/26/10		R/J	SW8260
1,2,4-Trimethylbenzene	ND	330	ug/Kg	05/26/10		R/J	SW8260
1,2-Dibromo-3-chloropropane	ND	330	ug/Kg	05/26/10		R/J	SW8260
1,2-Dichlorobenzene	ND	330	ug/Kg	05/26/10		R/J	SW8260

Parameter	Result	RL	Units	Date	Time	By	Reference
1,2-Dichloroethane	ND	330	ug/Kg	05/26/10		R/J	SW8260
1,2-Dichloropropane	ND	330	ug/Kg	05/26/10		R/J	SW8260
1,3,5-Trimethylbenzene	ND	330	ug/Kg	05/26/10		R/J	SW8260
1,3-Dichlorobenzene	ND	330	ug/Kg	05/26/10		R/J	SW8260
1,3-Dichloropropane	ND	330	ug/Kg	05/26/10		R/J	SW8260
1,4-Dichlorobenzene	ND	330	ug/Kg	05/26/10		R/J	SW8260
2,2-Dichloropropane	ND	330	ug/Kg	05/26/10		R/J	SW8260
2-Chlorotoluene	ND	330	ug/Kg	05/26/10		R/J	SW8260
2-Hexanone	ND	1700	ug/Kg	05/26/10		R/J	SW8260
2-Isopropyltoluene	ND	330	ug/Kg	05/26/10		R/J	SW8260
4-Chlorotoluene	ND	330	ug/Kg	05/26/10		R/J	SW8260
4-Methyl-2-pentanone	ND	1700	ug/Kg	05/26/10		R/J	SW8260
Acetone	ND	1700	ug/Kg	05/26/10		R/J	SW8260
Acrylonitrile	ND	670	ug/Kg	05/26/10		R/J	SW8260
Benzene	ND	330	ug/Kg	05/26/10		R/J	SW8260
Bromobenzene	ND	330	ug/Kg	05/26/10		R/J	SW8260
Bromochloromethane	ND	330	ug/Kg	05/26/10		R/J	SW8260
Bromodichloromethane	ND	330	ug/Kg	05/26/10		R/J	SW8260
Bromoform	ND	330	ug/Kg	05/26/10		R/J	SW8260
Bromomethane	ND	330	ug/Kg	05/26/10		R/J	SW8260
Carbon Disulfide	ND	330	ug/Kg	05/26/10		R/J	SW8260
Carbon tetrachloride	ND	330	ug/Kg	05/26/10		R/J	SW8260
Chlorobenzene	ND	330	ug/Kg	05/26/10		R/J	SW8260
Chloroethane	ND	330	ug/Kg	05/26/10		R/J	SW8260
Chloroform	ND	330	ug/Kg	05/26/10		R/J	SW8260
Chloromethane	ND	330	ug/Kg	05/26/10		R/J	SW8260
cis-1,2-Dichloroethene	ND	330	ug/Kg	05/26/10		R/J	SW8260
cis-1,3-Dichloropropene	ND	330	ug/Kg	05/26/10		R/J	SW8260
Dibromochloromethane	ND	330	ug/Kg	05/26/10		R/J	SW8260
Dibromoethane	ND	330	ug/Kg	05/26/10		R/J	SW8260
Dibromomethane	ND	330	ug/Kg	05/26/10		R/J	SW8260
Dichlorodifluoromethane	ND	330	ug/Kg	05/26/10		R/J	SW8260
Ethylbenzene	ND	330	ug/Kg	05/26/10		R/J	SW8260
Hexachlorobutadiene	ND	330	ug/Kg	05/26/10		R/J	SW8260
Isopropylbenzene	ND	330	ug/Kg	05/26/10		R/J	SW8260
m&p-Xylene	ND	330	ug/Kg	05/26/10		R/J	SW8260
Methyl Ethyl Ketone	ND	1700	ug/Kg	05/26/10		R/J	SW8260
Methyl t-butyl ether (MTBE)	ND	670	ug/Kg	05/26/10		R/J	SW8260
Methylene chloride	ND	330	ug/Kg	05/26/10		R/J	SW8260
Naphthalene	ND	330	ug/Kg	05/26/10		R/J	SW8260
n-Butylbenzene	ND	330	ug/Kg	05/26/10		R/J	SW8260
n-Propylbenzene	ND	330	ug/Kg	05/26/10		R/J	SW8260
o-Xylene	ND	330	ug/Kg	05/26/10		R/J	SW8260
p-Isopropyltoluene	ND	330	ug/Kg	05/26/10		R/J	SW8260
sec-Butylbenzene	ND	330	ug/Kg	05/26/10		R/J	SW8260
Styrene	ND	330	ug/Kg	05/26/10		R/J	SW8260
tert-Butylbenzene	ND	330	ug/Kg	05/26/10		R/J	SW8260
Tetrachloroethene	ND	330	ug/Kg	05/26/10		R/J	SW8260
Tetrahydrofuran (THF)	ND	670	ug/Kg	05/26/10		R/J	SW8260
Toluene	ND	330	ug/Kg	05/26/10		R/J	SW8260

Parameter	Result	RL	Units	Date	Time	By	Reference
Total Xylenes	ND	330	ug/Kg	05/26/10		R/J	SW8260
trans-1,2-Dichloroethene	ND	330	ug/Kg	05/26/10		R/J	SW8260
trans-1,3-Dichloropropene	ND	330	ug/Kg	05/26/10		R/J	SW8260
trans-1,4-dichloro-2-butene	ND	670	ug/Kg	05/26/10		R/J	SW8260
Trichloroethene	ND	330	ug/Kg	05/26/10		R/J	SW8260
Trichlorofluoromethane	ND	330	ug/Kg	05/26/10		R/J	SW8260
Trichlorotrifluoroethane	ND	330	ug/Kg	05/26/10		R/J	SW8260
Vinyl chloride	ND	330	ug/Kg	05/26/10		R/J	SW8260
<u>QA/QC Surrogates</u>							
% 1,2-dichlorobenzene-d4	103		%	05/26/10		R/J	SW8260
% Bromofluorobenzene	99		%	05/26/10		R/J	SW8260
% Dibromofluoromethane	116		%	05/26/10		R/J	SW8260
% Toluene-d8	96		%	05/26/10		R/J	SW8260
<u>Semivolatiles</u>							
1,2,4,5-Tetrachlorobenzene	ND	310	ug/Kg	05/27/10		KCA	SW 8270
1,2,4-Trichlorobenzene	ND	310	ug/Kg	05/27/10		KCA	SW 8270
1,2-Dichlorobenzene	ND	310	ug/Kg	05/27/10		KCA	SW 8270
1,3-Dichlorobenzene	ND	310	ug/Kg	05/27/10		KCA	SW 8270
1,4-Dichlorobenzene	ND	310	ug/Kg	05/27/10		KCA	SW 8270
2,4,5-Trichlorophenol	ND	310	ug/Kg	05/27/10		KCA	SW 8270
2,4,6-Trichlorophenol	ND	310	ug/Kg	05/27/10		KCA	SW 8270
2,4-Dichlorophenol	ND	310	ug/Kg	05/27/10		KCA	SW 8270
2,4-Dimethylphenol	ND	310	ug/Kg	05/27/10		KCA	SW 8270
2,4-Dinitrophenol	ND	710	ug/Kg	05/27/10		KCA	SW 8270
2,4-Dinitrotoluene	ND	310	ug/Kg	05/27/10		KCA	SW 8270
2,6-Dinitrotoluene	ND	310	ug/Kg	05/27/10		KCA	SW 8270
2-Chloronaphthalene	ND	310	ug/Kg	05/27/10		KCA	SW 8270
2-Chlorophenol	ND	310	ug/Kg	05/27/10		KCA	SW 8270
2-Methylnaphthalene	ND	310	ug/Kg	05/27/10		KCA	SW 8270
2-Methylphenol (o-cresol)	ND	310	ug/Kg	05/27/10		KCA	SW 8270
2-Nitroaniline	ND	710	ug/Kg	05/27/10		KCA	SW 8270
2-Nitrophenol	ND	310	ug/Kg	05/27/10		KCA	SW 8270
3&4-Methylphenol (m&p-cresol)	ND	440	ug/Kg	05/27/10		KCA	SW 8270
3,3'-Dichlorobenzidine	ND	530	ug/Kg	05/27/10		KCA	SW 8270
3-Nitroaniline	ND	710	ug/Kg	05/27/10		KCA	SW 8270
4,6-Dinitro-2-methylphenol	ND	1300	ug/Kg	05/27/10		KCA	SW 8270
4-Bromophenyl phenyl ether	ND	440	ug/Kg	05/27/10		KCA	SW 8270
4-Chloro-3-methylphenol	ND	310	ug/Kg	05/27/10		KCA	SW 8270
4-Chloroaniline	ND	310	ug/Kg	05/27/10		KCA	SW 8270
4-Chlorophenyl phenyl ether	ND	310	ug/Kg	05/27/10		KCA	SW 8270
4-Nitroaniline	ND	710	ug/Kg	05/27/10		KCA	SW 8270
4-Nitrophenol	ND	1300	ug/Kg	05/27/10		KCA	SW 8270
Acenaphthene	ND	310	ug/Kg	05/27/10		KCA	SW 8270
Acenaphthylene	ND	310	ug/Kg	05/27/10		KCA	SW 8270
Acetophenone	ND	310	ug/Kg	05/27/10		KCA	SW 8270
Aniline	ND	1300	ug/Kg	05/27/10		KCA	SW 8270
Anthracene	340	310	ug/Kg	05/27/10		KCA	SW 8270
Azobenzene	ND	440	ug/Kg	05/27/10		KCA	SW 8270
Benz(a)anthracene	800	310	ug/Kg	05/27/10		KCA	SW 8270

Parameter	Result	RL	Units	Date	Time	By	Reference
Benzidine	ND	530	ug/Kg	05/27/10		KCA	SW 8270
Benzo(a)pyrene	890	310	ug/Kg	05/27/10		KCA	SW 8270
Benzo(b)fluoranthene	1200	310	ug/Kg	05/27/10		KCA	SW 8270
Benzo(ghi)perylene	580	310	ug/Kg	05/27/10		KCA	SW 8270
Benzo(k)fluoranthene	370	310	ug/Kg	05/27/10		KCA	SW 8270
Benzoic acid	ND	1300	ug/Kg	05/27/10		KCA	SW 8270
Benzyl butyl phthalate	ND	310	ug/Kg	05/27/10		KCA	SW 8270
Bis(2-chloroethoxy)methane	ND	310	ug/Kg	05/27/10		KCA	SW 8270
Bis(2-chloroethyl)ether	ND	440	ug/Kg	05/27/10		KCA	SW 8270
Bis(2-chloroisopropyl)ether	ND	310	ug/Kg	05/27/10		KCA	SW 8270
Bis(2-ethylhexyl)phthalate	ND	310	ug/Kg	05/27/10		KCA	SW 8270
Carbazole	ND	1300	ug/Kg	05/27/10		KCA	SW 8270
Chrysene	750	310	ug/Kg	05/27/10		KCA	SW 8270
Dibenz(a,h)anthracene	ND	310	ug/Kg	05/27/10		KCA	SW 8270
Dibenzofuran	ND	310	ug/Kg	05/27/10		KCA	SW 8270
Diethyl phthalate	ND	310	ug/Kg	05/27/10		KCA	SW 8270
Dimethylphthalate	ND	310	ug/Kg	05/27/10		KCA	SW 8270
Di-n-butylphthalate	ND	310	ug/Kg	05/27/10		KCA	SW 8270
Di-n-octylphthalate	ND	310	ug/Kg	05/27/10		KCA	SW 8270
Fluoranthene	1800	310	ug/Kg	05/27/10		KCA	SW 8270
Fluorene	ND	310	ug/Kg	05/27/10		KCA	SW 8270
Hexachlorobenzene	ND	310	ug/Kg	05/27/10		KCA	SW 8270
Hexachlorobutadiene	ND	310	ug/Kg	05/27/10		KCA	SW 8270
Hexachlorocyclopentadiene	ND	310	ug/Kg	05/27/10		KCA	SW 8270
Hexachloroethane	ND	310	ug/Kg	05/27/10		KCA	SW 8270
Indeno(1,2,3-cd)pyrene	560	310	ug/Kg	05/27/10		KCA	SW 8270
Isophorone	ND	310	ug/Kg	05/27/10		KCA	SW 8270
Naphthalene	ND	310	ug/Kg	05/27/10		KCA	SW 8270
Nitrobenzene	ND	310	ug/Kg	05/27/10		KCA	SW 8270
N-Nitrosodimethylamine	ND	440	ug/Kg	05/27/10		KCA	SW 8270
N-Nitrosodi-n-propylamine	ND	310	ug/Kg	05/27/10		KCA	SW 8270
N-Nitrosodiphenylamine	ND	440	ug/Kg	05/27/10		KCA	SW 8270
Pentachloronitrobenzene	ND	440	ug/Kg	05/27/10		KCA	SW 8270
Pentachlorophenol	ND	440	ug/Kg	05/27/10		KCA	SW 8270
Phenanthrene	990	310	ug/Kg	05/27/10		KCA	SW 8270
Phenol	ND	310	ug/Kg	05/27/10		KCA	SW 8270
Pyrene	1400	310	ug/Kg	05/27/10		KCA	SW 8270
Pyridine	ND	440	ug/Kg	05/27/10		KCA	SW 8270
<u>QA/QC Surrogates</u>							
% 2,4,6-Tribromophenol	96		%	05/27/10		KCA	SW 8270
% 2-Fluorobiphenyl	69		%	05/27/10		KCA	SW 8270
% 2-Fluorophenol	70		%	05/27/10		KCA	SW 8270
% Nitrobenzene-d5	56		%	05/27/10		KCA	SW 8270
% Phenol-d5	67		%	05/27/10		KCA	SW 8270
% Terphenyl-d14	73		%	05/27/10		KCA	SW 8270
<u>Polychlorinated Biphenyls</u>							
PCB-1016	ND	440	ug/Kg	05/27/10		MH	SW 8082
PCB-1221	ND	440	ug/Kg	05/27/10		MH	SW 8082
PCB-1232	ND	440	ug/Kg	05/27/10		MH	SW 8082

Parameter	Result	RL	Units	Date	Time	By	Reference
PCB-1242	ND	440	ug/Kg	05/27/10		MH	SW 8082
PCB-1248	ND	440	ug/Kg	05/27/10		MH	SW 8082
PCB-1254	ND	440	ug/Kg	05/27/10		MH	SW 8082
PCB-1260	1400	440	ug/Kg	05/27/10		MH	SW 8082
PCB-1262	ND	440	ug/Kg	05/27/10		MH	SW 8082
PCB-1268	ND	440	ug/Kg	05/27/10		MH	SW 8082
<u>QA/QC Surrogates</u>							
% DCBP	88		%	05/27/10		MH	SW 8082
% TCMX	82		%	05/27/10		MH	SW 8082

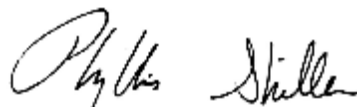
Comments:

Elevated reporting limits for volatiles due to dilution for sample matrix. Low-level sample was analyzed with poor internal standard response.

If there are any questions regarding this data, please call Phoenix Client Services at extension 200.

ND=Not detected BDL=Below Detection Level RL=Reporting Level

This report must not be reproduced except in full as defined by the attached chain of custody.



Phyllis Shiller, Laboratory Director

June 01, 2010



Environmental Laboratories, Inc.
 587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045
 Tel. (860) 645-1102 Fax (860) 645-0823



QA/QC Report

June 01, 2010

QA/QC Data

SDG I.D.: GAZ08417

Parameter	Blank	Dup RPD	LCS %	LCSD %	LCS RPD	MS Rec %	MS Dup Rec %	RPD
QA/QC Batch 154111, QC Sample No: AZ08424 (AZ08417, AZ08419)								
<u>ICP Metals - Soil</u>								
Arsenic	BDL	2.10	94.2	75.5	22.0	87.6	94.8	7.9
Barium	BDL	31.8	96.3	81.1	17.1	>130	121	NC ³
Cadmium	BDL	NC	98.4	77.8	23.4	89.6	95.2	6.1
Chromium	BDL	4.40	101	83.1	19.4	96.6	107	10.2
Lead	BDL	30.5	96.4	77.1	22.2	86.6	93.9	8.1
Selenium	BDL	NC	91.2	79.8	13.3	80.8	85.3	5.4
Silver	BDL	NC	96.8	80.3	18.6	89.3	95.2	6.4
QA/QC Batch 154160, QC Sample No: AZ08579 (AZ08417, AZ08419)								
Mercury	BDL	NC	99.3	94.2	5.3	108	93.6	14.3

3 = This parameter is outside laboratory ms/msd specified limits.



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QA/QC Report

June 01, 2010

QA/QC Data

SDG I.D.: GAZ08417

Parameter	Blank	LCS %	LCSD %	LCS RPD	MS Rec %	MS Dup Rec %	RPD
QA/QC Batch 154033, QC Sample No: AZ08180 (AZ08417, AZ08419)							
<u>Polychlorinated Biphenyls</u>							
PCB-1016	ND	90	92	2.2	97	68	35.2
PCB-1221	ND						
PCB-1232	ND						
PCB-1242	ND						
PCB-1248	ND						
PCB-1254	ND						
PCB-1260	ND	88	103	15.7	123	110	11.2
PCB-1262	ND						
PCB-1268	ND						
% DCBP (Surrogate Rec)	77	76	84	10.0	101	78	25.7
% TCMX (Surrogate Rec)	82	78	77	1.3	79	65	19.4
QA/QC Batch 154043, QC Sample No: AZ08180 (AZ08417, AZ08419)							
<u>Semivolatiles</u>							
1,2,4,5-Tetrachlorobenzene	ND	78	78	0.0	56	62	10.2
1,2,4-Trichlorobenzene	ND	71	71	0.0	52	56	7.4
1,2-Dichlorobenzene	ND	68	68	0.0	50	53	5.8
1,3-Dichlorobenzene	ND	67	67	0.0	50	52	3.9
1,4-Dichlorobenzene	ND	70	71	1.4	52	54	3.8
2,4,5-Trichlorophenol	ND	82	83	1.2	60	66	9.5
2,4,6-Trichlorophenol	ND	78	79	1.3	56	62	10.2
2,4-Dichlorophenol	ND	83	83	0.0	61	66	7.9
2,4-Dimethylphenol	ND	43	44	2.3	23	27	16.0
2,4-Dinitrophenol	ND	24	41	52.3	NC	NC	NC
2,4-Dinitrotoluene	ND	79	80	1.3	47	51	8.2
2,6-Dinitrotoluene	ND	75	75	0.0	48	53	9.9
2-Chloronaphthalene	ND	76	76	0.0	54	58	7.1
2-Chlorophenol	ND	67	68	1.5	51	56	9.3
2-Methylnaphthalene	ND	72	73	1.4	70	76	8.2
2-Methylphenol (o-cresol)	ND	66	67	1.5	44	48	8.7
2-Nitroaniline	ND	121	>130	NC	88	99	11.8
2-Nitrophenol	ND	76	77	1.3	48	49	2.1
3&4-Methylphenol (m&p-cresol)	ND	76	77	1.3	49	54	9.7
3,3'-Dichlorobenzidine	ND	N/A	N/A	NC	N/A	N/A	NC
3-Nitroaniline	ND	>130	>130	NC	89	106	17.4
4,6-Dinitro-2-methylphenol	ND	63	78	21.3	NC	NC	NC
4-Bromophenyl phenyl ether	ND	92	90	2.2	60	67	11.0
4-Chloro-3-methylphenol	ND	78	79	1.3	56	64	13.3
4-Chloroaniline	ND	82	84	2.4	25	25	0.0
4-Chlorophenyl phenyl ether	ND	82	83	1.2	58	64	9.8
4-Nitroaniline	ND	76	78	2.6	53	58	9.0

QA/QC Data

SDG I.D.: GAZ08417

Parameter	Blank	LCS %	LCSD %	LCS RPD	MS Rec %	MS Dup Rec %	RPD
4-Nitrophenol	ND	73	79	7.9	54	55	1.8
Acenaphthene	ND	74	76	2.7	53	58	9.0
Acenaphthylene	ND	72	74	2.7	60	68	12.5
Acetophenone	ND	72	72	0.0	55	58	5.3
Aniline	ND	N/A	N/A	NC	N/A	N/A	NC
Anthracene	ND	87	86	1.2	66	75	12.8
Azobenzene	ND	71	72	1.4	52	56	7.4
Benz(a)anthracene	ND	74	73	1.4	71	89	22.5
Benzidine	ND	N/A	N/A	NC	N/A	N/A	NC
Benzo(a)pyrene	ND	79	80	1.3	73	90	20.9
Benzo(b)fluoranthene	ND	79	79	0.0	50	78	43.8
Benzo(ghi)perylene	ND	80	75	6.5	45	48	6.5
Benzo(k)fluoranthene	ND	78	80	2.5	30	42	33.3
Benzoic acid	ND	N/A	N/A	NC	N/A	N/A	NC
Benzyl butyl phthalate	ND	79	73	7.9	53	58	9.0
Bis(2-chloroethoxy)methane	ND	68	68	0.0	51	54	5.7
Bis(2-chloroethyl)ether	ND	62	63	1.6	48	52	8.0
Bis(2-chloroisopropyl)ether	ND	57	58	1.7	44	47	6.6
Bis(2-ethylhexyl)phthalate	ND	82	75	8.9	54	60	10.5
Carbazole	ND	59	66	11.2	59	67	12.7
Chrysene	ND	76	76	0.0	48	66	31.6
Dibenz(a,h)anthracene	ND	92	89	3.3	46	49	6.3
Dibenzofuran	ND	75	76	1.3	58	65	11.4
Diethyl phthalate	ND	79	79	0.0	55	61	10.3
Dimethylphthalate	ND	79	79	0.0	56	62	10.2
Di-n-butylphthalate	ND	79	79	0.0	55	61	10.3
Di-n-octylphthalate	ND	79	74	6.5	53	58	9.0
Fluoranthene	ND	82	82	0.0	44	82	60.3
Fluorene	ND	80	81	1.2	59	66	11.2
Hexachlorobenzene	ND	62	62	0.0	38	41	7.6
Hexachlorobutadiene	ND	74	75	1.3	55	59	7.0
Hexachlorocyclopentadiene	ND	60	66	9.5	NC	NC	NC
Hexachloroethane	ND	63	64	1.6	39	40	2.5
Indeno(1,2,3-cd)pyrene	ND	86	82	4.8	50	56	11.3
Isophorone	ND	65	65	0.0	49	53	7.8
Naphthalene	ND	72	72	0.0	65	69	6.0
Nitrobenzene	ND	64	64	0.0	49	53	7.8
N-Nitrosodimethylamine	ND	62	61	1.6	42	46	9.1
N-Nitrosodi-n-propylamine	ND	74	73	1.4	49	54	9.7
N-Nitrosodiphenylamine	ND	87	90	3.4	64	70	9.0
Pentachloronitrobenzene	ND	82	82	0.0	49	53	7.8
Pentachlorophenol	ND	45	50	10.5	40	45	11.8
Phenanthrene	ND	78	77	1.3	46	67	37.2
Phenol	ND	72	73	1.4	52	56	7.4
Pyrene	ND	79	80	1.3	48	79	48.8
Pyridine	ND	62	61	1.6	39	41	5.0
% 2,4,6-Tribromophenol	54	73	72	1.4	51	58	12.8
% 2-Fluorobiphenyl	58	69	70	1.4	49	54	9.7
% 2-Fluorophenol	63	66	68	3.0	50	55	9.5
% Nitrobenzene-d5	46	52	53	1.9	39	42	7.4
% Phenol-d5	60	69	70	1.4	50	55	9.5
% Terphenyl-d14	56	71	72	1.4	48	54	11.8

QA/QC Data

SDG I.D.: GAZ08417

Parameter	Blank	LCS %	LCSD %	LCS RPD	MS Rec %	MS Dup Rec %	RPD
QA/QC Batch 154177, QC Sample No: AZ08402 (AZ08417, AZ08419)							
<u>Volatiles</u>							
1,1,1,2-Tetrachloroethane	ND	106	109	2.8	112	108	3.6
1,1,1-Trichloroethane	ND	105	103	1.9	106	105	0.9
1,1,2,2-Tetrachloroethane	ND	>150	>150	NC	134	136	1.5
1,1,2-Trichloroethane	ND	108	107	0.9	113	108	4.5
1,1-Dichloroethane	ND	90	88	2.2	96	94	2.1
1,1-Dichloroethene	ND	72	71	1.4	90	84	6.9
1,1-Dichloropropene	ND	90	93	3.3	100	93	7.3
1,2,3-Trichlorobenzene	ND	103	114	10.1	95	91	4.3
1,2,3-Trichloropropane	ND	126	120	4.9	102	105	2.9
1,2,4-Trichlorobenzene	ND	98	106	7.8	84	80	4.9
1,2,4-Trimethylbenzene	ND	103	103	0.0	99	96	3.1
1,2-Dibromo-3-chloropropane	ND	120	120	0.0	119	117	1.7
1,2-Dichlorobenzene	ND	103	103	0.0	98	95	3.1
1,2-Dichloroethane	ND	116	115	0.9	118	114	3.4
1,2-Dichloropropane	ND	104	103	1.0	110	105	4.7
1,3,5-Trimethylbenzene	ND	104	102	1.9	101	98	3.0
1,3-Dichlorobenzene	ND	103	103	0.0	94	91	3.2
1,3-Dichloropropane	ND	110	113	2.7	111	112	0.9
1,4-Dichlorobenzene	ND	99	99	0.0	92	90	2.2
2,2-Dichloropropane	ND	94	94	0.0	88	83	5.8
2-Chlorotoluene	ND	101	100	1.0	99	97	2.0
2-Hexanone	ND	113	112	0.9	96	94	2.1
2-Isopropyltoluene	ND	102	103	1.0	102	100	2.0
4-Chlorotoluene	ND	102	101	1.0	95	96	1.0
4-Methyl-2-pentanone	ND	130	128	1.6	125	114	9.2
Acetone	ND	111	102	8.5	98	96	2.1
Acrylonitrile	ND	102	100	2.0	103	106	2.9
Benzene	ND	96	97	1.0	104	100	3.9
Bromobenzene	ND	106	103	2.9	101	104	2.9
Bromochloromethane	ND	90	106	16.3	111	95	15.5
Bromodichloromethane	ND	110	110	0.0	113	109	3.6
Bromoform	ND	110	117	6.2	110	111	0.9
Bromomethane	ND	81	81	0.0	81	87	7.1
Carbon Disulfide	ND	81	81	0.0	86	84	2.4
Carbon tetrachloride	ND	101	102	1.0	107	102	4.8
Chlorobenzene	ND	102	101	1.0	101	98	3.0
Chloroethane	ND	83	82	1.2	84	86	2.4
Chloroform	ND	96	104	8.0	109	98	10.6
Chloromethane	ND	90	90	0.0	98	94	4.2
cis-1,2-Dichloroethene	ND	80	84	4.9	92	88	4.4
cis-1,3-Dichloropropene	ND	108	108	0.0	105	102	2.9
Dibromochloromethane	ND	111	118	6.1	109	111	1.8
Dibromoethane	ND	112	113	0.9	116	112	3.5
Dibromomethane	ND	109	110	0.9	115	107	7.2
Dichlorodifluoromethane	ND	100	97	3.0	86	82	4.8
Ethylbenzene	ND	97	101	4.0	101	97	4.0
Hexachlorobutadiene	ND	90	98	8.5	89	84	5.8
Isopropylbenzene	ND	95	94	1.1	101	100	1.0
m&p-Xylene	ND	98	103	5.0	99	97	2.0
Methyl ethyl ketone	ND	131	125	4.7	118	120	1.7

2,3

QA/QC Data

SDG I.D.: GAZ08417

Parameter	Blank	LCS %	LCSD %	LCS RPD	MS Rec %	MS Dup Rec %	RPD
Methyl t-butyl ether (MTBE)	ND	102	102	0.0	107	104	2.8
Methylene chloride	ND	77	75	2.6	83	82	1.2
Naphthalene	ND	113	121	6.8	106	110	3.7
n-Butylbenzene	ND	98	98	0.0	91	85	6.8
n-Propylbenzene	ND	102	102	0.0	96	95	1.0
o-Xylene	ND	101	103	2.0	102	99	3.0
p-Isopropyltoluene	ND	96	98	2.1	92	87	5.6
sec-Butylbenzene	ND	100	99	1.0	99	96	3.1
Styrene	ND	101	107	5.8	104	101	2.9
tert-Butylbenzene	ND	103	102	1.0	103	100	3.0
Tetrachloroethene	ND	98	99	1.0	103	95	8.1
Tetrahydrofuran (THF)	ND	131	126	3.9	128	126	1.6
Toluene	ND	99	98	1.0	103	98	5.0
trans-1,2-Dichloroethene	ND	78	79	1.3	91	90	1.1
trans-1,3-Dichloropropene	ND	113	113	0.0	110	104	5.6
trans-1,4-dichloro-2-butene	ND	126	120	4.9	102	105	2.9
Trichloroethene	ND	94	94	0.0	110	103	6.6
Trichlorofluoromethane	ND	97	99	2.0	99	96	3.1
Trichlorotrifluoroethane	ND	89	88	1.1	91	86	5.6
Vinyl chloride	ND	78	78	0.0	76	81	6.4
% 1,2-dichlorobenzene-d4	104	103	101	2.0	102	104	1.9
% Bromofluorobenzene	97	101	103	2.0	101	102	1.0
% Dibromofluoromethane	98	113	114	0.9	114	114	0.0
% Toluene-d8	98	100	100	0.0	101	100	1.0

Comment:

A blank MS/MSD was analyzed with this batch.

QA/QC Batch 154196, QC Sample No: AZ08418 (AZ08418)

Volatiles

1,1,1,2-Tetrachloroethane	ND	104	100	3.9	106	109	2.8
1,1,1-Trichloroethane	ND	99	93	6.3	105	113	7.3
1,1,2,2-Tetrachloroethane	ND	95	110	14.6	98	95	3.1
1,1,2-Trichloroethane	ND	109	115	5.4	111	103	7.5
1,1-Dichloroethane	ND	90	93	3.3	96	98	2.1
1,1-Dichloroethene	ND	83	79	4.9	102	104	1.9
1,1-Dichloropropene	ND	96	84	13.3	99	104	4.9
1,2,3-Trichlorobenzene	ND	100	97	3.0	86	81	6.0
1,2,3-Trichloropropane	ND	107	114	6.3	104	98	5.9
1,2,4-Trichlorobenzene	ND	107	97	9.8	94	93	1.1
1,2,4-Trimethylbenzene	ND	97	94	3.1	100	102	2.0
1,2-Dibromo-3-chloropropane	ND	110	116	5.3	103	96	7.0
1,2-Dichlorobenzene	ND	99	97	2.0	100	100	0.0
1,2-Dichloroethane	ND	100	107	6.8	109	109	0.0
1,2-Dichloropropane	ND	97	98	1.0	99	97	2.0
1,3,5-Trimethylbenzene	ND	95	92	3.2	99	103	4.0
1,3-Dichlorobenzene	ND	96	94	2.1	100	100	0.0
1,3-Dichloropropane	ND	99	103	4.0	101	96	5.1
1,4-Dichlorobenzene	ND	100	100	0.0	104	105	1.0
2,2-Dichloropropane	ND	93	89	4.4	72	62	14.9
2-Chlorotoluene	ND	93	92	1.1	98	102	4.0
2-Hexanone	ND	102	115	12.0	94	83	12.4
2-Isopropyltoluene	ND	97	90	7.5	99	106	6.8
4-Chlorotoluene	ND	96	95	1.0	101	101	0.0

QA/QC Data

SDG I.D.: GAZ08417

Parameter	Blank	LCS %	LCSD %	LCS RPD	MS Rec %	MS Dup Rec %	RPD
4-Methyl-2-pentanone	ND	109	126	14.5	108	86	22.7
Acetone	ND	105	128	19.7	119	109	8.8
Acrylonitrile	ND	94	113	18.4	93	85	9.0
Benzene	ND	96	92	4.3	101	103	2.0
Bromobenzene	ND	97	96	1.0	103	102	1.0
Bromochloromethane	ND	101	106	4.8	103	97	6.0
Bromodichloromethane	ND	107	106	0.9	112	110	1.8
Bromoform	ND	112	109	2.7	108	106	1.9
Bromomethane	ND	80	78	2.5	89	89	0.0
Carbon Disulfide	ND	84	82	2.4	89	94	5.5
Carbon tetrachloride	ND	106	93	13.1	116	126	8.3
Chlorobenzene	ND	100	94	6.2	101	104	2.9
Chloroethane	ND	92	87	5.6	95	96	1.0
Chloroform	ND	94	95	1.1	101	102	1.0
Chloromethane	ND	83	84	1.2	103	101	2.0
cis-1,2-Dichloroethene	ND	91	92	1.1	97	94	3.1
cis-1,3-Dichloropropene	ND	103	132	24.7	122	93	27.0
Dibromochloromethane	ND	111	108	2.7	111	109	1.8
Dibromoethane	ND	109	116	6.2	113	102	10.2
Dibromomethane	ND	100	108	7.7	107	103	3.8
Dichlorodifluoromethane	ND	101	95	6.1	133	139	4.4
Ethylbenzene	ND	98	89	9.6	101	106	4.8
Hexachlorobutadiene	ND	86	78	9.8	84	88	4.7
Isopropylbenzene	ND	87	82	5.9	97	105	7.9
m&p-Xylene	ND	98	91	7.4	101	106	4.8
Methyl ethyl ketone	ND	90	109	19.1	91	76	18.0
Methyl t-butyl ether (MTBE)	ND	104	111	6.5	104	94	10.1
Methylene chloride	ND	76	79	3.9	81	78	3.8
Naphthalene	ND	106	98	7.8	81	78	3.8
n-Butylbenzene	ND	107	100	6.8	102	108	5.7
n-Propylbenzene	ND	98	92	6.3	100	107	6.8
o-Xylene	ND	99	92	7.3	100	104	3.9
p-Isopropyltoluene	ND	99	93	6.3	99	104	4.9
sec-Butylbenzene	ND	95	90	5.4	98	105	6.9
Styrene	ND	100	96	4.1	102	102	0.0
tert-Butylbenzene	ND	94	89	5.5	99	106	6.8
Tetrachloroethene	ND	100	86	15.1	103	112	8.4
Tetrahydrofuran (THF)	ND	92	114	21.4	91	81	11.6
Toluene	ND	81	98	19.0	106	86	20.8
trans-1,2-Dichloroethene	ND	87	83	4.7	95	100	5.1
trans-1,3-Dichloropropene	ND	109	114	4.5	105	92	13.2
trans-1,4-dichloro-2-butene	ND	111	133	18.0	84	80	4.9
Trichloroethene	ND	97	88	9.7	104	107	2.8
Trichlorofluoromethane	ND	107	98	8.8	117	127	8.2
Trichlorotrifluoroethane	ND	100	92	8.3	105	114	8.2
Vinyl chloride	ND	87	84	3.5	104	110	5.6
% 1,2-dichlorobenzene-d4	113	100	101	1.0	101	103	2.0
% Bromofluorobenzene	94	97	98	1.0	99	98	1.0
% Dibromofluoromethane	107	103	104	1.0	102	102	0.0
% Toluene-d8	108	84	110	26.8	108	83	26.2

Comment:

A blank MS/MSD was analyzed with this batch.

QA/QC Data

SDG I.D.: GAZ08417

Parameter	Blank	LCS %	LCSD %	LCS RPD	MS Rec %	MS Dup Rec %	RPD
QA/QC Batch 154124, QC Sample No: AZ08423 (AZ08418)							
<u>Semivolatiles</u>							
1,2,4,5-Tetrachlorobenzene	ND	71	70	1.4			
1,2,4-Trichlorobenzene	ND	63	64	1.6			
1,2-Dichlorobenzene	ND	61	62	1.6			
1,3-Dichlorobenzene	ND	60	61	1.7			
1,4-Dichlorobenzene	ND	64	65	1.6			
2,4,5-Trichlorophenol	ND	79	77	2.6			
2,4,6-Trichlorophenol	ND	77	76	1.3			
2,4-Dichlorophenol	ND	78	80	2.5			
2,4-Dimethylphenol	ND	41	42	2.4			
2,4-Dinitrophenol	ND	42	17	84.7			2
2,4-Dinitrotoluene	ND	72	72	0.0			
2,6-Dinitrotoluene	ND	67	68	1.5			
2-Chloronaphthalene	ND	66	68	3.0			
2-Chlorophenol	ND	60	62	3.3			
2-Methylnaphthalene	ND	64	65	1.6			
2-Methylphenol (o-cresol)	ND	60	63	4.9			
2-Nitroaniline	ND	>130	130	NC			
2-Nitrophenol	ND	71	73	2.8			
3&4-Methylphenol (m&p-cresol)	ND	66	69	4.4			
3,3'-Dichlorobenzidine	ND	N/A	N/A	NC			
3-Nitroaniline	ND	>130	>130	NC			
4,6-Dinitro-2-methylphenol	ND	70	47	39.3			
4-Bromophenyl phenyl ether	ND	79	84	6.1			
4-Chloro-3-methylphenol	ND	76	77	1.3			
4-Chloroaniline	ND	52	57	9.2			
4-Chlorophenyl phenyl ether	ND	75	77	2.6			
4-Nitroaniline	ND	69	69	0.0			
4-Nitrophenol	ND	11	61	138.9			2
Acenaphthene	ND	67	67	0.0			
Acenaphthylene	ND	64	66	3.1			
Acetophenone	ND	64	66	3.1			
Aniline	ND	N/A	N/A	NC			
Anthracene	ND	75	78	3.9			
Azobenzene	ND	67	68	1.5			
Benz(a)anthracene	ND	75	79	5.2			
Benzidine	ND	N/A	N/A	NC			
Benzo(a)pyrene	ND	70	70	0.0			
Benzo(b)fluoranthene	ND	70	74	5.6			
Benzo(ghi)perylene	ND	79	79	0.0			
Benzo(k)fluoranthene	ND	68	73	7.1			
Benzoic acid	ND	N/A	N/A	NC			
Benzyl butyl phthalate	ND	70	84	18.2			
Bis(2-chloroethoxy)methane	ND	61	63	3.2			
Bis(2-chloroethyl)ether	ND	55	58	5.3			
Bis(2-chloroisopropyl)ether	ND	48	49	2.1			
Bis(2-ethylhexyl)phthalate	ND	75	91	19.3			
Carbazole	ND	72	72	0.0			
Chrysene	ND	73	78	6.6			
Dibenz(a,h)anthracene	ND	80	77	3.8			
Dibenzofuran	ND	69	71	2.9			

QA/QC Data

SDG I.D.: GAZ08417

Parameter	Blank	LCS %	LCSD %	LCS RPD	MS Rec %	MS Dup Rec %	RPD
Diethyl phthalate	ND	74	78	5.3			
Dimethylphthalate	ND	74	77	4.0			
Di-n-butylphthalate	ND	90	87	3.4			
Di-n-octylphthalate	ND	72	82	13.0			
Fluoranthene	ND	76	78	2.6			
Fluorene	ND	72	74	2.7			
Hexachlorobenzene	ND	67	74	9.9			
Hexachlorobutadiene	ND	69	69	0.0			
Hexachlorocyclopentadiene	ND	19	14	30.3			2
Hexachloroethane	ND	58	60	3.4			
Indeno(1,2,3-cd)pyrene	ND	78	76	2.6			
Isophorone	ND	59	61	3.3			
Naphthalene	ND	62	64	3.2			
Nitrobenzene	ND	59	61	3.3			
N-Nitrosodimethylamine	ND	43	46	6.7			
N-Nitrosodi-n-propylamine	ND	57	62	8.4			
N-Nitrosodiphenylamine	ND	79	83	4.9			
Pentachloronitrobenzene	ND	77	81	5.1			
Pentachlorophenol	ND	38	30	23.5			
Phenanthrene	ND	68	72	5.7			
Phenol	ND	55	57	3.6			
Pyrene	ND	75	76	1.3			
Pyridine	ND	<5	<5	NC			2
% 2,4,6-Tribromophenol	92	68	71	4.3			
% 2-Fluorobiphenyl	69	61	63	3.2			
% 2-Fluorophenol	73	51	54	5.7			
% Nitrobenzene-d5	88	48	51	6.1			
% Phenol-d5	69	52	52	0.0			
% Terphenyl-d14	78	62	66	6.3			

Comment:

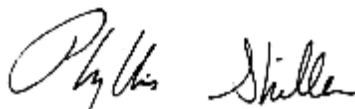
A LCS and LCS Duplicate were performed instead of a matrix spike and matrix spike duplicate.

2 = This parameter is outside laboratory lcs/lcsd specified limits.

3 = This parameter is outside laboratory ms/msd specified limits.

If there are any questions regarding this data, please call Phoenix Client Services at extension 200.

- RPD - Relative Percent Difference
- LCS - Laboratory Control Sample
- LCSD - Laboratory Control Sample Duplicate
- MS - Matrix Spike
- MS Dup - Matrix Spike Duplicate
- NC - No Criteria


 Phyllis Shiller, Laboratory Director
 June 01, 2010



Thursday, June 03, 2010

Attn: Mr. William Hertenrater
AFI Environmental
P.O. Box 4049
Niagara Falls, NY 14304

Project ID: V1012 BABCOCK
Sample ID#s: AZ08420 - AZ08424

This laboratory is in compliance with the QA/QC procedures outlined in EPA 600/4-79-019, Handbook for Analytical Quality in Water and Waste Water, March 1979, SW846 QA/QC and NELAC requirements of procedures used.

This report contains results for the parameters tested, under the sampling conditions described on the Chain Of Custody, as received by the laboratory.

A scanned version of the COC form accompanies the analytical report and is an exact duplicate of the original.

If you have any questions concerning this testing, please do not hesitate to contact Phoenix Client Services at ext. 200.

Sincerely yours,

A handwritten signature in black ink that reads "Phyllis Shiller". The signature is written in a cursive style.

Phyllis Shiller
Laboratory Director

NELAC - #NY11301
CT Lab Registration #PH-0618
MA Lab Registration #MA-CT-007
ME Lab Registration #CT-007
NH Lab Registration #213693-A,B
NJ Lab Registration #CT-003
NY Lab Registration #11301
PA Lab Registration #68-03530
RI Lab Registration #63
VT Lab Registration #VT11301



Environmental Laboratories, Inc.
 587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045
 Tel. (860) 645-1102 Fax (860) 645-0823



Analysis Report

June 03, 2010

FOR: Attn: Mr. William Hertenrater
 AFI Environmental
 P.O. Box 4049
 Niagara Falls, NY 14304

Sample Information

Matrix: SOIL
 Location Code: AFI-ENV
 Rush Request:
 P.O.#:

Custody Information

Collected by: EB
 Received by: LDF
 Analyzed by: see "By" below

Date

05/25/10
 05/26/10

Time

11:00
 11:18

Laboratory Data

SDG ID: GAZ08420
 Phoenix ID: AZ08420

Project ID: V1012 BABCOCK

Client ID: TP1 0-5

Parameter	Result	RL	Units	Date	Time	By	Reference
Percent Solid	79		%	05/26/10		M/JL	E160.3
Soil Extraction for SVOA	Completed			05/26/10		QS/D	SW3545
Volatiles							
1,1,1,2-Tetrachloroethane	ND	6.3	ug/Kg	05/27/10		H/J	SW8260
1,1,1-Trichloroethane	ND	6.3	ug/Kg	05/27/10		H/J	SW8260
1,1,2,2-Tetrachloroethane	ND	6.3	ug/Kg	05/27/10		H/J	SW8260
1,1,2-Trichloroethane	ND	6.3	ug/Kg	05/27/10		H/J	SW8260
1,1-Dichloroethane	ND	6.3	ug/Kg	05/27/10		H/J	SW8260
1,1-Dichloroethene	ND	6.3	ug/Kg	05/27/10		H/J	SW8260
1,1-Dichloropropene	ND	6.3	ug/Kg	05/27/10		H/J	SW8260
1,2,3-Trichlorobenzene	ND	6.3	ug/Kg	05/27/10		H/J	SW8260
1,2,3-Trichloropropane	ND	6.3	ug/Kg	05/27/10		H/J	SW8260
1,2,4-Trichlorobenzene	ND	6.3	ug/Kg	05/27/10		H/J	SW8260
1,2,4-Trimethylbenzene	ND	6.3	ug/Kg	05/27/10		H/J	SW8260
1,2-Dibromo-3-chloropropane	ND	6.3	ug/Kg	05/27/10		H/J	SW8260
1,2-Dichlorobenzene	ND	6.3	ug/Kg	05/27/10		H/J	SW8260
1,2-Dichloroethane	ND	6.3	ug/Kg	05/27/10		H/J	SW8260
1,2-Dichloropropane	ND	6.3	ug/Kg	05/27/10		H/J	SW8260
1,3,5-Trimethylbenzene	ND	6.3	ug/Kg	05/27/10		H/J	SW8260
1,3-Dichlorobenzene	ND	6.3	ug/Kg	05/27/10		H/J	SW8260
1,3-Dichloropropane	ND	6.3	ug/Kg	05/27/10		H/J	SW8260
1,4-Dichlorobenzene	ND	6.3	ug/Kg	05/27/10		H/J	SW8260
2,2-Dichloropropane	ND	6.3	ug/Kg	05/27/10		H/J	SW8260
2-Chlorotoluene	ND	6.3	ug/Kg	05/27/10		H/J	SW8260
2-Hexanone	ND	32	ug/Kg	05/27/10		H/J	SW8260
2-Isopropyltoluene	ND	6.3	ug/Kg	05/27/10		H/J	SW8260
4-Chlorotoluene	ND	6.3	ug/Kg	05/27/10		H/J	SW8260

Parameter	Result	RL	Units	Date	Time	By	Reference
4-Methyl-2-pentanone	ND	32	ug/Kg	05/27/10		H/J	SW8260
Acetone	ND	32	ug/Kg	05/27/10		H/J	SW8260
Acrylonitrile	ND	13	ug/Kg	05/27/10		H/J	SW8260
Benzene	ND	6.3	ug/Kg	05/27/10		H/J	SW8260
Bromobenzene	ND	6.3	ug/Kg	05/27/10		H/J	SW8260
Bromochloromethane	ND	6.3	ug/Kg	05/27/10		H/J	SW8260
Bromodichloromethane	ND	6.3	ug/Kg	05/27/10		H/J	SW8260
Bromoform	ND	6.3	ug/Kg	05/27/10		H/J	SW8260
Bromomethane	ND	6.3	ug/Kg	05/27/10		H/J	SW8260
Carbon Disulfide	ND	6.3	ug/Kg	05/27/10		H/J	SW8260
Carbon tetrachloride	ND	6.3	ug/Kg	05/27/10		H/J	SW8260
Chlorobenzene	ND	6.3	ug/Kg	05/27/10		H/J	SW8260
Chloroethane	ND	6.3	ug/Kg	05/27/10		H/J	SW8260
Chloroform	ND	6.3	ug/Kg	05/27/10		H/J	SW8260
Chloromethane	ND	6.3	ug/Kg	05/27/10		H/J	SW8260
cis-1,2-Dichloroethene	ND	6.3	ug/Kg	05/27/10		H/J	SW8260
cis-1,3-Dichloropropene	ND	6.3	ug/Kg	05/27/10		H/J	SW8260
Dibromochloromethane	ND	6.3	ug/Kg	05/27/10		H/J	SW8260
Dibromoethane	ND	6.3	ug/Kg	05/27/10		H/J	SW8260
Dibromomethane	ND	6.3	ug/Kg	05/27/10		H/J	SW8260
Dichlorodifluoromethane	ND	6.3	ug/Kg	05/27/10		H/J	SW8260
Ethylbenzene	ND	6.3	ug/Kg	05/27/10		H/J	SW8260
Hexachlorobutadiene	ND	6.3	ug/Kg	05/27/10		H/J	SW8260
Isopropylbenzene	ND	6.3	ug/Kg	05/27/10		H/J	SW8260
m&p-Xylene	ND	6.3	ug/Kg	05/27/10		H/J	SW8260
Methyl Ethyl Ketone	ND	32	ug/Kg	05/27/10		H/J	SW8260
Methyl t-butyl ether (MTBE)	ND	13	ug/Kg	05/27/10		H/J	SW8260
Methylene chloride	ND	6.3	ug/Kg	05/27/10		H/J	SW8260
Naphthalene	ND	6.3	ug/Kg	05/27/10		H/J	SW8260
n-Butylbenzene	ND	6.3	ug/Kg	05/27/10		H/J	SW8260
n-Propylbenzene	ND	6.3	ug/Kg	05/27/10		H/J	SW8260
o-Xylene	ND	6.3	ug/Kg	05/27/10		H/J	SW8260
p-Isopropyltoluene	ND	6.3	ug/Kg	05/27/10		H/J	SW8260
sec-Butylbenzene	ND	6.3	ug/Kg	05/27/10		H/J	SW8260
Styrene	ND	6.3	ug/Kg	05/27/10		H/J	SW8260
tert-Butylbenzene	ND	6.3	ug/Kg	05/27/10		H/J	SW8260
Tetrachloroethene	ND	6.3	ug/Kg	05/27/10		H/J	SW8260
Tetrahydrofuran (THF)	ND	13	ug/Kg	05/27/10		H/J	SW8260
Toluene	ND	6.3	ug/Kg	05/27/10		H/J	SW8260
Total Xylenes	ND	6.3	ug/Kg	05/27/10		H/J	SW8260
trans-1,2-Dichloroethene	ND	6.3	ug/Kg	05/27/10		H/J	SW8260
trans-1,3-Dichloropropene	ND	6.3	ug/Kg	05/27/10		H/J	SW8260
trans-1,4-dichloro-2-butene	ND	13	ug/Kg	05/27/10		H/J	SW8260
Trichloroethene	ND	6.3	ug/Kg	05/27/10		H/J	SW8260
Trichlorofluoromethane	ND	6.3	ug/Kg	05/27/10		H/J	SW8260
Trichlorotrifluoroethane	ND	6.3	ug/Kg	05/27/10		H/J	SW8260
Vinyl chloride	ND	6.3	ug/Kg	05/27/10		H/J	SW8260
QA/QC Surrogates							
% 1,2-dichlorobenzene-d4	102		%	05/27/10		H/J	SW8260
% Bromofluorobenzene	82		%	05/27/10		H/J	SW8260

Parameter	Result	RL	Units	Date	Time	By	Reference
% Dibromofluoromethane	108		%	05/27/10		H/J	SW8260
% Toluene-d8	95		%	05/27/10		H/J	SW8260
Semivolatiles							
1,2,4,5-Tetrachlorobenzene	ND	290	ug/Kg	05/27/10		KCA	SW 8270
1,2,4-Trichlorobenzene	ND	290	ug/Kg	05/27/10		KCA	SW 8270
1,2-Dichlorobenzene	ND	290	ug/Kg	05/27/10		KCA	SW 8270
1,3-Dichlorobenzene	ND	290	ug/Kg	05/27/10		KCA	SW 8270
1,4-Dichlorobenzene	ND	290	ug/Kg	05/27/10		KCA	SW 8270
2,4,5-Trichlorophenol	ND	290	ug/Kg	05/27/10		KCA	SW 8270
2,4,6-Trichlorophenol	ND	290	ug/Kg	05/27/10		KCA	SW 8270
2,4-Dichlorophenol	ND	290	ug/Kg	05/27/10		KCA	SW 8270
2,4-Dimethylphenol	ND	290	ug/Kg	05/27/10		KCA	SW 8270
2,4-Dinitrophenol	ND	660	ug/Kg	05/27/10		KCA	SW 8270
2,4-Dinitrotoluene	ND	290	ug/Kg	05/27/10		KCA	SW 8270
2,6-Dinitrotoluene	ND	290	ug/Kg	05/27/10		KCA	SW 8270
2-Chloronaphthalene	ND	290	ug/Kg	05/27/10		KCA	SW 8270
2-Chlorophenol	ND	290	ug/Kg	05/27/10		KCA	SW 8270
2-Methylnaphthalene	ND	290	ug/Kg	05/27/10		KCA	SW 8270
2-Methylphenol (o-cresol)	ND	290	ug/Kg	05/27/10		KCA	SW 8270
2-Nitroaniline	ND	660	ug/Kg	05/27/10		KCA	SW 8270
2-Nitrophenol	ND	290	ug/Kg	05/27/10		KCA	SW 8270
3&4-Methylphenol (m&p-cresol)	ND	420	ug/Kg	05/27/10		KCA	SW 8270
3,3'-Dichlorobenzidine	ND	500	ug/Kg	05/27/10		KCA	SW 8270
3-Nitroaniline	ND	660	ug/Kg	05/27/10		KCA	SW 8270
4,6-Dinitro-2-methylphenol	ND	1200	ug/Kg	05/27/10		KCA	SW 8270
4-Bromophenyl phenyl ether	ND	420	ug/Kg	05/27/10		KCA	SW 8270
4-Chloro-3-methylphenol	ND	290	ug/Kg	05/27/10		KCA	SW 8270
4-Chloroaniline	ND	290	ug/Kg	05/27/10		KCA	SW 8270
4-Chlorophenyl phenyl ether	ND	290	ug/Kg	05/27/10		KCA	SW 8270
4-Nitroaniline	ND	660	ug/Kg	05/27/10		KCA	SW 8270
4-Nitrophenol	ND	1200	ug/Kg	05/27/10		KCA	SW 8270
Acenaphthene	ND	290	ug/Kg	05/27/10		KCA	SW 8270
Acenaphthylene	ND	290	ug/Kg	05/27/10		KCA	SW 8270
Acetophenone	ND	290	ug/Kg	05/27/10		KCA	SW 8270
Aniline	ND	1200	ug/Kg	05/27/10		KCA	SW 8270
Anthracene	ND	290	ug/Kg	05/27/10		KCA	SW 8270
Azobenzene	ND	420	ug/Kg	05/27/10		KCA	SW 8270
Benz(a)anthracene	ND	290	ug/Kg	05/27/10		KCA	SW 8270
Benzidine	ND	500	ug/Kg	05/27/10		KCA	SW 8270
Benzo(a)pyrene	ND	290	ug/Kg	05/27/10		KCA	SW 8270
Benzo(b)fluoranthene	ND	290	ug/Kg	05/27/10		KCA	SW 8270
Benzo(ghi)perylene	ND	290	ug/Kg	05/27/10		KCA	SW 8270
Benzo(k)fluoranthene	ND	290	ug/Kg	05/27/10		KCA	SW 8270
Benzoic acid	ND	1200	ug/Kg	05/27/10		KCA	SW 8270
Benzyl butyl phthalate	ND	290	ug/Kg	05/27/10		KCA	SW 8270
Bis(2-chloroethoxy)methane	ND	290	ug/Kg	05/27/10		KCA	SW 8270
Bis(2-chloroethyl)ether	ND	420	ug/Kg	05/27/10		KCA	SW 8270
Bis(2-chloroisopropyl)ether	ND	290	ug/Kg	05/27/10		KCA	SW 8270
Bis(2-ethylhexyl)phthalate	ND	290	ug/Kg	05/27/10		KCA	SW 8270

Parameter	Result	RL	Units	Date	Time	By	Reference
Carbazole	ND	1200	ug/Kg	05/27/10		KCA	SW 8270
Chrysene	ND	290	ug/Kg	05/27/10		KCA	SW 8270
Dibenz(a,h)anthracene	ND	290	ug/Kg	05/27/10		KCA	SW 8270
Dibenzofuran	ND	290	ug/Kg	05/27/10		KCA	SW 8270
Diethyl phthalate	ND	290	ug/Kg	05/27/10		KCA	SW 8270
Dimethylphthalate	ND	290	ug/Kg	05/27/10		KCA	SW 8270
Di-n-butylphthalate	ND	290	ug/Kg	05/27/10		KCA	SW 8270
Di-n-octylphthalate	ND	290	ug/Kg	05/27/10		KCA	SW 8270
Fluoranthene	ND	290	ug/Kg	05/27/10		KCA	SW 8270
Fluorene	ND	290	ug/Kg	05/27/10		KCA	SW 8270
Hexachlorobenzene	ND	290	ug/Kg	05/27/10		KCA	SW 8270
Hexachlorobutadiene	ND	290	ug/Kg	05/27/10		KCA	SW 8270
Hexachlorocyclopentadiene	ND	290	ug/Kg	05/27/10		KCA	SW 8270
Hexachloroethane	ND	290	ug/Kg	05/27/10		KCA	SW 8270
Indeno(1,2,3-cd)pyrene	ND	290	ug/Kg	05/27/10		KCA	SW 8270
Isophorone	ND	290	ug/Kg	05/27/10		KCA	SW 8270
Naphthalene	ND	290	ug/Kg	05/27/10		KCA	SW 8270
Nitrobenzene	ND	290	ug/Kg	05/27/10		KCA	SW 8270
N-Nitrosodimethylamine	ND	420	ug/Kg	05/27/10		KCA	SW 8270
N-Nitrosodi-n-propylamine	ND	290	ug/Kg	05/27/10		KCA	SW 8270
N-Nitrosodiphenylamine	ND	420	ug/Kg	05/27/10		KCA	SW 8270
Pentachloronitrobenzene	ND	420	ug/Kg	05/27/10		KCA	SW 8270
Pentachlorophenol	ND	420	ug/Kg	05/27/10		KCA	SW 8270
Phenanthrene	ND	290	ug/Kg	05/27/10		KCA	SW 8270
Phenol	ND	290	ug/Kg	05/27/10		KCA	SW 8270
Pyrene	ND	290	ug/Kg	05/27/10		KCA	SW 8270
Pyridine	ND	420	ug/Kg	05/27/10		KCA	SW 8270
QA/QC Surrogates							
% 2,4,6-Tribromophenol	77		%	05/27/10		KCA	SW 8270
% 2-Fluorobiphenyl	58		%	05/27/10		KCA	SW 8270
% 2-Fluorophenol	76		%	05/27/10		KCA	SW 8270
% Nitrobenzene-d5	57		%	05/27/10		KCA	SW 8270
% Phenol-d5	76		%	05/27/10		KCA	SW 8270
% Terphenyl-d14	82		%	05/27/10		KCA	SW 8270

Comments:

If there are any questions regarding this data, please call Phoenix Client Services at extension 200.

ND=Not detected BDL=Below Detection Level RL=Reporting Level

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Phyllis Shiller, Laboratory Director

June 04, 2010



Environmental Laboratories, Inc.
 587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045
 Tel. (860) 645-1102 Fax (860) 645-0823

Analysis Report

June 03, 2010

FOR: Attn: Mr. William Hertenrater
 AFI Environmental
 P.O. Box 4049
 Niagara Falls, NY 14304

Sample Information

Matrix: SOIL
 Location Code: AFI-ENV
 Rush Request:
 P.O.#:

Custody Information

Collected by: EB
 Received by: LDF
 Analyzed by: see "By" below

Date

05/25/10
 05/26/10

Time

12:05
 11:18

Laboratory Data

SDG ID: GAZ08420
 Phoenix ID: AZ08421

Project ID: V1012 BABCOCK
 Client ID: TP2 0-8

Parameter	Result	RL	Units	Date	Time	By	Reference
Arsenic	3.0	1.1	mg/Kg	06/02/10		EK	SW6010
Barium	81.6	0.56	mg/Kg	06/02/10		TH	SW6010
Cadmium	< 0.56	0.56	mg/Kg	06/02/10		TH	SW6010
Chromium	18.3	0.56	mg/Kg	06/02/10		TH	SW6010
Lead	57.4	0.56	mg/Kg	06/02/10		TH	SW6010
Mercury	0.30	0.09	mg/Kg	05/27/10		RS	SW-7471
Selenium	< 2.2	2.2	mg/Kg	06/02/10		TH	SW6010
Silver	< 0.56	0.56	mg/Kg	06/02/10		TH	SW6010
Percent Solid	64		%	05/26/10		M/JL	E160.3
Soil Extraction for PCB	Completed			05/26/10		BB/D	SW3545
Soil Extraction for SVOA	Completed			05/26/10		QS/D	SW3545
Mercury Digestion	Completed			05/27/10		E	SW7471
Total Metals Digest	Completed			05/26/10		C/AG	SW846 - 3050

Volatiles

1,1,1,2-Tetrachloroethane	ND	390	ug/Kg	05/27/10		H/J	SW8260
1,1,1-Trichloroethane	ND	390	ug/Kg	05/27/10		H/J	SW8260
1,1,2,2-Tetrachloroethane	ND	390	ug/Kg	05/27/10		H/J	SW8260
1,1,2-Trichloroethane	ND	390	ug/Kg	05/27/10		H/J	SW8260
1,1-Dichloroethane	ND	390	ug/Kg	05/27/10		H/J	SW8260
1,1-Dichloroethene	ND	390	ug/Kg	05/27/10		H/J	SW8260
1,1-Dichloropropene	ND	390	ug/Kg	05/27/10		H/J	SW8260
1,2,3-Trichlorobenzene	ND	390	ug/Kg	05/27/10		H/J	SW8260
1,2,3-Trichloropropane	ND	390	ug/Kg	05/27/10		H/J	SW8260
1,2,4-Trichlorobenzene	ND	390	ug/Kg	05/27/10		H/J	SW8260
1,2,4-Trimethylbenzene	ND	390	ug/Kg	05/27/10		H/J	SW8260
1,2-Dibromo-3-chloropropane	ND	390	ug/Kg	05/27/10		H/J	SW8260
1,2-Dichlorobenzene	ND	390	ug/Kg	05/27/10		H/J	SW8260

Parameter	Result	RL	Units	Date	Time	By	Reference
1,2-Dichloroethane	ND	390	ug/Kg	05/27/10		H/J	SW8260
1,2-Dichloropropane	ND	390	ug/Kg	05/27/10		H/J	SW8260
1,3,5-Trimethylbenzene	ND	390	ug/Kg	05/27/10		H/J	SW8260
1,3-Dichlorobenzene	ND	390	ug/Kg	05/27/10		H/J	SW8260
1,3-Dichloropropane	ND	390	ug/Kg	05/27/10		H/J	SW8260
1,4-Dichlorobenzene	ND	390	ug/Kg	05/27/10		H/J	SW8260
2,2-Dichloropropane	ND	390	ug/Kg	05/27/10		H/J	SW8260
2-Chlorotoluene	ND	390	ug/Kg	05/27/10		H/J	SW8260
2-Hexanone	ND	2000	ug/Kg	05/27/10		H/J	SW8260
2-Isopropyltoluene	ND	390	ug/Kg	05/27/10		H/J	SW8260
4-Chlorotoluene	ND	390	ug/Kg	05/27/10		H/J	SW8260
4-Methyl-2-pentanone	ND	2000	ug/Kg	05/27/10		H/J	SW8260
Acetone	ND	2000	ug/Kg	05/27/10		H/J	SW8260
Acrylonitrile	ND	780	ug/Kg	05/27/10		H/J	SW8260
Benzene	ND	390	ug/Kg	05/27/10		H/J	SW8260
Bromobenzene	ND	390	ug/Kg	05/27/10		H/J	SW8260
Bromochloromethane	ND	390	ug/Kg	05/27/10		H/J	SW8260
Bromodichloromethane	ND	390	ug/Kg	05/27/10		H/J	SW8260
Bromoform	ND	390	ug/Kg	05/27/10		H/J	SW8260
Bromomethane	ND	390	ug/Kg	05/27/10		H/J	SW8260
Carbon Disulfide	ND	390	ug/Kg	05/27/10		H/J	SW8260
Carbon tetrachloride	ND	390	ug/Kg	05/27/10		H/J	SW8260
Chlorobenzene	ND	390	ug/Kg	05/27/10		H/J	SW8260
Chloroethane	ND	390	ug/Kg	05/27/10		H/J	SW8260
Chloroform	ND	390	ug/Kg	05/27/10		H/J	SW8260
Chloromethane	ND	390	ug/Kg	05/27/10		H/J	SW8260
cis-1,2-Dichloroethene	ND	390	ug/Kg	05/27/10		H/J	SW8260
cis-1,3-Dichloropropene	ND	390	ug/Kg	05/27/10		H/J	SW8260
Dibromochloromethane	ND	390	ug/Kg	05/27/10		H/J	SW8260
Dibromoethane	ND	390	ug/Kg	05/27/10		H/J	SW8260
Dibromomethane	ND	390	ug/Kg	05/27/10		H/J	SW8260
Dichlorodifluoromethane	ND	390	ug/Kg	05/27/10		H/J	SW8260
Ethylbenzene	ND	390	ug/Kg	05/27/10		H/J	SW8260
Hexachlorobutadiene	ND	390	ug/Kg	05/27/10		H/J	SW8260
Isopropylbenzene	ND	390	ug/Kg	05/27/10		H/J	SW8260
m&p-Xylene	ND	390	ug/Kg	05/27/10		H/J	SW8260
Methyl Ethyl Ketone	ND	2000	ug/Kg	05/27/10		H/J	SW8260
Methyl t-butyl ether (MTBE)	ND	780	ug/Kg	05/27/10		H/J	SW8260
Methylene chloride	ND	390	ug/Kg	05/27/10		H/J	SW8260
Naphthalene	ND	390	ug/Kg	05/27/10		H/J	SW8260
n-Butylbenzene	ND	390	ug/Kg	05/27/10		H/J	SW8260
n-Propylbenzene	ND	390	ug/Kg	05/27/10		H/J	SW8260
o-Xylene	ND	390	ug/Kg	05/27/10		H/J	SW8260
p-Isopropyltoluene	ND	390	ug/Kg	05/27/10		H/J	SW8260
sec-Butylbenzene	ND	390	ug/Kg	05/27/10		H/J	SW8260
Styrene	ND	390	ug/Kg	05/27/10		H/J	SW8260
tert-Butylbenzene	ND	390	ug/Kg	05/27/10		H/J	SW8260
Tetrachloroethene	ND	390	ug/Kg	05/27/10		H/J	SW8260
Tetrahydrofuran (THF)	ND	780	ug/Kg	05/27/10		H/J	SW8260
Toluene	ND	390	ug/Kg	05/27/10		H/J	SW8260

Parameter	Result	RL	Units	Date	Time	By	Reference
Total Xylenes	ND	390	ug/Kg	05/27/10		H/J	SW8260
trans-1,2-Dichloroethene	ND	390	ug/Kg	05/27/10		H/J	SW8260
trans-1,3-Dichloropropene	ND	390	ug/Kg	05/27/10		H/J	SW8260
trans-1,4-dichloro-2-butene	ND	780	ug/Kg	05/27/10		H/J	SW8260
Trichloroethene	ND	390	ug/Kg	05/27/10		H/J	SW8260
Trichlorofluoromethane	ND	390	ug/Kg	05/27/10		H/J	SW8260
Trichlorotrifluoroethane	ND	390	ug/Kg	05/27/10		H/J	SW8260
Vinyl chloride	ND	390	ug/Kg	05/27/10		H/J	SW8260
<u>QA/QC Surrogates</u>							
% 1,2-dichlorobenzene-d4	98		%	05/27/10		H/J	SW8260
% Bromofluorobenzene	110		%	05/27/10		H/J	SW8260
% Dibromofluoromethane	99		%	05/27/10		H/J	SW8260
% Toluene-d8	98		%	05/27/10		H/J	SW8260
<u>Semivolatiles</u>							
1,2,4,5-Tetrachlorobenzene	ND	360	ug/Kg	05/27/10		KCA	SW 8270
1,2,4-Trichlorobenzene	ND	360	ug/Kg	05/27/10		KCA	SW 8270
1,2-Dichlorobenzene	ND	360	ug/Kg	05/27/10		KCA	SW 8270
1,3-Dichlorobenzene	ND	360	ug/Kg	05/27/10		KCA	SW 8270
1,4-Dichlorobenzene	ND	360	ug/Kg	05/27/10		KCA	SW 8270
2,4,5-Trichlorophenol	ND	360	ug/Kg	05/27/10		KCA	SW 8270
2,4,6-Trichlorophenol	ND	360	ug/Kg	05/27/10		KCA	SW 8270
2,4-Dichlorophenol	ND	360	ug/Kg	05/27/10		KCA	SW 8270
2,4-Dimethylphenol	ND	360	ug/Kg	05/27/10		KCA	SW 8270
2,4-Dinitrophenol	ND	820	ug/Kg	05/27/10		KCA	SW 8270
2,4-Dinitrotoluene	ND	360	ug/Kg	05/27/10		KCA	SW 8270
2,6-Dinitrotoluene	ND	360	ug/Kg	05/27/10		KCA	SW 8270
2-Chloronaphthalene	ND	360	ug/Kg	05/27/10		KCA	SW 8270
2-Chlorophenol	ND	360	ug/Kg	05/27/10		KCA	SW 8270
2-Methylnaphthalene	900	360	ug/Kg	05/27/10		KCA	SW 8270
2-Methylphenol (o-cresol)	ND	360	ug/Kg	05/27/10		KCA	SW 8270
2-Nitroaniline	ND	820	ug/Kg	05/27/10		KCA	SW 8270
2-Nitrophenol	ND	360	ug/Kg	05/27/10		KCA	SW 8270
3&4-Methylphenol (m&p-cresol)	ND	510	ug/Kg	05/27/10		KCA	SW 8270
3,3'-Dichlorobenzidine	ND	620	ug/Kg	05/27/10		KCA	SW 8270
3-Nitroaniline	ND	820	ug/Kg	05/27/10		KCA	SW 8270
4,6-Dinitro-2-methylphenol	ND	1500	ug/Kg	05/27/10		KCA	SW 8270
4-Bromophenyl phenyl ether	ND	510	ug/Kg	05/27/10		KCA	SW 8270
4-Chloro-3-methylphenol	ND	360	ug/Kg	05/27/10		KCA	SW 8270
4-Chloroaniline	ND	360	ug/Kg	05/27/10		KCA	SW 8270
4-Chlorophenyl phenyl ether	ND	360	ug/Kg	05/27/10		KCA	SW 8270
4-Nitroaniline	ND	820	ug/Kg	05/27/10		KCA	SW 8270
4-Nitrophenol	ND	1500	ug/Kg	05/27/10		KCA	SW 8270
Acenaphthene	ND	360	ug/Kg	05/27/10		KCA	SW 8270
Acenaphthylene	ND	360	ug/Kg	05/27/10		KCA	SW 8270
Acetophenone	ND	360	ug/Kg	05/27/10		KCA	SW 8270
Aniline	ND	1500	ug/Kg	05/27/10		KCA	SW 8270
Anthracene	ND	360	ug/Kg	05/27/10		KCA	SW 8270
Azobenzene	ND	510	ug/Kg	05/27/10		KCA	SW 8270
Benz(a)anthracene	ND	360	ug/Kg	05/27/10		KCA	SW 8270

Parameter	Result	RL	Units	Date	Time	By	Reference
Benzidine	ND	620	ug/Kg	05/27/10		KCA	SW 8270
Benzo(a)pyrene	ND	360	ug/Kg	05/27/10		KCA	SW 8270
Benzo(b)fluoranthene	ND	360	ug/Kg	05/27/10		KCA	SW 8270
Benzo(ghi)perylene	ND	360	ug/Kg	05/27/10		KCA	SW 8270
Benzo(k)fluoranthene	ND	360	ug/Kg	05/27/10		KCA	SW 8270
Benzoic acid	ND	1500	ug/Kg	05/27/10		KCA	SW 8270
Benzyl butyl phthalate	ND	360	ug/Kg	05/27/10		KCA	SW 8270
Bis(2-chloroethoxy)methane	ND	360	ug/Kg	05/27/10		KCA	SW 8270
Bis(2-chloroethyl)ether	ND	510	ug/Kg	05/27/10		KCA	SW 8270
Bis(2-chloroisopropyl)ether	ND	360	ug/Kg	05/27/10		KCA	SW 8270
Bis(2-ethylhexyl)phthalate	ND	360	ug/Kg	05/27/10		KCA	SW 8270
Carbazole	ND	1500	ug/Kg	05/27/10		KCA	SW 8270
Chrysene	ND	360	ug/Kg	05/27/10		KCA	SW 8270
Dibenz(a,h)anthracene	ND	360	ug/Kg	05/27/10		KCA	SW 8270
Dibenzofuran	ND	360	ug/Kg	05/27/10		KCA	SW 8270
Diethyl phthalate	ND	360	ug/Kg	05/27/10		KCA	SW 8270
Dimethylphthalate	ND	360	ug/Kg	05/27/10		KCA	SW 8270
Di-n-butylphthalate	ND	360	ug/Kg	05/27/10		KCA	SW 8270
Di-n-octylphthalate	ND	360	ug/Kg	05/27/10		KCA	SW 8270
Fluoranthene	ND	360	ug/Kg	05/27/10		KCA	SW 8270
Fluorene	ND	360	ug/Kg	05/27/10		KCA	SW 8270
Hexachlorobenzene	ND	360	ug/Kg	05/27/10		KCA	SW 8270
Hexachlorobutadiene	ND	360	ug/Kg	05/27/10		KCA	SW 8270
Hexachlorocyclopentadiene	ND	360	ug/Kg	05/27/10		KCA	SW 8270
Hexachloroethane	ND	360	ug/Kg	05/27/10		KCA	SW 8270
Indeno(1,2,3-cd)pyrene	ND	360	ug/Kg	05/27/10		KCA	SW 8270
Isophorone	ND	360	ug/Kg	05/27/10		KCA	SW 8270
Naphthalene	ND	360	ug/Kg	05/27/10		KCA	SW 8270
Nitrobenzene	ND	360	ug/Kg	05/27/10		KCA	SW 8270
N-Nitrosodimethylamine	ND	510	ug/Kg	05/27/10		KCA	SW 8270
N-Nitrosodi-n-propylamine	ND	360	ug/Kg	05/27/10		KCA	SW 8270
N-Nitrosodiphenylamine	ND	510	ug/Kg	05/27/10		KCA	SW 8270
Pentachloronitrobenzene	ND	510	ug/Kg	05/27/10		KCA	SW 8270
Pentachlorophenol	ND	510	ug/Kg	05/27/10		KCA	SW 8270
Phenanthrene	530	360	ug/Kg	05/27/10		KCA	SW 8270
Phenol	ND	360	ug/Kg	05/27/10		KCA	SW 8270
Pyrene	ND	360	ug/Kg	05/27/10		KCA	SW 8270
Pyridine	ND	510	ug/Kg	05/27/10		KCA	SW 8270
<u>QA/QC Surrogates</u>							
% 2,4,6-Tribromophenol	79		%	05/27/10		KCA	SW 8270
% 2-Fluorobiphenyl	58		%	05/27/10		KCA	SW 8270
% 2-Fluorophenol	77		%	05/27/10		KCA	SW 8270
% Nitrobenzene-d5	50		%	05/27/10		KCA	SW 8270
% Phenol-d5	76		%	05/27/10		KCA	SW 8270
% Terphenyl-d14	75		%	05/27/10		KCA	SW 8270
<u>Polychlorinated Biphenyls</u>							
PCB-1016	ND	520	ug/Kg	05/27/10		MH	SW 8082
PCB-1221	ND	520	ug/Kg	05/27/10		MH	SW 8082
PCB-1232	ND	520	ug/Kg	05/27/10		MH	SW 8082

Parameter	Result	RL	Units	Date	Time	By	Reference
PCB-1242	ND	520	ug/Kg	05/27/10		MH	SW 8082
PCB-1248	ND	520	ug/Kg	05/27/10		MH	SW 8082
PCB-1254	ND	520	ug/Kg	05/27/10		MH	SW 8082
PCB-1260	ND	520	ug/Kg	05/27/10		MH	SW 8082
PCB-1262	ND	520	ug/Kg	05/27/10		MH	SW 8082
PCB-1268	ND	520	ug/Kg	05/27/10		MH	SW 8082
<u>QA/QC Surrogates</u>							
% DCBP	73		%	05/27/10		MH	SW 8082
% TCMX	58		%	05/27/10		MH	SW 8082

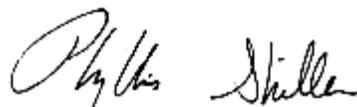
Comments:

Elevated reporting limits for volatiles due to the presence of non-target compounds.

If there are any questions regarding this data, please call Phoenix Client Services at extension 200.

ND=Not detected BDL=Below Detection Level RL=Reporting Level

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Phyllis Shiller, Laboratory Director

June 04, 2010



Environmental Laboratories, Inc.
 587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045
 Tel. (860) 645-1102 Fax (860) 645-0823



Analysis Report

June 03, 2010

FOR: Attn: Mr. William Hertenrater
 AFI Environmental
 P.O. Box 4049
 Niagara Falls, NY 14304

Sample Information

Matrix: SOIL
 Location Code: AFI-ENV
 Rush Request:
 P.O.#:

Custody Information

Collected by: EB
 Received by: LDF
 Analyzed by: see "By" below

Date: 05/25/10 11:26
 05/26/10 11:18

Laboratory Data

SDG ID: GAZ08420
 Phoenix ID: AZ08422

Project ID: V1012 BABCOCK

Client ID: TP5 0-7

Parameter	Result	RL	Units	Date	Time	By	Reference
Percent Solid	57		%	05/26/10		M/JL	E160.3
Soil Extraction for SVOA	Completed			05/26/10		QS/D	SW3545
Volatiles							
1,1,1,2-Tetrachloroethane	ND	440	ug/Kg	05/27/10		H/J	SW8260
1,1,1-Trichloroethane	ND	440	ug/Kg	05/27/10		H/J	SW8260
1,1,2,2-Tetrachloroethane	ND	440	ug/Kg	05/27/10		H/J	SW8260
1,1,2-Trichloroethane	ND	440	ug/Kg	05/27/10		H/J	SW8260
1,1-Dichloroethane	ND	440	ug/Kg	05/27/10		H/J	SW8260
1,1-Dichloroethene	ND	440	ug/Kg	05/27/10		H/J	SW8260
1,1-Dichloropropene	ND	440	ug/Kg	05/27/10		H/J	SW8260
1,2,3-Trichlorobenzene	ND	440	ug/Kg	05/27/10		H/J	SW8260
1,2,3-Trichloropropane	ND	440	ug/Kg	05/27/10		H/J	SW8260
1,2,4-Trichlorobenzene	ND	440	ug/Kg	05/27/10		H/J	SW8260
1,2,4-Trimethylbenzene	ND	440	ug/Kg	05/27/10		H/J	SW8260
1,2-Dibromo-3-chloropropane	ND	440	ug/Kg	05/27/10		H/J	SW8260
1,2-Dichlorobenzene	ND	440	ug/Kg	05/27/10		H/J	SW8260
1,2-Dichloroethane	ND	440	ug/Kg	05/27/10		H/J	SW8260
1,2-Dichloropropane	ND	440	ug/Kg	05/27/10		H/J	SW8260
1,3,5-Trimethylbenzene	ND	440	ug/Kg	05/27/10		H/J	SW8260
1,3-Dichlorobenzene	ND	440	ug/Kg	05/27/10		H/J	SW8260
1,3-Dichloropropane	ND	440	ug/Kg	05/27/10		H/J	SW8260
1,4-Dichlorobenzene	ND	440	ug/Kg	05/27/10		H/J	SW8260
2,2-Dichloropropane	ND	440	ug/Kg	05/27/10		H/J	SW8260
2-Chlorotoluene	ND	440	ug/Kg	05/27/10		H/J	SW8260
2-Hexanone	ND	2200	ug/Kg	05/27/10		H/J	SW8260
2-Isopropyltoluene	ND	440	ug/Kg	05/27/10		H/J	SW8260
4-Chlorotoluene	ND	440	ug/Kg	05/27/10		H/J	SW8260

Parameter	Result	RL	Units	Date	Time	By	Reference
4-Methyl-2-pentanone	ND	2200	ug/Kg	05/27/10		H/J	SW8260
Acetone	ND	2200	ug/Kg	05/27/10		H/J	SW8260
Acrylonitrile	ND	880	ug/Kg	05/27/10		H/J	SW8260
Benzene	ND	440	ug/Kg	05/27/10		H/J	SW8260
Bromobenzene	ND	440	ug/Kg	05/27/10		H/J	SW8260
Bromochloromethane	ND	440	ug/Kg	05/27/10		H/J	SW8260
Bromodichloromethane	ND	440	ug/Kg	05/27/10		H/J	SW8260
Bromoform	ND	440	ug/Kg	05/27/10		H/J	SW8260
Bromomethane	ND	440	ug/Kg	05/27/10		H/J	SW8260
Carbon Disulfide	ND	440	ug/Kg	05/27/10		H/J	SW8260
Carbon tetrachloride	ND	440	ug/Kg	05/27/10		H/J	SW8260
Chlorobenzene	ND	440	ug/Kg	05/27/10		H/J	SW8260
Chloroethane	ND	440	ug/Kg	05/27/10		H/J	SW8260
Chloroform	ND	440	ug/Kg	05/27/10		H/J	SW8260
Chloromethane	ND	440	ug/Kg	05/27/10		H/J	SW8260
cis-1,2-Dichloroethene	ND	440	ug/Kg	05/27/10		H/J	SW8260
cis-1,3-Dichloropropene	ND	440	ug/Kg	05/27/10		H/J	SW8260
Dibromochloromethane	ND	440	ug/Kg	05/27/10		H/J	SW8260
Dibromoethane	ND	440	ug/Kg	05/27/10		H/J	SW8260
Dibromomethane	ND	440	ug/Kg	05/27/10		H/J	SW8260
Dichlorodifluoromethane	ND	440	ug/Kg	05/27/10		H/J	SW8260
Ethylbenzene	ND	440	ug/Kg	05/27/10		H/J	SW8260
Hexachlorobutadiene	ND	440	ug/Kg	05/27/10		H/J	SW8260
Isopropylbenzene	ND	440	ug/Kg	05/27/10		H/J	SW8260
m&p-Xylene	ND	440	ug/Kg	05/27/10		H/J	SW8260
Methyl Ethyl Ketone	ND	2200	ug/Kg	05/27/10		H/J	SW8260
Methyl t-butyl ether (MTBE)	ND	880	ug/Kg	05/27/10		H/J	SW8260
Methylene chloride	ND	440	ug/Kg	05/27/10		H/J	SW8260
Naphthalene	ND	440	ug/Kg	05/27/10		H/J	SW8260
n-Butylbenzene	ND	440	ug/Kg	05/27/10		H/J	SW8260
n-Propylbenzene	ND	440	ug/Kg	05/27/10		H/J	SW8260
o-Xylene	ND	440	ug/Kg	05/27/10		H/J	SW8260
p-Isopropyltoluene	ND	440	ug/Kg	05/27/10		H/J	SW8260
sec-Butylbenzene	ND	440	ug/Kg	05/27/10		H/J	SW8260
Styrene	ND	440	ug/Kg	05/27/10		H/J	SW8260
tert-Butylbenzene	ND	440	ug/Kg	05/27/10		H/J	SW8260
Tetrachloroethene	ND	440	ug/Kg	05/27/10		H/J	SW8260
Tetrahydrofuran (THF)	ND	880	ug/Kg	05/27/10		H/J	SW8260
Toluene	ND	440	ug/Kg	05/27/10		H/J	SW8260
Total Xylenes	ND	440	ug/Kg	05/27/10		H/J	SW8260
trans-1,2-Dichloroethene	ND	440	ug/Kg	05/27/10		H/J	SW8260
trans-1,3-Dichloropropene	ND	440	ug/Kg	05/27/10		H/J	SW8260
trans-1,4-dichloro-2-butene	ND	880	ug/Kg	05/27/10		H/J	SW8260
Trichloroethene	ND	440	ug/Kg	05/27/10		H/J	SW8260
Trichlorofluoromethane	ND	440	ug/Kg	05/27/10		H/J	SW8260
Trichlorotrifluoroethane	ND	440	ug/Kg	05/27/10		H/J	SW8260
Vinyl chloride	ND	440	ug/Kg	05/27/10		H/J	SW8260
<u>QA/QC Surrogates</u>							
% 1,2-dichlorobenzene-d4	99		%	05/27/10		H/J	SW8260
% Bromofluorobenzene	92		%	05/27/10		H/J	SW8260

Parameter	Result	RL	Units	Date	Time	By	Reference
% Dibromofluoromethane	94		%	05/27/10		H/J	SW8260
% Toluene-d8	97		%	05/27/10		H/J	SW8260
<u>Semivolatiles</u>							
1,2,4,5-Tetrachlorobenzene	ND	410	ug/Kg	05/27/10		KCA	SW 8270
1,2,4-Trichlorobenzene	ND	410	ug/Kg	05/27/10		KCA	SW 8270
1,2-Dichlorobenzene	ND	410	ug/Kg	05/27/10		KCA	SW 8270
1,3-Dichlorobenzene	ND	410	ug/Kg	05/27/10		KCA	SW 8270
1,4-Dichlorobenzene	ND	410	ug/Kg	05/27/10		KCA	SW 8270
2,4,5-Trichlorophenol	ND	410	ug/Kg	05/27/10		KCA	SW 8270
2,4,6-Trichlorophenol	ND	410	ug/Kg	05/27/10		KCA	SW 8270
2,4-Dichlorophenol	ND	410	ug/Kg	05/27/10		KCA	SW 8270
2,4-Dimethylphenol	ND	410	ug/Kg	05/27/10		KCA	SW 8270
2,4-Dinitrophenol	ND	930	ug/Kg	05/27/10		KCA	SW 8270
2,4-Dinitrotoluene	ND	410	ug/Kg	05/27/10		KCA	SW 8270
2,6-Dinitrotoluene	ND	410	ug/Kg	05/27/10		KCA	SW 8270
2-Chloronaphthalene	ND	410	ug/Kg	05/27/10		KCA	SW 8270
2-Chlorophenol	ND	410	ug/Kg	05/27/10		KCA	SW 8270
2-Methylnaphthalene	ND	410	ug/Kg	05/27/10		KCA	SW 8270
2-Methylphenol (o-cresol)	ND	410	ug/Kg	05/27/10		KCA	SW 8270
2-Nitroaniline	ND	930	ug/Kg	05/27/10		KCA	SW 8270
2-Nitrophenol	ND	410	ug/Kg	05/27/10		KCA	SW 8270
3&4-Methylphenol (m&p-cresol)	7900	580	ug/Kg	05/27/10		KCA	SW 8270
3,3'-Dichlorobenzidine	ND	700	ug/Kg	05/27/10		KCA	SW 8270
3-Nitroaniline	ND	930	ug/Kg	05/27/10		KCA	SW 8270
4,6-Dinitro-2-methylphenol	ND	1700	ug/Kg	05/27/10		KCA	SW 8270
4-Bromophenyl phenyl ether	ND	580	ug/Kg	05/27/10		KCA	SW 8270
4-Chloro-3-methylphenol	ND	410	ug/Kg	05/27/10		KCA	SW 8270
4-Chloroaniline	ND	410	ug/Kg	05/27/10		KCA	SW 8270
4-Chlorophenyl phenyl ether	ND	410	ug/Kg	05/27/10		KCA	SW 8270
4-Nitroaniline	ND	930	ug/Kg	05/27/10		KCA	SW 8270
4-Nitrophenol	ND	1700	ug/Kg	05/27/10		KCA	SW 8270
Acenaphthene	ND	410	ug/Kg	05/27/10		KCA	SW 8270
Acenaphthylene	ND	410	ug/Kg	05/27/10		KCA	SW 8270
Acetophenone	ND	410	ug/Kg	05/27/10		KCA	SW 8270
Aniline	ND	1700	ug/Kg	05/27/10		KCA	SW 8270
Anthracene	ND	410	ug/Kg	05/27/10		KCA	SW 8270
Azobenzene	ND	580	ug/Kg	05/27/10		KCA	SW 8270
Benz(a)anthracene	ND	410	ug/Kg	05/27/10		KCA	SW 8270
Benzidine	ND	700	ug/Kg	05/27/10		KCA	SW 8270
Benzo(a)pyrene	ND	410	ug/Kg	05/27/10		KCA	SW 8270
Benzo(b)fluoranthene	ND	410	ug/Kg	05/27/10		KCA	SW 8270
Benzo(ghi)perylene	ND	410	ug/Kg	05/27/10		KCA	SW 8270
Benzo(k)fluoranthene	ND	410	ug/Kg	05/27/10		KCA	SW 8270
Benzoic acid	ND	1700	ug/Kg	05/27/10		KCA	SW 8270
Benzyl butyl phthalate	ND	410	ug/Kg	05/27/10		KCA	SW 8270
Bis(2-chloroethoxy)methane	ND	410	ug/Kg	05/27/10		KCA	SW 8270
Bis(2-chloroethyl)ether	ND	580	ug/Kg	05/27/10		KCA	SW 8270
Bis(2-chloroisopropyl)ether	ND	410	ug/Kg	05/27/10		KCA	SW 8270
Bis(2-ethylhexyl)phthalate	ND	410	ug/Kg	05/27/10		KCA	SW 8270

Parameter	Result	RL	Units	Date	Time	By	Reference
Carbazole	ND	1700	ug/Kg	05/27/10		KCA	SW 8270
Chrysene	ND	410	ug/Kg	05/27/10		KCA	SW 8270
Dibenz(a,h)anthracene	ND	410	ug/Kg	05/27/10		KCA	SW 8270
Dibenzofuran	ND	410	ug/Kg	05/27/10		KCA	SW 8270
Diethyl phthalate	ND	410	ug/Kg	05/27/10		KCA	SW 8270
Dimethylphthalate	ND	410	ug/Kg	05/27/10		KCA	SW 8270
Di-n-butylphthalate	ND	410	ug/Kg	05/27/10		KCA	SW 8270
Di-n-octylphthalate	ND	410	ug/Kg	05/27/10		KCA	SW 8270
Fluoranthene	ND	410	ug/Kg	05/27/10		KCA	SW 8270
Fluorene	ND	410	ug/Kg	05/27/10		KCA	SW 8270
Hexachlorobenzene	ND	410	ug/Kg	05/27/10		KCA	SW 8270
Hexachlorobutadiene	ND	410	ug/Kg	05/27/10		KCA	SW 8270
Hexachlorocyclopentadiene	ND	410	ug/Kg	05/27/10		KCA	SW 8270
Hexachloroethane	ND	410	ug/Kg	05/27/10		KCA	SW 8270
Indeno(1,2,3-cd)pyrene	ND	410	ug/Kg	05/27/10		KCA	SW 8270
Isophorone	ND	410	ug/Kg	05/27/10		KCA	SW 8270
Naphthalene	ND	410	ug/Kg	05/27/10		KCA	SW 8270
Nitrobenzene	ND	410	ug/Kg	05/27/10		KCA	SW 8270
N-Nitrosodimethylamine	ND	580	ug/Kg	05/27/10		KCA	SW 8270
N-Nitrosodi-n-propylamine	ND	410	ug/Kg	05/27/10		KCA	SW 8270
N-Nitrosodiphenylamine	ND	580	ug/Kg	05/27/10		KCA	SW 8270
Pentachloronitrobenzene	ND	580	ug/Kg	05/27/10		KCA	SW 8270
Pentachlorophenol	ND	580	ug/Kg	05/27/10		KCA	SW 8270
Phenanthrene	410	410	ug/Kg	05/27/10		KCA	SW 8270
Phenol	1100	410	ug/Kg	05/27/10		KCA	SW 8270
Pyrene	ND	410	ug/Kg	05/27/10		KCA	SW 8270
Pyridine	ND	580	ug/Kg	05/27/10		KCA	SW 8270
<u>QA/QC Surrogates</u>							
% 2,4,6-Tribromophenol	87		%	05/27/10		KCA	SW 8270
% 2-Fluorobiphenyl	53		%	05/27/10		KCA	SW 8270
% 2-Fluorophenol	78		%	05/27/10		KCA	SW 8270
% Nitrobenzene-d5	52		%	05/27/10		KCA	SW 8270
% Phenol-d5	78		%	05/27/10		KCA	SW 8270
% Terphenyl-d14	73		%	05/27/10		KCA	SW 8270

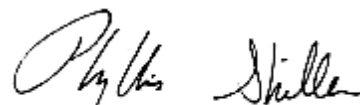
Comments:

Elevated reporting limits for volatiles due to dilution for sample matrix. Low-level sample was analyzed with poor internal standard response.

If there are any questions regarding this data, please call Phoenix Client Services at extension 200.

ND=Not detected BDL=Below Detection Level RL=Reporting Level

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Phyllis Shiller, Laboratory Director

June 04, 2010



Environmental Laboratories, Inc.
 587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045
 Tel. (860) 645-1102 Fax (860) 645-0823



Analysis Report

June 03, 2010

FOR: Attn: Mr. William Hertenrater
 AFI Environmental
 P.O. Box 4049
 Niagara Falls, NY 14304

Sample Information

Matrix: GROUND WATER
 Location Code: AFI-ENV
 Rush Request:
 P.O.#:

Custody Information

Collected by: EB
 Received by: LDF
 Analyzed by: see "By" below

Date

05/25/10
 05/26/10

Time

13:00
 11:18

Laboratory Data

SDG ID: GAZ08420
 Phoenix ID: AZ08423

Project ID: V1012 BABCOCK

Client ID: TP4 WATER

Parameter	Result	RL	Units	Date	Time	By	Reference
Semi-Volatile Extraction	Completed			05/26/10		O/E	SW3510/3520
<u>Volatiles</u>							
1,1,1,2-Tetrachloroethane	ND	1.0	ug/L	05/26/10		H/J	SW8260
1,1,1-Trichloroethane	1.8	1.0	ug/L	05/26/10		H/J	SW8260
1,1,2,2-Tetrachloroethane	ND	0.50	ug/L	05/26/10		H/J	SW8260
1,1,2-Trichloroethane	ND	1.0	ug/L	05/26/10		H/J	SW8260
1,1-Dichloroethane	27	20	ug/L	05/26/10		H/J	SW8260
1,1-Dichloroethene	ND	1.0	ug/L	05/26/10		H/J	SW8260
1,1-Dichloropropene	ND	1.0	ug/L	05/26/10		H/J	SW8260
1,2,3-Trichlorobenzene	ND	1.0	ug/L	05/26/10		H/J	SW8260
1,2,3-Trichloropropane	ND	1.0	ug/L	05/26/10		H/J	SW8260
1,2,4-Trichlorobenzene	ND	1.0	ug/L	05/26/10		H/J	SW8260
1,2,4-Trimethylbenzene	ND	1.0	ug/L	05/26/10		H/J	SW8260
1,2-Dibromo-3-chloropropane	ND	1.0	ug/L	05/26/10		H/J	SW8260
1,2-Dichlorobenzene	ND	1.0	ug/L	05/26/10		H/J	SW8260
1,2-Dichloroethane	ND	1.0	ug/L	05/26/10		H/J	SW8260
1,2-Dichloropropane	ND	1.0	ug/L	05/26/10		H/J	SW8260
1,3,5-Trimethylbenzene	ND	1.0	ug/L	05/26/10		H/J	SW8260
1,3-Dichlorobenzene	ND	1.0	ug/L	05/26/10		H/J	SW8260
1,3-Dichloropropane	ND	1.0	ug/L	05/26/10		H/J	SW8260
1,4-Dichlorobenzene	ND	1.0	ug/L	05/26/10		H/J	SW8260
2,2-Dichloropropane	ND	1.0	ug/L	05/26/10		H/J	SW8260
2-Chlorotoluene	ND	1.0	ug/L	05/26/10		H/J	SW8260
2-Hexanone	ND	5.0	ug/L	05/26/10		H/J	SW8260
2-Isopropyltoluene	ND	1.0	ug/L	05/26/10		H/J	SW8260
4-Chlorotoluene	ND	1.0	ug/L	05/26/10		H/J	SW8260
4-Methyl-2-pentanone	ND	5.0	ug/L	05/26/10		H/J	SW8260

Parameter	Result	RL	Units	Date	Time	By	Reference
Acetone	ND	25	ug/L	05/26/10		H/J	SW8260
Acrylonitrile	ND	5.0	ug/L	05/26/10		H/J	SW8260
Benzene	26	20	ug/L	05/26/10		H/J	SW8260
Bromobenzene	ND	1.0	ug/L	05/26/10		H/J	SW8260
Bromochloromethane	ND	1.0	ug/L	05/26/10		H/J	SW8260
Bromodichloromethane	ND	0.50	ug/L	05/26/10		H/J	SW8260
Bromoform	ND	1.0	ug/L	05/26/10		H/J	SW8260
Bromomethane	ND	1.0	ug/L	05/26/10		H/J	SW8260
Carbon Disulfide	ND	5.0	ug/L	05/26/10		H/J	SW8260
Carbon tetrachloride	ND	1.0	ug/L	05/26/10		H/J	SW8260
Chlorobenzene	ND	1.0	ug/L	05/26/10		H/J	SW8260
Chloroethane	ND	1.0	ug/L	05/26/10		H/J	SW8260
Chloroform	ND	1.0	ug/L	05/26/10		H/J	SW8260
Chloromethane	ND	1.0	ug/L	05/26/10		H/J	SW8260
cis-1,2-Dichloroethene	27	20	ug/L	05/26/10		H/J	SW8260
cis-1,3-Dichloropropene	ND	0.50	ug/L	05/26/10		H/J	SW8260
Dibromochloromethane	ND	0.50	ug/L	05/26/10		H/J	SW8260
Dibromoethane	ND	1.0	ug/L	05/26/10		H/J	SW8260
Dibromomethane	ND	1.0	ug/L	05/26/10		H/J	SW8260
Dichlorodifluoromethane	ND	1.0	ug/L	05/26/10		H/J	SW8260
Ethylbenzene	ND	1.0	ug/L	05/26/10		H/J	SW8260
Hexachlorobutadiene	ND	0.40	ug/L	05/26/10		H/J	SW8260
Isopropylbenzene	ND	1.0	ug/L	05/26/10		H/J	SW8260
m&p-Xylene	2.4	1.0	ug/L	05/26/10		H/J	SW8260
Methyl ethyl ketone	ND	5.0	ug/L	05/26/10		H/J	SW8260
Methyl t-butyl ether (MTBE)	300	20	ug/L	05/26/10		H/J	SW8260
Methylene chloride	ND	1.0	ug/L	05/26/10		H/J	SW8260
Naphthalene	ND	1.0	ug/L	05/26/10		H/J	SW8260
n-Butylbenzene	ND	1.0	ug/L	05/26/10		H/J	SW8260
n-Propylbenzene	ND	1.0	ug/L	05/26/10		H/J	SW8260
o-Xylene	1.7	1.0	ug/L	05/26/10		H/J	SW8260
p-Isopropyltoluene	ND	1.0	ug/L	05/26/10		H/J	SW8260
sec-Butylbenzene	ND	1.0	ug/L	05/26/10		H/J	SW8260
Styrene	ND	1.0	ug/L	05/26/10		H/J	SW8260
tert-Butylbenzene	ND	1.0	ug/L	05/26/10		H/J	SW8260
Tetrachloroethene	2.0	1.0	ug/L	05/26/10		H/J	SW8260
Tetrahydrofuran (THF)	ND	5.0	ug/L	05/26/10		H/J	SW8260
Toluene	26	20	ug/L	05/26/10		H/J	SW8260
Total Xylenes	4.1	1.0	ug/L	05/26/10		H/J	SW8260
trans-1,2-Dichloroethene	4.2	1.0	ug/L	05/26/10		H/J	SW8260
trans-1,3-Dichloropropene	ND	0.50	ug/L	05/26/10		H/J	SW8260
trans-1,4-dichloro-2-butene	ND	5.0	ug/L	05/26/10		H/J	SW8260
Trichloroethene	16	1.0	ug/L	05/26/10		H/J	SW8260
Trichlorofluoromethane	ND	1.0	ug/L	05/26/10		H/J	SW8260
Trichlorotrifluoroethane	ND	1.0	ug/L	05/26/10		H/J	SW8260
Vinyl chloride	43	1.0	ug/L	05/26/10		H/J	SW8260
<u>QA/QC Surrogates</u>							
% 1,2-dichlorobenzene-d4	102		%	05/26/10		H/J	SW8260
% Bromofluorobenzene	96		%	05/26/10		H/J	SW8260
% Dibromofluoromethane	104		%	05/26/10		H/J	SW8260

Parameter	Result	RL	Units	Date	Time	By	Reference
% Toluene-d8	106		%	05/26/10		H/J	SW8260
Semivolatiles							
1,2,4-Trichlorobenzene	ND	7.1	ug/L	05/28/10		KCA	SW 8270
1,2-Dichlorobenzene	ND	7.1	ug/L	05/28/10		KCA	SW 8270
1,3-Dichlorobenzene	ND	7.1	ug/L	05/28/10		KCA	SW 8270
1,4-Dichlorobenzene	ND	7.1	ug/L	05/28/10		KCA	SW 8270
2,4,5-Trichlorophenol	ND	14	ug/L	05/28/10		KCA	SW 8270
2,4,6-Trichlorophenol	ND	14	ug/L	05/28/10		KCA	SW 8270
2,4-Dichlorophenol	ND	14	ug/L	05/28/10		KCA	SW 8270
2,4-Dimethylphenol	ND	14	ug/L	05/28/10		KCA	SW 8270
2,4-Dinitrophenol	ND	71	ug/L	05/28/10		KCA	SW 8270
2,4-Dinitrotoluene	ND	7.1	ug/L	05/28/10		KCA	SW 8270
2,6-Dinitrotoluene	ND	7.1	ug/L	05/28/10		KCA	SW 8270
2-Chloronaphthalene	ND	7.1	ug/L	05/28/10		KCA	SW 8270
2-Chlorophenol	ND	14	ug/L	05/28/10		KCA	SW 8270
2-Methylnaphthalene	ND	7.1	ug/L	05/28/10		KCA	SW 8270
2-Methylphenol (o-cresol)	ND	14	ug/L	05/28/10		KCA	SW 8270
2-Nitroaniline	ND	71	ug/L	05/28/10		KCA	SW 8270
2-Nitrophenol	ND	14	ug/L	05/28/10		KCA	SW 8270
3&4-Methylphenol (m&p-cresol)	ND	14	ug/L	05/28/10		KCA	SW 8270
3,3'-Dichlorobenzidine	ND	71	ug/L	05/28/10		KCA	SW 8270
3-Nitroaniline	ND	71	ug/L	05/28/10		KCA	SW 8270
4,6-Dinitro-2-methylphenol	ND	71	ug/L	05/28/10		KCA	SW 8270
4-Bromophenyl phenyl ether	ND	7.1	ug/L	05/28/10		KCA	SW 8270
4-Chloro-3-methylphenol	ND	28	ug/L	05/28/10		KCA	SW 8270
4-Chloroaniline	ND	28	ug/L	05/28/10		KCA	SW 8270
4-Chlorophenyl phenyl ether	ND	7.1	ug/L	05/28/10		KCA	SW 8270
4-Nitroaniline	ND	28	ug/L	05/28/10		KCA	SW 8270
4-Nitrophenol	ND	71	ug/L	05/28/10		KCA	SW 8270
Acenaphthene	ND	7.1	ug/L	05/28/10		KCA	SW 8270
Acetophenone	ND	7.1	ug/L	05/28/10		KCA	SW 8270
Aniline	ND	14	ug/L	05/28/10		KCA	SW 8270
Anthracene	ND	7.1	ug/L	05/28/10		KCA	SW 8270
Azobenzene	ND	7.1	ug/L	05/28/10		KCA	SW 8270
Benzidine	ND	71	ug/L	05/28/10		KCA	SW 8270
Benzoic acid	ND	71	ug/L	05/28/10		KCA	SW 8270
Benzyl butyl phthalate	ND	7.1	ug/L	05/28/10		KCA	SW 8270
Bis(2-chloroethoxy)methane	ND	7.1	ug/L	05/28/10		KCA	SW 8270
Bis(2-chloroethyl)ether	ND	7.1	ug/L	05/28/10		KCA	SW 8270
Bis(2-chloroisopropyl)ether	ND	7.1	ug/L	05/28/10		KCA	SW 8270
Carbazole	ND	7.1	ug/L	05/28/10		KCA	SW 8270
Dibenzofuran	ND	7.1	ug/L	05/28/10		KCA	SW 8270
Diethyl phthalate	ND	7.1	ug/L	05/28/10		KCA	SW 8270
Dimethylphthalate	ND	7.1	ug/L	05/28/10		KCA	SW 8270
Di-n-butylphthalate	ND	7.1	ug/L	05/28/10		KCA	SW 8270
Di-n-octylphthalate	ND	7.1	ug/L	05/28/10		KCA	SW 8270
Fluoranthene	ND	7.1	ug/L	05/28/10		KCA	SW 8270
Fluorene	ND	7.1	ug/L	05/28/10		KCA	SW 8270
Hexachlorobutadiene	ND	7.1	ug/L	05/28/10		KCA	SW 8270

Parameter	Result	RL	Units	Date	Time	By	Reference
Hexachlorocyclopentadiene	ND	7.1	ug/L	05/28/10		KCA	SW 8270
Isophorone	ND	7.1	ug/L	05/28/10		KCA	SW 8270
Naphthalene	ND	7.1	ug/L	05/28/10		KCA	SW 8270
Nitrobenzene	ND	7.1	ug/L	05/28/10		KCA	SW 8270
N-Nitrosodimethylamine	ND	7.1	ug/L	05/28/10		KCA	SW 8270
N-Nitrosodi-n-propylamine	ND	7.1	ug/L	05/28/10		KCA	SW 8270
N-Nitrosodiphenylamine	ND	7.1	ug/L	05/28/10		KCA	SW 8270
Phenol	ND	14	ug/L	05/28/10		KCA	SW 8270
Pyrene	ND	7.1	ug/L	05/28/10		KCA	SW 8270
Pyridine	ND	7.1	ug/L	05/28/10		KCA	SW 8270
<u>QA/QC Surrogates</u>							
% 2,4,6-Tribromophenol	124		%	05/28/10		KCA	SW 8270
% 2-Fluorobiphenyl	70		%	05/28/10		KCA	SW 8270
% 2-Fluorophenol	71		%	05/28/10		KCA	SW 8270
% Nitrobenzene-d5	91		%	05/28/10		KCA	SW 8270
% Phenol-d5	73		%	05/28/10		KCA	SW 8270
% Terphenyl-d14	48		%	05/28/10		KCA	SW 8270
<u>Semivolatiles</u>							
1,2,4,5-Tetrachlorobenzene	ND	2.3	ug/L	05/28/10		KCA	SW8270 (SIM)
Acenaphthylene	ND	0.34	ug/L	05/28/10		KCA	SW8270 (SIM)
Benz(a)anthracene	0.25	0.057	ug/L	05/28/10		KCA	SW8270 (SIM)
Benzo(a)pyrene	0.24	0.23	ug/L	05/28/10		KCA	SW8270 (SIM)
Benzo(b)fluoranthene	0.29	0.091	ug/L	05/28/10		KCA	SW8270 (SIM)
Benzo(ghi)perylene	ND	4.3	ug/L	05/28/10		KCA	SW8270 (SIM)
Benzo(k)fluoranthene	ND	0.34	ug/L	05/28/10		KCA	SW8270 (SIM)
Bis(2-ethylhexyl)phthalate	ND	2.3	ug/L	05/28/10		KCA	SW8270 (SIM)
Chrysene	ND	2.3	ug/L	05/28/10		KCA	SW8270 (SIM)
Dibenz(a,h)anthracene	ND	0.28	ug/L	05/28/10		KCA	SW8270 (SIM)
Hexachlorobenzene	ND	0.086	ug/L	05/28/10		KCA	SW8270 (SIM)
Hexachloroethane	ND	3.4	ug/L	05/28/10		KCA	SW8270 (SIM)
Indeno(1,2,3-cd)pyrene	ND	0.28	ug/L	05/28/10		KCA	SW8270 (SIM)
Pentachloronitrobenzene	ND	0.14	ug/L	05/28/10		KCA	SW8270 (SIM)
Pentachlorophenol	ND	1.1	ug/L	05/28/10		KCA	SW8270 (SIM)
Phenanthrene	0.36	0.086	ug/L	05/28/10		KCA	SW8270 (SIM)
<u>QA/QC Surrogates</u>							
% 2,4,6-Tribromophenol	124		%	05/28/10		KCA	SW8270 (SIM)
% 2-Fluorobiphenyl	70		%	05/28/10		KCA	SW8270 (SIM)
% 2-Fluorophenol	71		%	05/28/10		KCA	SW8270 (SIM)
% Nitrobenzene-d5	91		%	05/28/10		KCA	SW8270 (SIM)
% Phenol-d5	73		%	05/28/10		KCA	SW8270 (SIM)
% Terphenyl-d14	48		%	05/28/10		KCA	SW8270 (SIM)

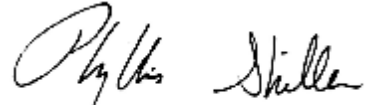
Parameter	Result	RL	Units	Date	Time	By	Reference
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Comments:

If there are any questions regarding this data, please call Phoenix Client Services at extension 200.

ND=Not detected BDL=Below Detection Level RL=Reporting Level

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Phyllis Shiller, Laboratory Director

June 04, 2010



Environmental Laboratories, Inc.
 587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045
 Tel. (860) 645-1102 Fax (860) 645-0823

Analysis Report

June 03, 2010

FOR: Attn: Mr. William Hertenrater
 AFI Environmental
 P.O. Box 4049
 Niagara Falls, NY 14304

Sample Information

Matrix: SOIL
 Location Code: AFI-ENV
 Rush Request:
 P.O.#:

Custody Information

Collected by: EB
 Received by: LDF
 Analyzed by: see "By" below

Date Time
 05/25/10 13:14
 05/26/10 11:18

Laboratory Data

SDG ID: GAZ08420
 Phoenix ID: AZ08424

Project ID: V1012 BABCOCK
 Client ID: TP7 4-8

Parameter	Result	RL	Units	Date	Time	By	Reference
Arsenic	8.3	0.7	mg/Kg	05/27/10		EK	SW6010
Barium	205	0.36	mg/Kg	05/27/10		EK	SW6010
Cadmium	0.45	0.36	mg/Kg	05/27/10		EK	SW6010
Chromium	25.1	0.36	mg/Kg	05/27/10		EK	SW6010
Lead	24.0	0.36	mg/Kg	05/27/10		EK	SW6010
Mercury	< 0.08	0.08	mg/Kg	05/27/10		RS	SW-7471
Selenium	< 1.4	1.4	mg/Kg	05/27/10		EK	SW6010
Silver	< 0.36	0.36	mg/Kg	05/27/10		EK	SW6010
Percent Solid	85		%	05/26/10		M/JL	E160.3
Soil Extraction for PCB	Completed			05/26/10		BB/D	SW3545
Soil Extraction for SVOA	Completed			05/26/10		QS/D	SW3545
Mercury Digestion	Completed			05/27/10		E	SW7471
Total Metals Digest	Completed			05/26/10		C/AG	SW846 - 3050

Volatiles

1,1,1,2-Tetrachloroethane	ND	5.9	ug/Kg	05/27/10		H/J	SW8260
1,1,1-Trichloroethane	ND	5.9	ug/Kg	05/27/10		H/J	SW8260
1,1,2,2-Tetrachloroethane	ND	5.9	ug/Kg	05/27/10		H/J	SW8260
1,1,2-Trichloroethane	ND	5.9	ug/Kg	05/27/10		H/J	SW8260
1,1-Dichloroethane	ND	5.9	ug/Kg	05/27/10		H/J	SW8260
1,1-Dichloroethene	ND	5.9	ug/Kg	05/27/10		H/J	SW8260
1,1-Dichloropropene	ND	5.9	ug/Kg	05/27/10		H/J	SW8260
1,2,3-Trichlorobenzene	ND	5.9	ug/Kg	05/27/10		H/J	SW8260
1,2,3-Trichloropropane	ND	5.9	ug/Kg	05/27/10		H/J	SW8260
1,2,4-Trichlorobenzene	ND	5.9	ug/Kg	05/27/10		H/J	SW8260
1,2,4-Trimethylbenzene	ND	5.9	ug/Kg	05/27/10		H/J	SW8260
1,2-Dibromo-3-chloropropane	ND	5.9	ug/Kg	05/27/10		H/J	SW8260
1,2-Dichlorobenzene	ND	5.9	ug/Kg	05/27/10		H/J	SW8260

Parameter	Result	RL	Units	Date	Time	By	Reference
1,2-Dichloroethane	ND	5.9	ug/Kg	05/27/10		H/J	SW8260
1,2-Dichloropropane	ND	5.9	ug/Kg	05/27/10		H/J	SW8260
1,3,5-Trimethylbenzene	ND	5.9	ug/Kg	05/27/10		H/J	SW8260
1,3-Dichlorobenzene	ND	5.9	ug/Kg	05/27/10		H/J	SW8260
1,3-Dichloropropane	ND	5.9	ug/Kg	05/27/10		H/J	SW8260
1,4-Dichlorobenzene	ND	5.9	ug/Kg	05/27/10		H/J	SW8260
2,2-Dichloropropane	ND	5.9	ug/Kg	05/27/10		H/J	SW8260
2-Chlorotoluene	ND	5.9	ug/Kg	05/27/10		H/J	SW8260
2-Hexanone	ND	29	ug/Kg	05/27/10		H/J	SW8260
2-Isopropyltoluene	ND	5.9	ug/Kg	05/27/10		H/J	SW8260
4-Chlorotoluene	ND	5.9	ug/Kg	05/27/10		H/J	SW8260
4-Methyl-2-pentanone	ND	29	ug/Kg	05/27/10		H/J	SW8260
Acetone	ND	29	ug/Kg	05/27/10		H/J	SW8260
Acrylonitrile	ND	12	ug/Kg	05/27/10		H/J	SW8260
Benzene	ND	5.9	ug/Kg	05/27/10		H/J	SW8260
Bromobenzene	ND	5.9	ug/Kg	05/27/10		H/J	SW8260
Bromochloromethane	ND	5.9	ug/Kg	05/27/10		H/J	SW8260
Bromodichloromethane	ND	5.9	ug/Kg	05/27/10		H/J	SW8260
Bromoform	ND	5.9	ug/Kg	05/27/10		H/J	SW8260
Bromomethane	ND	5.9	ug/Kg	05/27/10		H/J	SW8260
Carbon Disulfide	ND	5.9	ug/Kg	05/27/10		H/J	SW8260
Carbon tetrachloride	ND	5.9	ug/Kg	05/27/10		H/J	SW8260
Chlorobenzene	ND	5.9	ug/Kg	05/27/10		H/J	SW8260
Chloroethane	ND	5.9	ug/Kg	05/27/10		H/J	SW8260
Chloroform	ND	5.9	ug/Kg	05/27/10		H/J	SW8260
Chloromethane	ND	5.9	ug/Kg	05/27/10		H/J	SW8260
cis-1,2-Dichloroethene	ND	5.9	ug/Kg	05/27/10		H/J	SW8260
cis-1,3-Dichloropropene	ND	5.9	ug/Kg	05/27/10		H/J	SW8260
Dibromochloromethane	ND	5.9	ug/Kg	05/27/10		H/J	SW8260
Dibromoethane	ND	5.9	ug/Kg	05/27/10		H/J	SW8260
Dibromomethane	ND	5.9	ug/Kg	05/27/10		H/J	SW8260
Dichlorodifluoromethane	ND	5.9	ug/Kg	05/27/10		H/J	SW8260
Ethylbenzene	ND	5.9	ug/Kg	05/27/10		H/J	SW8260
Hexachlorobutadiene	ND	5.9	ug/Kg	05/27/10		H/J	SW8260
Isopropylbenzene	ND	5.9	ug/Kg	05/27/10		H/J	SW8260
m&p-Xylene	ND	5.9	ug/Kg	05/27/10		H/J	SW8260
Methyl Ethyl Ketone	ND	29	ug/Kg	05/27/10		H/J	SW8260
Methyl t-butyl ether (MTBE)	ND	12	ug/Kg	05/27/10		H/J	SW8260
Methylene chloride	ND	5.9	ug/Kg	05/27/10		H/J	SW8260
Naphthalene	ND	5.9	ug/Kg	05/27/10		H/J	SW8260
n-Butylbenzene	ND	5.9	ug/Kg	05/27/10		H/J	SW8260
n-Propylbenzene	ND	5.9	ug/Kg	05/27/10		H/J	SW8260
o-Xylene	ND	5.9	ug/Kg	05/27/10		H/J	SW8260
p-Isopropyltoluene	ND	5.9	ug/Kg	05/27/10		H/J	SW8260
sec-Butylbenzene	ND	5.9	ug/Kg	05/27/10		H/J	SW8260
Styrene	ND	5.9	ug/Kg	05/27/10		H/J	SW8260
tert-Butylbenzene	ND	5.9	ug/Kg	05/27/10		H/J	SW8260
Tetrachloroethene	ND	5.9	ug/Kg	05/27/10		H/J	SW8260
Tetrahydrofuran (THF)	ND	12	ug/Kg	05/27/10		H/J	SW8260
Toluene	ND	5.9	ug/Kg	05/27/10		H/J	SW8260

Parameter	Result	RL	Units	Date	Time	By	Reference
Total Xylenes	ND	5.9	ug/Kg	05/27/10		H/J	SW8260
trans-1,2-Dichloroethene	ND	5.9	ug/Kg	05/27/10		H/J	SW8260
trans-1,3-Dichloropropene	ND	5.9	ug/Kg	05/27/10		H/J	SW8260
trans-1,4-dichloro-2-butene	ND	12	ug/Kg	05/27/10		H/J	SW8260
Trichloroethene	ND	5.9	ug/Kg	05/27/10		H/J	SW8260
Trichlorofluoromethane	ND	5.9	ug/Kg	05/27/10		H/J	SW8260
Trichlorotrifluoroethane	ND	5.9	ug/Kg	05/27/10		H/J	SW8260
Vinyl chloride	ND	5.9	ug/Kg	05/27/10		H/J	SW8260
<u>QA/QC Surrogates</u>							
% 1,2-dichlorobenzene-d4	100		%	05/27/10		H/J	SW8260
% Bromofluorobenzene	88		%	05/27/10		H/J	SW8260
% Dibromofluoromethane	102		%	05/27/10		H/J	SW8260
% Toluene-d8	96		%	05/27/10		H/J	SW8260
<u>Semivolatiles</u>							
1,2,4,5-Tetrachlorobenzene	ND	270	ug/Kg	05/27/10		KCA	SW 8270
1,2,4-Trichlorobenzene	ND	270	ug/Kg	05/27/10		KCA	SW 8270
1,2-Dichlorobenzene	ND	270	ug/Kg	05/27/10		KCA	SW 8270
1,3-Dichlorobenzene	ND	270	ug/Kg	05/27/10		KCA	SW 8270
1,4-Dichlorobenzene	ND	270	ug/Kg	05/27/10		KCA	SW 8270
2,4,5-Trichlorophenol	ND	270	ug/Kg	05/27/10		KCA	SW 8270
2,4,6-Trichlorophenol	ND	270	ug/Kg	05/27/10		KCA	SW 8270
2,4-Dichlorophenol	ND	270	ug/Kg	05/27/10		KCA	SW 8270
2,4-Dimethylphenol	ND	270	ug/Kg	05/27/10		KCA	SW 8270
2,4-Dinitrophenol	ND	620	ug/Kg	05/27/10		KCA	SW 8270
2,4-Dinitrotoluene	ND	270	ug/Kg	05/27/10		KCA	SW 8270
2,6-Dinitrotoluene	ND	270	ug/Kg	05/27/10		KCA	SW 8270
2-Chloronaphthalene	ND	270	ug/Kg	05/27/10		KCA	SW 8270
2-Chlorophenol	ND	270	ug/Kg	05/27/10		KCA	SW 8270
2-Methylnaphthalene	ND	270	ug/Kg	05/27/10		KCA	SW 8270
2-Methylphenol (o-cresol)	ND	270	ug/Kg	05/27/10		KCA	SW 8270
2-Nitroaniline	ND	620	ug/Kg	05/27/10		KCA	SW 8270
2-Nitrophenol	ND	270	ug/Kg	05/27/10		KCA	SW 8270
3&4-Methylphenol (m&p-cresol)	ND	390	ug/Kg	05/27/10		KCA	SW 8270
3,3'-Dichlorobenzidine	ND	470	ug/Kg	05/27/10		KCA	SW 8270
3-Nitroaniline	ND	620	ug/Kg	05/27/10		KCA	SW 8270
4,6-Dinitro-2-methylphenol	ND	1100	ug/Kg	05/27/10		KCA	SW 8270
4-Bromophenyl phenyl ether	ND	390	ug/Kg	05/27/10		KCA	SW 8270
4-Chloro-3-methylphenol	ND	270	ug/Kg	05/27/10		KCA	SW 8270
4-Chloroaniline	ND	270	ug/Kg	05/27/10		KCA	SW 8270
4-Chlorophenyl phenyl ether	ND	270	ug/Kg	05/27/10		KCA	SW 8270
4-Nitroaniline	ND	620	ug/Kg	05/27/10		KCA	SW 8270
4-Nitrophenol	ND	1100	ug/Kg	05/27/10		KCA	SW 8270
Acenaphthene	ND	270	ug/Kg	05/27/10		KCA	SW 8270
Acenaphthylene	ND	270	ug/Kg	05/27/10		KCA	SW 8270
Acetophenone	ND	270	ug/Kg	05/27/10		KCA	SW 8270
Aniline	ND	1100	ug/Kg	05/27/10		KCA	SW 8270
Anthracene	ND	270	ug/Kg	05/27/10		KCA	SW 8270
Azobenzene	ND	390	ug/Kg	05/27/10		KCA	SW 8270
Benz(a)anthracene	ND	270	ug/Kg	05/27/10		KCA	SW 8270

Parameter	Result	RL	Units	Date	Time	By	Reference
Benzidine	ND	470	ug/Kg	05/27/10		KCA	SW 8270
Benzo(a)pyrene	ND	270	ug/Kg	05/27/10		KCA	SW 8270
Benzo(b)fluoranthene	ND	270	ug/Kg	05/27/10		KCA	SW 8270
Benzo(ghi)perylene	ND	270	ug/Kg	05/27/10		KCA	SW 8270
Benzo(k)fluoranthene	ND	270	ug/Kg	05/27/10		KCA	SW 8270
Benzoic acid	ND	1100	ug/Kg	05/27/10		KCA	SW 8270
Benzyl butyl phthalate	ND	270	ug/Kg	05/27/10		KCA	SW 8270
Bis(2-chloroethoxy)methane	ND	270	ug/Kg	05/27/10		KCA	SW 8270
Bis(2-chloroethyl)ether	ND	390	ug/Kg	05/27/10		KCA	SW 8270
Bis(2-chloroisopropyl)ether	ND	270	ug/Kg	05/27/10		KCA	SW 8270
Bis(2-ethylhexyl)phthalate	ND	270	ug/Kg	05/27/10		KCA	SW 8270
Carbazole	ND	1100	ug/Kg	05/27/10		KCA	SW 8270
Chrysene	ND	270	ug/Kg	05/27/10		KCA	SW 8270
Dibenz(a,h)anthracene	ND	270	ug/Kg	05/27/10		KCA	SW 8270
Dibenzofuran	ND	270	ug/Kg	05/27/10		KCA	SW 8270
Diethyl phthalate	ND	270	ug/Kg	05/27/10		KCA	SW 8270
Dimethylphthalate	ND	270	ug/Kg	05/27/10		KCA	SW 8270
Di-n-butylphthalate	ND	270	ug/Kg	05/27/10		KCA	SW 8270
Di-n-octylphthalate	ND	270	ug/Kg	05/27/10		KCA	SW 8270
Fluoranthene	ND	270	ug/Kg	05/27/10		KCA	SW 8270
Fluorene	ND	270	ug/Kg	05/27/10		KCA	SW 8270
Hexachlorobenzene	ND	270	ug/Kg	05/27/10		KCA	SW 8270
Hexachlorobutadiene	ND	270	ug/Kg	05/27/10		KCA	SW 8270
Hexachlorocyclopentadiene	ND	270	ug/Kg	05/27/10		KCA	SW 8270
Hexachloroethane	ND	270	ug/Kg	05/27/10		KCA	SW 8270
Indeno(1,2,3-cd)pyrene	ND	270	ug/Kg	05/27/10		KCA	SW 8270
Isophorone	ND	270	ug/Kg	05/27/10		KCA	SW 8270
Naphthalene	ND	270	ug/Kg	05/27/10		KCA	SW 8270
Nitrobenzene	ND	270	ug/Kg	05/27/10		KCA	SW 8270
N-Nitrosodimethylamine	ND	390	ug/Kg	05/27/10		KCA	SW 8270
N-Nitrosodi-n-propylamine	ND	270	ug/Kg	05/27/10		KCA	SW 8270
N-Nitrosodiphenylamine	ND	390	ug/Kg	05/27/10		KCA	SW 8270
Pentachloronitrobenzene	ND	390	ug/Kg	05/27/10		KCA	SW 8270
Pentachlorophenol	ND	390	ug/Kg	05/27/10		KCA	SW 8270
Phenanthrene	ND	270	ug/Kg	05/27/10		KCA	SW 8270
Phenol	ND	270	ug/Kg	05/27/10		KCA	SW 8270
Pyrene	ND	270	ug/Kg	05/27/10		KCA	SW 8270
Pyridine	ND	390	ug/Kg	05/27/10		KCA	SW 8270
<u>QA/QC Surrogates</u>							
% 2,4,6-Tribromophenol	75		%	05/27/10		KCA	SW 8270
% 2-Fluorobiphenyl	64		%	05/27/10		KCA	SW 8270
% 2-Fluorophenol	67		%	05/27/10		KCA	SW 8270
% Nitrobenzene-d5	54		%	05/27/10		KCA	SW 8270
% Phenol-d5	71		%	05/27/10		KCA	SW 8270
% Terphenyl-d14	89		%	05/27/10		KCA	SW 8270
<u>Polychlorinated Biphenyls</u>							
PCB-1016	ND	390	ug/Kg	05/27/10		MH	SW 8082
PCB-1221	ND	390	ug/Kg	05/27/10		MH	SW 8082
PCB-1232	ND	390	ug/Kg	05/27/10		MH	SW 8082

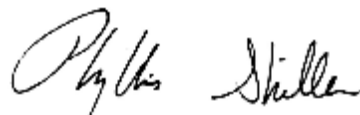
Parameter	Result	RL	Units	Date	Time	By	Reference
PCB-1242	ND	390	ug/Kg	05/27/10		MH	SW 8082
PCB-1248	ND	390	ug/Kg	05/27/10		MH	SW 8082
PCB-1254	ND	390	ug/Kg	05/27/10		MH	SW 8082
PCB-1260	ND	390	ug/Kg	05/27/10		MH	SW 8082
PCB-1262	ND	390	ug/Kg	05/27/10		MH	SW 8082
PCB-1268	ND	390	ug/Kg	05/27/10		MH	SW 8082
<u>QA/OC Surrogates</u>							
% DCBP	83		%	05/27/10		MH	SW 8082
% TCMX	83		%	05/27/10		MH	SW 8082

Comments:

If there are any questions regarding this data, please call Phoenix Client Services at extension 200.

ND=Not detected BDL=Below Detection Level RL=Reporting Level

This report must not be reproduced except in full as defined by the attached chain of custody.



Phyllis Shiller, Laboratory Director

June 04, 2010



Environmental Laboratories, Inc.
 587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045
 Tel. (860) 645-1102 Fax (860) 645-0823



QA/QC Report

June 04, 2010

QA/QC Data

SDG I.D.: GAZ08420

Parameter	Blank	Dup RPD	LCS %	LCSD %	LCS RPD	MS Rec %	MS Dup Rec %	RPD
QA/QC Batch 154112, QC Sample No: AZ08331 (AZ08421)								
<u>ICP Metals - Soil</u>								
Arsenic	BDL	8.00	85.8	98.7	14.0	90.6	105	14.7
Barium	BDL	2.80	87.4	103	16.4	115	>130	NC 3
Cadmium	BDL	NC	96.1	109	12.6	89.6	102	12.9
Chromium	BDL	0.80	96.8	107	10.0	96.1	129	29.2 3
Lead	BDL	1.90	86.4	98.3	12.9	95.6	113	16.7
Selenium	BDL	NC	89.7	101	11.9	84.7	96.1	12.6
Silver	BDL	NC	85.3	99.8	15.7	97.1	108	10.6
QA/QC Batch 154111, QC Sample No: AZ08424 (AZ08424)								
<u>ICP Metals - Soil</u>								
Arsenic	BDL	2.10	94.2	75.5	22.0	87.6	94.8	7.9
Barium	BDL	31.8	96.3	81.1	17.1	>130	121	NC 3
Cadmium	BDL	NC	98.4	77.8	23.4	89.6	95.2	6.1
Chromium	BDL	4.40	101	83.1	19.4	96.6	107	10.2
Lead	BDL	30.5	96.4	77.1	22.2	86.6	93.9	8.1
Selenium	BDL	NC	91.2	79.8	13.3	80.8	85.3	5.4
Silver	BDL	NC	96.8	80.3	18.6	89.3	95.2	6.4
QA/QC Batch 154160, QC Sample No: AZ08579 (AZ08421, AZ08424)								
Mercury	BDL	NC	99.3	94.2	5.3	108	93.6	14.3

3 = This parameter is outside laboratory ms/msd specified limits.



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QA/QC Report

June 04, 2010

QA/QC Data

SDG I.D.: GAZ08420

Parameter	Blank	LCS %	LCSD %	LCS RPD	MS Rec %	MS Dup Rec %	RPD
QA/QC Batch 154033, QC Sample No: AZ08180 (AZ08421, AZ08424)							
<u>Polychlorinated Biphenyls</u>							
PCB-1016	ND	90	92	2.2	97	68	35.2
PCB-1221	ND						
PCB-1232	ND						
PCB-1242	ND						
PCB-1248	ND						
PCB-1254	ND						
PCB-1260	ND	88	103	15.7	123	110	11.2
PCB-1262	ND						
PCB-1268	ND						
% DCBP (Surrogate Rec)	77	76	84	10.0	101	78	25.7
% TCMX (Surrogate Rec)	82	78	77	1.3	79	65	19.4

QA/QC Batch 154043, QC Sample No: AZ08180 (AZ08420, AZ08421, AZ08422, AZ08424)

Semivolatiles

1,2,4,5-Tetrachlorobenzene	ND	78	78	0.0	56	62	10.2
1,2,4-Trichlorobenzene	ND	71	71	0.0	52	56	7.4
1,2-Dichlorobenzene	ND	68	68	0.0	50	53	5.8
1,3-Dichlorobenzene	ND	67	67	0.0	50	52	3.9
1,4-Dichlorobenzene	ND	70	71	1.4	52	54	3.8
2,4,5-Trichlorophenol	ND	82	83	1.2	60	66	9.5
2,4,6-Trichlorophenol	ND	78	79	1.3	56	62	10.2
2,4-Dichlorophenol	ND	83	83	0.0	61	66	7.9
2,4-Dimethylphenol	ND	43	44	2.3	23	27	16.0
2,4-Dinitrophenol	ND	24	41	52.3	NC	NC	NC
2,4-Dinitrotoluene	ND	79	80	1.3	47	51	8.2
2,6-Dinitrotoluene	ND	75	75	0.0	48	53	9.9
2-Chloronaphthalene	ND	76	76	0.0	54	58	7.1
2-Chlorophenol	ND	67	68	1.5	51	56	9.3
2-Methylnaphthalene	ND	72	73	1.4	70	76	8.2
2-Methylphenol (o-cresol)	ND	66	67	1.5	44	48	8.7
2-Nitroaniline	ND	121	>130	NC	88	99	11.8
2-Nitrophenol	ND	76	77	1.3	48	49	2.1
3&4-Methylphenol (m&p-cresol)	ND	76	77	1.3	49	54	9.7
3,3'-Dichlorobenzidine	ND	N/A	N/A	NC	N/A	N/A	NC
3-Nitroaniline	ND	>130	>130	NC	89	106	17.4
4,6-Dinitro-2-methylphenol	ND	63	78	21.3	NC	NC	NC
4-Bromophenyl phenyl ether	ND	92	90	2.2	60	67	11.0
4-Chloro-3-methylphenol	ND	78	79	1.3	56	64	13.3
4-Chloroaniline	ND	82	84	2.4	25	25	0.0
4-Chlorophenyl phenyl ether	ND	82	83	1.2	58	64	9.8
4-Nitroaniline	ND	76	78	2.6	53	58	9.0

QA/QC Data

SDG I.D.: GAZ08420

Parameter	Blank	LCS %	LCSD %	LCS RPD	MS Rec %	MS Dup Rec %	RPD
4-Nitrophenol	ND	73	79	7.9	54	55	1.8
Acenaphthene	ND	74	76	2.7	53	58	9.0
Acenaphthylene	ND	72	74	2.7	60	68	12.5
Acetophenone	ND	72	72	0.0	55	58	5.3
Aniline	ND	N/A	N/A	NC	N/A	N/A	NC
Anthracene	ND	87	86	1.2	66	75	12.8
Azobenzene	ND	71	72	1.4	52	56	7.4
Benz(a)anthracene	ND	74	73	1.4	71	89	22.5
Benzidine	ND	N/A	N/A	NC	N/A	N/A	NC
Benzo(a)pyrene	ND	79	80	1.3	73	90	20.9
Benzo(b)fluoranthene	ND	79	79	0.0	50	78	43.8
Benzo(ghi)perylene	ND	80	75	6.5	45	48	6.5
Benzo(k)fluoranthene	ND	78	80	2.5	30	42	33.3
Benzoic acid	ND	N/A	N/A	NC	N/A	N/A	NC
Benzyl butyl phthalate	ND	79	73	7.9	53	58	9.0
Bis(2-chloroethoxy)methane	ND	68	68	0.0	51	54	5.7
Bis(2-chloroethyl)ether	ND	62	63	1.6	48	52	8.0
Bis(2-chloroisopropyl)ether	ND	57	58	1.7	44	47	6.6
Bis(2-ethylhexyl)phthalate	ND	82	75	8.9	54	60	10.5
Carbazole	ND	59	66	11.2	59	67	12.7
Chrysene	ND	76	76	0.0	48	66	31.6
Dibenz(a,h)anthracene	ND	92	89	3.3	46	49	6.3
Dibenzofuran	ND	75	76	1.3	58	65	11.4
Diethyl phthalate	ND	79	79	0.0	55	61	10.3
Dimethylphthalate	ND	79	79	0.0	56	62	10.2
Di-n-butylphthalate	ND	79	79	0.0	55	61	10.3
Di-n-octylphthalate	ND	79	74	6.5	53	58	9.0
Fluoranthene	ND	82	82	0.0	44	82	60.3
Fluorene	ND	80	81	1.2	59	66	11.2
Hexachlorobenzene	ND	62	62	0.0	38	41	7.6
Hexachlorobutadiene	ND	74	75	1.3	55	59	7.0
Hexachlorocyclopentadiene	ND	60	66	9.5	NC	NC	NC
Hexachloroethane	ND	63	64	1.6	39	40	2.5
Indeno(1,2,3-cd)pyrene	ND	86	82	4.8	50	56	11.3
Isophorone	ND	65	65	0.0	49	53	7.8
Naphthalene	ND	72	72	0.0	65	69	6.0
Nitrobenzene	ND	64	64	0.0	49	53	7.8
N-Nitrosodimethylamine	ND	62	61	1.6	42	46	9.1
N-Nitrosodi-n-propylamine	ND	74	73	1.4	49	54	9.7
N-Nitrosodiphenylamine	ND	87	90	3.4	64	70	9.0
Pentachloronitrobenzene	ND	82	82	0.0	49	53	7.8
Pentachlorophenol	ND	45	50	10.5	40	45	11.8
Phenanthrene	ND	78	77	1.3	46	67	37.2
Phenol	ND	72	73	1.4	52	56	7.4
Pyrene	ND	79	80	1.3	48	79	48.8
Pyridine	ND	62	61	1.6	39	41	5.0
% 2,4,6-Tribromophenol	54	73	72	1.4	51	58	12.8
% 2-Fluorobiphenyl	58	69	70	1.4	49	54	9.7
% 2-Fluorophenol	63	66	68	3.0	50	55	9.5
% Nitrobenzene-d5	46	52	53	1.9	39	42	7.4
% Phenol-d5	60	69	70	1.4	50	55	9.5
% Terphenyl-d14	56	71	72	1.4	48	54	11.8

QA/QC Data

SDG I.D.: GAZ08420

Parameter	Blank	LCS %	LCSD %	LCS RPD	MS Rec %	MS Dup Rec %	RPD	
QA/QC Batch 154227, QC Sample No: AZ08406 (AZ08420, AZ08421, AZ08422, AZ08424)								
<u>Volatiles</u>								
1,1,1,2-Tetrachloroethane	ND	100	91	9.4	82	87	5.9	
1,1,1-Trichloroethane	ND	104	97	7.0	97	96	1.0	
1,1,2,2-Tetrachloroethane	ND	105	107	1.9	146	>150	NC	3
1,1,2-Trichloroethane	ND	109	101	7.6	86	96	11.0	
1,1-Dichloroethane	ND	102	98	4.0	102	99	3.0	
1,1-Dichloroethene	ND	82	82	0.0	103	93	10.2	
1,1-Dichloropropene	ND	104	95	9.0	95	95	0.0	
1,2,3-Trichlorobenzene	ND	137	101	30.3	<40	58	NC	3
1,2,3-Trichloropropane	ND	122	106	14.0	123	136	10.0	3
1,2,4-Trichlorobenzene	ND	121	106	13.2	41	63	42.3	3
1,2,4-Trimethylbenzene	ND	113	103	9.3	94	113	18.4	
1,2-Dibromo-3-chloropropane	ND	101	99	2.0	79	88	10.8	
1,2-Dichlorobenzene	ND	107	101	5.8	80	87	8.4	
1,2-Dichloroethane	ND	106	99	6.8	87	98	11.9	
1,2-Dichloropropane	ND	108	99	8.7	89	99	10.6	
1,3,5-Trimethylbenzene	ND	115	101	13.0	107	120	11.5	
1,3-Dichlorobenzene	ND	115	107	7.2	92	99	7.3	
1,3-Dichloropropane	ND	117	105	10.8	99	107	7.8	
1,4-Dichlorobenzene	ND	115	108	6.3	90	97	7.5	
2,2-Dichloropropane	ND	98	90	8.5	88	91	3.4	
2-Chlorotoluene	ND	115	105	9.1	114	121	6.0	
2-Hexanone	ND	102	88	14.7	<40	<40	NC	
2-Isopropyltoluene	ND	111	97	13.5	99	107	7.8	
4-Chlorotoluene	ND	139	126	9.8	125	136	8.4	2,3
4-Methyl-2-pentanone	ND	105	99	5.9	40	61	41.6	
Acetone	ND	108	113	4.5	53	<40	NC	
Acrylonitrile	ND	97	97	0.0	<40	46	NC	
Benzene	ND	105	95	10.0	86	99	14.1	
Bromobenzene	ND	115	105	9.1	107	114	6.3	
Bromochloromethane	ND	110	111	0.9	107	101	5.8	
Bromodichloromethane	ND	101	96	5.1	79	86	8.5	
Bromoform	ND	84	80	4.9	54	59	8.8	3
Bromomethane	ND	92	90	2.2	46	56	19.6	3
Carbon Disulfide	ND	90	89	1.1	74	63	16.1	
Carbon tetrachloride	ND	87	78	10.9	66	80	19.2	3
Chlorobenzene	ND	116	105	10.0	94	96	2.1	
Chloroethane	ND	97	104	7.0	108	97	10.7	
Chloroform	ND	108	101	6.7	103	103	0.0	
Chloromethane	ND	88	79	10.8	75	78	3.9	
cis-1,2-Dichloroethene	ND	106	98	7.8	101	98	3.0	
cis-1,3-Dichloropropene	ND	105	99	5.9	58	70	18.8	3
Dibromochloromethane	ND	96	90	6.5	74	81	9.0	
Dibromoethane	ND	113	107	5.5	80	88	9.5	
Dibromomethane	ND	110	101	8.5	88	98	10.8	
Dichlorodifluoromethane	ND	102	95	7.1	88	82	7.1	
Ethylbenzene	ND	114	102	11.1	97	100	3.0	
Hexachlorobutadiene	ND	131	84	43.7	42	78	60.0	3
Isopropylbenzene	ND	106	94	12.0	130	131	0.8	3
m&p-Xylene	ND	117	104	11.8	90	101	11.5	
Methyl ethyl ketone	ND	124	114	8.4	<40	<40	NC	

QA/QC Data

SDG I.D.: GAZ08420

Parameter	Blank	LCS %	LCSD %	LCS RPD	MS Rec %	MS Dup Rec %	RPD	
Methyl t-butyl ether (MTBE)	ND	98	74	27.9	<40	95	NC	3
Methylene chloride	ND	89	89	0.0	95	88	7.7	
Naphthalene	ND	138	105	27.2	<40	53	NC	3
n-Butylbenzene	ND	112	101	10.3	90	93	3.3	
n-Propylbenzene	ND	112	103	8.4	124	120	3.3	
o-Xylene	ND	113	100	12.2	85	95	11.1	
p-Isopropyltoluene	ND	114	102	11.1	80	82	2.5	
sec-Butylbenzene	ND	112	99	12.3	113	109	3.6	
Styrene	ND	113	103	9.3	42	75	56.4	3
tert-Butylbenzene	ND	113	101	11.2	118	117	0.9	
Tetrachloroethene	ND	113	100	12.2	108	105	2.8	
Tetrahydrofuran (THF)	ND	98	102	4.0	89	93	4.4	
Toluene	ND	108	100	7.7	87	95	8.8	
trans-1,2-Dichloroethene	ND	94	94	0.0	103	92	11.3	
trans-1,3-Dichloropropene	ND	101	100	1.0	61	72	16.5	3
trans-1,4-dichloro-2-butene	ND	87	84	3.5	<40	58	NC	
Trichloroethene	ND	116	99	15.8	80	83	3.7	
Trichlorofluoromethane	ND	107	98	8.8	102	99	3.0	
Trichlorotrifluoroethane	ND	102	99	3.0	108	93	14.9	
Vinyl chloride	ND	94	84	11.2	89	90	1.1	
% 1,2-dichlorobenzene-d4	100	101	101	0.0	100	100	0.0	
% Bromofluorobenzene	94	98	98	0.0	89	87	2.3	
% Dibromofluoromethane	96	103	100	3.0	111	104	6.5	
% Toluene-d8	97	99	99	0.0	97	98	1.0	

QA/QC Batch 154196, QC Sample No: AZ08418 (AZ08423)

Volatiles

1,1,1,2-Tetrachloroethane	ND	104	100	3.9	106	109	2.8	
1,1,1-Trichloroethane	ND	99	93	6.3	105	113	7.3	
1,1,2,2-Tetrachloroethane	ND	95	110	14.6	98	95	3.1	
1,1,2-Trichloroethane	ND	109	115	5.4	111	103	7.5	
1,1-Dichloroethane	ND	90	93	3.3	96	98	2.1	
1,1-Dichloroethene	ND	83	79	4.9	102	104	1.9	
1,1-Dichloropropene	ND	96	84	13.3	99	104	4.9	
1,2,3-Trichlorobenzene	ND	100	97	3.0	86	81	6.0	
1,2,3-Trichloropropane	ND	107	114	6.3	104	98	5.9	
1,2,4-Trichlorobenzene	ND	107	97	9.8	94	93	1.1	
1,2,4-Trimethylbenzene	ND	97	94	3.1	100	102	2.0	
1,2-Dibromo-3-chloropropane	ND	110	116	5.3	103	96	7.0	
1,2-Dichlorobenzene	ND	99	97	2.0	100	100	0.0	
1,2-Dichloroethane	ND	100	107	6.8	109	109	0.0	
1,2-Dichloropropane	ND	97	98	1.0	99	97	2.0	
1,3,5-Trimethylbenzene	ND	95	92	3.2	99	103	4.0	
1,3-Dichlorobenzene	ND	96	94	2.1	100	100	0.0	
1,3-Dichloropropane	ND	99	103	4.0	101	96	5.1	
1,4-Dichlorobenzene	ND	100	100	0.0	104	105	1.0	
2,2-Dichloropropane	ND	93	89	4.4	72	62	14.9	3
2-Chlorotoluene	ND	93	92	1.1	98	102	4.0	
2-Hexanone	ND	102	115	12.0	94	83	12.4	
2-Isopropyltoluene	ND	97	90	7.5	99	106	6.8	
4-Chlorotoluene	ND	96	95	1.0	101	101	0.0	
4-Methyl-2-pentanone	ND	109	126	14.5	108	86	22.7	
Acetone	ND	105	128	19.7	119	109	8.8	

QA/QC Data

SDG I.D.: GAZ08420

Parameter	Blank	LCS %	LCSD %	LCS RPD	MS Rec %	MS Dup Rec %	RPD
Acrylonitrile	ND	94	113	18.4	93	85	9.0
Benzene	ND	96	92	4.3	101	103	2.0
Bromobenzene	ND	97	96	1.0	103	102	1.0
Bromochloromethane	ND	101	106	4.8	103	97	6.0
Bromodichloromethane	ND	107	106	0.9	112	110	1.8
Bromoform	ND	112	109	2.7	108	106	1.9
Bromomethane	ND	80	78	2.5	89	89	0.0
Carbon Disulfide	ND	84	82	2.4	89	94	5.5
Carbon tetrachloride	ND	106	93	13.1	116	126	8.3
Chlorobenzene	ND	100	94	6.2	101	104	2.9
Chloroethane	ND	92	87	5.6	95	96	1.0
Chloroform	ND	94	95	1.1	101	102	1.0
Chloromethane	ND	83	84	1.2	103	101	2.0
cis-1,2-Dichloroethene	ND	91	92	1.1	97	94	3.1
cis-1,3-Dichloropropene	ND	103	132	24.7	122	93	27.0
Dibromochloromethane	ND	111	108	2.7	111	109	1.8
Dibromoethane	ND	109	116	6.2	113	102	10.2
Dibromomethane	ND	100	108	7.7	107	103	3.8
Dichlorodifluoromethane	ND	101	95	6.1	133	139	4.4
Ethylbenzene	ND	98	89	9.6	101	106	4.8
Hexachlorobutadiene	ND	86	78	9.8	84	88	4.7
Isopropylbenzene	ND	87	82	5.9	97	105	7.9
m&p-Xylene	ND	98	91	7.4	101	106	4.8
Methyl ethyl ketone	ND	90	109	19.1	91	76	18.0
Methyl t-butyl ether (MTBE)	ND	104	111	6.5	104	94	10.1
Methylene chloride	ND	76	79	3.9	81	78	3.8
Naphthalene	ND	106	98	7.8	81	78	3.8
n-Butylbenzene	ND	107	100	6.8	102	108	5.7
n-Propylbenzene	ND	98	92	6.3	100	107	6.8
o-Xylene	ND	99	92	7.3	100	104	3.9
p-Isopropyltoluene	ND	99	93	6.3	99	104	4.9
sec-Butylbenzene	ND	95	90	5.4	98	105	6.9
Styrene	ND	100	96	4.1	102	102	0.0
tert-Butylbenzene	ND	94	89	5.5	99	106	6.8
Tetrachloroethene	ND	100	86	15.1	103	112	8.4
Tetrahydrofuran (THF)	ND	92	114	21.4	91	81	11.6
Toluene	ND	81	98	19.0	106	86	20.8
trans-1,2-Dichloroethene	ND	87	83	4.7	95	100	5.1
trans-1,3-Dichloropropene	ND	109	114	4.5	105	92	13.2
trans-1,4-dichloro-2-butene	ND	111	133	18.0	84	80	4.9
Trichloroethene	ND	97	88	9.7	104	107	2.8
Trichlorofluoromethane	ND	107	98	8.8	117	127	8.2
Trichlorotrifluoroethane	ND	100	92	8.3	105	114	8.2
Vinyl chloride	ND	87	84	3.5	104	110	5.6
% 1,2-dichlorobenzene-d4	113	100	101	1.0	101	103	2.0
% Bromofluorobenzene	94	97	98	1.0	99	98	1.0
% Dibromofluoromethane	107	103	104	1.0	102	102	0.0
% Toluene-d8	108	84	110	26.8	108	83	26.2

Comment:

A blank MS/MSD was analyzed with this batch.

QA/QC Data

SDG I.D.: GAZ08420

Parameter	Blank	LCS %	LCSD %	LCS RPD	MS Rec %	MS Dup Rec %	RPD
QA/QC Batch 154198, QC Sample No: AZ08423 (AZ08423)							
<u>Volatiles</u>							
1,1,1,2-Tetrachloroethane	ND	105	96	9.0	108	110	1.8
1,1,1-Trichloroethane	ND	104	83	22.5	109	116	6.2
1,1,2,2-Tetrachloroethane	ND	114	111	2.7	107	102	4.8
1,1,2-Trichloroethane	ND	114	113	0.9	114	105	8.2
1,1-Dichloroethane	ND	99	81	20.0	98	100	2.0
1,1-Dichloroethene	ND	84	63	28.6	102	111	8.5
1,1-Dichloropropene	ND	92	72	24.4	99	107	7.8
1,2,3-Trichlorobenzene	ND	76	77	1.3	52	44	16.7
1,2,3-Trichloropropane	ND	112	112	0.0	105	103	1.9
1,2,4-Trichlorobenzene	ND	84	81	3.6	71	64	10.4
1,2,4-Trimethylbenzene	ND	103	88	15.7	104	109	4.7
1,2-Dibromo-3-chloropropane	ND	115	116	0.9	101	85	17.2
1,2-Dichlorobenzene	ND	100	94	6.2	102	100	2.0
1,2-Dichloroethane	ND	106	100	5.8	111	113	1.8
1,2-Dichloropropane	ND	98	89	9.6	96	100	4.1
1,3,5-Trimethylbenzene	ND	101	85	17.2	104	111	6.5
1,3-Dichlorobenzene	ND	99	90	9.5	100	102	2.0
1,3-Dichloropropane	ND	105	103	1.9	104	101	2.9
1,4-Dichlorobenzene	ND	99	89	10.6	101	102	1.0
2,2-Dichloropropane	ND	95	75	23.5	75	65	14.3
2-Chlorotoluene	ND	100	86	15.1	103	108	4.7
2-Hexanone	ND	112	117	4.4	104	89	15.5
2-Isopropyltoluene	ND	101	86	16.0	104	111	6.5
4-Chlorotoluene	ND	101	90	11.5	103	108	4.7
4-Methyl-2-pentanone	ND	120	118	1.7	108	93	14.9
Acetone	ND	88	90	2.2	96	79	19.4
Acrylonitrile	ND	99	100	1.0	90	80	11.8
Benzene	ND	98	83	16.6	100	104	3.9
Bromobenzene	ND	103	94	9.1	107	106	0.9
Bromochloromethane	ND	102	94	8.2	101	99	2.0
Bromodichloromethane	ND	112	100	11.3	124	115	7.5
Bromoform	ND	118	118	0.0	119	110	7.9
Bromomethane	ND	69	60	14.0	87	76	13.5
Carbon Disulfide	ND	84	66	24.0	87	92	5.6
Carbon tetrachloride	ND	102	81	23.0	115	126	9.1
Chlorobenzene	ND	100	88	12.8	103	105	1.9
Chloroethane	ND	98	76	25.3	100	108	7.7
Chloroform	ND	99	86	14.1	103	105	1.9
Chloromethane	ND	92	73	23.0	112	110	1.8
cis-1,2-Dichloroethene	ND	100	82	19.8	97	99	2.0
cis-1,3-Dichloropropene	ND	112	103	8.4	106	96	9.9
Dibromochloromethane	ND	113	106	6.4	114	113	0.9
Dibromoethane	ND	115	113	1.8	112	105	6.5
Dibromomethane	ND	108	102	5.7	110	110	0.0
Dichlorodifluoromethane	ND	111	81	31.3	138	144	4.3
Ethylbenzene	ND	102	86	17.0	104	108	3.8
Hexachlorobutadiene	ND	85	71	17.9	83	90	8.1
Isopropylbenzene	ND	93	77	18.8	103	110	6.6
m&p-Xylene	ND	100	85	16.2	102	105	2.9
Methyl ethyl ketone	ND	97	100	3.0	95	82	14.7

QA/QC Data

SDG I.D.: GAZ08420

Parameter	Blank	LCS %	LCSD %	LCS RPD	MS Rec %	MS Dup Rec %	RPD
Methyl t-butyl ether (MTBE)	ND	112	109	2.7	110	105	4.7
Methylene chloride	ND	87	78	10.9	92	90	2.2
Naphthalene	ND	86	86	0.0	58	46	23.1
n-Butylbenzene	ND	100	83	18.6	98	106	7.8
n-Propylbenzene	ND	101	84	18.4	102	111	8.5
o-Xylene	ND	100	88	12.8	103	104	1.0
p-Isopropyltoluene	ND	103	86	18.0	103	110	6.6
sec-Butylbenzene	ND	101	83	19.6	104	111	6.5
Styrene	ND	100	91	9.4	102	102	0.0
tert-Butylbenzene	ND	100	84	17.4	104	112	7.4
Tetrachloroethene	ND	97	82	16.8	106	110	3.7
Tetrahydrofuran (THF)	ND	98	99	1.0	94	80	16.1
Toluene	ND	105	91	14.3	108	107	0.9
trans-1,2-Dichloroethene	ND	88	73	18.6	94	99	5.2
trans-1,3-Dichloropropene	ND	111	106	4.6	105	95	10.0
trans-1,4-dichloro-2-butene	ND	124	118	5.0	101	89	12.6
Trichloroethene	ND	95	78	19.7	99	105	5.9
Trichlorofluoromethane	ND	106	80	28.0	117	129	9.8
Trichlorotrifluoroethane	ND	102	80	24.2	106	113	6.4
Vinyl chloride	ND	96	72	28.6	110	114	3.6
% 1,2-dichlorobenzene-d4	102	102	100	2.0	101	101	0.0
% Bromofluorobenzene	95	97	98	1.0	98	97	1.0
% Dibromofluoromethane	97	102	101	1.0	104	100	3.9
% Toluene-d8	107	106	106	0.0	105	101	3.9

Comment:

A blank MS/MSD was analyzed with this batch.

QA/QC Batch 154124, QC Sample No: AZ08423 (AZ08423)

Semivolatiles

1,2,4,5-Tetrachlorobenzene	ND	71	70	1.4			
1,2,4-Trichlorobenzene	ND	63	64	1.6			
1,2-Dichlorobenzene	ND	61	62	1.6			
1,3-Dichlorobenzene	ND	60	61	1.7			
1,4-Dichlorobenzene	ND	64	65	1.6			
2,4,5-Trichlorophenol	ND	79	77	2.6			
2,4,6-Trichlorophenol	ND	77	76	1.3			
2,4-Dichlorophenol	ND	78	80	2.5			
2,4-Dimethylphenol	ND	41	42	2.4			
2,4-Dinitrophenol	ND	42	17	84.7			
2,4-Dinitrotoluene	ND	72	72	0.0			
2,6-Dinitrotoluene	ND	67	68	1.5			
2-Chloronaphthalene	ND	66	68	3.0			
2-Chlorophenol	ND	60	62	3.3			
2-Methylnaphthalene	ND	64	65	1.6			
2-Methylphenol (o-cresol)	ND	60	63	4.9			
2-Nitroaniline	ND	>130	130	NC			
2-Nitrophenol	ND	71	73	2.8			
3&4-Methylphenol (m&p-cresol)	ND	66	69	4.4			
3,3'-Dichlorobenzidine	ND	N/A	N/A	NC			
3-Nitroaniline	ND	>130	>130	NC			
4,6-Dinitro-2-methylphenol	ND	70	47	39.3			
4-Bromophenyl phenyl ether	ND	79	84	6.1			
4-Chloro-3-methylphenol	ND	76	77	1.3			

QA/QC Data

SDG I.D.: GAZ08420

Parameter	Blank	LCS %	LCSD %	LCS RPD	MS Rec %	MS Dup Rec %	RPD
4-Chloroaniline	ND	52	57	9.2			
4-Chlorophenyl phenyl ether	ND	75	77	2.6			
4-Nitroaniline	ND	69	69	0.0			
4-Nitrophenol	ND	11	61	138.9			2
Acenaphthene	ND	67	67	0.0			
Acenaphthylene	ND	64	66	3.1			
Acetophenone	ND	64	66	3.1			
Aniline	ND	N/A	N/A	NC			
Anthracene	ND	75	78	3.9			
Azobenzene	ND	67	68	1.5			
Benz(a)anthracene	ND	75	79	5.2			
Benzidine	ND	N/A	N/A	NC			
Benzo(a)pyrene	ND	70	70	0.0			
Benzo(b)fluoranthene	ND	70	74	5.6			
Benzo(ghi)perylene	ND	79	79	0.0			
Benzo(k)fluoranthene	ND	68	73	7.1			
Benzoic acid	ND	N/A	N/A	NC			
Benzyl butyl phthalate	ND	70	84	18.2			
Bis(2-chloroethoxy)methane	ND	61	63	3.2			
Bis(2-chloroethyl)ether	ND	55	58	5.3			
Bis(2-chloroisopropyl)ether	ND	48	49	2.1			
Bis(2-ethylhexyl)phthalate	ND	75	91	19.3			
Carbazole	ND	72	72	0.0			
Chrysene	ND	73	78	6.6			
Dibenz(a,h)anthracene	ND	80	77	3.8			
Dibenzofuran	ND	69	71	2.9			
Diethyl phthalate	ND	74	78	5.3			
Dimethylphthalate	ND	74	77	4.0			
Di-n-butylphthalate	ND	90	87	3.4			
Di-n-octylphthalate	ND	72	82	13.0			
Fluoranthene	ND	76	78	2.6			
Fluorene	ND	72	74	2.7			
Hexachlorobenzene	ND	67	74	9.9			
Hexachlorobutadiene	ND	69	69	0.0			
Hexachlorocyclopentadiene	ND	19	14	30.3			2
Hexachloroethane	ND	58	60	3.4			
Indeno(1,2,3-cd)pyrene	ND	78	76	2.6			
Isophorone	ND	59	61	3.3			
Naphthalene	ND	62	64	3.2			
Nitrobenzene	ND	59	61	3.3			
N-Nitrosodimethylamine	ND	43	46	6.7			
N-Nitrosodi-n-propylamine	ND	57	62	8.4			
N-Nitrosodiphenylamine	ND	79	83	4.9			
Pentachloronitrobenzene	ND	77	81	5.1			
Pentachlorophenol	ND	38	30	23.5			
Phenanthrene	ND	68	72	5.7			
Phenol	ND	55	57	3.6			
Pyrene	ND	75	76	1.3			
Pyridine	ND	<5	<5	NC			2
% 2,4,6-Tribromophenol	92	68	71	4.3			
% 2-Fluorobiphenyl	69	61	63	3.2			
% 2-Fluorophenol	73	51	54	5.7			
% Nitrobenzene-d5	88	48	51	6.1			

QA/QC Data

SDG I.D.: GAZ08420

Parameter	Blank	LCS %	LCSD %	LCS RPD	MS Rec %	MS Dup Rec %	RPD
% Phenol-d5	69	52	52	0.0			
% Terphenyl-d14	78	62	66	6.3			

Comment:

A LCS and LCS Duplicate were performed instead of a matrix spike and matrix spike duplicate.

QA/QC Batch 154477, QC Sample No: AZ09179 (AZ08422)

Volatiles

1,1,1,2-Tetrachloroethane	ND	109	107	1.9	104	103	1.0	
1,1,1-Trichloroethane	ND	105	103	1.9	105	102	2.9	
1,1,2,2-Tetrachloroethane	ND	145	132	9.4	133	129	3.1	2,3
1,1,2-Trichloroethane	ND	112	107	4.6	105	106	0.9	
1,1-Dichloroethane	ND	108	104	3.8	107	109	1.9	
1,1-Dichloroethene	ND	97	91	6.4	117	118	0.9	
1,1-Dichloropropene	ND	105	107	1.9	120	114	5.1	
1,2,3-Trichlorobenzene	ND	118	120	1.7	126	115	9.1	
1,2,3-Trichloropropane	ND	143	132	8.0	126	119	5.7	2
1,2,4-Trichlorobenzene	ND	123	125	1.6	139	126	9.8	3
1,2,4-Trimethylbenzene	ND	116	113	2.6	120	120	0.0	
1,2-Dibromo-3-chloropropane	ND	131	120	8.8	118	112	5.2	
1,2-Dichlorobenzene	ND	112	111	0.9	116	113	2.6	
1,2-Dichloroethane	ND	113	109	3.6	103	104	1.0	
1,2-Dichloropropane	ND	109	107	1.9	105	107	1.9	
1,3,5-Trimethylbenzene	ND	113	112	0.9	120	120	0.0	
1,3-Dichlorobenzene	ND	112	112	0.0	119	117	1.7	
1,3-Dichloropropane	ND	119	114	4.3	108	107	0.9	
1,4-Dichlorobenzene	ND	113	113	0.0	120	119	0.8	
2,2-Dichloropropane	ND	113	109	3.6	108	111	2.7	
2-Chlorotoluene	ND	111	108	2.7	117	119	1.7	
2-Hexanone	ND	136	126	7.6	104	92	12.2	
2-Isopropyltoluene	ND	112	110	1.8	118	117	0.9	
4-Chlorotoluene	ND	115	110	4.4	121	117	3.4	
4-Methyl-2-pentanone	ND	128	117	9.0	109	103	5.7	
Acetone	ND	118	114	3.4	78	69	12.2	
Acrylonitrile	ND	130	109	17.6	121	118	2.5	
Benzene	ND	105	102	2.9	109	110	0.9	
Bromobenzene	ND	114	112	1.8	113	116	2.6	
Bromochloromethane	ND	105	100	4.9	96	101	5.1	
Bromodichloromethane	ND	112	111	0.9	104	102	1.9	
Bromoform	ND	120	113	6.0	105	102	2.9	
Bromomethane	ND	112	109	2.7	110	115	4.4	
Carbon Disulfide	ND	122	118	3.3	116	117	0.9	
Carbon tetrachloride	ND	109	107	1.9	108	105	2.8	
Chlorobenzene	ND	109	108	0.9	111	112	0.9	
Chloroethane	ND	118	113	4.3	80	79	1.3	
Chloroform	ND	102	97	5.0	98	98	0.0	
Chloromethane	ND	104	99	4.9	106	105	0.9	
cis-1,2-Dichloroethene	ND	110	107	2.8	113	112	0.9	
cis-1,3-Dichloropropene	ND	122	119	2.5	112	114	1.8	
Dibromochloromethane	ND	120	115	4.3	105	106	0.9	
Dibromoethane	ND	118	114	3.4	113	109	3.6	
Dibromomethane	ND	114	110	3.6	108	105	2.8	
Dichlorodifluoromethane	ND	133	124	7.0	112	109	2.7	
Ethylbenzene	ND	110	108	1.8	113	113	0.0	

QA/QC Data

SDG I.D.: GAZ08420

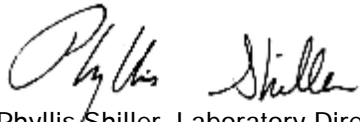
Parameter	Blank	LCS %	LCSD %	LCS RPD	MS Rec %	MS Dup Rec %	RPD
Hexachlorobutadiene	ND	102	106	3.8	125	118	5.8
Isopropylbenzene	ND	105	101	3.9	120	122	1.7
m&p-Xylene	ND	111	109	1.8	115	115	0.0
Methyl ethyl ketone	ND	121	111	8.6	92	80	14.0
Methyl t-butyl ether (MTBE)	ND	122	118	3.3	114	114	0.0
Methylene chloride	ND	98	95	3.1	104	104	0.0
Naphthalene	ND	121	120	0.8	121	116	4.2
n-Butylbenzene	ND	115	114	0.9	126	123	2.4
n-Propylbenzene	ND	112	109	2.7	118	123	4.1
o-Xylene	ND	112	111	0.9	113	111	1.8
p-Isopropyltoluene	ND	116	114	1.7	122	121	0.8
sec-Butylbenzene	ND	109	106	2.8	118	119	0.8
Styrene	ND	114	112	1.8	112	108	3.6
tert-Butylbenzene	ND	112	107	4.6	117	117	0.0
Tetrachloroethene	ND	111	110	0.9	117	124	5.8
Tetrahydrofuran (THF)	ND	126	114	10.0	115	101	13.0
Toluene	ND	105	106	0.9	111	111	0.0
trans-1,2-Dichloroethene	ND	107	102	4.8	118	120	1.7
trans-1,3-Dichloropropene	ND	121	118	2.5	110	109	0.9
trans-1,4-dichloro-2-butene	ND	143	132	8.0	126	119	5.7
Trichloroethene	ND	100	100	0.0	107	108	0.9
Trichlorofluoromethane	ND	112	107	4.6	57	62	8.4
Trichlorotrifluoroethane	ND	112	109	2.7	113	115	1.8
Vinyl chloride	ND	111	103	7.5	119	118	0.8
% 1,2-dichlorobenzene-d4	98	101	100	1.0	102	100	2.0
% Bromofluorobenzene	99	100	100	0.0	97	95	2.1
% Dibromofluoromethane	88	106	106	0.0	99	93	6.3
% Toluene-d8	97	100	101	1.0	99	99	0.0

2 = This parameter is outside laboratory lcs/lcsd specified limits.

3 = This parameter is outside laboratory ms/msd specified limits.

If there are any questions regarding this data, please call Phoenix Client Services at extension 200.

- RPD - Relative Percent Difference
- LCS - Laboratory Control Sample
- LCSD - Laboratory Control Sample Duplicate
- MS - Matrix Spike
- MS Dup - Matrix Spike Duplicate
- NC - No Criteria


 Phyllis Shiller, Laboratory Director
 June 04, 2010



Environmental Laboratories, Inc.
587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045
Tel. (860) 645-1102 Fax (860) 645-0823



NY Temperature Narration

June 04, 2010

SDG I.D.: GAZ08420

The samples in this delivery group were received at 11C.
(Note acceptance criteria is above freezing up to 6C)

NY/NJ CHAIN OF CUSTODY RECORD



587 East Middle Turnpike, P.O. Box 370, Manchester, CT 06040
 Email: info@phoenixlabs.com Fax (860) 645-0823

Client Services (860) 645-8726

Data Delivery:
 Fax #:
 Email:

Customer: AFL Environmental Project P.O.: V1012 Babcock
 Address: 1100 Shelton Ave Suite 202 Report to: William Heitzeroth Phone #: 716-283-7655
Jacksonville FL 32210 Invoice to: Buffalo Environmental Consulting Fax #: 716-283-2858

Sampler's Signature: [Signature] Date: 5-25-10
 Client Sample - Information/Identification
 Analysis Request: Loc Fall
SWC Fall
PCBR
Me Lab

Phoenix Sample #	Customer Sample Identification	Sample Matrix	Date Sampled	Time Sampled	Analysis Request
1	TP10-5'	S	5-25-10	11:00	XX
2	TP2 0-8'	S	5-25-10	12:05	XX
3	TP5 0-7'	S	5-25-10	11:26	XX
4	TP4 water	GW	5-25-10	1:00	XX
5	TP7 4-8'	S	5-25-10	1:14	XX

Relinquished by: [Signature] Accepted by: [Signature] Date: 5-25-10 Time: 3:30

Comments, Special Requirements or Regulations: None

Turnaround:
 1 Day*
 2 Days*
 3 Days*
 5 Days
 10 Days
 Other
 *SURCHARGE APPLIES

NJ Res. Criteria
 Non-Res. Criteria
 Impact to GW Soil
 Cleanup Criteria
 GW Criteria

NY TAGM 4046 GW
 TAGM 4046 SOIL
 NY375 Unrestricted Soil
 NY375 Residential Soil
 NY375 Restricted Non-Residential Soil

Data Format
 Phoenix Std Report
 Excel
 PDF
 GIS/Key
 EQUIS
 NJ Hazsite EDD
 NY EZ EDD (ASP)
 Other

Data Package
 NJ Reduced Deliv. *
 NY Enhanced (ASP B) *
 Other

State where samples were collected: _____