Arc Environmental, Inc.

Comprehensive Inspection and Consulting Services

Brownfield Redevelopment

Asbestos/ Lead-Based Paint

IAQ/Mold

Risk Assessment

Phase I ESAs

Design/Build

Monitoring

Regulatory Compliance and Negotiation

USTs/ASTs

Site Characterization and Remediation

Hazardous Waste Sites (CERCLA/RCRA)

Building Assessments

Offices

Baltimore, MD

York, PA

April 22, 2009

Ms. Rabecka Koons
Voluntary Cleanup Program
Waste Management Administration
Maryland Department of the Environment
1800 Washington Boulevard –Suite 625
Baltimore, Maryland 21230

RE: Phase II Environmental Site Assessment
Applicant: Mayor and City Council of Baltimore
Property: 1411 Warner Street Property
1411 Warner Street
Baltimore, Maryland 21230

Dear Ms. Koons:

Enclosed please find the completed Phase II Environmental Site Assessment (ESA) Report for the 1411 Warner Street Property located in Baltimore, Maryland.

Please do not hesitate to contact me should you have any questions or require any additional information at (410) 659-9971.

Respectfully Submitted,
Arc Environmental, Inc.

Katherine Christensen
Environmental Scientist

David M. Leety
Division Manager

Enclosures

cc: Gary Suskauer, BDC
Jason Schwartzberg, BDC

Phase II Environmental Site Assessment

April 22, 2009

Lot J
1411 Warner Street
Baltimore, MD 21230

Prepared for:
Baltimore Development Corporation
36 South Charles Street, Suite 1600
Baltimore, MD 21201

Prepared by:
Arc Environmental, Inc.
1311 Haubert Street
Baltimore, MD 21230

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Attachments

1.0 INTRODUCTION

Arc Environmental, Inc. (Arc Environmental) has prepared this Phase II Environmental Site Assessment (ESA) of the Lot J parking lot located at 1411 Warner Street, Baltimore, Maryland 21230 (Site) for the exclusive use and benefit of Baltimore Development Corporation (Client). A Site location map is presented on Figure 1 (Tab 1). The purpose of this assessment was to further investigate the potential for Recognized Environmental Conditions (RECs) identified in the Phase I ESA to have impacted the Site and to fulfill the Phase II ESA requirements of a Maryland Department of the Environment (MDE) Voluntary Cleanup Program (VCP) application for the Site.

Field activities conducted for this investigation included the installation of ten soil borings, of which four were completed as groundwater monitoring wells, and laboratory analysis of soil and groundwater samples collected from the Site. The work tasks and associated field sampling activities described herein were performed in general accordance with the *Voluntary Cleanup Program Guidance Document* and the *State of Maryland Department of the Environment Cleanup Standards for Soil and Groundwater*, prepared by the MDE VCP and dated March 2006 and June 2008, respectively, and the Revised Sampling and Analysis Plan submitted to MDE by Arc Environmental in March 2009.

2.0 SITE AND ENVIRONMENTAL DESCRIPTION

2.1 Site Description

The Site is located in Baltimore City, south of the M&T Bank Stadium in a primarily industrial area. The Site is currently utilized as an overflow parking lot ("Lot J") for M&T Bank Stadium, and is approximately 3.77 acres in size. There are no structures present on the Site. The majority of the Site is an asphalt paved parking lot which is fenced on all but the northern side. Vegetation surrounds the parking lot on the southern and eastern portion of the Site. The Gywnns Falls Trail enters the Site in the southwestern portion and continues south, off-Site. A Site plan is presented as Figure 2 (Tab 1).

2.2 Site History

Based on a review of historic information obtained as part of the Arc Environmental Phase I ESA, the Site operated as a malt warehouse, glass factory, coal yard, cement mill and a chemical company. It also appears that the southern Site boundary may have shifted further south, which may have resulted from importing fill material or removal of the shoreline to create this new boundary. The Site has been used as a parking lot since approximately 1998.

2.3 Local Geology and Hydrology

The Site elevation is approximately 20 feet above mean sea level and the grade of the Site slopes to the west approaching Warner Street. Drainage on the property is directed to the storm sewer

inlets located in the surrounding thoroughfares. The nearest surface water body, the Middle Branch of the Patapsco River adjoins the Site to the south.

According to the Maryland Geological Survey 1968 Geologic Map of Maryland, the Site lies within the Atlantic Coastal Plain Physiographic Province and is underlain by Lowland Deposits. Soils within these deposits consist of Quaternary age soils consisting of medium to coarse grained sand and gravel with cobbles and boulders near the base, and multicolored silt and clay. The Maryland Geological Survey 1976 Geologic Map of Baltimore County and City shows the Site lies within an area mapped as artificial fill, which includes areas composed of heterogeneous materials such as rock, unconsolidated sediment, slag, refuse and dredge spoil. Soils encountered during drilling activities consisted of fill material (coarse sands, gravel, coal and brick) and fine to medium sands underlain by silts and clays that became more competent with depth. Groundwater at the Site is located at depths ranging between five and fifteen feet below grade.

3.0 SITE SAMPLING AND ANALYSIS

The following sections provide the methodologies utilized during sampling and analysis activities completed at the Site. Soil borings and monitoring well locations are presented on Figure 2 (Tab 1).

3.1 Soil

On March 26, 2009, under the oversight of Arc Environmental personnel, ten soil borings (SB-1 through SB-10) were installed at the Site. Soil borings SB-1 through SB-8, and SB-10 were installed using an ATV-mounted direct push drilling unit and soil boring SB-9 was installed using a hand auger equipped with a two-inch diameter stainless steel bucket. Sample locations were selected in order to establish baseline environmental conditions at the Site, specifically:

- SB-1 was installed to approximately 24 feet below grade and was located in the parking lot near the northwest corner of the Site near Warner Street;
- SB-2 was installed to approximately 16 feet below grade and was located in the parking lot near the northeast corner of the Site near Stockholm Street;
- SB-3 was installed to approximately 16 feet below grade and was located in the parking lot near the western property boundary along Warner Street;
- SB-4 was installed to approximately 24 feet below grade and was located in a grassy area between the parking lot and the fence on the eastern portion of the Site;
- SB-5 was installed to approximately 24 feet below grade and was located in a grassy area near the southeast property boundary, east of the Gwynns Falls Trail and near the Middle Branch of the Patapsco River;
- SB-6 was installed to approximately 24 feet below grade and was located in a grassy area near the southwest property boundary, north of the Gywnns Falls Trail near Warner Street;
- SB-7 was installed to approximately six feet below grade and was located in the parking lot near the center of the Site;

- SB-8 was installed to approximately ten feet below grade and was located in the corner of the parking lot along the eastern property boundary, north of the grassy area;
- SB-9 was installed to approximately two feet below grade and was located in the vegetated area, west of the fence, near the eastern property boundary along the Middle Branch of the Patapsco River; and
- SB-10 was installed to approximately 16 feet below grade and was located in the parking lot near the southeastern parking lot corner.

Soils encountered during drilling activities consisted of fill material (coarse sands, gravel, brick and coal), and fine to medium sands underlain by silts and clays that became more competent with depth. Soils within each boring were classified and field screened for total volatile organic compounds (VOCs) using a photoionization detector (PID). Field screening readings were collected at approximate one foot intervals and recorded in the soil boring logs. Elevated PID readings were observed in SB-3 and SB-10 and ranged from 7.2 PID units (SB-3) at a depth of four feet below grade to 19.1 PID units (SB-10) at a depth of 12 feet below grade. Soil boring logs are attached in Tab 3.

Shallow (zero to one foot below grade) and subsurface (four to five feet below grade) soil samples were collected from each soil boring. Additionally, one duplicate sample was collected from both the shallow and subsurface intervals of the SB-8 borehole for quality assurance/quality control (QA/QC) purposes. Each sample was placed in laboratory supplied containers, preserved with ice and transported to Phase Separation Science, Inc. in Baltimore, Maryland for laboratory analysis.

The shallow samples were analyzed for semi-volatile organic compounds (SVOCs) via United States Environmental Protection Agency (USEPA) Method 8270C, primary pollutant list (PPL) of metals via USEPA Method 6020, herbicides via USEPA Method 8151A, pesticides via USEPA Method 8081A, and polychlorinated biphenyls (PCBs) via USEPA Method 8082. No shallow soil samples were analyzed for VOCs because field screening indicated VOCs were not present. The subsurface samples were analyzed for VOCs via USEPA Method 8260, SVOCs via USEPA Method 8270C, PPL metals via USEPA Method 6020, herbicides via USEPA Method 8151A, pesticides via USEPA Method 8081A and total petroleum hydrocarbons diesel and gasoline range organics (TPH-DRO/GRO) via USEPA Method 8015.

Following sample collection, SB-2, SB-3 and SB-7 through SB-10 were backfilled to surface grade using their respective drill cuttings.

3.2 Groundwater

Four soil borings (SB-1, SB-4, SB-5 and SB-6) were converted to monitoring wells in order to evaluate groundwater quality and to establish groundwater flow at the Site. The monitoring wells were constructed using approximately fifteen feet of one-inch diameter 20 slot well screen and completed to at least surface grade using one-inch diameter well casing. Annular space was filled

using a No. 2 gravel filter pack to approximately two feet above the well screen and then capped with a hydrated bentonite seal to surface grade.

The monitoring wells were gauged and sampled on March 30, 2009. Each sample was placed in laboratory supplied containers, preserved with ice and transported to Envirosystems, Inc. in Columbia, Maryland for laboratory analysis.

The elevations at each monitoring well location were surveyed on April 3, 2009, relative to a temporary on-Site benchmark. Based on the survey data and using the March 30, 2009 depth to groundwater data, the relative groundwater elevation was calculated and a relative groundwater elevation contour map was created (Figure 3, Tab 1). The monitoring well relative elevation data, depth to groundwater measurements, and relative groundwater elevations are summarized in Table 1 (Tab 2).

Prior to sample collection, each monitoring well was purged using a low-flow peristaltic pump with dedicated polyethylene tubing. Water quality data was collected for the duration of the well purging using water quality monitoring instrumentation. Each well was be purged until water quality parameters equilibrated. Well sampling logs are included with this report in Tab 4. Once purging was complete, a groundwater sample was collected from each monitoring well for laboratory analysis. MW-1 through MW-3 samples were analyzed for VOCs via USEPA Method 8260, SVOCs via USEPA Method 8270C, dissolved PPL metals via USEPA Method 200, and TPH-DRO/GRO via USEPA Method 8015. MW-4 was analyzed for VOCs via USEPA Method 8260 and TPH-DRO/GRO via USEPA Method 8015. During collection of dissolved PPL metals samples, each sample was field-filtered using a dedicated 0.45 micron disposable filter prior to submittal for laboratory analysis.

3.3 Sample Handling/Chain of Custody

Samples collected for analysis were recorded in the soil boring logs and project field notebooks. Each sample collected during field activities was given a unique sample designation. The sample ID was included on the chain-of-custody (COC) and container label. COC forms were initiated at the time samples were collected for laboratory analysis by the sampler. Parameters analyzed and the total number of soil and groundwater samples is discussed in the previous section.

Following sample collection, containers were sealed and soil and groundwater samples were placed in a cooler with bagged ice and cooled. Soil samples were delivered to Phase Separation, Inc. in Baltimore, Maryland for analysis, and groundwater samples were delivered to Envirosystems, Inc. in Columbia, Maryland for analysis.

3.4 Quality Assurance/Quality Control Procedures

QA/QC protocol adhered to during this investigation covered general aspects of measurement, systems design, and implementation, including sampling methods, data handling, and QC measures employed. The following QA/QC procedures for the Phase II Investigation included:

- Two field duplicate samples were collected during soil sampling (Dup 0-1 and Dup 4-5);
- One laboratory prepared trip blank was utilized during groundwater sampling;
- Dedicated sampling equipment was used during soil and groundwater sampling, therefore, no rinsate blanks were collected or analyzed.

4.0 PHASE II ESA RESULTS

4.1 Soil

Twenty-one soil samples (eleven surface and ten subsurface), including the duplicate samples, were collected from ten soil borings and submitted for laboratory analysis. The shallow samples were analyzed for SVOCs, PPL metals, herbicides, pesticides and PCBs. No shallow soil samples were analyzed for VOCs because PID field screening results indicated VOCs were not present. The subsurface samples were analyzed for VOCs, SVOCs, PPL metals, herbicides, pesticides and TPH-DRO/GRO. To evaluate the results of this investigation, the laboratory data was compared to the MDE Non-Residential Cleanup Standards (NCS). This cleanup standard was selected given an expected future Site use as a slots parlor/casino. Analytical results for metals were also compared to the Maryland Anticipated Typical Concentrations (ATC) for Eastern Maryland. The MDE VCP recognizes the greater of the MDE NCS or the ATC as the applicable cleanup standard.

The laboratory analytical results for soil samples are presented in Tables 1 through 6 and are discussed in the following sections. The Laboratory Certificates of Analysis are attached in Tab 5.

Metals:

Concentrations of beryllium, cadmium, selenium, silver, and thallium were not reported in any of the twenty-one samples in excess of their Lowest Level of Quantitation (LLQ). Concentrations of antimony, copper, lead, nickel and zinc were detected in one or more of the samples, however, no concentrations were reported in excess of the MDE NCS and/or the ATC. Metals concentrations are summarized on Table 1 (Tab 2).

The following metals were reported at concentrations exceeding the MDE NCS and/or the ATC in one or more samples:

- Arsenic was reported in all twenty-one soil samples at concentrations ranging from 1.5 milligrams per kilogram (mg/kg) to 33 mg/kg. Concentrations in thirteen samples exceeded the ATC of 3.6 mg/kg.

- Total chromium was reported in all twenty-one soil samples at concentrations ranging from 11 mg/kg to 100 mg/kg, none of which exceeded the MDE NCS of 310 mg/kg. However, given these detections, the two samples exhibiting the highest total chromium concentrations (SB-2 0-1 and SB-3 4-5) were speciated for hexavalent chromium. Hexavalent chromium was not detected at a concentration exceeding the LLQ in either of the samples.
- Mercury was reported in nineteen samples at concentrations ranging from 0.09 mg/kg to 1.3 mg/kg. Concentrations in six samples exceeded the ATC of 0.51 mg/kg. Given the exceedances of the ATC, the two samples with the highest mercury concentrations (SB-6 4-5 and SB-9 0-1) were speciated for elemental mercury. Both of these samples reported concentrations of elemental mercury, SB-6 4-5 at 0.510 mg/kg and SB-9 0-1 at 0.204 mg/kg. Nether elemental mercury concentration exceeds the ATC for mercury.

SVOCs:

Fifteen of the twenty-one soil samples reported concentrations of one or more SVOC, however, only one SVOC, benzo(a)pyrene, was reported at concentrations in excess of the MDE NCS. Concentrations of benzo(a)pyrene exceeded the MDE NCS of 390 micrograms per kilogram (µg/kg) in five soil samples and ranged from 400 µg/kg (SB-7 0-1) to 800 µg/kg (SB-6 0-1). SVOC concentrations are summarized on Table 2 (Tab 2).

Pesticides:

Four of the twenty-one soil samples reported concentrations of pesticides. Alpha-chlordane and gamma-chlordane were reported in samples SB-3 0-1, SB-7 0-1, SB-8 0-1 and SB-10 0-1. Alpha-Chlordane concentrations ranged from 16 µg/kg to 61 µg/kg and gamma-chlordane concentrations ranged from 13 µg/kg to 47 µg/kg. Neither compound was reported at a concentration in excess of the MDE NCS of 8,200 µg/kg. A summary of pesticide detections is included in Table 3 (Tab 2).

Herbicides:

No Herbicides were reported in any soil sample at concentrations exceeding their respective LLQ.

PCBs:

Eleven soil samples were analyzed for PCBs. One PCB congener, Aroclor 1260, was reported in samples SB-2 0-1, SB-3 0-1, SB-7 0-1, SB-8 0-1 and SB-10 0-1 at concentrations ranging from 0.2 mg/kg to 0.3 mg/kg. No reported concentration exceeds the MDE NCS of 1.4 mg/kg for Aroclor 1260. PCB concentrations are summarized in Table 4 (Tab 2).

VOCs:

Ten soil samples were analyzed for VOCs. Only three samples reported concentrations of any VOC. Sample SB-1 4-5 reported a concentration of carbon disulfide at 8 µg/kg; sample SB-4 4-5 reported concentrations of benzene (7 µg/kg), 1,1-dichloroethane (11 µg/kg) and

1,1,1-trichloroethane (19 µg/kg); sample SB-5 4-5 reported concentrations of naphthalene at 4 µg/kg and m&p-xylene at 9 µg/kg. None of the reported VOC concentrations were in excess of their respective LLQ. Laboratory VOC data is summarized in Table 5 (Tab 2).

TPH-DRO/GRO:

Ten soil samples were analyzed for TPH-DRO/GRO. Eight soil samples reported concentrations of TPH-DRO ranging from 6.9 mg/kg (SB-8 4-5) to 550 mg/kg (SB-10 4-5). Two samples reported concentrations of TPH-GRO, SB-3 4-5 (0.840 mg/kg) and SB-10 4-5 (2 mg/kg). None of the reported concentrations exceed the MDE NCS of 620 mg/kg for TPH-DRO or TPH-GRO. TPH-DRO/GRO data is summarized in Table 6 (Tab 2).

4.2 Groundwater

Four groundwater samples were collected from the Site, three were submitted for laboratory analysis for VOCs, SVOCs, dissolved PPL metals and TPH-DRO/GRO, and one sample was analyzed for VOCs and TPH-DRO/GRO only. To assess whether there has been an impact to the groundwater by the current and historic onsite operations, the analytical results were compared to the MDE Groundwater Cleanup Standards for Type I and II Aquifers (GWS).

The laboratory analytical results for groundwater samples that have been received as of the date of this submission are presented in Table 7, and discussed in the following section. A copy of the laboratory Certificates of Analysis are attached to this report in Tab 5.

Metals:

Each of the three samples analyzed for metals reported concentrations of one or more metal. Arsenic was detected in samples MW-1 at 0.002 milligrams per liter (mg/l), MW-2 at 0.008 mg/l and MW-3 at 0.01 mg/l. Chromium was detected in sample MW-2 at a concentration of 0.003 mg/l. Lead was detected in sample MW-3 at 0.001 mg/l. Nickel was detected in samples MW-1 and MW-2 at 0.001 mg/l in each well. None of the reported concentrations exceed the MDE GWS. The remaining metal compounds were not reported at concentrations exceeding their respective LLQ.

SVOCs:

No SVOCs were reported in any groundwater sample at concentrations exceeding their respective LLQ.

VOCs:

No VOCs were reported in samples MW-2 and MW-4. Chloroform was reported in sample MW-1 at a concentration of 7.1 micrograms per liter (µg/l) and methyl tert-butyl ether (MTBE) was reported in sample MW-3 at a concentration of 6.4 µg/l. Neither of the reported concentrations exceeded their respective MDE GWS. No other VOCs were reported at concentrations above their respective LLQ.

TPH-DRO/GRO:

One of the four samples reported a concentration of TPH-DRO in excess of the MDE GWS of 0.047 mg/l. Sample MW-4 reported a concentration of 0.0846 mg/l. TPH-GRO was not reported above the LLQ in any groundwater sample. However, TPH-GRO was detected at an estimated concentration below the LLQ of 0.0283 mg/l in sample MW-4. This estimated concentration is below the MDE GWS of 0.047 mg/l.

5.0 CONCLUSIONS AND RECOMMONDATIONS

During March 2009, Arc Environmental conducted a Phase II ESA at the Site to further investigate the potential for the RECs identified in the Phase I ESA to have impacted the Site, and to provide Site characterization data in order to establish baseline environmental conditions for the Site's participation in the Maryland VCP. In total, ten soil borings were advanced at the Site, four of which were completed as groundwater monitoring wells. Soil samples were collected from each soil boring and groundwater samples were collected from each monitoring well and all samples were submitted for select laboratory analysis.

This subsurface investigation has identified the presence of the metal arsenic and the SVOC benzo(a)pyrene at concentrations above the applicable Maryland ATC or MDE NCS in soil.

Low concentrations of dissolved metals (arsenic, chromium, lead, and nickel) and the VOCs chloroform and MTBE were detected in one or more or the groundwater samples at concentrations below the MDE GWS. Sample MW-4 reported a TPH-DRO concentration above the MDE GWS and TPH-GRO was detected at an estimated concentration below the LLQ.

Based on the amount and consistency of the data collected, Arc Environmental considers the Site to be fully characterized and recommends that the MDE should accept the Site into the VCP.

6.0 REFERENCES

Arc Environmental, Inc. 2009. *Revised Sampling and Analysis Plan, 1411 Warner Street, Baltimore, Maryland 21230.* March.

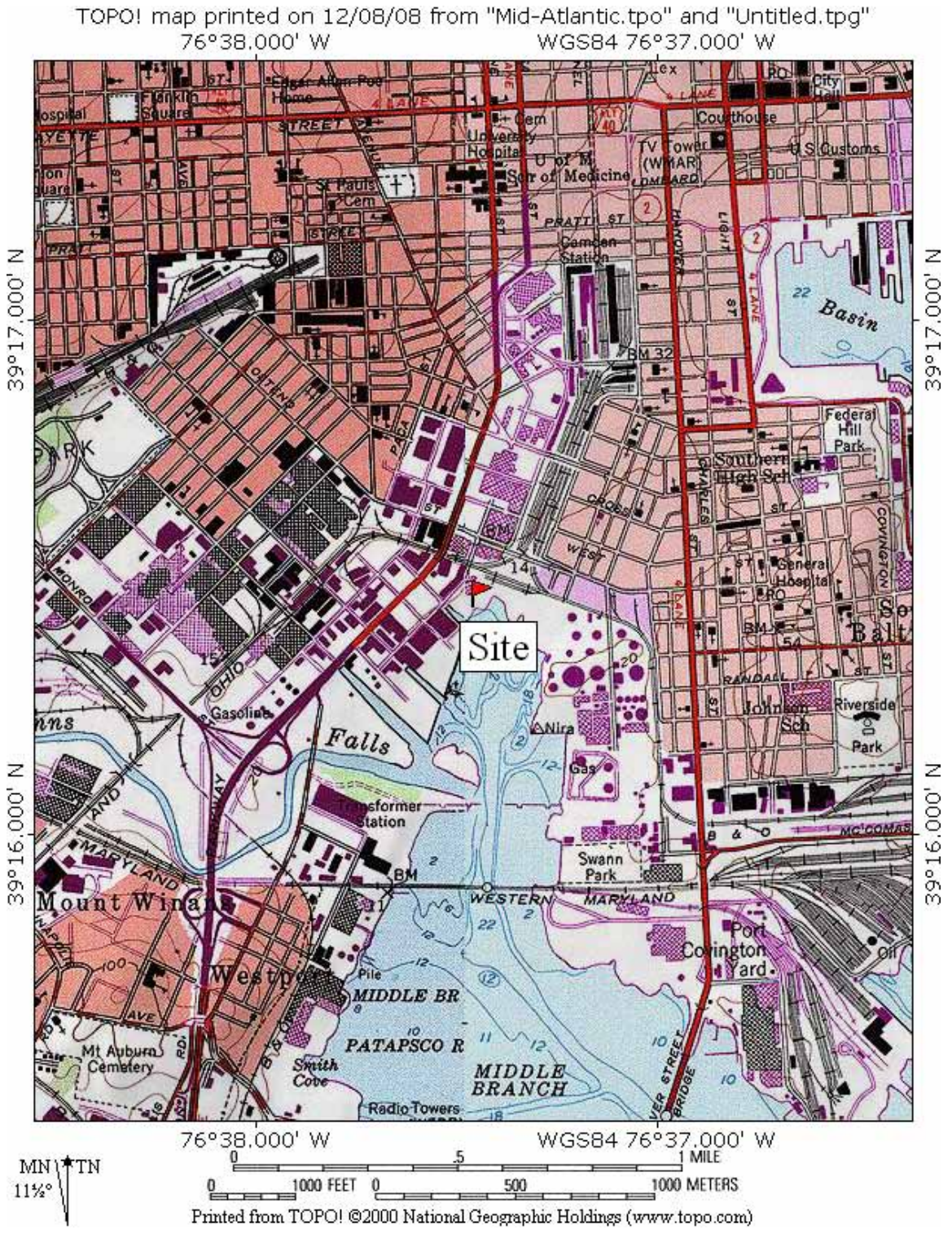
Arc Environmental, Inc. 2008. *Phase I Environmental Site Assessment Report, Lot J, 1411 Warner Street, Baltimore, Maryland 21230.* December.

Maryland Department of the Environment (MDE). 2008. *State of Maryland Department of the Environment Cleanup Standards for Soil and Groundwater Interim Final Guidance, Update No. 2.1.* June.

MDE. 2006. *Voluntary Cleanup Program Guidance Document. Maryland Department of the Environment Environmental Restoration and Redevelopment Program.* March.

TAB 1

FIGURES



CONTENT: USGS TOPOGRAPHICAL MAP

FIG 1	DATE SITE SURVEYED: December 3, 2008	**Baltimore Development Corporation** **Lot J** **1411 Warner Street** **Baltimore, Maryland**	Arc *Environmental, Inc.* 1311 Haubert Street, Baltimore, MD 21230 TEL (410) 659-9971 FAX (410) 962-1065

STOCKHOLM STREET

WARNER STREET

SB-1
MW-1

SB-2

SB-3

SB-4
MW-2

SB-5
MW-3

SB-6
MW-4

SB-7

SB-8

SB-9

SB-10

PAVEMENT

BIKE PATH

Perpetual
Easement for
Municipal Utilities
and Services

LEGEND

- Property Line
- Fence Line
- Soil Boring Location
- Monitoring Well Location
- Grass or Tree Areas
- Water
- Light Pole

GRAPHIC SCALE

0 10 20 30 40 50 75 100 150

(in feet)

Source: Real Property Plat Dated October 1983.
Not to be used for Construction Purposes.

Arc Environmental, Inc.

LOT J
1411 WARNER STREET
BALTIMORE, MARYLAND 21230

FIGURE 2
SITE PLAN

SCALE - 1:50	JOB No. - 070-9
DRAWN BY - DL	REV BY. - KC
DWG. NAME - Site Plan.dwg	
DATE - 4-6-09	DWG. No. -

STOCKHOLM STREET

WARNER STREET

SB-1
MW-1
89.23

SB-2

SB-3

SB-4
MW-2
85.75

SB-5
MW-3
84.39

SB-6
MW-4
83.96

SB-7

SB-8

SB-9

SB-10

PAVEMENT

BIKE PATH

88.5
88
87.5
87
86.5
86
85.5
85
84.5

Perpetual Easement for Municipal Utilities and Services

LEGEND

- Property Line
- Fence Line
- Soil Boring Location
- Monitoring Well Location
- Grass or Tree Areas
- Water
- Ⓟ Light Pole
- Contour Line
- 84.39 Relative Groundwater Elevation (feet)

GRAPHIC SCALE

0 10 20 30 40 50 75 100 150

(in feet)

Source: Real Property Plat Dated October 1983.
Not to be used for Construction Purposes.

Arc Environmental, Inc.

LOT J
1411 WARNER STREET
BALTIMORE, MARYLAND 21230

FIGURE 3
Contoured Groundwater
Relative Elevation Map: 3-30-09

SCALE - 1:50	JOB No. - 070-9
DRAWN BY - DL	REV BY. - KC
DWG. NAME - Site Plan.dwg	
DATE - 4-6-09	DWG. No. -

TAB 2

TABLES

TABLE 1
GROUNDWATER ELEVATION DATA

Lot J
1411 Warner Street
Baltimore, Maryland 21230

Well Number	Gauging Date	Water Depth (feet)	Relative Groundwater Elevation (feet)	Relative Top of Casing Elevation (feet)	Relative Ground Surface Elevation (feet)
MW-1	3/30/2009	5.69	89.23	94.92	95.18
MW-2	3/30/2009	10.91	85.75	96.66	96.83
MW-3	3/30/2009	15.09	84.39	99.48	99.64
MW-4	3/30/2009	11.32	83.96	95.28	95.50

NOTES:

Water depth was measured from the top of the well casing.

All elevations are relative to an on-Site temporary benchmark which was assinged an arbitrary elevation of 100 feet.

TABLE 2
SOIL SAMPLE ANALYTICAL RESULTS
METALS

Lot J
1411 Warner Street
Baltimore, Maryland 21230

Sample ID	Date	Sample Depth (feet)	Antimony (mg/kg)	Arsenic (mg/kg)	Beryllium (mg/kg)	Cadmium (mg/kg)	Total Chromium (mg/kg)	Hexavalent Chromium (mg/kg)	Copper (mg/kg)	Lead (mg/kg)	Total Mercury (mg/kg)	Elemental Mercury (mg/kg)	Nickel (mg/kg)	Selenium (mg/kg)	Silver (mg/kg)	Thallium (mg/kg)	Zinc (mg/kg)
	MDE NCS:		**41**	**1.9**	**200**	**51**	**310**	**310**	**4,100**	**1,000**	**310***	**---**	**2,000**	**510**	**510**	**7.2**	**31,000**
	Maryland ATC:		**6.0**	**3.6**	**0.66**	**0.73**	**28**	**---**	**12**	**45**	**---**	**0.51**	**13**	**2.2**	**0.94**	**3.9**	**63**
SB-1 0-1	3/26/2009	0-1	ND (2.5)	**1.7**	ND (2.5)	ND (2.5)	**14**		**15**	**18**	ND (0.1)		**8.6**	ND (2.5)	ND (2.5)	ND (2.0)	**31**
SB-1 4-5	3/26/2009	4-5	ND (2.3)	**2.4**	ND (2.3)	ND (2.3)	**11**		**49**	**66**	ND (0.1)		**6.3**	ND (2.3)	ND (2.3)	ND (1.9)	**130**
SB-2 0-1	3/26/2009	0-1	ND (2.6)	**3.3**	ND (2.6)	ND (2.6)	**100**	ND (10)	**28**	**79**	**0.16**		**19**	ND (2.6)	ND (2.6)	ND (2.1)	**69**
SB-2 4-5	3/26/2009	4-5	ND (2.4)	**4.9**	ND (2.4)	ND (2.4)	**49**		**35**	**120**	**0.43**		**20**	ND (2.4)	ND (2.4)	ND (1.9)	**64**
SB-3 0-1	3/26/2009	0-1	ND (2.6)	**2.3**	ND (2.6)	ND (2.6)	**24**		**18**	**61**	**0.11**		**14**	ND (2.6)	ND (2.6)	ND (2.1)	**120**
SB-3 4-5	3/26/2009	4-5	**1.9**	**33**	ND (2.7)	ND (2.7)	**54**	ND (10)	**130**	**250**	**0.82**		**34**	ND (2.7)	ND (2.7)	ND (2.1)	**170**
SB-4 0-1	3/26/2009	0-1	**6.5**	**9.2**	ND (2.6)	ND (2.6)	**22**		**340**	**430**	**0.75**		**16**	ND (2.6)	ND (2.6)	ND (2.1)	**280**
SB-4 4-5	3/26/2009	4-5	ND (2.4)	**6.7**	ND (2.4)	ND (2.4)	**44**		**27**	**39**	**0.18**		**8.8**	ND (2.4)	ND (2.4)	ND (2.0)	**32**
SB-5 0-1	3/26/2009	0-1	**3.1**	**8.8**	ND (2.4)	ND (2.4)	**34**		**91**	**250**	**0.68**		**19**	ND (2.4)	ND (2.4)	ND (1.9)	**160**
SB-5 4-5	3/26/2009	4-5	**1.6**	**6.5**	ND (2.6)	ND (2.6)	**51**		**56**	**180**	**0.6**		**18**	ND (2.6)	ND (2.6)	ND (2.1)	**100**
SB-6 0-1	3/26/2009	0-1	**3.3**	**17**	ND (2.6)	ND (2.6)	**36**		**88**	**270**	**0.62**		**18**	ND (2.6)	ND (2.6)	ND (2.1)	**160**
SB-6 4-5	3/26/2009	4-5	**2.8**	**10**	ND (2.4)	ND (2.4)	**35**		**56**	**250**	**1.3**	**0.510**	**13**	ND (2.4)	ND (2.4)	ND (1.9)	**110**
SB-7 0-1	3/26/2009	0-1	**3.0**	**5.6**	ND (2.5)	ND (2.5)	**30**		**68**	**180**	**0.45**		**14**	ND (2.5)	ND (2.5)	ND (2.0)	**140**
SB-7 4-5	3/26/2009	4-5	**11**	**5.5**	ND (2.4)	ND (2.4)	**24**		**73**	**240**	**0.35**		**13**	ND (2.4)	ND (2.4)	ND (1.9)	**130**
SB-8 0-1	3/26/2009	0-1	**1.3 J**	**4.4**	ND (2.6)	ND (2.6)	**22**		**54**	**130**	**0.21**		**14**	ND (2.6)	ND (2.6)	ND (2.1)	**83**
SB-8 4-5	3/26/2009	4-5	ND (2.5)	**3.0**	ND (2.5)	ND (2.5)	**52**		**29**	**64**	**0.11**		**17**	ND (2.5)	ND (2.5)	ND (2.0)	**40**
SB-9 0-1	3/26/2009	0-1	**1.7 J**	**5.8**	ND (2.7)	ND (2.7)	**34**		**61**	**350**	**0.82**	**0.204**	**15**	ND (2.7)	ND (2.7)	ND (2.2)	**160**
SB-10 0-1	3/26/2009	0-1	ND (2.3)	**2.4**	ND (2.3)	ND (2.3)	**23**		**19**	**54**	**0.10**		**11**	ND (2.3)	ND (2.3)	ND (1.8)	**61**
SB-10 4-5	3/26/2009	4-5	ND (2.6)	**1.5**	ND (2.6)	ND (2.6)	**42**		**11**	**42**	**0.09 J**		**14**	ND (2.6)	ND (2.6)	ND (2.1)	**20**
DUP 0-1	3/26/2009	0-1	**1.8**	**5.5**	ND (2.5)	ND (2.5)	**25**		**65**	**170**	**0.22**		**17**	ND (2.5)	ND (2.5)	ND (2.0)	**110**
DUP 4-5	3/26/2009	4-5	ND (2.6)	**3.6**	ND (2.6)	ND (2.6)	**71**		**32**	**85**	**0.16**		**25**	ND (2.6)	ND (2.6)	ND (2.1)	**51**

NOTES:

mg/kg = milligrams per kilogram.

MDE NCS = Maryland Department of the Environment Generic Cleanup Standard for non-residential soils (June 2008).

Maryland ATC = Anticipated Typical Concentrations (ATC) reference levels of metals in the State of Maryland (eastern region), Appendix 2, Attachment 2 of MDE Cleanup Standards, 2008.

--- = No Standard.

ND = Not Detected. The practical quantitation limit is in parentheses.

J = The target analyte was positively identified below the reporting limit but greater than one-half of the reporting limit.

Blank cell = Not analyzed.

Bold cell = Element detected above the practical quantitation limit.

Bold and Yellow Shaded cell = Element detected above the higher of either the Maryland ATC or the MDE NCS.

Samples Dup 0-1 and Dup 4-5 are duplicate samples of the SB-8 0-1 and SB-8 4-5 samples, respectively.

TABLE 3
SOIL SAMPLE ANALYTICAL RESULTS
SEMI-VOLATILE ORGANIC COMPOUNDS

Lot J
1411 Warner Street
Baltimore, Maryland 21230

Sample ID	Date	Sample Depth (feet)	Acenaphthene (µg/kg)	Anthracene (µg/kg)	Benzo(a) anthracene (µg/kg)	Benzo(a) pyrene (µg/kg)	Benzo(b) fluoranthene (µg/kg)	Benzo(g,h,i) perylene (µg/kg)	Benzo(k) fluoranthene (µg/kg)	bis(2-ethylhexyl) phthalate (µg/kg)	Chrysene (µg/kg)	Dibenz(a,h) Anthracene (µg/kg)	Fluoranthene (µg/kg)	Fluorene (µg/kg)	Indeno(1,2,3-cd)pyrene (µg/kg)	2-Methyl naphthalene (µg/kg)	Napthalene (µg/kg)	Penanthrene (µg/kg)	Pyrene (µg/kg)
		MDE NCS:	**6,100,000**	**31,000,000**	**3,900**	**390**	**3,900**	**3,100,000**	**39,000**	**200,000**	**390,000**	**390**	**4,100,000**	**4,100,000**	**3,900**	**410,000**	**2,000,000**	**31,000,000**	**3,100,000**
SB-1 0-1	3/26/2009	0-1	ND (8,700)	ND (8,700)	ND (8,700)	ND (1,200)	ND (8,700)	ND (8,700)	ND (8,700)	ND (8,700)	ND (8,700)	ND (1,200)	ND (8,700)	ND (8,700)	ND (8,700)	ND (8,700)	ND (8,700)	ND (8,700)	ND (8,700)
SB-1 4-5	3/26/2009	4-5	ND (180)	ND (180)	ND (180)	**45**	ND (180)	ND (180)	ND (180)	ND (180)	ND (180)	ND (26)	**96 J**	ND (180)	ND (180)	ND (180)	ND (180)	**98J**	**230**
SB-2 0-1	3/26/2009	0-1	ND (190)	ND (190)	**190**	**190**	**200**	**170 J**	**180 J**	**160 J**	**220**	**61**	**160 J**	ND (190)	**130 J**	ND (190)	ND (190)	**220**	**660**
SB-2 4-5	3/26/2009	4-5	ND (180)	ND (180)	ND (180)	**48**	ND (180)	ND (180)	ND (180)	ND (180)	ND (180)	ND (25)	**100 J**	ND (180)	ND (180)	ND (180)	ND (180)	ND (180)	**110 J**
SB-3 0-1	3/26/2009	0-1	ND (1,800)	ND (1,800)	ND (1,800)	**480**	ND (1,800)	ND (1,800)	ND (1,800)	ND (1,800)	ND (1,800)	ND (260)	ND (1,800)	ND (1,800)	ND (1,800)	ND (1,800)	ND (1,800)	ND (1,800)	**1,300 J**
SB-3 4-5	3/26/2009	4-5	**98**	ND (190)	**210**	**220**	**250**	**180**	**200**	ND (190)	**230**	**55**	**310**	**110 J**	**160 J**	**100 J**	ND (190)	**380**	**780**
SB-4 0-1	3/26/2009	0-1	ND (190)	**100 J**	**510**	**520**	**460**	**400**	**500**	ND (190)	**570**	**130**	**660**	ND (190)	**370**	ND (190)	ND (190)	**520**	**1,600**
SB-4 4-5	3/26/2009	4-5	ND (190)	ND (190)	ND (190)	ND (26)	ND (190)	ND (190)	ND (190)	ND (190)	ND (190)	ND (26)	ND (190)	ND (190)	ND (190)	ND (190)	ND (190)	ND (190)	ND (190)
SB-5 0-1	3/26/2009	0-1	ND (190)	ND (190)	**480**	**460**	**450**	**340**	**520**	ND (190)	**540**	**170**	**700**	ND (190)	**300**	ND (190)	ND (190)	**610**	**1,600**
SB-5 4-5	3/26/2009	4-5	ND (190)	ND (190)	**300**	**280**	**300**	**160 J**	**280**	ND (190)	**320**	**67**	**560**	ND (190)	**150 J**	ND (190)	ND (190)	**450**	**630**
SB-6 0-1	3/26/2009	0-1	ND (180)	**210**	**760**	**800**	**710**	**640**	**750**	**120 J**	**840**	**190**	**1,200**	**100 J**	**520**	**260**	**140 J**	**1,100**	**2,100**
SB-6 4-5	3/26/2009	4-5	ND (1,900)	ND (1,900)	ND (1,900)	ND (260)	ND (1,900)	ND (1,900)	ND (1,900)	ND (1,900)	ND (1,900)	ND (260)	ND (1,900)	ND (1,900)	ND (1,900)	ND (1,900)	ND (1,900)	ND (1,900)	ND (1,900)
SB-7 0-1	3/26/2009	0-1	ND (1,900)	ND (1,900)	ND (1,900)	**400**	ND (1,900)	ND (1,900)	ND (1,900)	ND (1,900)	ND (1,900)	ND (260)	ND (1,900)	ND (1,900)	ND (1,900)	ND (1,900)	ND (1,900)	ND (1,900)	**1300 J**
SB-7 4-5	3/26/2009	4-5	ND (200)	ND (200)	**260**	**250**	**270**	**250**	**200**	ND (200)	**270**	**100**	**300**	ND (200)	**170 J**	ND (200)	ND (200)	**240**	**870**
SB-8 0-1	3/26/2009	0-1	ND (190)	ND (190)	**360**	**390**	**340**	**250**	**340**	**5,600**	**420**	ND (26)	**300**	ND (190)	**260**	ND (190)	ND (190)	**390**	**1500**
SB-8 4-5	3/26/2009	4-5	ND (200)	ND (200)	ND (200)	ND (28)	ND (200)	ND (200)	ND (200)	ND (200)	ND (200)	ND (28)	ND (200)	ND (200)	ND (200)	ND (200)	ND (200)	ND (200)	ND (200)
SB-9 0-1	3/26/2009	0-1	ND (190)	ND (190)	**360**	**320**	**310**	**260**	**250**	ND (190)	**370**	**89**	**570**	ND (190)	**200**	ND (190)	ND (190)	**440**	**850**
SB-10 0-1	3/26/2009	0-1	ND (180)	ND (180)	**290**	**230**	**250**	**210**	**230**	**130 J**	**350**	ND (25)	**300**	ND (180)	**180 J**	ND (180)	ND (180)	**440**	**1,200**
SB-10 4-5	3/26/2009	4-5	ND (180)	ND (180)	ND (180)	ND (25)	ND (180)	ND (180)	ND (180)	ND (180)	ND (180)	ND (25)	ND (180)	ND (180)	ND (180)	ND (180)	ND (180)	ND (180)	ND (180)
DUP 0-1	3/26/2009	0-1	ND (1,800)	ND (1,800)	ND (1,800)	ND (250)	ND (1,800)	ND (1,800)	ND (1,800)	**6,500**	ND (1,800)	ND (250)	ND (250)	ND (250)	ND (250)	ND (250)	ND (250)	ND (250)	ND (250)
DUP 4-5	3/26/2009	4-5	ND (200)	ND (200)	ND (200)	ND (28)	ND (200)	ND (200)	ND (200)	ND (200)	ND (200)	ND (28)	ND (200)	ND (200)	ND (200)	ND (200)	ND (200)	ND (200)	ND (200)

NOTES:
µg/kg = micrograms per kilogram.
MDE NCS = Maryland Department of the Environment Generic Cleanup Standard for non-residential soils (June 2008).
--- = No Standard.
ND = Not Detected. The practical quantitation limit is in parentheses.
J = The target analyte was positively identified below the reporting limit but greater than one-half of the reporting limit.
Blank cell = Not analyzed.
Bold cell = Compound detected above the practical quantitation limit.
Bold and Yellow Shaded cell = Compound detected above the MDE NCS.
Samples Dup 0-1 and Dup 4-5 are duplicate samples of the SB-8 0-1 and SB-8 4-5 samples, respectively.
The listed compounds were detected in one or more samples. For the full list of compounds analyzed, please refer to the laboratory reports.

TABLE 4
SOIL SAMPLE ANALYTICAL RESULTS
ORGANOCHLORINE PESTICIDES

Lot J
1411 Warner Street
Baltimore, Maryland 21230

Sample ID	Date	Sample Depth (feet)	a-Chlordane (µg/kg)	g-Chlordane (µg/kg)
		MDE NCS:	**8,200**	**8,200**
SB-1 0-1	3/26/2009	0-1	ND (22)	ND (22)
SB-1 4-5	3/26/2009	4-5	ND (21)	ND (21)
SB-2 0-1	3/26/2009	0-1	**29**	**21 J**
SB-2 4-5	3/26/2009	4-5	ND (21)	ND (21)
SB-3 0-1	3/26/2009	0-1	**61**	**47**
SB-3 4-5	3/26/2009	4-5	ND (23)	ND (23)
SB-4 0-1	3/26/2009	0-1	ND (22)	ND (22)
SB-4 4-5	3/26/2009	4-5	ND (22)	ND (22)
SB-5 0-1	3/26/2009	0-1	ND (22)	ND (22)
SB-5 4-5	3/26/2009	4-5	ND (22)	ND (22)
SB-6 0-1	3/26/2009	0-1	ND (22)	ND (22)
SB-6 4-5	3/26/2009	4-5	ND (110)	ND (110)
SB-7 0-1	3/26/2009	0-1	**27**	**21 J**
SB-7 4-5	3/26/2009	4-5	ND (110)	ND (110)
SB-8 0-1	3/26/2009	0-1	**16 J**	**13 J**
SB-8 4-5	3/26/2009	4-5	ND (23)	ND (23)
SB-9 0-1	3/26/2009	0-1	ND (22)	ND (22)
SB-10 0-1	3/26/2009	0-1	**43 E**	**32**
SB-10 4-5	3/26/2009	4-5	ND (21)	ND (21)
DUP 0-1	3/26/2009	0-1	ND (21)	ND (21)
DUP 4-5	3/26/2009	4-5	ND (23)	ND (23)

NOTES:

µg/kg = micrograms per kilogram.

MDE NCS = Maryland Department of the Environment Generic Cleanup Standard for non-residential soils (June 2008).

--- = No Standard.

ND = Not Detected. The practical quantitation limit is in parentheses.

J = The target analyte was positively identified below the reporting limit but greater than one-half of the reporting limit.

E = The data exceeds the upper calibration limit; therefore, the concentration is reported . as estimated

Blank cell = Not analyzed.

Bold cell = Compound detected above the practical quantitation limit.

Bold and Yellow Shaded cell = Compound detected above the MDE NCS.

Samples Dup 0-1 and Dup 4-5 are duplicate samples of the SB-8 0-1 and SB-8 4-5 samples, respectively.

The listed compounds were detected in one or more samples. For the full list of compounds analyzed, please refer to the laboratory reports.

TABLE 5
SOIL SAMPLE ANALYTICAL RESULTS
POLYCHLORINATED BIPHENYLS

Lot J
1411 Warner Street
Baltimore, Maryland 21230

Sample ID	Date	Sample Depth (feet)	Aroclor 1016 (mg/kg)	Aroclor 1221 (mg/kg)	Aroclor 1232 (mg/kg)	Aroclor 1242 (mg/kg)	Aroclor 1248 (mg/kg)	Aroclor 1254 (mg/kg)	Aroclor 1260 (mg/kg)
		MDE NCS:	**41**	**1.4**	**1.4**	**1.4**	**1.4**	**1.4**	**1.4**
SB-1 0-1	3/26/2009	0-1	ND (0.1)	ND (0.1)	ND (0.1)	ND (0.1)	ND (0.1)	ND (0.1)	ND (0.1)
SB-2 0-1	3/26/2009	0-1	ND (0.1)	ND (0.1)	ND (0.1)	ND (0.1)	ND (0.1)	ND (0.1)	**0.3**
SB-3 0-1	3/26/2009	0-1	ND (0.1)	ND (0.1)	ND (0.1)	ND (0.1)	ND (0.1)	ND (0.1)	**0.2**
SB-4 0-1	3/26/2009	0-1	ND (0.1)	ND (0.1)	ND (0.1)	ND (0.1)	ND (0.1)	ND (0.1)	ND (0.1)
SB-5 0-1	3/26/2009	0-1	ND (0.1)	ND (0.1)	ND (0.1)	ND (0.1)	ND (0.1)	ND (0.1)	ND (0.1)
SB-6 0-1	3/26/2009	0-1	ND (0.1)	ND (0.1)	ND (0.1)	ND (0.1)	ND (0.1)	ND (0.1)	ND (0.1)
SB-7 0-1	3/26/2009	0-1	ND (0.1)	ND (0.1)	ND (0.1)	ND (0.1)	ND (0.1)	ND (0.1)	**0.3**
SB-8 0-1	3/26/2009	0-1	ND (0.1)	ND (0.1)	ND (0.1)	ND (0.1)	ND (0.1)	ND (0.1)	**0.2**
SB-9 0-1	3/26/2009	0-1	ND (0.1)	ND (0.1)	ND (0.1)	ND (0.1)	ND (0.1)	ND (0.1)	ND (0.1)
SB-10 0-1	3/26/2009	0-1	ND (0.1)	ND (0.1)	ND (0.1)	ND (0.1)	ND (0.1)	ND (0.1)	**0.3**
DUP 0-1	3/26/2009	0-1	ND (0.1)	ND (0.1)	ND (0.1)	ND (0.1)	ND (0.1)	ND (0.1)	ND (0.1)

NOTES:

mg/kg = milligrams per kilogram.

MDE NCS = Maryland Department of the Environment Generic Cleanup Standard for non-residential soil (June 2008).

--- = No Standard.

ND = Not Detected. The practical quantitation limit is in parentheses.

J = The target analyte was positively identified below the reporting limit but greater than one-half of the reporting limit.

Blank cell = Not analyzed.

Bold cell = Compound detected above the practical quantitation limit.

Bold and Yellow Shaded cell = Compound detected above the MDE NCS.

Sample Dup 0-1 is a duplicate sample of the SB-8 0-1 sample.

TABLE 6
SOIL SAMPLE ANALYTICAL RESULTS
VOLATILE ORGANIC COMPOUNDS

Lot J
1411 Warner Street
Baltimore, Maryland 21230

Sample ID	Date	Sample Depth (feet)	Benzene (µg/kg)	Carbon Disulfide	1,1-Dichloroethane (µg/kg)	1,1,1-Trichloethane (µg/kg)	m&p-Xylene (µg/kg)
		MDE NCS:	**520,000**	**10,000,000**	**20,000,000**	**200,000,000**	**20,000,000**
SB-1 4-5	3/26/2009	4-5	ND (8)	**8 J**	ND (8)	ND (8)	ND (15)
SB-2 4-5	3/26/2009	4-5	ND (6)	ND (12)	ND (6)	ND (6)	ND (12)
SB-3 4-5	3/26/2009	4-5	ND (6)	ND (12)	ND (6)	ND (6)	ND (12)
SB-4 4-5	3/26/2009	4-5	**7**	ND (10)	**11**	**19**	ND (10)
SB-5 4-5	3/26/2009	4-5	ND (5)	ND (11)	ND (5)	ND (5)	**9 J**
SB-6 4-5	3/26/2009	4-5	ND (6)	ND (13)	ND (6)	ND (6)	ND (13)
SB-7 4-5	3/26/2009	4-5	ND (5)	ND (11)	ND (5)	ND (5)	ND (11)
SB-8 4-5	3/26/2009	4-5	ND (5)	ND (11)	ND (5)	ND (5)	ND (11)
SB-10 4-5	3/26/2009	4-5	ND (4)	ND (9)	ND (4)	ND (4)	ND (9)
DUP 4-5	3/26/2009	4-5	ND (6)	ND (11)	ND (6)	ND (6)	ND (11)

NOTES:

µg/kg = micrograms per kilogram.

MDE NCS = Maryland Department of the Environment Generic Cleanup Standard for non-residential soils (June 2008).

--- = No Standard.

ND = Not Detected. The practical quantitation limit is in parentheses.

J = The target analyte was positively identified below the reporting limit but greater than on-half of the reporting limit.

Blank cell = Not analyzed.

Bold cell = Compound detected above the practical quantitation limit.

Bold and Yellow Shaded cell = Compound detected above the MDE NCS.

Sample Dup 4-5 is a duplicate sample of the SB-8 4-5 sample.

The listed compounds were detected in one or more samples. For the full list of compounds analyzed, please refer to the laboratory reports.

TABLE 7
SOIL SAMPLE ANALYTICAL RESULTS
TOTAL PETROLEUM HYDROCARBONS

Lot J
1411 Warner Street
Baltimore, Maryland 21230

Sample ID	Date	Sample Depth (feet)	TPH-DRO (mg/kg)	TPH-GRO (mg/kg)
		MDE NCS:	**620**	**620**
SB-1 4-5	3/26/2009	4-5	**16**	ND (0.110)
SB-2 4-5	3/26/2009	4-5	**19**	ND (0.110)
SB-3 4-5	3/26/2009	4-5	**150**	**0.840**
SB-4 4-5	3/26/2009	4-5	ND (11)	ND (0.110)
SB-5 4-5	3/26/2009	4-5	**18**	ND (0.110)
SB-6 4-5	3/26/2009	4-5	**130**	ND (0.110)
SB-7 4-5	3/26/2009	4-5	**87**	ND (0.120)
SB-8 4-5	3/26/2009	4-5	**6.9**	ND (0.120)
SB-10 4-5	3/26/2009	4-5	**550**	**2**
DUP 4-5	3/26/2009	4-5	ND (12)	ND (0.120)

NOTES:
mg/kg = milligrams per kilogram.
TPH-DRO = Total Petroleum Hydrocarbons - Deisel Range Organics.
TPH-GRO = Total Petroleum Hydrocarbons - Gasoline Range Organics.
MDE NCS = Maryland Department of the Environment Generic Cleanup Standard for non-residential soils (June 2008).
--- = No Standard.
ND = Not Detected. The practical quantitation limit is in parentheses.
J = The target analyte was positively identified below the reporting limit but greater than one-half of the reporting limit.
Blank cell = Not analyzed.
Bold cell = Compound detected above the practical quantitation limit.
Bold and Yellow Shaded cell = Compound detected above the MDE NCS.
Sample Dup 4-5 is a duplicate sample of the SB-8 4-5 sample.

TABLE 8
SUMMARY OF GROUNDWATER SAMPLE RESULTS

Lot J
1411 Warner Street
Baltimore, Maryland 21230

	MDE GWS	MW-1	MW-2	MW-3	MW-4
	Sample Date:	**3/30/2009**	**3/30/2009**	**3/30/2009**	**3/30/2009**
Metals (mg/L)					
Arsenic	**0.01**	**0.002**	**0.008**	**0.01**	
Chromium	**0.1**	ND (0.001)	**0.003**	ND (0.001)	
Lead	**0.015**	ND (0.001)	ND (0.001)	**0.001**	
Nickel	**0.073**	**0.001**	**0.001**	ND (0.001)	
Volatile Organic Compounds (µg/L)					
Chloroform	**80**	**7.1**	ND (5)	ND (5)	ND (5)
Methyl tert-butyl ether	**20**	ND (5)	ND (5)	**6.4**	ND (5)
Total Petroleum Hydrocarbons (mg/L)					
TPH-DRO	**0.047**	ND (0.04)	ND (0.04)	ND (0.04)	**0.0846**
TPH-GRO	**0.047**	ND (0.04)	ND (0.04)	ND (0.04)	**0.0283 J**

NOTES:

MDE GWS = Maryland Department of the Environment Groundwater Standards for Type I and II Aquifers (June 2008).
mg/l = milligrams per liter.
µg/L = micrograms per liter.
TPH-DRO = Total Petroleum Hydrocarbons - Diesel Range Organics.
TPH-GRO = Total Petroleum Hydrocarbons - Gasoline Range Organics.
ND = Not Detected. The practical quantitation limit is in parentheses.
J = The target analyte was positively identified below the reporting limit but greater than one-half of the reporting limit.
Blank cell = Not analyzed.
Bold cell = Compound reported above the method detection limit.
Bold and Yellow Shaded Cell = Compound detected above the MDE GWS.
The listed compounds were detected in one or more samples. For the full list of compounds analyzed, please refer to the laboratory reports.

TAB 3

Soil Boring Logs

LOG OF SOIL BORING

Arc Environmental, Inc.
1311 Haubert Street
Baltimore, MD 21230

Coordinates:
Surface Elevation:
Casing Above Sur:
Reference Elevation:
Reference Desc:

Job. No.	Client:	Location: 1411 Warner Street
070-9	Baltimore Development Corporation	Baltimore, MD
Drilling Method: Direct Push Geoprobe 2" OD Steel Rods		Boring No. SB-1
Sampling Method: 48" long poly-liners		Sheet 1 of 1

				Drilling	
Water Level				Start	Finish
Time				9:30 AM	10:00 AM
Date					
Reference					

Sample Type	Inches Drvn/In. Recvrd	Dpth. Csg.	Sample No.	PID ppm	CGI %LEL	Depth in Feet	USCS Log	Surface Conditions: Asphalt
liner	48/48		SB-1 0-1	0		0		Asphalt and brown fine SAND
				0		1		
				0		2		
				0		3		Brick fragments, gravel, wood and fine brown sand
liner	48/12		SB-1 4-5	0		4		
				0		5		
				0		6		
				0		7		
liner	48/12			0		8		Brown coarse SAND and gravel with some brick and coal fragments, wet
				0		9		
				0		10		
				0		11		
liner	48/12			0		12		
				0		13		
				0		14		
				0		15		
liner	48/48			0		16		
				0		17		Olive green coarse SAND and gravel, wet
				0		18		
				0		19		Dark olive green CLAY with some silt, wet
liner	48/48			0		20		Dark olive green CLAY, wet
				0		21		
				0		22		
				0		23		Dark olive green SAND with little gravel and silt, wet Borehole terminated at 24 feet. Monitoring well installed to 23 feet
						24		

Logged by: Kathy Christensen Date: 03/26/2009

Drilling Contractor: Earth Matters Driller: Paul Van Doren

LOG OF SOIL BORING

Arc Environmental, Inc.
1311 Haubert Street
Baltimore, MD 21230

Job. No.	Client:	Location: 1411 Warner Street
070-9	Baltimore Development Corporation	Baltimore, MD

Drilling Method: Direct Push Geoprobe
2" OD Steel Rods

Boring No. SB-2

Sampling Method: 48" long poly-liners

Sheet 1 of 1

Coordinates:
Surface Elevation:
Casing Above Sur:
Reference Elevation:
Reference Desc:

				Drilling	
Water Level				Start	Finish
Time				5:00 PM	5:20 PM
Date					
Reference					

Sample Type	Inches Drvn/In. Recvrd	Dpth. Csg.	Sample No.	PID ppm	CGI %LEL	Depth in Feet	USCS Log	Surface Conditions: Asphalt
liner	48/48		SB-2 0-1	0		0		Asphalt and brown fine SAND
				0		1		
				0		2		
				0		3		Brown coarse SAND with gravel, coal and brick fragments
liner	48/48		SB-2 4-5	0		4		
				0		5		Brown CLAY
				0		6		Brick and coal fragments
				0		7		Gray CLAY
liner	48/48			0		8		
				0		9		
				0		10		Olive green coarse SAND and gravel, moist
				0		11		Dark olive green CLAY, moist
liner	48/36			0		12		Brown coarse SAND and gravel, wet
				0		13		Light grayish-green CLAY, wet
				0		14		Green fine SAND and gravel, wet
				0		15		Borehole terminated at 16 feet
						16		
						17		
						18		
						19		
						20		

Logged by: Kathy Christensen Date: 03/26/2009

Drilling Contractor: Earth Matters Driller: Paul Van Doren

LOG OF SOIL BORING

Arc Environmental, Inc.
1311 Haubert Street
Baltimore, MD 21230

Job. No.	Client:	Location: 1411 Warner Street
070-9	Baltimore Development Corporation	Baltimore, MD

Drilling Method: Direct Push Geoprobe
2" OD Steel Rods

Boring No. SB-3

Sampling Method: 48" long poly-liners

Sheet 1 of 1

Coordinates:
Surface Elevation:
Casing Above Sur:
Reference Elevation:
Reference Desc:

				Drilling	
Water Level				Start	Finish
Time				3:55 PM	4:20 PM
Date					
Reference					

Surface Conditions: Asphalt

Sample Type	Inches Drvn/In. Recvrd	Dpth. Csg.	Sample No.	PID ppm	CGI %LEL	Depth in Feet	USCS Log	
liner	48/48		SB-3 0-1	0		0		Asphalt and brown fine SAND
				0		1		
				0		2		
				0		3		Dark brown coarse SAND with gravel, coal and brick fragments
liner	48/48		SB-3 4-5	7.2		4		
				7.2		5		
				0		6		
				0		7		
liner	48/48			0		8		
				0		9		
				0		10		
				0		11		
liner	48/48			0		12		
				0		13		
				0		14		
				0		15		Borehole terminated at 16 feet
						16		
						17		
						18		
						19		
						20		

Logged by: Kathy Christensen Date: 03/26/2009

Drilling Contractor: Earth Matters Driller: Paul Van Doren

LOG OF SOIL BORING

Arc Environmental, Inc.
1311 Haubert Street
Baltimore, MD 21230

Coordinates:
Surface Elevation:
Casing Above Sur:
Reference Elevation:
Reference Desc:

Job. No.	Client:	Location: 1411 Warner Street
070-9	Baltimore Development Corporation	Baltimore, MD
Drilling Method: Direct Push Geoprobe 2" OD Steel Rods		Boring No. SB-4
Sampling Method: 48" long poly-liners		Sheet 1 of 1

				Drilling	
Water Level				Start	Finish
Time				8:30 AM	9:00 AM
Date					
Reference					

Sample Type	Inches Drvn/In. Recvrd	Dpth. Csg.	Sample No.	PID ppm	CGI %LEL	Depth in Feet	USCS Log	Surface Conditions: Grass
liner	48/48		SB-4 0-1	0		0		Light brown medium fine SAND
				0		1		Dark brown coarse SAND and gravel
				0		2		
				0		3		
								Gravel
liner	48/48		SB-4 4-5	0		4		
				0		5		Light brown fine SAND with little clay
				0		6		Gray CLAY with some silt, gravel and brick fragments
				0		7		
liner	48/48			0		8		
				0		9		
				0		10		
				0		11		Greenish-gray CLAY, moist around 11 feet
liner	48/48			0		12		
				0		13		Dark brown fine SAND and gravel, moist with a slight oily sheen, no odor
				0		14		
				0		15		Greenish-brown CLAY with some silt, moist
liner	48/48			0		16		Dark brown coarse SAND and gravel, wet
				0		17		
				0		18		Greenish-brown coarse SAND and gravel, moist Brown coarse SAND and gravel, wet
				0		19		Dark brown fine SAND with little gravel, wet
liner	48/48			0		20		
				0		21		Greenish-brown medium fine SAND with little silt and gravel, wet
				0		22		
				0		23		Brown fine SAND Light brown CLAY, wet
						24		Borehole terminated at 24 feet. Monitoring well installed to 23 feet

Logged by: Kathy Christensen Date: 03/26/2009

Drilling Contractor: Earth Matters Driller: Paul Van Doren

LOG OF SOIL BORING

Arc Environmental, Inc.
1311 Haubert Street
Baltimore, MD 21230

Coordinates:
Surface Elevation:
Casing Above Sur:
Reference Elevation:
Reference Desc:

Job. No.	Client:	Location: 1411 Warner Street
070-9	Baltimore Development Corporation	Baltimore, MD
Drilling Method: Direct Push Geoprobe 2" OD Steel Rods		Boring No. SB-5
Sampling Method: 48" long poly-liners		Sheet 1 of 1

				Drilling	
Water Level				Start	Finish
Time				11:34 AM	12:00 PM
Date					
Reference					

Surface Conditions: Grass

Sample Type	Inches Drvn/In. Recvrd	Dpth. Csg.	Sample No.	PID ppm	CGI %LEL	Depth in Feet	USCS Log	
liner	48/24		SB-5 0-1	0		0		Dark brown coarse SAND and gravel with cobble and brick fragments towards 5 feet
				0		1		
				0		2		
				0		3		
liner	48/36		SB-5 4-5	0		4		
				0		5		Light tan medium fine SAND with little gravel
				0		6		Dark tannish-red CLAY, brick fragments around 8 feet
				0		7		
liner	48/48			0		8		
				0		9		
				0		10		Brown fine SAND with gravel and brick fragments
				0		11		Dark tannish-red CLAY
liner	48/48			0		12		
				0		13		
				0		14		
				0		15		Light gray CLAY
liner	48/48			0		16		
				0		17		
				0		18		Gray fine SAND and silt with coal fragments around 19 feet, wet
				0		19		Dark reddish-brown coarse SAND, wet
liner	48/48			0		20		
				0		21		Dark gray CLAY, wet
								Green fine SAND, wet
				0		22		Dark gray CLAY with wood fragments toward base, wet
				0		23		Borehole terminated at 24 feet. Monitoring well installed to 23.5 feet
						24		

Logged by: Kathy Christensen Date: 03/26/2009

Drilling Contractor: Earth Matters Driller: Paul Van Doren

LOG OF SOIL BORING

Arc Environmental, Inc.
1311 Haubert Street
Baltimore, MD 21230

Coordinates:
Surface Elevation:
Casing Above Sur:
Reference Elevation:
Reference Desc:

Job. No.	Client:	Location: 1411 Warner Street
070-9	Baltimore Development Corporation	Baltimore, MD
Drilling Method: Direct Push Geoprobe 2" OD Steel Rods		Boring No. SB-6
Sampling Method: 48" long poly-liners		Sheet 1 of 1

				Drilling	
Water Level				Start	Finish
Time				10:50 AM	11:20 AM
Date					
Reference					

Sample Type	Inches Drvn/In. Recvrd	Dpth. Csg.	Sample No.	PID ppm	CGI %LEL	Depth in Feet	USCS Log	Surface Conditions: Grass
liner	48/48		SB-6 0-1	0		0		Dark brown medium fine SAND with some gravel
				0		1		
				0		2		Gravel
				0		3		Brown medium fine SAND with some gravel and brick fragments
liner	48/48		SB-6 4-5	0		4		
				0		5		Tan CLAY
				0		6		Brown fine SAND with little gravel
				0		7		Brick fragments, gravel and coal
liner	48/36			0		8		
				0		9		
				0		10		Greenish-brown CLAY
				0		11		Brick and coal fragments
liner	48/48			0		12		
				0		13		Tan CLAY with little gravel, wet
				0		14		
				0		15		
liner	48/36			0		16		Dark olive green fine SAND, wet
				0		17		
				0		18		
				0		19		
liner	48/48			0		20		
				0		21		
				0		22		Dark olive green CLAY, wet
				0		23		Borehole terminated at 24 feet. Monitoring well installed to 23.5 feet
						24		

Logged by: Kathy Christensen Date: 03/26/2009

Drilling Contractor: Earth Matters Driller: Paul Van Doren

LOG OF SOIL BORING

Arc Environmental, Inc.
1311 Haubert Street
Baltimore, MD 21230

Job. No.	Client:	Location: 1411 Warner Street
070-9	Baltimore Development Corporation	Baltimore, MD

Drilling Method: Direct Push Geoprobe
2" OD Steel Rods

Boring No. SB-7

Sampling Method: 48" long poly-liners

Sheet 1 of 1

Coordinates:
Surface Elevation:
Casing Above Sur:
Reference Elevation:
Reference Desc:

				Drilling	
Water Level				Start	Finish
Time				4:35 PM	4:50 PM
Date					
Reference					

Surface Conditions: Asphalt

Sample Type	Inches Drvn/In. Recvrd	Dpth. Csg.	Sample No.	PID ppm	CGI %LEL	Depth in Feet	USCS Log	
liner	48/48		SB-7 0-1	0		0		Asphalt and brown fine SAND
				0		1		
				0		2		
				0		3		Dark brown silty CLAY and gravel
liner	48/24		SB-7 4-5	0		4		
				0		5		Coal and brick fragments Drilling refusal at 6 feet, borehole terminated
						6		
						7		
						8		
						9		
						10		
						11		
						12		
						13		
						14		
						15		
						16		
						17		
						18		
						19		
						20		

Logged by: Kathy Christensen Date: 03/26/2009

Drilling Contractor: Earth Matters Driller: Paul Van Doren

LOG OF SOIL BORING

Arc Environmental, Inc.
1311 Haubert Street
Baltimore, MD 21230

Job. No.	Client:	Location: 1411 Warner Street
070-9	Baltimore Development Corporation	Baltimore, MD

Drilling Method: Direct Push Geoprobe
2" OD Steel Rods

Boring No. SB-8

Sampling Method: 48" long poly-liners

Sheet 1 of 1

Coordinates:
Surface Elevation:
Casing Above Sur:
Reference Elevation:
Reference Desc:

				Drilling	
Water Level				Start	Finish
Time				5:35 PM	5:50 PM
Date					
Reference					

Surface Conditions: Gravel

Sample Type	Inches Drvn/In. Recvrd	Dpth. Csg.	Sample No.	PID ppm	CGI %LEL	Depth in Feet	USCS Log	
liner	48/48		SB-8 0-1	0		0		Asphalt, brown fine SAND and coal fragments
				0		1		
				0		2		
				0		3		Brown coarse SAND and gravel
liner	48/48		SB-8 4-5	0		4		
				0		5		
				0		6		Brick fragments
				0		7		Gray CLAY
liner	48/12			0		8		Brown coarse SAND, gravel and brick fragments
						9		Drilling refusal at 9.5 feet, borehole terminated
						10		
						11		
						12		
						13		
						14		
						15		
						16		
						17		
						18		
						19		
						20		

Logged by: Kathy Christensen Date: 03/26/2009

Drilling Contractor: Earth Matters Driller: Paul Van Doren

LOG OF SOIL BORING

Arc Environmental, Inc.
1311 Haubert Street
Baltimore, MD 21230

Job. No.	Client:	Location: 1411 Warner Street
070-9	Baltimore Development Corporation	Baltimore, MD

Drilling Method: Hand Auger — Boring No. SB-9

Sampling Method: Grab — Sheet 1 of 1

Coordinates:
Surface Elevation:
Casing Above Sur:
Reference Elevation:
Reference Desc:

				Drilling	
Water Level				Start	Finish
Time				1:00 PM	1:45 PM
Date					
Reference					

Surface Conditions: Grass

Sample Type	Inches Drvn/In. Recvrd	Dpth. Csg.	Sample No.	PID ppm	CGI %LEL	Depth in Feet	USCS Log
			SB-9 0-1	0		0	
				0		1	
						2	
						3	
						4	
						5	
						6	
						7	
						8	
						9	
						10	
						11	
						12	
						13	
						14	
						15	
						16	
						17	
						18	
						19	
						20	

Dark brown coarse SAND and gravel
Light brown coarse SAND and gravel

Refusal at 20 inches, borehole terminated

Logged by: Kathy Christensen — Date: 03/26/2009

Drilling Contractor: Arc Environmental — Driller: Ray Goodwin

LOG OF SOIL BORING

Arc Environmental, Inc.
1311 Haubert Street
Baltimore, MD 21230

Job. No.	Client:	Location: 1411 Warner Street
070-9	Baltimore Development Corporation	Baltimore, MD

Drilling Method: Direct Push Geoprobe
2" OD Steel Rods

Boring No. SB-10

Sampling Method: 48" long poly-liners

Sheet 1 of 1

Coordinates:
Surface Elevation:
Casing Above Sur:
Reference Elevation:
Reference Desc:

				Drilling	
Water Level				Start	Finish
Time				3:10 PM	3:40 PM
Date					
Reference					

Surface Conditions: Asphalt

Sample Type	Inches Drvn/In. Recvrd	Dpth. Csg.	Sample No.	PID ppm	CGI %LEL	Depth in Feet	USCS Log	
liner	48/48		SB-10 0-1	0		0		Asphalt and brown fine SAND
				0		1		
				0		2		
				0		3		Light green coarse SAND with gravel and coal fragments, brick fragments towards 11 feet
liner	48/48		SB-10 4-5	0		4		
				0		5		
				0		6		
				0		7		
liner	48/36			14		8		
				14		9		
				14		10		
				9.7		11		Green CLAY with some gravel
liner	48/36			19.1		12		
				19.1		13		
				19.1		14		
				6.7		15		Dark brown coarse SAND and gravel Borehole terminated at 16 feet
						16		
						17		
						18		
						19		
						20		

Logged by: Kathy Christensen Date: 03/26/2009

Drilling Contractor: Earth Matters Driller: Paul Van Doren

TAB 4

Groundwater Sample Collection Data Sheets

WELL PURGE/SAMPLE LOG

Site Name: 1411 Warner Street	**Date: 3/30/09**
Well ID: MW-1	**Sampler: Ray Goodwin**
Depth to Water: 5.69	**Depth to Product:**
Total Well Depth: 23 feet	**(A) Water Column:**
Begin Purge: 9:14 AM	**End Purge: 9:28 AM**
Total Volume Removed:	**(B) Well Diameter:**
(C) Calculate Well Volume: {[(B)/12]x[(B)/12]x3.14159/4}x(A)x7.48 Gal/Cubic Feet=	
Pump Type: (Peristaltic) (Submersible) (Other Write In Type) Peristaltic	
(D) Calculate Three Well Volumes: (C) X 3 =	

Water Quality Measurements

Time	Temperature	SpCond	Dissolved Oxygen	pH	ORP	Turbidity	Comments
9:16 AM	11.8	0.416	0.25	8.99	-47	218	
9:18 AM	11.3	0.406	0.16	9.31	-51	138	
9:20 AM	11.15	0.407	0.11	9.54	-55	71.8	
9:22 AM	11.11	0.406	0.09	9.66	-57	71.7	
9:24 AM	10.99	0.404	0.08	9.75	-59	76.9	
9:26 AM	10.96	0.405	0.08	9.78	-59	72.8	
9:28 AM	10.89	0.403	0.07	9.81	-58	73.2	

Time Sampled: 9:30 AM

Sample ID: MW-1

Sampler Signature: Ray D Goodwin

WELL PURGE/SAMPLE LOG

Site Name: 1411 Warner Street	**Date: 3/30/09**
Well ID: MW-2	**Sampler: Ray Goodwin**
Depth to Water: 10.91	**Depth to Product:**
Total Well Depth: 23 feet	**(A) Water Column:**
Begin Purge: 11:40 AM	**End Purge: 11:54 AM**
Total Volume Removed:	**(B) Well Diameter:**
(C) Calculate Well Volume: {[(B)/12]x[(B)/12]x3.14159/4}x(A)x7.48 Gal/Cubic Feet=	
Pump Type: (Peristaltic) (Submersible) (Other Write In Type) Peristaltic	
(D) Calculate Three Well Volumes: (C) X 3 =	

Water Quality Measurements

Time	Temperature	SpCond	Dissolved Oxygen	pH	ORP	Turbidity	Comments
11:42 AM	12.83	1.46	2.1	7.86	34	163	
11:44 AM	13.4	1.408	0.97	7.8	15	135	
11:46 AM	12.96	1.402	0.61	7.8	7	68	
11:48 AM	12.86	1.402	0.49	7.79	3	43.6	
11:50 AM	12.85	1.399	0.43	7.79	0	32	
11:52 AM	12.84	1.4	0.4	7.79	-1	30.1	
11:54 AM	12.84	1.399	0.39	7.79	-2	28.9	

Time Sampled: 11:56 AM

Sample ID: MW-2

Sampler Signature: Ray D Goodwin

WELL PURGE/SAMPLE LOG

Site Name: 1411 Warner Street	**Date: 3/30/09**
Well ID: MW-3	**Sampler: Ray Goodwin**
Depth to Water: 15.09	**Depth to Product:**
Total Well Depth: 23.5 feet	**(A) Water Column:**
Begin Purge: 10:16 AM	**End Purge: 10:32 AM**
Total Volume Removed:	**(B) Well Diameter:**
(C) Calculate Well Volume: {[(B)/12]x[(B)/12]x3.14159/4}x(A)x7.48 Gal/Cubic Feet=	
Pump Type: (Peristaltic) (Submersible) (Other Write In Type) Peristaltic	
(D) Calculate Three Well Volumes: (C) X 3 =	

Water Quality Measurements

Time	Temperature	SpCond	Dissolved Oxygen	pH	ORP	Turbidity	Comments
10:18 AM	14.67	0.916	1.05	8.09	16	530	
10:20 AM	14.9	0.848	0.51	7.96	-4	443	
10:22 AM	14.98	0.84	0.44	7.95	-15	181	
10:24 AM	15	0.836	0.39	7.96	-23	111	
10:26 AM	15.08	0.834	0.36	7.95	-24	104	
10:28 AM	15.05	0.834	0.31	7.98	-26	86.4	
10:30 AM	15.14	0.833	0.29	7.99	-30	82.7	
10:32 AM	15.1	0.834	0.28	7.99	-29	83.1	

Time Sampled: 10:34 AM

Sample ID: MW-3

Sampler Signature: Ray D Goodwin

WELL PURGE/SAMPLE LOG

Site Name: 1411 Warner Street	**Date: 3/30/09**
Well ID: MW-4	**Sampler: Ray Goodwin**
Depth to Water: 11.32	**Depth to Product:**
Total Well Depth: 22.5 feet	**(A) Water Column:**
Begin Purge: 11:00 AM	**End Purge: 11:16 AM**
Total Volume Removed:	**(B) Well Diameter:**
(C) Calculate Well Volume: {[(B)/12]x[(B)/12]x3.14159/4}x(A)x7.48 Gal/Cubic Feet=	
Pump Type: (Peristaltic) (Submersible) (Other Write In Type) Peristaltic	
(D) Calculate Three Well Volumes: (C) X 3 =	

Water Quality Measurements

Time	Temperature	SpCond	Dissolved Oxygen	pH	ORP	Turbidity	Comments
11:02 AM	14.23	3.74	1.48	7.55	9	66.9	
11:04 AM	14.58	3.4	1.05	7.54	0	72.3	
11:06 AM	14.41	3.44	0.8	7.56	-7	58	
11:08 AM	14.24	3.36	0.62	7.56	-13	31	
11:10 AM	14.2	3.31	0.56	7.57	-16	26.2	
11:12 AM	14.13	3.27	0.52	7.58	-19	28.6	
11:14 AM	14.11	3.25	0.5	7.58	-19	27.2	

Time Sampled: 11:16 AM

Sample ID: MW-4

Sampler Signature: Ray D Goodwin

TAB 5

Laboratory Certificates of Analysis

Analytical Report for

Arc Environmental

Certificate of Analysis No.: 9032703

Project Manager: David Leety

Project Name : 1411 Warner Street

Project Location: Lot J

Project ID : 070-9

April 10, 2009

Phase Separation Science, Inc.

6630 Baltimore National Pike
Baltimore, MD 21228
Phone: (410) 747-8770
Fax: (410) 788-8723

OFFICES:
6630 BALTIMORE NATIONAL PIKE
ROUTE 40 WEST
BALTIMORE, MD 21228
410-747-8770
800-932-9047

PHASE SEPARATION SCIENCE, INC.

April 10, 2009

David Leety
Arc Environmental
1311 Haubert Street
Baltimore, MD 21230

Reference: PSS Work Order No: **9032703**
Project Name : 1411 Warner Street
Project Location: Lot J
Project ID.: 070-9

Dear David Leety :

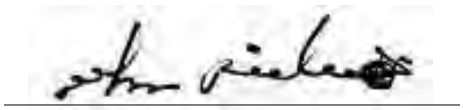
The attached Analytical and QC Summary lists the analytical results from the analyses performed on the samples received under the project name referenced above and identified with the Phase Separation Science (PSS) Work Order numbered **9032703**.

All work reported herein has been performed in accordance with referenced methodologies, PSS Standard Operating Procedures and the PSS Quality Assurance Manual. PSS is limited in liability to the actual cost of the sample analysis done.

PSS reserves the right to return any unused samples, extracts or related solutions. Otherwise, the samples are scheduled for disposal, without any further notice, on May 1, 2009. This includes any samples that were received with a request to be held but lacked a specific hold period. It is your responsibility to provide a written request defining a specific disposal date if additional storage is required. Upon receipt , the request will be acknowledged by PSS, thus extending the storage period.

This report shall not be reproduced except in full, without the written approval of an authorized PSS representative. A copy of this report will be retained by PSS for at least 10 years, after which time it will be disposed without further notice, unless prior arrangements have been made.

We thank you for selecting Phase Separation Science, Inc. to serve your analytical needs. If you have any questions concerning this report, do not hesitate to contact us at 410-747-8770 or info@phaseonline.com.



John Richardson
Laboratory Director

Case Narrative Summary

Client Name: Arc Environmental

Project Name: 1411 Warner Street

Project ID: 070-9

Work Order Number: 9032703

The following samples were received under chain of custody by Phase Separation Science (PSS) on 03/27/2009 at 09:15 am

Lab Sample Id	Sample Id	Matrix	Date/Time Collected
9032703-001	SB-4 0-1	SOIL	03/26/2009 08:51 am
9032703-002	SB-4 4-5	SOIL	03/26/2009 08:55 am
9032703-003	SB-1 0-1	SOIL	03/26/2009 09:40 am
9032703-004	SB-1 4-5	SOIL	03/26/2009 09:45 am
9032703-005	SB-5 0-1	SOIL	03/26/2009 11:05 am
9032703-006	SB-5 4-5	SOIL	03/26/2009 11:10 am
9032703-007	SB-6 0-1	SOIL	03/26/2009 11:40 am
9032703-008	SB-6 4-5	SOIL	03/26/2009 11:45 am
9032703-009	SB-3 0-1	SOIL	03/26/2009 04:05 pm
9032703-010	SB-3 4-5	SOIL	03/26/2009 04:10 pm
9032703-011	SB-2 0-1	SOIL	03/26/2009 05:10 pm
9032703-012	SB-2 4-5	SOIL	03/26/2009 05:15 pm
9032703-013	DUP 0-1	SOIL	03/26/2009 12:00 pm
9032703-014	DUP 4-5	SOIL	03/26/2009 12:10 pm

Please reference the Chain of Custody and Sample Receipt Checklist for specific container counts and preservatives. Any sample conditions not in compliance with sample acceptance criteria are described in the Sample Receipt Checklist.

Any holding time exceedances, deviations from the method specifications, regulatory requirements or variations to the procedures outlined in the PSS Quality Assurance Manual are outlined below.

Narrative Comments:

Revised report changes the volatile reporting list for samples -006 and -008 from TCL to VCP.

Notes:

1. The presence of common laboratory contaminants such as acetone, methylene chloride and phthalates, may be considered a possible laboratory artifact. Where observed, appropriate consideration of data should be taken.
2. The following analytical results are never reported on a dry weight basis: pH, flashpoint, moisture and paint filter test.

Standard Flags/Abbreviations:

B A target analyte or common laboratory contaminant was identified in the method blank. Its presence indicates possible field or laboratory contamination.
C Results Pending Final Confirmation.
D The sample(s) were diluted due to targets detected over the highest point of the calibration curve, or due to matrix interference. Dilution factors are included in the final results. The result is from a diluted sample.
E The data exceeds the upper calibration limit; therefore, the concentration is reported as estimated.
J The target analyte was positively identified below the reporting limit but greater than one-half of the reporting limit.
ND Not Detected at or above the reporting limit.
RL Reporting Limit.
U Not detected.

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PHASE SEPARATION SCIENCE, INC.

CERTIFICATE OF ANALYSIS

No: 9032703

Arc Environmental, Baltimore, MD

April 10, 2009

Project Name: 1411 Warner Street
Project Location: Lot J
Project ID: 070-9

Sample ID: SB-4 0-1 | **Date/Time Sampled: 03/26/2009 08:51** | **PSS Sample ID: 9032703-001**
Matrix: SOIL | **Date/Time Received: 03/27/2009 09:15** | **% Solids: 89**

PP MDE Metals | Analytical Method: SW846 6020A | Preparation Method: SW846 3050B

	Result	Units	Rep Limit	Flag	Dil	Prepared	Analyzed	Analyst
Antimony	**6.5**	mg/kg	2.6		1	03/31/09	04/02/09 15:51	1033
Arsenic	**9.2**	mg/kg	0.3		1	03/31/09	04/02/09 15:51	1033
Beryllium	ND	mg/kg	2.6		1	03/31/09	04/02/09 15:51	1033
Cadmium	ND	mg/kg	2.6		1	03/31/09	04/02/09 15:51	1033
Chromium	**22**	mg/kg	2.6		1	03/31/09	04/02/09 15:51	1033
Copper	**340**	mg/kg	26		10	03/31/09	04/03/09 13:50	1033
Lead	**430**	mg/kg	26		10	03/31/09	04/03/09 13:50	1033
Mercury	**0.75**	mg/kg	0.1		1	03/31/09	04/03/09 13:56	1033
Nickel	**16**	mg/kg	2.6		1	03/31/09	04/02/09 15:51	1033
Selenium	ND	mg/kg	2.6		1	03/31/09	04/02/09 15:51	1033
Silver	ND	mg/kg	2.6		1	03/31/09	04/02/09 15:51	1033
Thallium	ND	mg/kg	2.1		1	03/31/09	04/02/09 15:51	1033
Zinc	**280**	mg/kg	11		1	03/31/09	04/02/09 15:51	1033

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Sample ID: SB-4 0-1 | **Date/Time Sampled: 03/26/2009 08:51** | **PSS Sample ID: 9032703-001**
Matrix: SOIL | **Date/Time Received: 03/27/2009 09:15** | **% Solids: 89**

VCP Organochlorine Pesticides | Analytical Method: SW846 8081B | Preparation Method: SW846 3550

	Result	Units	Rep Limit	Flag	Dil	Prepared	Analyzed	Analyst
4,4-DDD	ND	ug/kg	22		1	03/31/09	04/01/09 23:18	1029
4,4-DDE	ND	ug/kg	22		1	03/31/09	04/01/09 23:18	1029
4,4-DDT	ND	ug/kg	22		1	03/31/09	04/01/09 23:18	1029
Aldrin	ND	ug/kg	22		1	03/31/09	04/01/09 23:18	1029
alpha-BHC	ND	ug/kg	22		1	03/31/09	04/01/09 23:18	1029
alpha-Chlordane	ND	ug/kg	22		1	03/31/09	04/01/09 23:18	1029
beta-BHC	ND	ug/kg	22		1	03/31/09	04/01/09 23:18	1029
delta-BHC	ND	ug/kg	22		1	03/31/09	04/01/09 23:18	1029
Dieldrin	ND	ug/kg	22		1	03/31/09	04/01/09 23:18	1029
Endosulfan I	ND	ug/kg	22		1	03/31/09	04/01/09 23:18	1029
Endosulfan II	ND	ug/kg	22		1	03/31/09	04/01/09 23:18	1029
Endosulfan sulfate	ND	ug/kg	22		1	03/31/09	04/01/09 23:18	1029
Endrin	ND	ug/kg	22		1	03/31/09	04/01/09 23:18	1029
Endrin aldehyde	ND	ug/kg	22		1	03/31/09	04/01/09 23:18	1029
Endrin ketone	ND	ug/kg	22		1	03/31/09	04/01/09 23:18	1029
gamma-BHC (Lindane)	ND	ug/kg	22		1	03/31/09	04/01/09 23:18	1029
gamma-Chlordane	ND	ug/kg	22		1	03/31/09	04/01/09 23:18	1029
Heptachlor	ND	ug/kg	22		1	03/31/09	04/01/09 23:18	1029
Heptachlor epoxide	ND	ug/kg	22		1	03/31/09	04/01/09 23:18	1029
Methoxychlor	ND	ug/kg	22		1	03/31/09	04/01/09 23:18	1029
Toxaphene	ND	ug/kg	220		1	03/31/09	04/01/09 23:18	1029

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Arc Environmental, Baltimore, MD

April 10, 2009

Project Name: 1411 Warner Street
Project Location: Lot J
Project ID: 070-9

Sample ID: SB-4 0-1 | **Date/Time Sampled: 03/26/2009 08:51** | **PSS Sample ID: 9032703-001**
Matrix: SOIL | **Date/Time Received: 03/27/2009 09:15** | **% Solids: 89**

Polychlorinated Biphenyls

Analytical Method: SW846 8082A
Preparation Method: SW846 3550
Clean up Method: SW846 3665A

	Result	Units	Rep Limit	Flag	Dil	Prepared	Analyzed	Analyst
PCB-1016	ND	mg/kg	0.1		1	03/30/09	03/31/09 12:08	1029
PCB-1221	ND	mg/kg	0.1		1	03/30/09	03/31/09 12:08	1029
PCB-1232	ND	mg/kg	0.1		1	03/30/09	03/31/09 12:08	1029
PCB-1242	ND	mg/kg	0.1		1	03/30/09	03/31/09 12:08	1029
PCB-1248	ND	mg/kg	0.1		1	03/30/09	03/31/09 12:08	1029
PCB-1254	ND	mg/kg	0.1		1	03/30/09	03/31/09 12:08	1029
PCB-1260	ND	mg/kg	0.1		1	03/30/09	03/31/09 12:08	1029

VCP Chlorinated Herbicides

Analytical Method: SW846 8151A

	Result	Units	Rep Limit	Flag	Dil	Prepared	Analyzed	Analyst
Dalapon	ND	ug/kg	540		1	03/31/09	04/02/09 13:01	1029
2,4-D	ND	ug/kg	210		1	03/31/09	04/02/09 13:01	1029
2,4,5-TP (Silvex)	ND	ug/kg	21		1	03/31/09	04/02/09 13:01	1029
Dinoseb	ND	ug/kg	110		1	03/31/09	04/02/09 13:01	1029

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Matrix: SOIL | **Date/Time Received: 03/27/2009 09:15** | **% Solids: 89**

TCL Semivolatile Organic Compounds | Analytical Method: SW846 8270C | Preparation Method: SW846 3550

	Result	Units	Rep Limit	Flag	Dil	Prepared	Analyzed	Analyst
Acenaphthene	ND	ug/kg	190		1	03/30/09	03/30/09 19:23	1014
Acenaphthylene	ND	ug/kg	190		1	03/30/09	03/30/09 19:23	1014
Anthracene	**100**	ug/kg	190	J	1	03/30/09	03/30/09 19:23	1014
Benzo(a)anthracene	**510**	ug/kg	190		1	03/30/09	03/30/09 19:23	1014
Benzo(a)pyrene	**520**	ug/kg	26		1	03/30/09	03/30/09 19:23	1014
Benzo(b)fluoranthene	**460**	ug/kg	190		1	03/30/09	03/30/09 19:23	1014
Benzo(g,h,i)perylene	**400**	ug/kg	190		1	03/30/09	03/30/09 19:23	1014
Benzo(k)fluoranthene	**500**	ug/kg	190		1	03/30/09	03/30/09 19:23	1014
bis(2-chloroethyl) ether	ND	ug/kg	190		1	03/30/09	03/30/09 19:23	1014
bis(2-chloroisopropyl) ether	ND	ug/kg	190		1	03/30/09	03/30/09 19:23	1014
bis(2-ethylhexyl) phthalate	ND	ug/kg	190		1	03/30/09	03/30/09 19:23	1014
Di-n-butyl phthalate	ND	ug/kg	370		1	03/30/09	03/30/09 19:23	1014
Carbazole	ND	ug/kg	190		1	03/30/09	03/30/09 19:23	1014
4-Chloroaniline	ND	ug/kg	370		1	03/30/09	03/30/09 19:23	1014
2-Chloronaphthalene	ND	ug/kg	190		1	03/30/09	03/30/09 19:23	1014
2-Chlorophenol	ND	ug/kg	190		1	03/30/09	03/30/09 19:23	1014
Chrysene	**570**	ug/kg	190		1	03/30/09	03/30/09 19:23	1014
Dibenz(a,h)Anthracene	**130**	ug/kg	26		1	03/30/09	03/30/09 19:23	1014
Dibenzofuran	ND	ug/kg	190		1	03/30/09	03/30/09 19:23	1014
1,2-Dichlorobenzene	ND	ug/kg	190		1	03/30/09	03/30/09 19:23	1014
1,3-Dichlorobenzene	ND	ug/kg	190		1	03/30/09	03/30/09 19:23	1014
1,4-Dichlorobenzene	ND	ug/kg	190		1	03/30/09	03/30/09 19:23	1014
3,3-Dichlorobenzidine	ND	ug/kg	190		1	03/30/09	03/30/09 19:23	1014
2,4-Dichlorophenol	ND	ug/kg	190		1	03/30/09	03/30/09 19:23	1014
Diethyl phthalate	ND	ug/kg	190		1	03/30/09	03/30/09 19:23	1014
2,4-Dimethylphenol	ND	ug/kg	190		1	03/30/09	03/30/09 19:23	1014
2,4-Dinitrophenol	ND	ug/kg	370		1	03/30/09	03/30/09 19:23	1014
2,4-Dinitrotoluene	ND	ug/kg	190		1	03/30/09	03/30/09 19:23	1014
2,6-Dinitrotoluene	ND	ug/kg	190		1	03/30/09	03/30/09 19:23	1014
Fluoranthene	**660**	ug/kg	190		1	03/30/09	03/30/09 19:23	1014

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CERTIFICATE OF ANALYSIS

No: 9032703

Arc Environmental, Baltimore, MD

April 10, 2009

Project Name: 1411 Warner Street
Project Location: Lot J
Project ID: 070-9

Sample ID: SB-4 0-1 | **Date/Time Sampled: 03/26/2009 08:51** | **PSS Sample ID: 9032703-001**
Matrix: SOIL | **Date/Time Received: 03/27/2009 09:15** | **% Solids: 89**

TCL Semivolatile Organic Compounds | Analytical Method: SW846 8270C | Preparation Method: SW846 3550

	Result	Units	Rep Limit	Flag	Dil	Prepared	Analyzed	Analyst
Fluorene	ND	ug/kg	190		1	03/30/09	03/30/09 19:23	1014
Hexachlorobenzene	ND	ug/kg	190		1	03/30/09	03/30/09 19:23	1014
Hexachlorobutadiene	ND	ug/kg	190		1	03/30/09	03/30/09 19:23	1014
Hexachlorocyclopentadiene	ND	ug/kg	190		1	03/30/09	03/30/09 19:23	1014
Hexachloroethane	ND	ug/kg	190		1	03/30/09	03/30/09 19:23	1014
Indeno(1,2,3-c,d)Pyrene	**370**	ug/kg	190		1	03/30/09	03/30/09 19:23	1014
Isophorone	ND	ug/kg	190		1	03/30/09	03/30/09 19:23	1014
2-Methylnaphthalene	ND	ug/kg	190		1	03/30/09	03/30/09 19:23	1014
2-Methyl phenol	ND	ug/kg	190		1	03/30/09	03/30/09 19:23	1014
3&4-Methylphenol	ND	ug/kg	190		1	03/30/09	03/30/09 19:23	1014
Naphthalene	ND	ug/kg	190		1	03/30/09	03/30/09 19:23	1014
Nitrobenzene	ND	ug/kg	190		1	03/30/09	03/30/09 19:23	1014
N-Nitrosodi-n-propyl amine	ND	ug/kg	74		1	03/30/09	03/30/09 19:23	1014
N-Nitrosodiphenylamine	ND	ug/kg	190		1	03/30/09	03/30/09 19:23	1014
Pentachlorophenol	ND	ug/kg	370		1	03/30/09	03/30/09 19:23	1014
Phenanthrene	**520**	ug/kg	190		1	03/30/09	03/30/09 19:23	1014
Phenol	ND	ug/kg	190		1	03/30/09	03/30/09 19:23	1014
Pyrene	**1,600**	ug/kg	190		1	03/30/09	03/30/09 19:23	1014
Bis(2-ethylhexyl)adipate	ND	ug/kg	190		1	03/30/09	03/30/09 19:23	1014
1,2,4-Trichlorobenzene	ND	ug/kg	190		1	03/30/09	03/30/09 19:23	1014
2,4,6-Trichlorophenol	ND	ug/kg	190		1	03/30/09	03/30/09 19:23	1014
2,4,5-Trichlorophenol	ND	ug/kg	190		1	03/30/09	03/30/09 19:23	1014

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No: 9032703

Arc Environmental, Baltimore, MD

April 10, 2009

Project Name: 1411 Warner Street
Project Location: Lot J
Project ID: 070-9

Sample ID: SB-4 4-5 | **Date/Time Sampled: 03/26/2009 08:55** | **PSS Sample ID: 9032703-002**
Matrix: SOIL | **Date/Time Received: 03/27/2009 09:15** | **% Solids: 89**

PP MDE Metals — Analytical Method: SW846 6020A — Preparation Method: SW846 3050B

	Result	Units	Rep Limit	Flag	Dil	Prepared	Analyzed	Analyst
Antimony	ND	mg/kg	2.4		1	03/31/09	04/02/09 16:22	1033
Arsenic	**6.7**	mg/kg	0.2		1	03/31/09	04/02/09 16:22	1033
Beryllium	ND	mg/kg	2.4		1	03/31/09	04/02/09 16:22	1033
Cadmium	ND	mg/kg	2.4		1	03/31/09	04/02/09 16:22	1033
Chromium	**44**	mg/kg	2.4		1	03/31/09	04/02/09 16:22	1033
Copper	**27**	mg/kg	2.4		1	03/31/09	04/02/09 16:22	1033
Lead	**39**	mg/kg	2.4		1	03/31/09	04/03/09 14:02	1033
Mercury	**0.18**	mg/kg	0.1		1	03/31/09	04/03/09 14:02	1033
Nickel	**8.8**	mg/kg	2.4		1	03/31/09	04/02/09 16:22	1033
Selenium	ND	mg/kg	2.4		1	03/31/09	04/02/09 16:22	1033
Silver	ND	mg/kg	2.4		1	03/31/09	04/02/09 16:22	1033
Thallium	ND	mg/kg	2.0		1	03/31/09	04/02/09 16:22	1033
Zinc	**32**	mg/kg	9.8		1	03/31/09	04/02/09 16:22	1033

Total Petroleum Hydrocarbons - DRO — Analytical Method: SW846 8015C — Preparation Method: SW846 3550

	Result	Units	Rep Limit	Flag	Dil	Prepared	Analyzed	Analyst
TPH-DRO (Diesel Range Organics)	ND	mg/kg	11		1	03/30/09	03/30/09 13:25	1040

Total Petroleum Hydrocarbons-GRO — Analytical Method: SW846 8015C — Preparation Method: SW846 5030

	Result	Units	Rep Limit	Flag	Dil	Prepared	Analyzed	Analyst
TPH-GRO (Gasoline Range Organics)	ND	ug/kg	110		1	03/27/09	03/27/09 17:13	1035

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Project Name: 1411 Warner Street
Project Location: Lot J
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Sample ID: SB-4 4-5 | **Date/Time Sampled: 03/26/2009 08:55** | **PSS Sample ID: 9032703-002**
Matrix: SOIL | **Date/Time Received: 03/27/2009 09:15** | **% Solids: 89**

VCP Organochlorine Pesticides — Analytical Method: SW846 8081B — Preparation Method: SW846 3550

	Result	Units	Rep Limit	Flag	Dil	Prepared	Analyzed	Analyst
4,4-DDD	ND	ug/kg	22		1	03/31/09	04/01/09 13:29	1029
4,4-DDE	ND	ug/kg	22		1	03/31/09	04/01/09 13:29	1029
4,4-DDT	ND	ug/kg	22		1	03/31/09	04/01/09 13:29	1029
Aldrin	ND	ug/kg	22		1	03/31/09	04/01/09 13:29	1029
alpha-BHC	ND	ug/kg	22		1	03/31/09	04/01/09 13:29	1029
alpha-Chlordane	ND	ug/kg	22		1	03/31/09	04/01/09 13:29	1029
beta-BHC	ND	ug/kg	22		1	03/31/09	04/01/09 13:29	1029
delta-BHC	ND	ug/kg	22		1	03/31/09	04/01/09 13:29	1029
Dieldrin	ND	ug/kg	22		1	03/31/09	04/01/09 13:29	1029
Endosulfan I	ND	ug/kg	22		1	03/31/09	04/01/09 13:29	1029
Endosulfan II	ND	ug/kg	22		1	03/31/09	04/01/09 13:29	1029
Endosulfan sulfate	ND	ug/kg	22		1	03/31/09	04/01/09 13:29	1029
Endrin	ND	ug/kg	22		1	03/31/09	04/01/09 13:29	1029
Endrin aldehyde	ND	ug/kg	22		1	03/31/09	04/01/09 13:29	1029
Endrin ketone	ND	ug/kg	22		1	03/31/09	04/01/09 13:29	1029
gamma-BHC (Lindane)	ND	ug/kg	22		1	03/31/09	04/01/09 13:29	1029
gamma-Chlordane	ND	ug/kg	22		1	03/31/09	04/01/09 13:29	1029
Heptachlor	ND	ug/kg	22		1	03/31/09	04/01/09 13:29	1029
Heptachlor epoxide	ND	ug/kg	22		1	03/31/09	04/01/09 13:29	1029
Methoxychlor	ND	ug/kg	22		1	03/31/09	04/01/09 13:29	1029
Toxaphene	ND	ug/kg	220		1	03/31/09	04/01/09 13:29	1029

VCP Chlorinated Herbicides — Analytical Method: SW846 8151A

	Result	Units	Rep Limit	Flag	Dil	Prepared	Analyzed	Analyst
Dalapon	ND	ug/kg	540		1	03/31/09	04/02/09 13:35	1029
2,4-D	ND	ug/kg	220		1	03/31/09	04/02/09 13:35	1029
2,4,5-TP (Silvex)	ND	ug/kg	22		1	03/31/09	04/02/09 13:35	1029
Dinoseb	ND	ug/kg	110		1	03/31/09	04/02/09 13:35	1029

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Project Name: 1411 Warner Street
Project Location: Lot J
Project ID: 070-9

Sample ID: SB-4 4-5 | **Date/Time Sampled: 03/26/2009 08:55** | **PSS Sample ID: 9032703-002**
Matrix: SOIL | **Date/Time Received: 03/27/2009 09:15** | **% Solids: 89**

TCL Volatile Organic Compounds | Analytical Method: SW846 8260B | Preparation Method: SW846 5035A

	Result	Units	Rep Limit	Flag	Dil	Prepared	Analyzed	Analyst
Chloromethane	ND	ug/kg	5		1	03/27/09	03/27/09 15:58	1011
Vinyl Chloride	ND	ug/kg	5		1	03/27/09	03/27/09 15:58	1011
Bromomethane	ND	ug/kg	5		1	03/27/09	03/27/09 15:58	1011
Chloroethane	ND	ug/kg	5		1	03/27/09	03/27/09 15:58	1011
Acetone	ND	ug/kg	20		1	03/27/09	03/27/09 15:58	1011
1,1-Dichloroethene	ND	ug/kg	5		1	03/27/09	03/27/09 15:58	1011
Methylene Chloride	ND	ug/kg	5		1	03/27/09	03/27/09 15:58	1011
trans-1,2-Dichloroethene	ND	ug/kg	5		1	03/27/09	03/27/09 15:58	1011
Methyl-t-butyl ether	ND	ug/kg	5		1	03/27/09	03/27/09 15:58	1011
1,1-Dichloroethane	**11**	ug/kg	5		1	03/27/09	03/27/09 15:58	1011
2-Butanone	ND	ug/kg	20		1	03/27/09	03/27/09 15:58	1011
cis-1,2-Dichloroethene	ND	ug/kg	5		1	03/27/09	03/27/09 15:58	1011
Chloroform	ND	ug/kg	5		1	03/27/09	03/27/09 15:58	1011
1,1,1-Trichloroethane	**19**	ug/kg	5		1	03/27/09	03/27/09 15:58	1011
1,2-Dichloroethane	ND	ug/kg	5		1	03/27/09	03/27/09 15:58	1011
Carbon Tetrachloride	ND	ug/kg	5		1	03/27/09	03/27/09 15:58	1011
Benzene	**7**	ug/kg	5		1	03/27/09	03/27/09 15:58	1011
1,2-Dichloropropane	ND	ug/kg	5		1	03/27/09	03/27/09 15:58	1011
Carbon Disulfide	ND	ug/kg	10		1	03/27/09	03/27/09 15:58	1011
Trichloroethene	ND	ug/kg	5		1	03/27/09	03/27/09 15:58	1011
Bromodichloromethane	ND	ug/kg	5		1	03/27/09	03/27/09 15:58	1011
cis-1,3-Dichloropropene	ND	ug/kg	5		1	03/27/09	03/27/09 15:58	1011
4-Methyl-2-Pentanone	ND	ug/kg	20		1	03/27/09	03/27/09 15:58	1011
trans-1,3-Dichloropropene	ND	ug/kg	5		1	03/27/09	03/27/09 15:58	1011
1,1,2-Trichloroethane	ND	ug/kg	5		1	03/27/09	03/27/09 15:58	1011
Toluene	ND	ug/kg	5		1	03/27/09	03/27/09 15:58	1011
1,2-Dibromoethane	ND	ug/kg	5		1	03/27/09	03/27/09 15:58	1011
Dibromochloromethane	ND	ug/kg	5		1	03/27/09	03/27/09 15:58	1011
Bromoform	ND	ug/kg	5		1	03/27/09	03/27/09 15:58	1011
Tetrachloroethene	ND	ug/kg	5		1	03/27/09	03/27/09 15:58	1011

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PHASE SEPARATION SCIENCE, INC.

CERTIFICATE OF ANALYSIS

No: 9032703

Arc Environmental, Baltimore, MD

April 10, 2009

Project Name: 1411 Warner Street
Project Location: Lot J
Project ID: 070-9

Sample ID: SB-4 4-5 | **Date/Time Sampled: 03/26/2009 08:55** | **PSS Sample ID: 9032703-002**
Matrix: SOIL | **Date/Time Received: 03/27/2009 09:15** | **% Solids: 89**

TCL Volatile Organic Compounds | Analytical Method: SW846 8260B | Preparation Method: SW846 5035A

	Result	Units	Rep Limit	Flag	Dil	Prepared	Analyzed	Analyst
Chlorobenzene	ND	ug/kg	5		1	03/27/09	03/27/09 15:58	1011
Ethylbenzene	ND	ug/kg	5		1	03/27/09	03/27/09 15:58	1011
m,p-Xylenes	ND	ug/kg	10		1	03/27/09	03/27/09 15:58	1011
Styrene	ND	ug/kg	5		1	03/27/09	03/27/09 15:58	1011
1,1,2,2-Tetrachloroethane	ND	ug/kg	5		1	03/27/09	03/27/09 15:58	1011
o-Xylene	ND	ug/kg	5		1	03/27/09	03/27/09 15:58	1011
Isopropylbenzene	ND	ug/kg	5		1	03/27/09	03/27/09 15:58	1011
n-Propylbenzene	ND	ug/kg	5		1	03/27/09	03/27/09 15:58	1011
1,3,5-Trimethylbenzene	ND	ug/kg	5		1	03/27/09	03/27/09 15:58	1011
1,2,4-Trimethylbenzene	ND	ug/kg	5		1	03/27/09	03/27/09 15:58	1011
n-Butylbenzene	ND	ug/kg	5		1	03/27/09	03/27/09 15:58	1011
1,2-Dibromo-3-Chloropropane	ND	ug/kg	41		1	03/27/09	03/27/09 15:58	1011

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No: 9032703
Arc Environmental, Baltimore, MD
April 10, 2009

Project Name: 1411 Warner Street
Project Location: Lot J
Project ID: 070-9

Sample ID: SB-4 4-5 | **Date/Time Sampled: 03/26/2009 08:55** | **PSS Sample ID: 9032703-002**
Matrix: SOIL | **Date/Time Received: 03/27/2009 09:15** | **% Solids: 89**

TCL Semivolatile Organic Compounds | Analytical Method: SW846 8270C | Preparation Method: SW846 3550

	Result	Units	Rep Limit	Flag	Dil	Prepared	Analyzed	Analyst
Acenaphthene	ND	ug/kg	190		1	03/30/09	03/30/09 15:32	1014
Acenaphthylene	ND	ug/kg	190		1	03/30/09	03/30/09 15:32	1014
Anthracene	ND	ug/kg	190		1	03/30/09	03/30/09 15:32	1014
Benzo(a)anthracene	ND	ug/kg	190		1	03/30/09	03/30/09 15:32	1014
Benzo(a)pyrene	ND	ug/kg	26		1	03/30/09	03/30/09 15:32	1014
Benzo(b)fluoranthene	ND	ug/kg	190		1	03/30/09	03/30/09 15:32	1014
Benzo(g,h,i)perylene	ND	ug/kg	190		1	03/30/09	03/30/09 15:32	1014
Benzo(k)fluoranthene	ND	ug/kg	190		1	03/30/09	03/30/09 15:32	1014
bis(2-chloroethyl) ether	ND	ug/kg	190		1	03/30/09	03/30/09 15:32	1014
bis(2-chloroisopropyl) ether	ND	ug/kg	190		1	03/30/09	03/30/09 15:32	1014
bis(2-ethylhexyl) phthalate	ND	ug/kg	190		1	03/30/09	03/30/09 15:32	1014
Di-n-butyl phthalate	ND	ug/kg	370		1	03/30/09	03/30/09 15:32	1014
Carbazole	ND	ug/kg	190		1	03/30/09	03/30/09 15:32	1014
4-Chloroaniline	ND	ug/kg	370		1	03/30/09	03/30/09 15:32	1014
2-Chloronaphthalene	ND	ug/kg	190		1	03/30/09	03/30/09 15:32	1014
2-Chlorophenol	ND	ug/kg	190		1	03/30/09	03/30/09 15:32	1014
Chrysene	ND	ug/kg	190		1	03/30/09	03/30/09 15:32	1014
Dibenz(a,h)Anthracene	ND	ug/kg	26		1	03/30/09	03/30/09 15:32	1014
Dibenzofuran	ND	ug/kg	190		1	03/30/09	03/30/09 15:32	1014
1,2-Dichlorobenzene	ND	ug/kg	190		1	03/30/09	03/30/09 15:32	1014
1,3-Dichlorobenzene	ND	ug/kg	190		1	03/30/09	03/30/09 15:32	1014
1,4-Dichlorobenzene	ND	ug/kg	190		1	03/30/09	03/30/09 15:32	1014
3,3-Dichlorobenzidine	ND	ug/kg	190		1	03/30/09	03/30/09 15:32	1014
2,4-Dichlorophenol	ND	ug/kg	190		1	03/30/09	03/30/09 15:32	1014
Diethyl phthalate	ND	ug/kg	190		1	03/30/09	03/30/09 15:32	1014
2,4-Dimethylphenol	ND	ug/kg	190		1	03/30/09	03/30/09 15:32	1014
2,4-Dinitrophenol	ND	ug/kg	370		1	03/30/09	03/30/09 15:32	1014
2,4-Dinitrotoluene	ND	ug/kg	190		1	03/30/09	03/30/09 15:32	1014
2,6-Dinitrotoluene	ND	ug/kg	190		1	03/30/09	03/30/09 15:32	1014
Fluoranthene	ND	ug/kg	190		1	03/30/09	03/30/09 15:32	1014

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CERTIFICATE OF ANALYSIS

No: 9032703

Arc Environmental, Baltimore, MD

April 10, 2009

Project Name: 1411 Warner Street
Project Location: Lot J
Project ID: 070-9

Sample ID: SB-4 4-5 | **Date/Time Sampled: 03/26/2009 08:55** | **PSS Sample ID: 9032703-002**
Matrix: SOIL | **Date/Time Received: 03/27/2009 09:15** | **% Solids: 89**

TCL Semivolatile Organic Compounds | Analytical Method: SW846 8270C | Preparation Method: SW846 3550

	Result	Units	Rep Limit	Flag	Dil	Prepared	Analyzed	Analyst
Fluorene	ND	ug/kg	190		1	03/30/09	03/30/09 15:32	1014
Hexachlorobenzene	ND	ug/kg	190		1	03/30/09	03/30/09 15:32	1014
Hexachlorobutadiene	ND	ug/kg	190		1	03/30/09	03/30/09 15:32	1014
Hexachlorocyclopentadiene	ND	ug/kg	190		1	03/30/09	03/30/09 15:32	1014
Hexachloroethane	ND	ug/kg	190		1	03/30/09	03/30/09 15:32	1014
Indeno(1,2,3-c,d)Pyrene	ND	ug/kg	190		1	03/30/09	03/30/09 15:32	1014
Isophorone	ND	ug/kg	190		1	03/30/09	03/30/09 15:32	1014
2-Methylnaphthalene	ND	ug/kg	190		1	03/30/09	03/30/09 15:32	1014
2-Methyl phenol	ND	ug/kg	190		1	03/30/09	03/30/09 15:32	1014
3&4-Methylphenol	ND	ug/kg	190		1	03/30/09	03/30/09 15:32	1014
Naphthalene	ND	ug/kg	190		1	03/30/09	03/30/09 15:32	1014
Nitrobenzene	ND	ug/kg	190		1	03/30/09	03/30/09 15:32	1014
N-Nitrosodi-n-propyl amine	ND	ug/kg	75		1	03/30/09	03/30/09 15:32	1014
N-Nitrosodiphenylamine	ND	ug/kg	190		1	03/30/09	03/30/09 15:32	1014
Pentachlorophenol	ND	ug/kg	370		1	03/30/09	03/30/09 15:32	1014
Phenanthrene	ND	ug/kg	190		1	03/30/09	03/30/09 15:32	1014
Phenol	ND	ug/kg	190		1	03/30/09	03/30/09 15:32	1014
Pyrene	ND	ug/kg	190		1	03/30/09	03/30/09 15:32	1014
Bis(2-ethylhexyl)adipate	ND	ug/kg	190		1	03/30/09	03/30/09 15:32	1014
1,2,4-Trichlorobenzene	ND	ug/kg	190		1	03/30/09	03/30/09 15:32	1014
2,4,6-Trichlorophenol	ND	ug/kg	190		1	03/30/09	03/30/09 15:32	1014
2,4,5-Trichlorophenol	ND	ug/kg	190		1	03/30/09	03/30/09 15:32	1014

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CERTIFICATE OF ANALYSIS

No: 9032703

Arc Environmental, Baltimore, MD

April 10, 2009

Project Name: 1411 Warner Street
Project Location: Lot J
Project ID: 070-9

Sample ID: SB-1 0-1 | **Date/Time Sampled: 03/26/2009 09:40** | **PSS Sample ID: 9032703-003**
Matrix: SOIL | **Date/Time Received: 03/27/2009 09:15** | **% Solids: 95**

PP MDE Metals | Analytical Method: SW846 6020A | Preparation Method: SW846 3050B

	Result	Units	Rep Limit	Flag	Dil	Prepared	Analyzed	Analyst
Antimony	ND	mg/kg	2.5		1	03/31/09	04/02/09 16:28	1033
Arsenic	**1.7**	mg/kg	0.2		1	03/31/09	04/02/09 16:28	1033
Beryllium	ND	mg/kg	2.5		1	03/31/09	04/02/09 16:28	1033
Cadmium	ND	mg/kg	2.5		1	03/31/09	04/02/09 16:28	1033
Chromium	**14**	mg/kg	2.5		1	03/31/09	04/02/09 16:28	1033
Copper	**15**	mg/kg	2.5		1	03/31/09	04/02/09 16:28	1033
Lead	**18**	mg/kg	2.5		1	03/31/09	04/03/09 14:09	1033
Mercury	ND	mg/kg	0.1		1	03/31/09	04/03/09 14:09	1033
Nickel	**8.6**	mg/kg	2.5		1	03/31/09	04/02/09 16:28	1033
Selenium	ND	mg/kg	2.5		1	03/31/09	04/02/09 16:28	1033
Silver	ND	mg/kg	2.5		1	03/31/09	04/02/09 16:28	1033
Thallium	ND	mg/kg	2.0		1	03/31/09	04/02/09 16:28	1033
Zinc	**31**	mg/kg	9.9		1	03/31/09	04/02/09 16:28	1033

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Project ID: 070-9

Sample ID: SB-1 0-1 | **Date/Time Sampled: 03/26/2009 09:40** | **PSS Sample ID: 9032703-003**
Matrix: SOIL | **Date/Time Received: 03/27/2009 09:15** | **% Solids: 95**

VCP Organochlorine Pesticides | Analytical Method: SW846 8081B | Preparation Method: SW846 3550

	Result	Units	Rep Limit	Flag	Dil	Prepared	Analyzed	Analyst
4,4-DDD	ND	ug/kg	20		1	03/31/09	04/01/09 19:33	1029
4,4-DDE	ND	ug/kg	20		1	03/31/09	04/01/09 19:33	1029
4,4-DDT	ND	ug/kg	20		1	03/31/09	04/01/09 19:33	1029
Aldrin	ND	ug/kg	20		1	03/31/09	04/01/09 19:33	1029
alpha-BHC	ND	ug/kg	20		1	03/31/09	04/01/09 19:33	1029
alpha-Chlordane	ND	ug/kg	20		1	03/31/09	04/01/09 19:33	1029
beta-BHC	ND	ug/kg	20		1	03/31/09	04/01/09 19:33	1029
delta-BHC	ND	ug/kg	20		1	03/31/09	04/01/09 19:33	1029
Dieldrin	ND	ug/kg	20		1	03/31/09	04/01/09 19:33	1029
Endosulfan I	ND	ug/kg	20		1	03/31/09	04/01/09 19:33	1029
Endosulfan II	ND	ug/kg	20		1	03/31/09	04/01/09 19:33	1029
Endosulfan sulfate	ND	ug/kg	20		1	03/31/09	04/01/09 19:33	1029
Endrin	ND	ug/kg	20		1	03/31/09	04/01/09 19:33	1029
Endrin aldehyde	ND	ug/kg	20		1	03/31/09	04/01/09 19:33	1029
Endrin ketone	ND	ug/kg	20		1	03/31/09	04/01/09 19:33	1029
gamma-BHC (Lindane)	ND	ug/kg	20		1	03/31/09	04/01/09 19:33	1029
gamma-Chlordane	ND	ug/kg	20		1	03/31/09	04/01/09 19:33	1029
Heptachlor	ND	ug/kg	20		1	03/31/09	04/01/09 19:33	1029
Heptachlor epoxide	ND	ug/kg	20		1	03/31/09	04/01/09 19:33	1029
Methoxychlor	ND	ug/kg	20		1	03/31/09	04/01/09 19:33	1029
Toxaphene	ND	ug/kg	200		1	03/31/09	04/01/09 19:33	1029

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April 10, 2009

Project Name: 1411 Warner Street
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Project ID: 070-9

Sample ID: SB-1 0-1 | **Date/Time Sampled: 03/26/2009 09:40** | **PSS Sample ID: 9032703-003**
Matrix: SOIL | **Date/Time Received: 03/27/2009 09:15** | **% Solids: 95**

Polychlorinated Biphenyls

Analytical Method: SW846 8082A

Preparation Method: SW846 3550
Clean up Method: SW846 3665A

	Result	Units	Rep Limit	Flag	Dil	Prepared	Analyzed	Analyst
PCB-1016	ND	mg/kg	0.1		1	03/30/09	03/30/09 14:51	1029
PCB-1221	ND	mg/kg	0.1		1	03/30/09	03/30/09 14:51	1029
PCB-1232	ND	mg/kg	0.1		1	03/30/09	03/30/09 14:51	1029
PCB-1242	ND	mg/kg	0.1		1	03/30/09	03/30/09 14:51	1029
PCB-1248	ND	mg/kg	0.1		1	03/30/09	03/30/09 14:51	1029
PCB-1254	ND	mg/kg	0.1		1	03/30/09	03/30/09 14:51	1029
PCB-1260	ND	mg/kg	0.1		1	03/30/09	03/30/09 14:51	1029

VCP Chlorinated Herbicides

Analytical Method: SW846 8151A

	Result	Units	Rep Limit	Flag	Dil	Prepared	Analyzed	Analyst
Dalapon	ND	ug/kg	520		1	03/31/09	04/02/09 14:08	1029
2,4-D	ND	ug/kg	210		1	03/31/09	04/02/09 14:08	1029
2,4,5-TP (Silvex)	ND	ug/kg	21		1	03/31/09	04/02/09 14:08	1029
Dinoseb	ND	ug/kg	100		1	03/31/09	04/02/09 14:08	1029

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Matrix: SOIL | **Date/Time Received: 03/27/2009 09:15** | **% Solids: 95**

TCL Semivolatile Organic Compounds | Analytical Method: SW846 8270C | Preparation Method: SW846 3550

	Result	Units	Rep Limit	Flag	Dil	Prepared	Analyzed	Analyst
Acenaphthene	ND	ug/kg	8,700		10	03/30/09	04/01/09 15:37	1014
Acenaphthylene	ND	ug/kg	8,700		10	03/30/09	04/01/09 15:37	1014
Anthracene	ND	ug/kg	8,700		10	03/30/09	04/01/09 15:37	1014
Benzo(a)anthracene	ND	ug/kg	8,700		10	03/30/09	04/01/09 15:37	1014
Benzo(a)pyrene	ND	ug/kg	1,200		10	03/30/09	04/01/09 15:37	1014
Benzo(b)fluoranthene	ND	ug/kg	8,700		10	03/30/09	04/01/09 15:37	1014
Benzo(g,h,i)perylene	ND	ug/kg	8,700		10	03/30/09	04/01/09 15:37	1014
Benzo(k)fluoranthene	ND	ug/kg	8,700		10	03/30/09	04/01/09 15:37	1014
bis(2-chloroethyl) ether	ND	ug/kg	8,700		10	03/30/09	04/01/09 15:37	1014
bis(2-chloroisopropyl) ether	ND	ug/kg	8,700		10	03/30/09	04/01/09 15:37	1014
bis(2-ethylhexyl) phthalate	ND	ug/kg	8,700		10	03/30/09	04/01/09 15:37	1014
Di-n-butyl phthalate	ND	ug/kg	17,000		10	03/30/09	04/01/09 15:37	1014
Carbazole	ND	ug/kg	8,700		10	03/30/09	04/01/09 15:37	1014
4-Chloroaniline	ND	ug/kg	17,000		10	03/30/09	04/01/09 15:37	1014
2-Chloronaphthalene	ND	ug/kg	8,700		10	03/30/09	04/01/09 15:37	1014
2-Chlorophenol	ND	ug/kg	8,700		10	03/30/09	04/01/09 15:37	1014
Chrysene	ND	ug/kg	8,700		10	03/30/09	04/01/09 15:37	1014
Dibenz(a,h)Anthracene	ND	ug/kg	1,200		10	03/30/09	04/01/09 15:37	1014
Dibenzofuran	ND	ug/kg	8,700		10	03/30/09	04/01/09 15:37	1014
1,2-Dichlorobenzene	ND	ug/kg	8,700		10	03/30/09	04/01/09 15:37	1014
1,3-Dichlorobenzene	ND	ug/kg	8,700		10	03/30/09	04/01/09 15:37	1014
1,4-Dichlorobenzene	ND	ug/kg	8,700		10	03/30/09	04/01/09 15:37	1014
3,3-Dichlorobenzidine	ND	ug/kg	8,700		10	03/30/09	04/01/09 15:37	1014
2,4-Dichlorophenol	ND	ug/kg	8,700		10	03/30/09	04/01/09 15:37	1014
Diethyl phthalate	ND	ug/kg	8,700		10	03/30/09	04/01/09 15:37	1014
2,4-Dimethylphenol	ND	ug/kg	8,700		10	03/30/09	04/01/09 15:37	1014
2,4-Dinitrophenol	ND	ug/kg	17,000		10	03/30/09	04/01/09 15:37	1014
2,4-Dinitrotoluene	ND	ug/kg	8,700		10	03/30/09	04/01/09 15:37	1014
2,6-Dinitrotoluene	ND	ug/kg	8,700		10	03/30/09	04/01/09 15:37	1014
Fluoranthene	ND	ug/kg	8,700		10	03/30/09	04/01/09 15:37	1014

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PHASE SEPARATION SCIENCE, INC.

CERTIFICATE OF ANALYSIS

No: 9032703

Arc Environmental, Baltimore, MD

April 10, 2009

Project Name: 1411 Warner Street
Project Location: Lot J
Project ID: 070-9

Sample ID: SB-1 0-1 | **Date/Time Sampled: 03/26/2009 09:40** | **PSS Sample ID: 9032703-003**
Matrix: SOIL | **Date/Time Received: 03/27/2009 09:15** | **% Solids: 95**

TCL Semivolatile Organic Compounds | Analytical Method: SW846 8270C | Preparation Method: SW846 3550

	Result	Units	Rep Limit	Flag	Dil	Prepared	Analyzed	Analyst
Fluorene	ND	ug/kg	8,700		10	03/30/09	04/01/09 15:37	1014
Hexachlorobenzene	ND	ug/kg	8,700		10	03/30/09	04/01/09 15:37	1014
Hexachlorobutadiene	ND	ug/kg	8,700		10	03/30/09	04/01/09 15:37	1014
Hexachlorocyclopentadiene	ND	ug/kg	8,700		10	03/30/09	04/01/09 15:37	1014
Hexachloroethane	ND	ug/kg	8,700		10	03/30/09	04/01/09 15:37	1014
Indeno(1,2,3-c,d)Pyrene	ND	ug/kg	8,700		10	03/30/09	04/01/09 15:37	1014
Isophorone	ND	ug/kg	8,700		10	03/30/09	04/01/09 15:37	1014
2-Methylnaphthalene	ND	ug/kg	8,700		10	03/30/09	04/01/09 15:37	1014
2-Methyl phenol	ND	ug/kg	8,700		10	03/30/09	04/01/09 15:37	1014
3&4-Methylphenol	ND	ug/kg	8,700		10	03/30/09	04/01/09 15:37	1014
Naphthalene	ND	ug/kg	8,700		10	03/30/09	04/01/09 15:37	1014
Nitrobenzene	ND	ug/kg	8,700		10	03/30/09	04/01/09 15:37	1014
N-Nitrosodi-n-propyl amine	ND	ug/kg	3,500		10	03/30/09	04/01/09 15:37	1014
N-Nitrosodiphenylamine	ND	ug/kg	8,700		10	03/30/09	04/01/09 15:37	1014
Pentachlorophenol	ND	ug/kg	17,000		10	03/30/09	04/01/09 15:37	1014
Phenanthrene	ND	ug/kg	8,700		10	03/30/09	04/01/09 15:37	1014
Phenol	ND	ug/kg	8,700		10	03/30/09	04/01/09 15:37	1014
Pyrene	ND	ug/kg	8,700		10	03/30/09	04/01/09 15:37	1014
Bis(2-ethylhexyl)adipate	ND	ug/kg	8,700		10	03/30/09	04/01/09 15:37	1014
1,2,4-Trichlorobenzene	ND	ug/kg	8,700		10	03/30/09	04/01/09 15:37	1014
2,4,6-Trichlorophenol	ND	ug/kg	8,700		10	03/30/09	04/01/09 15:37	1014
2,4,5-Trichlorophenol	ND	ug/kg	8,700		10	03/30/09	04/01/09 15:37	1014

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CERTIFICATE OF ANALYSIS

No: 9032703

Arc Environmental, Baltimore, MD

April 10, 2009

Project Name: 1411 Warner Street
Project Location: Lot J
Project ID: 070-9

Sample ID: SB-1 4-5 | **Date/Time Sampled: 03/26/2009 09:45** | **PSS Sample ID: 9032703-004**
Matrix: SOIL | **Date/Time Received: 03/27/2009 09:15** | **% Solids: 91**

PP MDE Metals — Analytical Method: SW846 6020A — Preparation Method: SW846 3050B

	Result	Units	Rep Limit	Flag	Dil	Prepared	Analyzed	Analyst
Antimony	ND	mg/kg	2.3		1	03/31/09	04/02/09 16:34	1033
Arsenic	**2.4**	mg/kg	0.2		1	03/31/09	04/02/09 16:34	1033
Beryllium	ND	mg/kg	2.3		1	03/31/09	04/02/09 16:34	1033
Cadmium	ND	mg/kg	2.3		1	03/31/09	04/02/09 16:34	1033
Chromium	**11**	mg/kg	2.3		1	03/31/09	04/02/09 16:34	1033
Copper	**49**	mg/kg	2.3		1	03/31/09	04/02/09 16:34	1033
Lead	**66**	mg/kg	2.3		1	03/31/09	04/03/09 14:15	1033
Mercury	ND	mg/kg	0.1		1	03/31/09	04/03/09 14:15	1033
Nickel	**6.3**	mg/kg	2.3		1	03/31/09	04/02/09 16:34	1033
Selenium	ND	mg/kg	2.3		1	03/31/09	04/02/09 16:34	1033
Silver	ND	mg/kg	2.3		1	03/31/09	04/02/09 16:34	1033
Thallium	ND	mg/kg	1.9		1	03/31/09	04/02/09 16:34	1033
Zinc	**130**	mg/kg	9.4		1	03/31/09	04/02/09 16:34	1033

Total Petroleum Hydrocarbons - DRO — Analytical Method: SW846 8015C — Preparation Method: SW846 3550

HF - Heavier fuel/oil pattern observed in sample.

	Result	Units	Rep Limit	Flag	Dil	Prepared	Analyzed	Analyst
TPH-DRO (Diesel Range Organics)	**16**	mg/kg	11	HF	1	03/30/09	03/30/09 16:57	1040

Total Petroleum Hydrocarbons-GRO — Analytical Method: SW846 8015C — Preparation Method: SW846 5030

	Result	Units	Rep Limit	Flag	Dil	Prepared	Analyzed	Analyst
TPH-GRO (Gasoline Range Organics)	ND	ug/kg	110		1	03/30/09	03/30/09 15:41	1035

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CERTIFICATE OF ANALYSIS

No: 9032703
Arc Environmental, Baltimore, MD
April 10, 2009

Project Name: 1411 Warner Street
Project Location: Lot J
Project ID: 070-9

Sample ID: SB-1 4-5 | **Date/Time Sampled: 03/26/2009 09:45** | **PSS Sample ID: 9032703-004**
Matrix: SOIL | **Date/Time Received: 03/27/2009 09:15** | **% Solids: 91**

VCP Organochlorine Pesticides — Analytical Method: SW846 8081B — Preparation Method: SW846 3550

	Result	Units	Rep Limit	Flag	Dil	Prepared	Analyzed	Analyst
4,4-DDD	ND	ug/kg	21		1	03/31/09	04/01/09 15:49	1029
4,4-DDE	ND	ug/kg	21		1	03/31/09	04/01/09 15:49	1029
4,4-DDT	ND	ug/kg	21		1	03/31/09	04/01/09 15:49	1029
Aldrin	ND	ug/kg	21		1	03/31/09	04/01/09 15:49	1029
alpha-BHC	ND	ug/kg	21		1	03/31/09	04/01/09 15:49	1029
alpha-Chlordane	ND	ug/kg	21		1	03/31/09	04/01/09 15:49	1029
beta-BHC	ND	ug/kg	21		1	03/31/09	04/01/09 15:49	1029
delta-BHC	ND	ug/kg	21		1	03/31/09	04/01/09 15:49	1029
Dieldrin	ND	ug/kg	21		1	03/31/09	04/01/09 15:49	1029
Endosulfan I	ND	ug/kg	21		1	03/31/09	04/01/09 15:49	1029
Endosulfan II	ND	ug/kg	21		1	03/31/09	04/01/09 15:49	1029
Endosulfan sulfate	ND	ug/kg	21		1	03/31/09	04/01/09 15:49	1029
Endrin	ND	ug/kg	21		1	03/31/09	04/01/09 15:49	1029
Endrin aldehyde	ND	ug/kg	21		1	03/31/09	04/01/09 15:49	1029
Endrin ketone	ND	ug/kg	21		1	03/31/09	04/01/09 15:49	1029
gamma-BHC (Lindane)	ND	ug/kg	21		1	03/31/09	04/01/09 15:49	1029
gamma-Chlordane	ND	ug/kg	21		1	03/31/09	04/01/09 15:49	1029
Heptachlor	ND	ug/kg	21		1	03/31/09	04/01/09 15:49	1029
Heptachlor epoxide	ND	ug/kg	21		1	03/31/09	04/01/09 15:49	1029
Methoxychlor	ND	ug/kg	21		1	03/31/09	04/01/09 15:49	1029
Toxaphene	ND	ug/kg	210		1	03/31/09	04/01/09 15:49	1029

VCP Chlorinated Herbicides — Analytical Method: SW846 8151A

	Result	Units	Rep Limit	Flag	Dil	Prepared	Analyzed	Analyst
Dalapon	ND	ug/kg	530		1	03/31/09	04/03/09 00:12	1029
2,4-D	ND	ug/kg	210		1	03/31/09	04/03/09 00:12	1029
2,4,5-TP (Silvex)	ND	ug/kg	21		1	03/31/09	04/03/09 00:12	1029
Dinoseb	ND	ug/kg	110		1	03/31/09	04/03/09 00:12	1029

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April 10, 2009

Project Name: 1411 Warner Street
Project Location: Lot J
Project ID: 070-9

Sample ID: SB-1 4-5 | **Date/Time Sampled: 03/26/2009 09:45** | **PSS Sample ID: 9032703-004**
Matrix: SOIL | **Date/Time Received: 03/27/2009 09:15** | **% Solids: 91**

TCL Volatile Organic Compounds | Analytical Method: SW846 8260B | Preparation Method: SW846 5035A

	Result	Units	Rep Limit	Flag	Dil	Prepared	Analyzed	Analyst
Chloromethane	ND	ug/kg	8		1	03/27/09	03/27/09 16:27	1011
Vinyl Chloride	ND	ug/kg	8		1	03/27/09	03/27/09 16:27	1011
Bromomethane	ND	ug/kg	8		1	03/27/09	03/27/09 16:27	1011
Chloroethane	ND	ug/kg	8		1	03/27/09	03/27/09 16:27	1011
Acetone	ND	ug/kg	30		1	03/27/09	03/27/09 16:27	1011
1,1-Dichloroethene	ND	ug/kg	8		1	03/27/09	03/27/09 16:27	1011
Methylene Chloride	ND	ug/kg	8		1	03/27/09	03/27/09 16:27	1011
trans-1,2-Dichloroethene	ND	ug/kg	8		1	03/27/09	03/27/09 16:27	1011
Methyl-t-butyl ether	ND	ug/kg	8		1	03/27/09	03/27/09 16:27	1011
1,1-Dichloroethane	ND	ug/kg	8		1	03/27/09	03/27/09 16:27	1011
2-Butanone	ND	ug/kg	30		1	03/27/09	03/27/09 16:27	1011
cis-1,2-Dichloroethene	ND	ug/kg	8		1	03/27/09	03/27/09 16:27	1011
Chloroform	ND	ug/kg	8		1	03/27/09	03/27/09 16:27	1011
1,1,1-Trichloroethane	ND	ug/kg	8		1	03/27/09	03/27/09 16:27	1011
1,2-Dichloroethane	ND	ug/kg	8		1	03/27/09	03/27/09 16:27	1011
Carbon Tetrachloride	ND	ug/kg	8		1	03/27/09	03/27/09 16:27	1011
Benzene	ND	ug/kg	8		1	03/27/09	03/27/09 16:27	1011
1,2-Dichloropropane	ND	ug/kg	8		1	03/27/09	03/27/09 16:27	1011
Carbon Disulfide	**8**	ug/kg	15	J	1	03/27/09	03/27/09 16:27	1011
Trichloroethene	ND	ug/kg	8		1	03/27/09	03/27/09 16:27	1011
Bromodichloromethane	ND	ug/kg	8		1	03/27/09	03/27/09 16:27	1011
cis-1,3-Dichloropropene	ND	ug/kg	8		1	03/27/09	03/27/09 16:27	1011
4-Methyl-2-Pentanone	ND	ug/kg	30		1	03/27/09	03/27/09 16:27	1011
trans-1,3-Dichloropropene	ND	ug/kg	8		1	03/27/09	03/27/09 16:27	1011
1,1,2-Trichloroethane	ND	ug/kg	8		1	03/27/09	03/27/09 16:27	1011
Toluene	ND	ug/kg	8		1	03/27/09	03/27/09 16:27	1011
1,2-Dibromoethane	ND	ug/kg	8		1	03/27/09	03/27/09 16:27	1011
Dibromochloromethane	ND	ug/kg	8		1	03/27/09	03/27/09 16:27	1011
Bromoform	ND	ug/kg	8		1	03/27/09	03/27/09 16:27	1011
Tetrachloroethene	ND	ug/kg	8		1	03/27/09	03/27/09 16:27	1011

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PHASE SEPARATION SCIENCE, INC.

CERTIFICATE OF ANALYSIS

No: 9032703

Arc Environmental, Baltimore, MD

April 10, 2009

Project Name: 1411 Warner Street
Project Location: Lot J
Project ID: 070-9

Sample ID: SB-1 4-5 | **Date/Time Sampled: 03/26/2009 09:45** | **PSS Sample ID: 9032703-004**
Matrix: SOIL | **Date/Time Received: 03/27/2009 09:15** | **% Solids: 91**

TCL Volatile Organic Compounds | Analytical Method: SW846 8260B | Preparation Method: SW846 5035A

	Result	Units	Rep Limit	Flag	Dil	Prepared	Analyzed	Analyst
Chlorobenzene	ND	ug/kg	8		1	03/27/09	03/27/09 16:27	1011
Ethylbenzene	ND	ug/kg	8		1	03/27/09	03/27/09 16:27	1011
m,p-Xylenes	ND	ug/kg	15		1	03/27/09	03/27/09 16:27	1011
Styrene	ND	ug/kg	8		1	03/27/09	03/27/09 16:27	1011
1,1,2,2-Tetrachloroethane	ND	ug/kg	8		1	03/27/09	03/27/09 16:27	1011
o-Xylene	ND	ug/kg	8		1	03/27/09	03/27/09 16:27	1011
Isopropylbenzene	ND	ug/kg	8		1	03/27/09	03/27/09 16:27	1011
n-Propylbenzene	ND	ug/kg	8		1	03/27/09	03/27/09 16:27	1011
1,3,5-Trimethylbenzene	ND	ug/kg	8		1	03/27/09	03/27/09 16:27	1011
1,2,4-Trimethylbenzene	ND	ug/kg	8		1	03/27/09	03/27/09 16:27	1011
n-Butylbenzene	ND	ug/kg	8		1	03/27/09	03/27/09 16:27	1011
1,2-Dibromo-3-Chloropropane	ND	ug/kg	60		1	03/27/09	03/27/09 16:27	1011

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No: 9032703
Arc Environmental, Baltimore, MD
April 10, 2009

Project Name: 1411 Warner Street
Project Location: Lot J
Project ID: 070-9

Sample ID: SB-1 4-5 | **Date/Time Sampled: 03/26/2009 09:45** | **PSS Sample ID: 9032703-004**
Matrix: SOIL | **Date/Time Received: 03/27/2009 09:15** | **% Solids: 91**

TCL Semivolatile Organic Compounds | Analytical Method: SW846 8270C | Preparation Method: SW846 3550

	Result	Units	Rep Limit	Flag	Dil	Prepared	Analyzed	Analyst
Acenaphthene	ND	ug/kg	180		1	03/30/09	03/30/09 19:52	1014
Acenaphthylene	ND	ug/kg	180		1	03/30/09	03/30/09 19:52	1014
Anthracene	ND	ug/kg	180		1	03/30/09	03/30/09 19:52	1014
Benzo(a)anthracene	ND	ug/kg	180		1	03/30/09	03/30/09 19:52	1014
Benzo(a)pyrene	**45**	ug/kg	26		1	03/30/09	03/30/09 19:52	1014
Benzo(b)fluoranthene	ND	ug/kg	180		1	03/30/09	03/30/09 19:52	1014
Benzo(g,h,i)perylene	ND	ug/kg	180		1	03/30/09	03/30/09 19:52	1014
Benzo(k)fluoranthene	ND	ug/kg	180		1	03/30/09	03/30/09 19:52	1014
bis(2-chloroethyl) ether	ND	ug/kg	180		1	03/30/09	03/30/09 19:52	1014
bis(2-chloroisopropyl) ether	ND	ug/kg	180		1	03/30/09	03/30/09 19:52	1014
bis(2-ethylhexyl) phthalate	ND	ug/kg	180		1	03/30/09	03/30/09 19:52	1014
Di-n-butyl phthalate	ND	ug/kg	370		1	03/30/09	03/30/09 19:52	1014
Carbazole	ND	ug/kg	180		1	03/30/09	03/30/09 19:52	1014
4-Chloroaniline	ND	ug/kg	370		1	03/30/09	03/30/09 19:52	1014
2-Chloronaphthalene	ND	ug/kg	180		1	03/30/09	03/30/09 19:52	1014
2-Chlorophenol	ND	ug/kg	180		1	03/30/09	03/30/09 19:52	1014
Chrysene	ND	ug/kg	180		1	03/30/09	03/30/09 19:52	1014
Dibenz(a,h)Anthracene	ND	ug/kg	26		1	03/30/09	03/30/09 19:52	1014
Dibenzofuran	ND	ug/kg	180		1	03/30/09	03/30/09 19:52	1014
1,2-Dichlorobenzene	ND	ug/kg	180		1	03/30/09	03/30/09 19:52	1014
1,3-Dichlorobenzene	ND	ug/kg	180		1	03/30/09	03/30/09 19:52	1014
1,4-Dichlorobenzene	ND	ug/kg	180		1	03/30/09	03/30/09 19:52	1014
3,3-Dichlorobenzidine	ND	ug/kg	180		1	03/30/09	03/30/09 19:52	1014
2,4-Dichlorophenol	ND	ug/kg	180		1	03/30/09	03/30/09 19:52	1014
Diethyl phthalate	ND	ug/kg	180		1	03/30/09	03/30/09 19:52	1014
2,4-Dimethylphenol	ND	ug/kg	180		1	03/30/09	03/30/09 19:52	1014
2,4-Dinitrophenol	ND	ug/kg	370		1	03/30/09	03/30/09 19:52	1014
2,4-Dinitrotoluene	ND	ug/kg	180		1	03/30/09	03/30/09 19:52	1014
2,6-Dinitrotoluene	ND	ug/kg	180		1	03/30/09	03/30/09 19:52	1014
Fluoranthene	**96**	ug/kg	180	J	1	03/30/09	03/30/09 19:52	1014

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CERTIFICATE OF ANALYSIS

No: 9032703

Arc Environmental, Baltimore, MD

April 10, 2009

Project Name: 1411 Warner Street
Project Location: Lot J
Project ID: 070-9

Sample ID: SB-1 4-5 | **Date/Time Sampled: 03/26/2009 09:45** | **PSS Sample ID: 9032703-004**
Matrix: SOIL | **Date/Time Received: 03/27/2009 09:15** | **% Solids: 91**

TCL Semivolatile Organic Compounds | Analytical Method: SW846 8270C | Preparation Method: SW846 3550

	Result	Units	Rep Limit	Flag	Dil	Prepared	Analyzed	Analyst
Fluorene	ND	ug/kg	180		1	03/30/09	03/30/09 19:52	1014
Hexachlorobenzene	ND	ug/kg	180		1	03/30/09	03/30/09 19:52	1014
Hexachlorobutadiene	ND	ug/kg	180		1	03/30/09	03/30/09 19:52	1014
Hexachlorocyclopentadiene	ND	ug/kg	180		1	03/30/09	03/30/09 19:52	1014
Hexachloroethane	ND	ug/kg	180		1	03/30/09	03/30/09 19:52	1014
Indeno(1,2,3-c,d)Pyrene	ND	ug/kg	180		1	03/30/09	03/30/09 19:52	1014
Isophorone	ND	ug/kg	180		1	03/30/09	03/30/09 19:52	1014
2-Methylnaphthalene	ND	ug/kg	180		1	03/30/09	03/30/09 19:52	1014
2-Methyl phenol	ND	ug/kg	180		1	03/30/09	03/30/09 19:52	1014
3&4-Methylphenol	ND	ug/kg	180		1	03/30/09	03/30/09 19:52	1014
Naphthalene	ND	ug/kg	180		1	03/30/09	03/30/09 19:52	1014
Nitrobenzene	ND	ug/kg	180		1	03/30/09	03/30/09 19:52	1014
N-Nitrosodi-n-propyl amine	ND	ug/kg	73		1	03/30/09	03/30/09 19:52	1014
N-Nitrosodiphenylamine	ND	ug/kg	180		1	03/30/09	03/30/09 19:52	1014
Pentachlorophenol	ND	ug/kg	370		1	03/30/09	03/30/09 19:52	1014
Phenanthrene	**98**	ug/kg	180	J	1	03/30/09	03/30/09 19:52	1014
Phenol	ND	ug/kg	180		1	03/30/09	03/30/09 19:52	1014
Pyrene	**230**	ug/kg	180		1	03/30/09	03/30/09 19:52	1014
Bis(2-ethylhexyl)adipate	ND	ug/kg	180		1	03/30/09	03/30/09 19:52	1014
1,2,4-Trichlorobenzene	ND	ug/kg	180		1	03/30/09	03/30/09 19:52	1014
2,4,6-Trichlorophenol	ND	ug/kg	180		1	03/30/09	03/30/09 19:52	1014
2,4,5-Trichlorophenol	ND	ug/kg	180		1	03/30/09	03/30/09 19:52	1014

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No: 9032703

Arc Environmental, Baltimore, MD

April 10, 2009

Project Name: 1411 Warner Street
Project Location: Lot J
Project ID: 070-9

Sample ID: SB-5 0-1 | **Date/Time Sampled: 03/26/2009 11:05** | **PSS Sample ID: 9032703-005**
Matrix: SOIL | **Date/Time Received: 03/27/2009 09:15** | **% Solids: 89**

PP MDE Metals | Analytical Method: SW846 6020A | Preparation Method: SW846 3050B

	Result	Units	Rep Limit	Flag	Dil	Prepared	Analyzed	Analyst
Antimony	**3.1**	mg/kg	2.4		1	03/31/09	04/02/09 16:52	1033
Arsenic	**8.8**	mg/kg	0.2		1	03/31/09	04/02/09 16:52	1033
Beryllium	ND	mg/kg	2.4		1	03/31/09	04/02/09 16:52	1033
Cadmium	ND	mg/kg	2.4		1	03/31/09	04/02/09 16:52	1033
Chromium	**34**	mg/kg	2.4		1	03/31/09	04/02/09 16:52	1033
Copper	**91**	mg/kg	2.4		1	03/31/09	04/02/09 16:52	1033
Lead	**250**	mg/kg	2.4		1	03/31/09	04/03/09 14:21	1033
Mercury	**0.68**	mg/kg	0.1		1	03/31/09	04/03/09 14:21	1033
Nickel	**19**	mg/kg	2.4		1	03/31/09	04/02/09 16:52	1033
Selenium	ND	mg/kg	2.4		1	03/31/09	04/02/09 16:52	1033
Silver	ND	mg/kg	2.4		1	03/31/09	04/02/09 16:52	1033
Thallium	ND	mg/kg	1.9		1	03/31/09	04/02/09 16:52	1033
Zinc	**160**	mg/kg	9.7		1	03/31/09	04/02/09 16:52	1033

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CERTIFICATE OF ANALYSIS

No: 9032703

Arc Environmental, Baltimore, MD

April 10, 2009

Project Name: 1411 Warner Street
Project Location: Lot J
Project ID: 070-9

Sample ID: SB-5 0-1 | **Date/Time Sampled: 03/26/2009 11:05** | **PSS Sample ID: 9032703-005**
Matrix: SOIL | **Date/Time Received: 03/27/2009 09:15** | **% Solids: 89**

VCP Organochlorine Pesticides | Analytical Method: SW846 8081B | Preparation Method: SW846 3550

	Result	Units	Rep Limit	Flag	Dil	Prepared	Analyzed	Analyst
4,4-DDD	ND	ug/kg	22		1	03/31/09	04/01/09 22:50	1029
4,4-DDE	ND	ug/kg	22		1	03/31/09	04/01/09 22:50	1029
4,4-DDT	ND	ug/kg	22		1	03/31/09	04/01/09 22:50	1029
Aldrin	ND	ug/kg	22		1	03/31/09	04/01/09 22:50	1029
alpha-BHC	ND	ug/kg	22		1	03/31/09	04/01/09 22:50	1029
alpha-Chlordane	ND	ug/kg	22		1	03/31/09	04/01/09 22:50	1029
beta-BHC	ND	ug/kg	22		1	03/31/09	04/01/09 22:50	1029
delta-BHC	ND	ug/kg	22		1	03/31/09	04/01/09 22:50	1029
Dieldrin	ND	ug/kg	22		1	03/31/09	04/01/09 22:50	1029
Endosulfan I	ND	ug/kg	22		1	03/31/09	04/01/09 22:50	1029
Endosulfan II	ND	ug/kg	22		1	03/31/09	04/01/09 22:50	1029
Endosulfan sulfate	ND	ug/kg	22		1	03/31/09	04/01/09 22:50	1029
Endrin	ND	ug/kg	22		1	03/31/09	04/01/09 22:50	1029
Endrin aldehyde	ND	ug/kg	22		1	03/31/09	04/01/09 22:50	1029
Endrin ketone	ND	ug/kg	22		1	03/31/09	04/01/09 22:50	1029
gamma-BHC (Lindane)	ND	ug/kg	22		1	03/31/09	04/01/09 22:50	1029
gamma-Chlordane	ND	ug/kg	22		1	03/31/09	04/01/09 22:50	1029
Heptachlor	ND	ug/kg	22		1	03/31/09	04/01/09 22:50	1029
Heptachlor epoxide	ND	ug/kg	22		1	03/31/09	04/01/09 22:50	1029
Methoxychlor	ND	ug/kg	22		1	03/31/09	04/01/09 22:50	1029
Toxaphene	ND	ug/kg	220		1	03/31/09	04/01/09 22:50	1029

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No: 9032703

Arc Environmental, Baltimore, MD

April 10, 2009

Project Name: 1411 Warner Street
Project Location: Lot J
Project ID: 070-9

Sample ID: SB-5 0-1 | **Date/Time Sampled: 03/26/2009 11:05** | **PSS Sample ID: 9032703-005**
Matrix: SOIL | **Date/Time Received: 03/27/2009 09:15** | **% Solids: 89**

Polychlorinated Biphenyls

Analytical Method: SW846 8082A
Preparation Method: SW846 3550
Clean up Method: SW846 3665A

	Result	Units	Rep Limit	Flag	Dil	Prepared	Analyzed	Analyst
PCB-1016	ND	mg/kg	0.1		1	03/30/09	03/31/09 12:08	1029
PCB-1221	ND	mg/kg	0.1		1	03/30/09	03/31/09 12:08	1029
PCB-1232	ND	mg/kg	0.1		1	03/30/09	03/31/09 12:08	1029
PCB-1242	ND	mg/kg	0.1		1	03/30/09	03/31/09 12:08	1029
PCB-1248	ND	mg/kg	0.1		1	03/30/09	03/31/09 12:08	1029
PCB-1254	ND	mg/kg	0.1		1	03/30/09	03/31/09 12:08	1029
PCB-1260	ND	mg/kg	0.1		1	03/30/09	03/31/09 12:08	1029

VCP Chlorinated Herbicides

Analytical Method: SW846 8151A

	Result	Units	Rep Limit	Flag	Dil	Prepared	Analyzed	Analyst
Dalapon	ND	ug/kg	560		1	04/01/09	04/03/09 00:46	1029
2,4-D	ND	ug/kg	220		1	04/01/09	04/03/09 00:46	1029
2,4,5-TP (Silvex)	ND	ug/kg	22		1	04/01/09	04/03/09 00:46	1029
Dinoseb	ND	ug/kg	110		1	04/01/09	04/03/09 00:46	1029

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Project Location: Lot J
Project ID: 070-9

Sample ID: SB-5 0-1 | **Date/Time Sampled: 03/26/2009 11:05** | **PSS Sample ID: 9032703-005**
Matrix: SOIL | **Date/Time Received: 03/27/2009 09:15** | **% Solids: 89**

TCL Semivolatile Organic Compounds | Analytical Method: SW846 8270C | Preparation Method: SW846 3550

	Result	Units	Rep Limit	Flag	Dil	Prepared	Analyzed	Analyst
Acenaphthene	ND	ug/kg	190		1	03/30/09	03/30/09 18:55	1014
Acenaphthylene	ND	ug/kg	190		1	03/30/09	03/30/09 18:55	1014
Anthracene	ND	ug/kg	190		1	03/30/09	03/30/09 18:55	1014
Benzo(a)anthracene	**480**	ug/kg	190		1	03/30/09	03/30/09 18:55	1014
Benzo(a)pyrene	**460**	ug/kg	26		1	03/30/09	03/30/09 18:55	1014
Benzo(b)fluoranthene	**450**	ug/kg	190		1	03/30/09	03/30/09 18:55	1014
Benzo(g,h,i)perylene	**340**	ug/kg	190		1	03/30/09	03/30/09 18:55	1014
Benzo(k)fluoranthene	**520**	ug/kg	190		1	03/30/09	03/30/09 18:55	1014
bis(2-chloroethyl) ether	ND	ug/kg	190		1	03/30/09	03/30/09 18:55	1014
bis(2-chloroisopropyl) ether	ND	ug/kg	190		1	03/30/09	03/30/09 18:55	1014
bis(2-ethylhexyl) phthalate	ND	ug/kg	190		1	03/30/09	03/30/09 18:55	1014
Di-n-butyl phthalate	ND	ug/kg	370		1	03/30/09	03/30/09 18:55	1014
Carbazole	ND	ug/kg	190		1	03/30/09	03/30/09 18:55	1014
4-Chloroaniline	ND	ug/kg	370		1	03/30/09	03/30/09 18:55	1014
2-Chloronaphthalene	ND	ug/kg	190		1	03/30/09	03/30/09 18:55	1014
2-Chlorophenol	ND	ug/kg	190		1	03/30/09	03/30/09 18:55	1014
Chrysene	**540**	ug/kg	190		1	03/30/09	03/30/09 18:55	1014
Dibenz(a,h)Anthracene	**170**	ug/kg	26		1	03/30/09	03/30/09 18:55	1014
Dibenzofuran	ND	ug/kg	190		1	03/30/09	03/30/09 18:55	1014
1,2-Dichlorobenzene	ND	ug/kg	190		1	03/30/09	03/30/09 18:55	1014
1,3-Dichlorobenzene	ND	ug/kg	190		1	03/30/09	03/30/09 18:55	1014
1,4-Dichlorobenzene	ND	ug/kg	190		1	03/30/09	03/30/09 18:55	1014
3,3-Dichlorobenzidine	ND	ug/kg	190		1	03/30/09	03/30/09 18:55	1014
2,4-Dichlorophenol	ND	ug/kg	190		1	03/30/09	03/30/09 18:55	1014
Diethyl phthalate	ND	ug/kg	190		1	03/30/09	03/30/09 18:55	1014
2,4-Dimethylphenol	ND	ug/kg	190		1	03/30/09	03/30/09 18:55	1014
2,4-Dinitrophenol	ND	ug/kg	370		1	03/30/09	03/30/09 18:55	1014
2,4-Dinitrotoluene	ND	ug/kg	190		1	03/30/09	03/30/09 18:55	1014
2,6-Dinitrotoluene	ND	ug/kg	190		1	03/30/09	03/30/09 18:55	1014
Fluoranthene	**700**	ug/kg	190		1	03/30/09	03/30/09 18:55	1014

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CERTIFICATE OF ANALYSIS

No: 9032703

Arc Environmental, Baltimore, MD

April 10, 2009

Project Name: 1411 Warner Street
Project Location: Lot J
Project ID: 070-9

Sample ID: SB-5 0-1 | **Date/Time Sampled: 03/26/2009 11:05** | **PSS Sample ID: 9032703-005**
Matrix: SOIL | **Date/Time Received: 03/27/2009 09:15** | **% Solids: 89**

TCL Semivolatile Organic Compounds | Analytical Method: SW846 8270C | Preparation Method: SW846 3550

	Result	Units	Rep Limit	Flag	Dil	Prepared	Analyzed	Analyst
Fluorene	ND	ug/kg	190		1	03/30/09	03/30/09 18:55	1014
Hexachlorobenzene	ND	ug/kg	190		1	03/30/09	03/30/09 18:55	1014
Hexachlorobutadiene	ND	ug/kg	190		1	03/30/09	03/30/09 18:55	1014
Hexachlorocyclopentadiene	ND	ug/kg	190		1	03/30/09	03/30/09 18:55	1014
Hexachloroethane	ND	ug/kg	190		1	03/30/09	03/30/09 18:55	1014
Indeno(1,2,3-c,d)Pyrene	**300**	ug/kg	190		1	03/30/09	03/30/09 18:55	1014
Isophorone	ND	ug/kg	190		1	03/30/09	03/30/09 18:55	1014
2-Methylnaphthalene	ND	ug/kg	190		1	03/30/09	03/30/09 18:55	1014
2-Methyl phenol	ND	ug/kg	190		1	03/30/09	03/30/09 18:55	1014
3&4-Methylphenol	ND	ug/kg	190		1	03/30/09	03/30/09 18:55	1014
Naphthalene	ND	ug/kg	190		1	03/30/09	03/30/09 18:55	1014
Nitrobenzene	ND	ug/kg	190		1	03/30/09	03/30/09 18:55	1014
N-Nitrosodi-n-propyl amine	ND	ug/kg	75		1	03/30/09	03/30/09 18:55	1014
N-Nitrosodiphenylamine	ND	ug/kg	190		1	03/30/09	03/30/09 18:55	1014
Pentachlorophenol	ND	ug/kg	370		1	03/30/09	03/30/09 18:55	1014
Phenanthrene	**610**	ug/kg	190		1	03/30/09	03/30/09 18:55	1014
Phenol	ND	ug/kg	190		1	03/30/09	03/30/09 18:55	1014
Pyrene	**1,600**	ug/kg	190		1	03/30/09	03/30/09 18:55	1014
Bis(2-ethylhexyl)adipate	ND	ug/kg	190		1	03/30/09	03/30/09 18:55	1014
1,2,4-Trichlorobenzene	ND	ug/kg	190		1	03/30/09	03/30/09 18:55	1014
2,4,6-Trichlorophenol	ND	ug/kg	190		1	03/30/09	03/30/09 18:55	1014
2,4,5-Trichlorophenol	ND	ug/kg	190		1	03/30/09	03/30/09 18:55	1014

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CERTIFICATE OF ANALYSIS

No: 9032703

Arc Environmental, Baltimore, MD

April 10, 2009

Project Name: 1411 Warner Street
Project Location: Lot J
Project ID: 070-9

Sample ID: SB-5 4-5 | **Date/Time Sampled: 03/26/2009 11:10** | **PSS Sample ID: 9032703-006**
Matrix: SOIL | **Date/Time Received: 03/27/2009 09:15** | **% Solids: 87**

PP MDE Metals — Analytical Method: SW846 6020A — Preparation Method: SW846 3050B

	Result	Units	Rep Limit	Flag	Dil	Prepared	Analyzed	Analyst
Antimony	**1.6**	mg/kg	2.6		1	03/31/09	04/02/09 16:58	1033
Arsenic	**6.5**	mg/kg	0.3		1	03/31/09	04/02/09 16:58	1033
Beryllium	ND	mg/kg	2.6		1	03/31/09	04/02/09 16:58	1033
Cadmium	ND	mg/kg	2.6		1	03/31/09	04/02/09 16:58	1033
Chromium	**51**	mg/kg	2.6		1	03/31/09	04/02/09 16:58	1033
Copper	**56**	mg/kg	2.6		1	03/31/09	04/02/09 16:58	1033
Lead	**180**	mg/kg	2.6		1	03/31/09	04/03/09 14:27	1033
Mercury	**0.60**	mg/kg	0.1		1	03/31/09	04/03/09 14:27	1033
Nickel	**18**	mg/kg	2.6		1	03/31/09	04/02/09 16:58	1033
Selenium	ND	mg/kg	2.6		1	03/31/09	04/02/09 16:58	1033
Silver	ND	mg/kg	2.6		1	03/31/09	04/02/09 16:58	1033
Thallium	ND	mg/kg	2.1		1	03/31/09	04/02/09 16:58	1033
Zinc	**100**	mg/kg	11		1	03/31/09	04/02/09 16:58	1033

Total Petroleum Hydrocarbons - DRO — Analytical Method: SW846 8015C — Preparation Method: SW846 3550

DF/HF - No. 2/diesel fuel and heavier fuel/oil patterns observed in sample.

	Result	Units	Rep Limit	Flag	Dil	Prepared	Analyzed	Analyst
TPH-DRO (Diesel Range Organics)	**18**	mg/kg	11	DF	1	03/30/09	03/30/09 16:57	1040

Total Petroleum Hydrocarbons-GRO — Analytical Method: SW846 8015C — Preparation Method: SW846 5030

	Result	Units	Rep Limit	Flag	Dil	Prepared	Analyzed	Analyst
TPH-GRO (Gasoline Range Organics)	ND	ug/kg	110		1	03/27/09	03/27/09 18:11	1035

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No: 9032703
Arc Environmental, Baltimore, MD
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Project Name: 1411 Warner Street
Project Location: Lot J
Project ID: 070-9

Sample ID: SB-5 4-5 | **Date/Time Sampled: 03/26/2009 11:10** | **PSS Sample ID: 9032703-006**
Matrix: SOIL | **Date/Time Received: 03/27/2009 09:15** | **% Solids: 87**

VCP Organochlorine Pesticides — Analytical Method: SW846 8081B — Preparation Method: SW846 3550

	Result	Units	Rep Limit	Flag	Dil	Prepared	Analyzed	Analyst
4,4-DDD	ND	ug/kg	22		1	03/31/09	04/01/09 16:18	1029
4,4-DDE	ND	ug/kg	22		1	03/31/09	04/01/09 16:18	1029
4,4-DDT	ND	ug/kg	22		1	03/31/09	04/01/09 16:18	1029
Aldrin	ND	ug/kg	22		1	03/31/09	04/01/09 16:18	1029
alpha-BHC	ND	ug/kg	22		1	03/31/09	04/01/09 16:18	1029
alpha-Chlordane	ND	ug/kg	22		1	03/31/09	04/01/09 16:18	1029
beta-BHC	ND	ug/kg	22		1	03/31/09	04/01/09 16:18	1029
delta-BHC	ND	ug/kg	22		1	03/31/09	04/01/09 16:18	1029
Dieldrin	ND	ug/kg	22		1	03/31/09	04/01/09 16:18	1029
Endosulfan I	ND	ug/kg	22		1	03/31/09	04/01/09 16:18	1029
Endosulfan II	ND	ug/kg	22		1	03/31/09	04/01/09 16:18	1029
Endosulfan sulfate	ND	ug/kg	22		1	03/31/09	04/01/09 16:18	1029
Endrin	ND	ug/kg	22		1	03/31/09	04/01/09 16:18	1029
Endrin aldehyde	ND	ug/kg	22		1	03/31/09	04/01/09 16:18	1029
Endrin ketone	ND	ug/kg	22		1	03/31/09	04/01/09 16:18	1029
gamma-BHC (Lindane)	ND	ug/kg	22		1	03/31/09	04/01/09 16:18	1029
gamma-Chlordane	ND	ug/kg	22		1	03/31/09	04/01/09 16:18	1029
Heptachlor	ND	ug/kg	22		1	03/31/09	04/01/09 16:18	1029
Heptachlor epoxide	ND	ug/kg	22		1	03/31/09	04/01/09 16:18	1029
Methoxychlor	ND	ug/kg	22		1	03/31/09	04/01/09 16:18	1029
Toxaphene	ND	ug/kg	220		1	03/31/09	04/01/09 16:18	1029

VCP Chlorinated Herbicides — Analytical Method: SW846 8151A

	Result	Units	Rep Limit	Flag	Dil	Prepared	Analyzed	Analyst
Dalapon	ND	ug/kg	570		1	04/01/09	04/02/09 15:49	1029
2,4-D	ND	ug/kg	230		1	04/01/09	04/02/09 15:49	1029
2,4,5-TP (Silvex)	ND	ug/kg	23		1	04/01/09	04/02/09 15:49	1029
Dinoseb	ND	ug/kg	110		1	04/01/09	04/02/09 15:49	1029

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April 10, 2009

Project Name: 1411 Warner Street
Project Location: Lot J
Project ID: 070-9

Sample ID: SB-5 4-5 | **Date/Time Sampled: 03/26/2009 11:10** | **PSS Sample ID: 9032703-006**
Matrix: SOIL | **Date/Time Received: 03/27/2009 09:15** | **% Solids: 87**

TCL Volatile Organic Compounds | Analytical Method: SW846 8260B | Preparation Method: SW846 5035A

	Result	Units	Rep Limit	Flag	Dil	Prepared	Analyzed	Analyst
Chloromethane	ND	ug/kg	5		1	03/30/09	03/30/09 17:34	1011
Vinyl Chloride	ND	ug/kg	5		1	03/30/09	03/30/09 17:34	1011
Bromomethane	ND	ug/kg	5		1	03/30/09	03/30/09 17:34	1011
Chloroethane	ND	ug/kg	5		1	03/30/09	03/30/09 17:34	1011
Acetone	ND	ug/kg	22		1	03/30/09	03/30/09 17:34	1011
1,1-Dichloroethene	ND	ug/kg	5		1	03/30/09	03/30/09 17:34	1011
Methylene Chloride	ND	ug/kg	5		1	03/30/09	03/30/09 17:34	1011
trans-1,2-Dichloroethene	ND	ug/kg	5		1	03/30/09	03/30/09 17:34	1011
Methyl-t-butyl ether	ND	ug/kg	5		1	03/30/09	03/30/09 17:34	1011
1,1-Dichloroethane	ND	ug/kg	5		1	03/30/09	03/30/09 17:34	1011
2-Butanone	ND	ug/kg	22		1	03/30/09	03/30/09 17:34	1011
cis-1,2-Dichloroethene	ND	ug/kg	5		1	03/30/09	03/30/09 17:34	1011
Chloroform	ND	ug/kg	5		1	03/30/09	03/30/09 17:34	1011
1,1,1-Trichloroethane	ND	ug/kg	5		1	03/30/09	03/30/09 17:34	1011
1,2-Dichloroethane	ND	ug/kg	5		1	03/30/09	03/30/09 17:34	1011
Carbon Tetrachloride	ND	ug/kg	5		1	03/30/09	03/30/09 17:34	1011
Benzene	ND	ug/kg	5		1	03/30/09	03/30/09 17:34	1011
1,2-Dichloropropane	ND	ug/kg	5		1	03/30/09	03/30/09 17:34	1011
Carbon Disulfide	ND	ug/kg	11		1	03/30/09	03/30/09 17:34	1011
Trichloroethene	ND	ug/kg	5		1	03/30/09	03/30/09 17:34	1011
Bromodichloromethane	ND	ug/kg	5		1	03/30/09	03/30/09 17:34	1011
cis-1,3-Dichloropropene	ND	ug/kg	5		1	03/30/09	03/30/09 17:34	1011
4-Methyl-2-Pentanone	ND	ug/kg	22		1	03/30/09	03/30/09 17:34	1011
trans-1,3-Dichloropropene	ND	ug/kg	5		1	03/30/09	03/30/09 17:34	1011
1,1,2-Trichloroethane	ND	ug/kg	5		1	03/30/09	03/30/09 17:34	1011
Toluene	ND	ug/kg	5		1	03/30/09	03/30/09 17:34	1011
1,2-Dibromoethane	ND	ug/kg	5		1	03/30/09	03/30/09 17:34	1011
Dibromochloromethane	ND	ug/kg	5		1	03/30/09	03/30/09 17:34	1011
Bromoform	ND	ug/kg	5		1	03/30/09	03/30/09 17:34	1011
Tetrachloroethene	ND	ug/kg	5		1	03/30/09	03/30/09 17:34	1011

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PHASE SEPARATION SCIENCE, INC.

CERTIFICATE OF ANALYSIS

No: 9032703

Arc Environmental, Baltimore, MD

April 10, 2009

Project Name: 1411 Warner Street
Project Location: Lot J
Project ID: 070-9

Sample ID: SB-5 4-5 | **Date/Time Sampled: 03/26/2009 11:10** | **PSS Sample ID: 9032703-006**
Matrix: SOIL | **Date/Time Received: 03/27/2009 09:15** | **% Solids: 87**

TCL Volatile Organic Compounds | Analytical Method: SW846 8260B | Preparation Method: SW846 5035A

	Result	Units	Rep Limit	Flag	Dil	Prepared	Analyzed	Analyst
Chlorobenzene	ND	ug/kg	5		1	03/30/09	03/30/09 17:34	1011
Ethylbenzene	ND	ug/kg	5		1	03/30/09	03/30/09 17:34	1011
m,p-Xylenes	**9**	ug/kg	11	J	1	03/30/09	03/30/09 17:34	1011
Styrene	ND	ug/kg	5		1	03/30/09	03/30/09 17:34	1011
1,1,2,2-Tetrachloroethane	ND	ug/kg	5		1	03/30/09	03/30/09 17:34	1011
o-Xylene	ND	ug/kg	5		1	03/30/09	03/30/09 17:34	1011
Isopropylbenzene	ND	ug/kg	5		1	03/30/09	03/30/09 17:34	1011
n-Propylbenzene	ND	ug/kg	5		1	03/30/09	03/30/09 17:34	1011
1,3,5-Trimethylbenzene	ND	ug/kg	5		1	03/30/09	03/30/09 17:34	1011
1,2,4-Trimethylbenzene	**6**	ug/kg	5		1	03/30/09	03/30/09 17:34	1011
n-Butylbenzene	ND	ug/kg	5		1	03/30/09	03/30/09 17:34	1011
1,2-Dibromo-3-Chloropropane	ND	ug/kg	43		1	03/30/09	03/30/09 17:34	1011

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CERTIFICATE OF ANALYSIS

No: 9032703
Arc Environmental, Baltimore, MD
April 10, 2009

Project Name: 1411 Warner Street
Project Location: Lot J
Project ID: 070-9

Sample ID: SB-5 4-5 | **Date/Time Sampled: 03/26/2009 11:10** | **PSS Sample ID: 9032703-006**
Matrix: SOIL | **Date/Time Received: 03/27/2009 09:15** | **% Solids: 87**

TCL Semivolatile Organic Compounds | Analytical Method: SW846 8270C | Preparation Method: SW846 3550

	Result	Units	Rep Limit	Flag	Dil	Prepared	Analyzed	Analyst
Acenaphthene	ND	ug/kg	190		1	03/30/09	03/30/09 16:32	1014
Acenaphthylene	ND	ug/kg	190		1	03/30/09	03/30/09 16:32	1014
Anthracene	ND	ug/kg	190		1	03/30/09	03/30/09 16:32	1014
Benzo(a)anthracene	**300**	ug/kg	190		1	03/30/09	03/30/09 16:32	1014
Benzo(a)pyrene	**280**	ug/kg	27		1	03/30/09	03/30/09 16:32	1014
Benzo(b)fluoranthene	**300**	ug/kg	190		1	03/30/09	03/30/09 16:32	1014
Benzo(g,h,i)perylene	**160**	ug/kg	190	J	1	03/30/09	03/30/09 16:32	1014
Benzo(k)fluoranthene	**280**	ug/kg	190		1	03/30/09	03/30/09 16:32	1014
bis(2-chloroethyl) ether	ND	ug/kg	190		1	03/30/09	03/30/09 16:32	1014
bis(2-chloroisopropyl) ether	ND	ug/kg	190		1	03/30/09	03/30/09 16:32	1014
bis(2-ethylhexyl) phthalate	ND	ug/kg	190		1	03/30/09	03/30/09 16:32	1014
Di-n-butyl phthalate	ND	ug/kg	380		1	03/30/09	03/30/09 16:32	1014
Carbazole	ND	ug/kg	190		1	03/30/09	03/30/09 16:32	1014
4-Chloroaniline	ND	ug/kg	380		1	03/30/09	03/30/09 16:32	1014
2-Chloronaphthalene	ND	ug/kg	190		1	03/30/09	03/30/09 16:32	1014
2-Chlorophenol	ND	ug/kg	190		1	03/30/09	03/30/09 16:32	1014
Chrysene	**320**	ug/kg	190		1	03/30/09	03/30/09 16:32	1014
Dibenz(a,h)Anthracene	**67**	ug/kg	27		1	03/30/09	03/30/09 16:32	1014
Dibenzofuran	ND	ug/kg	190		1	03/30/09	03/30/09 16:32	1014
1,2-Dichlorobenzene	ND	ug/kg	190		1	03/30/09	03/30/09 16:32	1014
1,3-Dichlorobenzene	ND	ug/kg	190		1	03/30/09	03/30/09 16:32	1014
1,4-Dichlorobenzene	ND	ug/kg	190		1	03/30/09	03/30/09 16:32	1014
3,3-Dichlorobenzidine	ND	ug/kg	190		1	03/30/09	03/30/09 16:32	1014
2,4-Dichlorophenol	ND	ug/kg	190		1	03/30/09	03/30/09 16:32	1014
Diethyl phthalate	ND	ug/kg	190		1	03/30/09	03/30/09 16:32	1014
2,4-Dimethylphenol	ND	ug/kg	190		1	03/30/09	03/30/09 16:32	1014
2,4-Dinitrophenol	ND	ug/kg	380		1	03/30/09	03/30/09 16:32	1014
2,4-Dinitrotoluene	ND	ug/kg	190		1	03/30/09	03/30/09 16:32	1014
2,6-Dinitrotoluene	ND	ug/kg	190		1	03/30/09	03/30/09 16:32	1014
Fluoranthene	**560**	ug/kg	190		1	03/30/09	03/30/09 16:32	1014

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PHASE SEPARATION SCIENCE, INC.

CERTIFICATE OF ANALYSIS

No: 9032703

Arc Environmental, Baltimore, MD

April 10, 2009

Project Name: 1411 Warner Street
Project Location: Lot J
Project ID: 070-9

Sample ID: SB-5 4-5 | **Date/Time Sampled: 03/26/2009 11:10** | **PSS Sample ID: 9032703-006**
Matrix: SOIL | **Date/Time Received: 03/27/2009 09:15** | **% Solids: 87**

TCL Semivolatile Organic Compounds | Analytical Method: SW846 8270C | Preparation Method: SW846 3550

	Result	Units	Rep Limit	Flag	Dil	Prepared	Analyzed	Analyst
Fluorene	ND	ug/kg	190		1	03/30/09	03/30/09 16:32	1014
Hexachlorobenzene	ND	ug/kg	190		1	03/30/09	03/30/09 16:32	1014
Hexachlorobutadiene	ND	ug/kg	190		1	03/30/09	03/30/09 16:32	1014
Hexachlorocyclopentadiene	ND	ug/kg	190		1	03/30/09	03/30/09 16:32	1014
Hexachloroethane	ND	ug/kg	190		1	03/30/09	03/30/09 16:32	1014
Indeno(1,2,3-c,d)Pyrene	**150**	ug/kg	190	J	1	03/30/09	03/30/09 16:32	1014
Isophorone	ND	ug/kg	190		1	03/30/09	03/30/09 16:32	1014
2-Methylnaphthalene	ND	ug/kg	190		1	03/30/09	03/30/09 16:32	1014
2-Methyl phenol	ND	ug/kg	190		1	03/30/09	03/30/09 16:32	1014
3&4-Methylphenol	ND	ug/kg	190		1	03/30/09	03/30/09 16:32	1014
Naphthalene	ND	ug/kg	190		1	03/30/09	03/30/09 16:32	1014
Nitrobenzene	ND	ug/kg	190		1	03/30/09	03/30/09 16:32	1014
N-Nitrosodi-n-propyl amine	ND	ug/kg	77		1	03/30/09	03/30/09 16:32	1014
N-Nitrosodiphenylamine	ND	ug/kg	190		1	03/30/09	03/30/09 16:32	1014
Pentachlorophenol	ND	ug/kg	380		1	03/30/09	03/30/09 16:32	1014
Phenanthrene	**450**	ug/kg	190		1	03/30/09	03/30/09 16:32	1014
Phenol	ND	ug/kg	190		1	03/30/09	03/30/09 16:32	1014
Pyrene	**630**	ug/kg	190		1	03/30/09	03/30/09 16:32	1014
Bis(2-ethylhexyl)adipate	ND	ug/kg	190		1	03/30/09	03/30/09 16:32	1014
1,2,4-Trichlorobenzene	ND	ug/kg	190		1	03/30/09	03/30/09 16:32	1014
2,4,6-Trichlorophenol	ND	ug/kg	190		1	03/30/09	03/30/09 16:32	1014
2,4,5-Trichlorophenol	ND	ug/kg	190		1	03/30/09	03/30/09 16:32	1014

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CERTIFICATE OF ANALYSIS

No: 9032703

Arc Environmental, Baltimore, MD

April 10, 2009

Project Name: 1411 Warner Street
Project Location: Lot J
Project ID: 070-9

Sample ID: SB-6 0-1 | **Date/Time Sampled: 03/26/2009 11:40** | **PSS Sample ID: 9032703-007**
Matrix: SOIL | **Date/Time Received: 03/27/2009 09:15** | **% Solids: 90**

PP MDE Metals | Analytical Method: SW846 6020A | Preparation Method: SW846 3050B

	Result	Units	Rep Limit	Flag	Dil	Prepared	Analyzed	Analyst
Antimony	**3.3**	mg/kg	2.6		1	03/31/09	04/02/09 17:04	1033
Arsenic	**17**	mg/kg	0.3		1	03/31/09	04/02/09 17:04	1033
Beryllium	ND	mg/kg	2.6		1	03/31/09	04/02/09 17:04	1033
Cadmium	ND	mg/kg	2.6		1	03/31/09	04/02/09 17:04	1033
Chromium	**36**	mg/kg	2.6		1	03/31/09	04/02/09 17:04	1033
Copper	**88**	mg/kg	2.6		1	03/31/09	04/02/09 17:04	1033
Lead	**270**	mg/kg	2.6		1	03/31/09	04/03/09 14:34	1033
Mercury	**0.62**	mg/kg	0.1		1	03/31/09	04/03/09 14:34	1033
Nickel	**18**	mg/kg	2.6		1	03/31/09	04/02/09 17:04	1033
Selenium	ND	mg/kg	2.6		1	03/31/09	04/02/09 17:04	1033
Silver	ND	mg/kg	2.6		1	03/31/09	04/02/09 17:04	1033
Thallium	ND	mg/kg	2.1		1	03/31/09	04/02/09 17:04	1033
Zinc	**160**	mg/kg	11		1	03/31/09	04/02/09 17:04	1033

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Sample ID: SB-6 0-1 | **Date/Time Sampled: 03/26/2009 11:40** | **PSS Sample ID: 9032703-007**
Matrix: SOIL | **Date/Time Received: 03/27/2009 09:15** | **% Solids: 90**

VCP Organochlorine Pesticides | Analytical Method: SW846 8081B | Preparation Method: SW846 3550

	Result	Units	Rep Limit	Flag	Dil	Prepared	Analyzed	Analyst
4,4-DDD	ND	ug/kg	22		1	03/31/09	04/01/09 22:22	1029
4,4-DDE	ND	ug/kg	22		1	03/31/09	04/01/09 22:22	1029
4,4-DDT	ND	ug/kg	22		1	03/31/09	04/01/09 22:22	1029
Aldrin	ND	ug/kg	22		1	03/31/09	04/01/09 22:22	1029
alpha-BHC	ND	ug/kg	22		1	03/31/09	04/01/09 22:22	1029
alpha-Chlordane	ND	ug/kg	22		1	03/31/09	04/01/09 22:22	1029
beta-BHC	ND	ug/kg	22		1	03/31/09	04/01/09 22:22	1029
delta-BHC	ND	ug/kg	22		1	03/31/09	04/01/09 22:22	1029
Dieldrin	ND	ug/kg	22		1	03/31/09	04/01/09 22:22	1029
Endosulfan I	ND	ug/kg	22		1	03/31/09	04/01/09 22:22	1029
Endosulfan II	ND	ug/kg	22		1	03/31/09	04/01/09 22:22	1029
Endosulfan sulfate	ND	ug/kg	22		1	03/31/09	04/01/09 22:22	1029
Endrin	ND	ug/kg	22		1	03/31/09	04/01/09 22:22	1029
Endrin aldehyde	ND	ug/kg	22		1	03/31/09	04/01/09 22:22	1029
Endrin ketone	ND	ug/kg	22		1	03/31/09	04/01/09 22:22	1029
gamma-BHC (Lindane)	ND	ug/kg	22		1	03/31/09	04/01/09 22:22	1029
gamma-Chlordane	ND	ug/kg	22		1	03/31/09	04/01/09 22:22	1029
Heptachlor	ND	ug/kg	22		1	03/31/09	04/01/09 22:22	1029
Heptachlor epoxide	ND	ug/kg	22		1	03/31/09	04/01/09 22:22	1029
Methoxychlor	ND	ug/kg	22		1	03/31/09	04/01/09 22:22	1029
Toxaphene	ND	ug/kg	220		1	03/31/09	04/01/09 22:22	1029

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April 10, 2009

Project Name: 1411 Warner Street
Project Location: Lot J
Project ID: 070-9

Sample ID: SB-6 0-1 | **Date/Time Sampled: 03/26/2009 11:40** | **PSS Sample ID: 9032703-007**
Matrix: SOIL | **Date/Time Received: 03/27/2009 09:15** | **% Solids: 90**

Polychlorinated Biphenyls

Analytical Method: SW846 8082A
Preparation Method: SW846 3550
Clean up Method: SW846 3665A

	Result	Units	Rep Limit	Flag	Dil	Prepared	Analyzed	Analyst
PCB-1016	ND	mg/kg	0.1		1	03/30/09	03/31/09 12:38	1029
PCB-1221	ND	mg/kg	0.1		1	03/30/09	03/31/09 12:38	1029
PCB-1232	ND	mg/kg	0.1		1	03/30/09	03/31/09 12:38	1029
PCB-1242	ND	mg/kg	0.1		1	03/30/09	03/31/09 12:38	1029
PCB-1248	ND	mg/kg	0.1		1	03/30/09	03/31/09 12:38	1029
PCB-1254	ND	mg/kg	0.1		1	03/30/09	03/31/09 12:38	1029
PCB-1260	ND	mg/kg	0.1		1	03/30/09	03/31/09 12:38	1029

VCP Chlorinated Herbicides

Analytical Method: SW846 8151A

	Result	Units	Rep Limit	Flag	Dil	Prepared	Analyzed	Analyst
Dalapon	ND	ug/kg	550		1	04/01/09	04/03/09 01:19	1029
2,4-D	ND	ug/kg	220		1	04/01/09	04/03/09 01:19	1029
2,4,5-TP (Silvex)	ND	ug/kg	22		1	04/01/09	04/03/09 01:19	1029
Dinoseb	ND	ug/kg	110		1	04/01/09	04/03/09 01:19	1029

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Sample ID: SB-6 0-1 | **Date/Time Sampled: 03/26/2009 11:40** | **PSS Sample ID: 9032703-007**
Matrix: SOIL | **Date/Time Received: 03/27/2009 09:15** | **% Solids: 90**

TCL Semivolatile Organic Compounds | Analytical Method: SW846 8270C | Preparation Method: SW846 3550

	Result	Units	Rep Limit	Flag	Dil	Prepared	Analyzed	Analyst
Acenaphthene	ND	ug/kg	180		1	03/30/09	03/30/09 17:58	1014
Acenaphthylene	ND	ug/kg	180		1	03/30/09	03/30/09 17:58	1014
Anthracene	**210**	ug/kg	180		1	03/30/09	03/30/09 17:58	1014
Benzo(a)anthracene	**760**	ug/kg	180		1	03/30/09	03/30/09 17:58	1014
Benzo(a)pyrene	**800**	ug/kg	26		1	03/30/09	03/30/09 17:58	1014
Benzo(b)fluoranthene	**710**	ug/kg	180		1	03/30/09	03/30/09 17:58	1014
Benzo(g,h,i)perylene	**640**	ug/kg	180		1	03/30/09	03/30/09 17:58	1014
Benzo(k)fluoranthene	**750**	ug/kg	180		1	03/30/09	03/30/09 17:58	1014
bis(2-chloroethyl) ether	ND	ug/kg	180		1	03/30/09	03/30/09 17:58	1014
bis(2-chloroisopropyl) ether	ND	ug/kg	180		1	03/30/09	03/30/09 17:58	1014
bis(2-ethylhexyl) phthalate	**120**	ug/kg	180	J	1	03/30/09	03/30/09 17:58	1014
Di-n-butyl phthalate	ND	ug/kg	370		1	03/30/09	03/30/09 17:58	1014
Carbazole	ND	ug/kg	180		1	03/30/09	03/30/09 17:58	1014
4-Chloroaniline	ND	ug/kg	370		1	03/30/09	03/30/09 17:58	1014
2-Chloronaphthalene	ND	ug/kg	180		1	03/30/09	03/30/09 17:58	1014
2-Chlorophenol	ND	ug/kg	180		1	03/30/09	03/30/09 17:58	1014
Chrysene	**840**	ug/kg	180		1	03/30/09	03/30/09 17:58	1014
Dibenz(a,h)Anthracene	**190**	ug/kg	26		1	03/30/09	03/30/09 17:58	1014
Dibenzofuran	ND	ug/kg	180		1	03/30/09	03/30/09 17:58	1014
1,2-Dichlorobenzene	ND	ug/kg	180		1	03/30/09	03/30/09 17:58	1014
1,3-Dichlorobenzene	ND	ug/kg	180		1	03/30/09	03/30/09 17:58	1014
1,4-Dichlorobenzene	ND	ug/kg	180		1	03/30/09	03/30/09 17:58	1014
3,3-Dichlorobenzidine	ND	ug/kg	180		1	03/30/09	03/30/09 17:58	1014
2,4-Dichlorophenol	ND	ug/kg	180		1	03/30/09	03/30/09 17:58	1014
Diethyl phthalate	ND	ug/kg	180		1	03/30/09	03/30/09 17:58	1014
2,4-Dimethylphenol	ND	ug/kg	180		1	03/30/09	03/30/09 17:58	1014
2,4-Dinitrophenol	ND	ug/kg	370		1	03/30/09	03/30/09 17:58	1014
2,4-Dinitrotoluene	ND	ug/kg	180		1	03/30/09	03/30/09 17:58	1014
2,6-Dinitrotoluene	ND	ug/kg	180		1	03/30/09	03/30/09 17:58	1014
Fluoranthene	**1,200**	ug/kg	180		1	03/30/09	03/30/09 17:58	1014

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CERTIFICATE OF ANALYSIS

No: 9032703

Arc Environmental, Baltimore, MD

April 10, 2009

Project Name: 1411 Warner Street
Project Location: Lot J
Project ID: 070-9

Sample ID: SB-6 0-1 | **Date/Time Sampled: 03/26/2009 11:40** | **PSS Sample ID: 9032703-007**
Matrix: SOIL | **Date/Time Received: 03/27/2009 09:15** | **% Solids: 90**

TCL Semivolatile Organic Compounds | Analytical Method: SW846 8270C | Preparation Method: SW846 3550

	Result	Units	Rep Limit	Flag	Dil	Prepared	Analyzed	Analyst
Fluorene	**100**	ug/kg	180	J	1	03/30/09	03/30/09 17:58	1014
Hexachlorobenzene	ND	ug/kg	180		1	03/30/09	03/30/09 17:58	1014
Hexachlorobutadiene	ND	ug/kg	180		1	03/30/09	03/30/09 17:58	1014
Hexachlorocyclopentadiene	ND	ug/kg	180		1	03/30/09	03/30/09 17:58	1014
Hexachloroethane	ND	ug/kg	180		1	03/30/09	03/30/09 17:58	1014
Indeno(1,2,3-c,d)Pyrene	**520**	ug/kg	180		1	03/30/09	03/30/09 17:58	1014
Isophorone	ND	ug/kg	180		1	03/30/09	03/30/09 17:58	1014
2-Methylnaphthalene	**260**	ug/kg	180		1	03/30/09	03/30/09 17:58	1014
2-Methyl phenol	ND	ug/kg	180		1	03/30/09	03/30/09 17:58	1014
3&4-Methylphenol	ND	ug/kg	180		1	03/30/09	03/30/09 17:58	1014
Naphthalene	**140**	ug/kg	180	J	1	03/30/09	03/30/09 17:58	1014
Nitrobenzene	ND	ug/kg	180		1	03/30/09	03/30/09 17:58	1014
N-Nitrosodi-n-propyl amine	ND	ug/kg	74		1	03/30/09	03/30/09 17:58	1014
N-Nitrosodiphenylamine	ND	ug/kg	180		1	03/30/09	03/30/09 17:58	1014
Pentachlorophenol	ND	ug/kg	370		1	03/30/09	03/30/09 17:58	1014
Phenanthrene	**1,100**	ug/kg	180		1	03/30/09	03/30/09 17:58	1014
Phenol	ND	ug/kg	180		1	03/30/09	03/30/09 17:58	1014
Pyrene	**2,100**	ug/kg	180		1	03/30/09	03/30/09 17:58	1014
Bis(2-ethylhexyl)adipate	ND	ug/kg	180		1	03/30/09	03/30/09 17:58	1014
1,2,4-Trichlorobenzene	ND	ug/kg	180		1	03/30/09	03/30/09 17:58	1014
2,4,6-Trichlorophenol	ND	ug/kg	180		1	03/30/09	03/30/09 17:58	1014
2,4,5-Trichlorophenol	ND	ug/kg	180		1	03/30/09	03/30/09 17:58	1014

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PHASE SEPARATION SCIENCE, INC.

CERTIFICATE OF ANALYSIS

No: 9032703

Arc Environmental, Baltimore, MD

April 10, 2009

Project Name: 1411 Warner Street
Project Location: Lot J
Project ID: 070-9

Sample ID: SB-6 4-5 | **Date/Time Sampled: 03/26/2009 11:45** | **PSS Sample ID: 9032703-008**
Matrix: SOIL | **Date/Time Received: 03/27/2009 09:15** | **% Solids: 90**

PP MDE Metals — Analytical Method: SW846 6020A — Preparation Method: SW846 3050B

	Result	Units	Rep Limit	Flag	Dil	Prepared	Analyzed	Analyst
Antimony	**2.8**	mg/kg	2.4		1	03/31/09	04/02/09 17:10	1033
Arsenic	**10**	mg/kg	0.2		1	03/31/09	04/02/09 17:10	1033
Beryllium	ND	mg/kg	2.4		1	03/31/09	04/02/09 17:10	1033
Cadmium	ND	mg/kg	2.4		1	03/31/09	04/02/09 17:10	1033
Chromium	**35**	mg/kg	2.4		1	03/31/09	04/02/09 17:10	1033
Copper	**56**	mg/kg	2.4		1	03/31/09	04/02/09 17:10	1033
Lead	**250**	mg/kg	2.4		1	03/31/09	04/03/09 14:41	1033
Mercury	**1.3**	mg/kg	0.1		1	03/31/09	04/03/09 14:41	1033
Nickel	**13**	mg/kg	2.4		1	03/31/09	04/02/09 17:10	1033
Selenium	ND	mg/kg	2.4		1	03/31/09	04/02/09 17:10	1033
Silver	ND	mg/kg	2.4		1	03/31/09	04/02/09 17:10	1033
Thallium	ND	mg/kg	1.9		1	03/31/09	04/02/09 17:10	1033
Zinc	**110**	mg/kg	9.6		1	03/31/09	04/02/09 17:10	1033

Total Petroleum Hydrocarbons - DRO — Analytical Method: SW846 8015C — Preparation Method: SW846 3550

HF - Heavier fuel/oil pattern observed in sample.

	Result	Units	Rep Limit	Flag	Dil	Prepared	Analyzed	Analyst
TPH-DRO (Diesel Range Organics)	**130**	mg/kg	110	HF	10	03/30/09	03/30/09 17:20	1040

Total Petroleum Hydrocarbons-GRO — Analytical Method: SW846 8015C — Preparation Method: SW846 5030

	Result	Units	Rep Limit	Flag	Dil	Prepared	Analyzed	Analyst
TPH-GRO (Gasoline Range Organics)	ND	ug/kg	110		1	03/27/09	03/27/09 18:40	1035

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CERTIFICATE OF ANALYSIS

No: 9032703
Arc Environmental, Baltimore, MD
April 10, 2009

Project Name: 1411 Warner Street
Project Location: Lot J
Project ID: 070-9

Sample ID: SB-6 4-5 | **Date/Time Sampled: 03/26/2009 11:45** | **PSS Sample ID: 9032703-008**
Matrix: SOIL | **Date/Time Received: 03/27/2009 09:15** | **% Solids: 90**

VCP Organochlorine Pesticides — Analytical Method: SW846 8081B — Preparation Method: SW846 3550

	Result	Units	Rep Limit	Flag	Dil	Prepared	Analyzed	Analyst
4,4-DDD	ND	ug/kg	110		1	03/31/09	04/02/09 00:14	1029
4,4-DDE	ND	ug/kg	110		1	03/31/09	04/02/09 00:14	1029
4,4-DDT	ND	ug/kg	110		1	03/31/09	04/02/09 00:14	1029
Aldrin	ND	ug/kg	110		1	03/31/09	04/02/09 00:14	1029
alpha-BHC	ND	ug/kg	110		1	03/31/09	04/02/09 00:14	1029
alpha-Chlordane	ND	ug/kg	110		1	03/31/09	04/02/09 00:14	1029
beta-BHC	ND	ug/kg	110		1	03/31/09	04/02/09 00:14	1029
delta-BHC	ND	ug/kg	110		1	03/31/09	04/02/09 00:14	1029
Dieldrin	ND	ug/kg	110		1	03/31/09	04/02/09 00:14	1029
Endosulfan I	ND	ug/kg	110		1	03/31/09	04/02/09 00:14	1029
Endosulfan II	ND	ug/kg	110		1	03/31/09	04/02/09 00:14	1029
Endosulfan sulfate	ND	ug/kg	110		1	03/31/09	04/02/09 00:14	1029
Endrin	ND	ug/kg	110		1	03/31/09	04/02/09 00:14	1029
Endrin aldehyde	ND	ug/kg	110		1	03/31/09	04/02/09 00:14	1029
Endrin ketone	ND	ug/kg	110		1	03/31/09	04/02/09 00:14	1029
gamma-BHC (Lindane)	ND	ug/kg	110		1	03/31/09	04/02/09 00:14	1029
gamma-Chlordane	ND	ug/kg	110		1	03/31/09	04/02/09 00:14	1029
Heptachlor	ND	ug/kg	110		1	03/31/09	04/02/09 00:14	1029
Heptachlor epoxide	ND	ug/kg	110		1	03/31/09	04/02/09 00:14	1029
Methoxychlor	ND	ug/kg	110		1	03/31/09	04/02/09 00:14	1029
Toxaphene	ND	ug/kg	1,100		1	03/31/09	04/02/09 00:14	1029

VCP Chlorinated Herbicides — Analytical Method: SW846 8151A

	Result	Units	Rep Limit	Flag	Dil	Prepared	Analyzed	Analyst
Dalapon	ND	ug/kg	560		1	04/01/09	04/03/09 01:53	1029
2,4-D	ND	ug/kg	220		1	04/01/09	04/03/09 01:53	1029
2,4,5-TP (Silvex)	ND	ug/kg	22		1	04/01/09	04/03/09 01:53	1029
Dinoseb	ND	ug/kg	110		1	04/01/09	04/03/09 01:53	1029

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No: 9032703

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April 10, 2009

Project Name: 1411 Warner Street
Project Location: Lot J
Project ID: 070-9

Sample ID: SB-6 4-5 | **Date/Time Sampled: 03/26/2009 11:45** | **PSS Sample ID: 9032703-008**
Matrix: SOIL | **Date/Time Received: 03/27/2009 09:15** | **% Solids: 90**

TCL Volatile Organic Compounds | Analytical Method: SW846 8260B | Preparation Method: SW846 5035A

	Result	Units	Rep Limit	Flag	Dil	Prepared	Analyzed	Analyst
Chloromethane	ND	ug/kg	6		1	03/30/09	03/30/09 18:03	1011
Vinyl Chloride	ND	ug/kg	6		1	03/30/09	03/30/09 18:03	1011
Bromomethane	ND	ug/kg	6		1	03/30/09	03/30/09 18:03	1011
Chloroethane	ND	ug/kg	6		1	03/30/09	03/30/09 18:03	1011
Acetone	ND	ug/kg	25		1	03/30/09	03/30/09 18:03	1011
1,1-Dichloroethene	ND	ug/kg	6		1	03/30/09	03/30/09 18:03	1011
Methylene Chloride	ND	ug/kg	6		1	03/30/09	03/30/09 18:03	1011
trans-1,2-Dichloroethene	ND	ug/kg	6		1	03/30/09	03/30/09 18:03	1011
Methyl-t-butyl ether	ND	ug/kg	6		1	03/30/09	03/30/09 18:03	1011
1,1-Dichloroethane	ND	ug/kg	6		1	03/30/09	03/30/09 18:03	1011
2-Butanone	ND	ug/kg	25		1	03/30/09	03/30/09 18:03	1011
cis-1,2-Dichloroethene	ND	ug/kg	6		1	03/30/09	03/30/09 18:03	1011
Chloroform	ND	ug/kg	6		1	03/30/09	03/30/09 18:03	1011
1,1,1-Trichloroethane	ND	ug/kg	6		1	03/30/09	03/30/09 18:03	1011
1,2-Dichloroethane	ND	ug/kg	6		1	03/30/09	03/30/09 18:03	1011
Carbon Tetrachloride	ND	ug/kg	6		1	03/30/09	03/30/09 18:03	1011
Benzene	ND	ug/kg	6		1	03/30/09	03/30/09 18:03	1011
1,2-Dichloropropane	ND	ug/kg	6		1	03/30/09	03/30/09 18:03	1011
Carbon Disulfide	ND	ug/kg	13		1	03/30/09	03/30/09 18:03	1011
Trichloroethene	ND	ug/kg	6		1	03/30/09	03/30/09 18:03	1011
Bromodichloromethane	ND	ug/kg	6		1	03/30/09	03/30/09 18:03	1011
cis-1,3-Dichloropropene	ND	ug/kg	6		1	03/30/09	03/30/09 18:03	1011
4-Methyl-2-Pentanone	ND	ug/kg	25		1	03/30/09	03/30/09 18:03	1011
trans-1,3-Dichloropropene	ND	ug/kg	6		1	03/30/09	03/30/09 18:03	1011
1,1,2-Trichloroethane	ND	ug/kg	6		1	03/30/09	03/30/09 18:03	1011
Toluene	ND	ug/kg	6		1	03/30/09	03/30/09 18:03	1011
1,2-Dibromoethane	ND	ug/kg	6		1	03/30/09	03/30/09 18:03	1011
Dibromochloromethane	ND	ug/kg	6		1	03/30/09	03/30/09 18:03	1011
Bromoform	ND	ug/kg	6		1	03/30/09	03/30/09 18:03	1011
Tetrachloroethene	ND	ug/kg	6		1	03/30/09	03/30/09 18:03	1011

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CERTIFICATE OF ANALYSIS

No: 9032703

Arc Environmental, Baltimore, MD

April 10, 2009

Project Name: 1411 Warner Street
Project Location: Lot J
Project ID: 070-9

Sample ID: SB-6 4-5 | **Date/Time Sampled: 03/26/2009 11:45** | **PSS Sample ID: 9032703-008**
Matrix: SOIL | **Date/Time Received: 03/27/2009 09:15** | **% Solids: 90**

TCL Volatile Organic Compounds | Analytical Method: SW846 8260B | Preparation Method: SW846 5035A

	Result	Units	Rep Limit	Flag	Dil	Prepared	Analyzed	Analyst
Chlorobenzene	ND	ug/kg	6		1	03/30/09	03/30/09 18:03	1011
Ethylbenzene	ND	ug/kg	6		1	03/30/09	03/30/09 18:03	1011
m,p-Xylenes	ND	ug/kg	13		1	03/30/09	03/30/09 18:03	1011
Styrene	ND	ug/kg	6		1	03/30/09	03/30/09 18:03	1011
1,1,2,2-Tetrachloroethane	ND	ug/kg	6		1	03/30/09	03/30/09 18:03	1011
o-Xylene	ND	ug/kg	6		1	03/30/09	03/30/09 18:03	1011
Isopropylbenzene	ND	ug/kg	6		1	03/30/09	03/30/09 18:03	1011
n-Propylbenzene	ND	ug/kg	6		1	03/30/09	03/30/09 18:03	1011
1,3,5-Trimethylbenzene	ND	ug/kg	6		1	03/30/09	03/30/09 18:03	1011
1,2,4-Trimethylbenzene	ND	ug/kg	6		1	03/30/09	03/30/09 18:03	1011
n-Butylbenzene	ND	ug/kg	6		1	03/30/09	03/30/09 18:03	1011
1,2-Dibromo-3-Chloropropane	ND	ug/kg	50		1	03/30/09	03/30/09 18:03	1011

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No: 9032703
Arc Environmental, Baltimore, MD
April 10, 2009

Project Name: 1411 Warner Street
Project Location: Lot J
Project ID: 070-9

Sample ID: SB-6 4-5 | **Date/Time Sampled: 03/26/2009 11:45** | **PSS Sample ID: 9032703-008**
Matrix: SOIL | **Date/Time Received: 03/27/2009 09:15** | **% Solids: 90**

TCL Semivolatile Organic Compounds | Analytical Method: SW846 8270C | Preparation Method: SW846 3550

	Result	Units	Rep Limit	Flag	Dil	Prepared	Analyzed	Analyst
Acenaphthene	ND	ug/kg	1,900		10	03/30/09	03/30/09 20:48	1014
Acenaphthylene	ND	ug/kg	1,900		10	03/30/09	03/30/09 20:48	1014
Anthracene	ND	ug/kg	1,900		10	03/30/09	03/30/09 20:48	1014
Benzo(a)anthracene	ND	ug/kg	1,900		10	03/30/09	03/30/09 20:48	1014
Benzo(a)pyrene	ND	ug/kg	260		10	03/30/09	03/30/09 20:48	1014
Benzo(b)fluoranthene	ND	ug/kg	1,900		10	03/30/09	03/30/09 20:48	1014
Benzo(g,h,i)perylene	ND	ug/kg	1,900		10	03/30/09	03/30/09 20:48	1014
Benzo(k)fluoranthene	ND	ug/kg	1,900		10	03/30/09	03/30/09 20:48	1014
bis(2-chloroethyl) ether	ND	ug/kg	1,900		10	03/30/09	03/30/09 20:48	1014
bis(2-chloroisopropyl) ether	ND	ug/kg	1,900		10	03/30/09	03/30/09 20:48	1014
bis(2-ethylhexyl) phthalate	ND	ug/kg	1,900		10	03/30/09	03/30/09 20:48	1014
Di-n-butyl phthalate	ND	ug/kg	3,700		10	03/30/09	03/30/09 20:48	1014
Carbazole	ND	ug/kg	1,900		10	03/30/09	03/30/09 20:48	1014
4-Chloroaniline	ND	ug/kg	3,700		10	03/30/09	03/30/09 20:48	1014
2-Chloronaphthalene	ND	ug/kg	1,900		10	03/30/09	03/30/09 20:48	1014
2-Chlorophenol	ND	ug/kg	1,900		10	03/30/09	03/30/09 20:48	1014
Chrysene	ND	ug/kg	1,900		10	03/30/09	03/30/09 20:48	1014
Dibenz(a,h)Anthracene	ND	ug/kg	260		10	03/30/09	03/30/09 20:48	1014
Dibenzofuran	ND	ug/kg	1,900		10	03/30/09	03/30/09 20:48	1014
1,2-Dichlorobenzene	ND	ug/kg	1,900		10	03/30/09	03/30/09 20:48	1014
1,3-Dichlorobenzene	ND	ug/kg	1,900		10	03/30/09	03/30/09 20:48	1014
1,4-Dichlorobenzene	ND	ug/kg	1,900		10	03/30/09	03/30/09 20:48	1014
3,3-Dichlorobenzidine	ND	ug/kg	1,900		10	03/30/09	03/30/09 20:48	1014
2,4-Dichlorophenol	ND	ug/kg	1,900		10	03/30/09	03/30/09 20:48	1014
Diethyl phthalate	ND	ug/kg	1,900		10	03/30/09	03/30/09 20:48	1014
2,4-Dimethylphenol	ND	ug/kg	1,900		10	03/30/09	03/30/09 20:48	1014
2,4-Dinitrophenol	ND	ug/kg	3,700		10	03/30/09	03/30/09 20:48	1014
2,4-Dinitrotoluene	ND	ug/kg	1,900		10	03/30/09	03/30/09 20:48	1014
2,6-Dinitrotoluene	ND	ug/kg	1,900		10	03/30/09	03/30/09 20:48	1014
Fluoranthene	ND	ug/kg	1,900		10	03/30/09	03/30/09 20:48	1014

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CERTIFICATE OF ANALYSIS

No: 9032703

Arc Environmental, Baltimore, MD

April 10, 2009

Project Name: 1411 Warner Street
Project Location: Lot J
Project ID: 070-9

Sample ID: SB-6 4-5 | **Date/Time Sampled: 03/26/2009 11:45** | **PSS Sample ID: 9032703-008**
Matrix: SOIL | **Date/Time Received: 03/27/2009 09:15** | **% Solids: 90**

TCL Semivolatile Organic Compounds | Analytical Method: SW846 8270C | Preparation Method: SW846 3550

	Result	Units	Rep Limit	Flag	Dil	Prepared	Analyzed	Analyst
Fluorene	ND	ug/kg	1,900		10	03/30/09	03/30/09 20:48	1014
Hexachlorobenzene	ND	ug/kg	1,900		10	03/30/09	03/30/09 20:48	1014
Hexachlorobutadiene	ND	ug/kg	1,900		10	03/30/09	03/30/09 20:48	1014
Hexachlorocyclopentadiene	ND	ug/kg	1,900		10	03/30/09	03/30/09 20:48	1014
Hexachloroethane	ND	ug/kg	1,900		10	03/30/09	03/30/09 20:48	1014
Indeno(1,2,3-c,d)Pyrene	ND	ug/kg	1,900		10	03/30/09	03/30/09 20:48	1014
Isophorone	ND	ug/kg	1,900		10	03/30/09	03/30/09 20:48	1014
2-Methylnaphthalene	ND	ug/kg	1,900		10	03/30/09	03/30/09 20:48	1014
2-Methyl phenol	ND	ug/kg	1,900		10	03/30/09	03/30/09 20:48	1014
3&4-Methylphenol	ND	ug/kg	1,900		10	03/30/09	03/30/09 20:48	1014
Naphthalene	ND	ug/kg	1,900		10	03/30/09	03/30/09 20:48	1014
Nitrobenzene	ND	ug/kg	1,900		10	03/30/09	03/30/09 20:48	1014
N-Nitrosodi-n-propyl amine	ND	ug/kg	740		10	03/30/09	03/30/09 20:48	1014
N-Nitrosodiphenylamine	ND	ug/kg	1,900		10	03/30/09	03/30/09 20:48	1014
Pentachlorophenol	ND	ug/kg	3,700		10	03/30/09	03/30/09 20:48	1014
Phenanthrene	ND	ug/kg	1,900		10	03/30/09	03/30/09 20:48	1014
Phenol	ND	ug/kg	1,900		10	03/30/09	03/30/09 20:48	1014
Pyrene	ND	ug/kg	1,900		10	03/30/09	03/30/09 20:48	1014
Bis(2-ethylhexyl)adipate	ND	ug/kg	1,900		10	03/30/09	03/30/09 20:48	1014
1,2,4-Trichlorobenzene	ND	ug/kg	1,900		10	03/30/09	03/30/09 20:48	1014
2,4,6-Trichlorophenol	ND	ug/kg	1,900		10	03/30/09	03/30/09 20:48	1014
2,4,5-Trichlorophenol	ND	ug/kg	1,900		10	03/30/09	03/30/09 20:48	1014

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Arc Environmental, Baltimore, MD

April 10, 2009

Project Name: 1411 Warner Street
Project Location: Lot J
Project ID: 070-9

Sample ID: SB-3 0-1 | **Date/Time Sampled: 03/26/2009 16:05** | **PSS Sample ID: 9032703-009**
Matrix: SOIL | **Date/Time Received: 03/27/2009 09:15** | **% Solids: 90**

PP MDE Metals | Analytical Method: SW846 6020A | Preparation Method: SW846 3050B

	Result	Units	Rep Limit	Flag	Dil	Prepared	Analyzed	Analyst
Antimony	ND	mg/kg	2.6		1	03/31/09	04/02/09 17:16	1033
Arsenic	**2.3**	mg/kg	0.3		1	03/31/09	04/02/09 17:16	1033
Beryllium	ND	mg/kg	2.6		1	03/31/09	04/02/09 17:16	1033
Cadmium	ND	mg/kg	2.6		1	03/31/09	04/02/09 17:16	1033
Chromium	**24**	mg/kg	2.6		1	03/31/09	04/02/09 17:16	1033
Copper	**18**	mg/kg	2.6		1	03/31/09	04/02/09 17:16	1033
Lead	**61**	mg/kg	2.6		1	03/31/09	04/03/09 14:47	1033
Mercury	**0.11**	mg/kg	0.1		1	03/31/09	04/03/09 14:47	1033
Nickel	**14**	mg/kg	2.6		1	03/31/09	04/02/09 17:16	1033
Selenium	ND	mg/kg	2.6		1	03/31/09	04/02/09 17:16	1033
Silver	ND	mg/kg	2.6		1	03/31/09	04/02/09 17:16	1033
Thallium	ND	mg/kg	2.1		1	03/31/09	04/02/09 17:16	1033
Zinc	**120**	mg/kg	10		1	03/31/09	04/02/09 17:16	1033

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April 10, 2009

Project Name: 1411 Warner Street
Project Location: Lot J
Project ID: 070-9

Sample ID: SB-3 0-1 | **Date/Time Sampled: 03/26/2009 16:05** | **PSS Sample ID: 9032703-009**
Matrix: SOIL | **Date/Time Received: 03/27/2009 09:15** | **% Solids: 90**

VCP Organochlorine Pesticides | Analytical Method: SW846 8081B | Preparation Method: SW846 3550

	Result	Units	Rep Limit	Flag	Dil	Prepared	Analyzed	Analyst
4,4-DDD	ND	ug/kg	43		2	03/31/09	04/01/09 20:58	1029
4,4-DDE	ND	ug/kg	43		2	03/31/09	04/01/09 20:58	1029
4,4-DDT	ND	ug/kg	43		2	03/31/09	04/01/09 20:58	1029
Aldrin	ND	ug/kg	43		2	03/31/09	04/01/09 20:58	1029
alpha-BHC	ND	ug/kg	43		2	03/31/09	04/01/09 20:58	1029
alpha-Chlordane	**61**	ug/kg	43		2	03/31/09	04/01/09 20:58	1029
beta-BHC	ND	ug/kg	43		2	03/31/09	04/01/09 20:58	1029
delta-BHC	ND	ug/kg	43		2	03/31/09	04/01/09 20:58	1029
Dieldrin	ND	ug/kg	43		2	03/31/09	04/01/09 20:58	1029
Endosulfan I	ND	ug/kg	43		2	03/31/09	04/01/09 20:58	1029
Endosulfan II	ND	ug/kg	43		2	03/31/09	04/01/09 20:58	1029
Endosulfan sulfate	ND	ug/kg	43		2	03/31/09	04/01/09 20:58	1029
Endrin	ND	ug/kg	43		2	03/31/09	04/01/09 20:58	1029
Endrin aldehyde	ND	ug/kg	43		2	03/31/09	04/01/09 20:58	1029
Endrin ketone	ND	ug/kg	43		2	03/31/09	04/01/09 20:58	1029
gamma-BHC (Lindane)	ND	ug/kg	43		2	03/31/09	04/01/09 20:58	1029
gamma-Chlordane	**47**	ug/kg	43		2	03/31/09	04/01/09 20:58	1029
Heptachlor	ND	ug/kg	43		2	03/31/09	04/01/09 20:58	1029
Heptachlor epoxide	ND	ug/kg	43		2	03/31/09	04/01/09 20:58	1029
Methoxychlor	ND	ug/kg	43		2	03/31/09	04/01/09 20:58	1029
Toxaphene	ND	ug/kg	430		2	03/31/09	04/01/09 20:58	1029

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PHASE SEPARATION SCIENCE, INC.

CERTIFICATE OF ANALYSIS

No: 9032703

Arc Environmental, Baltimore, MD

April 10, 2009

Project Name: 1411 Warner Street
Project Location: Lot J
Project ID: 070-9

Sample ID: SB-3 0-1 | **Date/Time Sampled: 03/26/2009 16:05** | **PSS Sample ID: 9032703-009**
Matrix: SOIL | **Date/Time Received: 03/27/2009 09:15** | **% Solids: 90**

Polychlorinated Biphenyls

Analytical Method: SW846 8082A
Preparation Method: SW846 3550
Clean up Method: SW846 3665A

	Result	Units	Rep Limit	Flag	Dil	Prepared	Analyzed	Analyst
PCB-1016	ND	mg/kg	0.1		1	03/30/09	03/31/09 12:38	1029
PCB-1221	ND	mg/kg	0.1		1	03/30/09	03/31/09 12:38	1029
PCB-1232	ND	mg/kg	0.1		1	03/30/09	03/31/09 12:38	1029
PCB-1242	ND	mg/kg	0.1		1	03/30/09	03/31/09 12:38	1029
PCB-1248	ND	mg/kg	0.1		1	03/30/09	03/31/09 12:38	1029
PCB-1254	ND	mg/kg	0.1		1	03/30/09	03/31/09 12:38	1029
PCB-1260	**0.2**	mg/kg	0.1		1	03/30/09	03/31/09 12:38	1029

VCP Chlorinated Herbicides

Analytical Method: SW846 8151A

	Result	Units	Rep Limit	Flag	Dil	Prepared	Analyzed	Analyst
Dalapon	ND	ug/kg	550		1	04/01/09	04/03/09 02:27	1029
2,4-D	ND	ug/kg	220		1	04/01/09	04/03/09 02:27	1029
2,4,5-TP (Silvex)	ND	ug/kg	22		1	04/01/09	04/03/09 02:27	1029
Dinoseb	ND	ug/kg	110		1	04/01/09	04/03/09 02:27	1029

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April 10, 2009

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Project Location: Lot J
Project ID: 070-9

Sample ID: SB-3 0-1 | **Date/Time Sampled: 03/26/2009 16:05** | **PSS Sample ID: 9032703-009**
Matrix: SOIL | **Date/Time Received: 03/27/2009 09:15** | **% Solids: 90**

TCL Semivolatile Organic Compounds | Analytical Method: SW846 8270C | Preparation Method: SW846 3550

	Result	Units	Rep Limit	Flag	Dil	Prepared	Analyzed	Analyst
Acenaphthene	ND	ug/kg	1,800		10	03/30/09	04/01/09 15:08	1014
Acenaphthylene	ND	ug/kg	1,800		10	03/30/09	04/01/09 15:08	1014
Anthracene	ND	ug/kg	1,800		10	03/30/09	04/01/09 15:08	1014
Benzo(a)anthracene	ND	ug/kg	1,800		10	03/30/09	04/01/09 15:08	1014
Benzo(a)pyrene	**480**	ug/kg	260		10	03/30/09	04/01/09 15:08	1014
Benzo(b)fluoranthene	ND	ug/kg	1,800		10	03/30/09	04/01/09 15:08	1014
Benzo(g,h,i)perylene	ND	ug/kg	1,800		10	03/30/09	04/01/09 15:08	1014
Benzo(k)fluoranthene	ND	ug/kg	1,800		10	03/30/09	04/01/09 15:08	1014
bis(2-chloroethyl) ether	ND	ug/kg	1,800		10	03/30/09	04/01/09 15:08	1014
bis(2-chloroisopropyl) ether	ND	ug/kg	1,800		10	03/30/09	04/01/09 15:08	1014
bis(2-ethylhexyl) phthalate	ND	ug/kg	1,800		10	03/30/09	04/01/09 15:08	1014
Di-n-butyl phthalate	ND	ug/kg	3,700		10	03/30/09	04/01/09 15:08	1014
Carbazole	ND	ug/kg	1,800		10	03/30/09	04/01/09 15:08	1014
4-Chloroaniline	ND	ug/kg	3,700		10	03/30/09	04/01/09 15:08	1014
2-Chloronaphthalene	ND	ug/kg	1,800		10	03/30/09	04/01/09 15:08	1014
2-Chlorophenol	ND	ug/kg	1,800		10	03/30/09	04/01/09 15:08	1014
Chrysene	ND	ug/kg	1,800		10	03/30/09	04/01/09 15:08	1014
Dibenz(a,h)Anthracene	ND	ug/kg	260		10	03/30/09	04/01/09 15:08	1014
Dibenzofuran	ND	ug/kg	1,800		10	03/30/09	04/01/09 15:08	1014
1,2-Dichlorobenzene	ND	ug/kg	1,800		10	03/30/09	04/01/09 15:08	1014
1,3-Dichlorobenzene	ND	ug/kg	1,800		10	03/30/09	04/01/09 15:08	1014
1,4-Dichlorobenzene	ND	ug/kg	1,800		10	03/30/09	04/01/09 15:08	1014
3,3-Dichlorobenzidine	ND	ug/kg	1,800		10	03/30/09	04/01/09 15:08	1014
2,4-Dichlorophenol	ND	ug/kg	1,800		10	03/30/09	04/01/09 15:08	1014
Diethyl phthalate	ND	ug/kg	1,800		10	03/30/09	04/01/09 15:08	1014
2,4-Dimethylphenol	ND	ug/kg	1,800		10	03/30/09	04/01/09 15:08	1014
2,4-Dinitrophenol	ND	ug/kg	3,700		10	03/30/09	04/01/09 15:08	1014
2,4-Dinitrotoluene	ND	ug/kg	1,800		10	03/30/09	04/01/09 15:08	1014
2,6-Dinitrotoluene	ND	ug/kg	1,800		10	03/30/09	04/01/09 15:08	1014
Fluoranthene	ND	ug/kg	1,800		10	03/30/09	04/01/09 15:08	1014

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CERTIFICATE OF ANALYSIS

No: 9032703

Arc Environmental, Baltimore, MD

April 10, 2009

Project Name: 1411 Warner Street
Project Location: Lot J
Project ID: 070-9

Sample ID: SB-3 0-1 | **Date/Time Sampled: 03/26/2009 16:05** | **PSS Sample ID: 9032703-009**
Matrix: SOIL | **Date/Time Received: 03/27/2009 09:15** | **% Solids: 90**

TCL Semivolatile Organic Compounds | Analytical Method: SW846 8270C | Preparation Method: SW846 3550

	Result	Units	Rep Limit	Flag	Dil	Prepared	Analyzed	Analyst
Fluorene	ND	ug/kg	1,800		10	03/30/09	04/01/09 15:08	1014
Hexachlorobenzene	ND	ug/kg	1,800		10	03/30/09	04/01/09 15:08	1014
Hexachlorobutadiene	ND	ug/kg	1,800		10	03/30/09	04/01/09 15:08	1014
Hexachlorocyclopentadiene	ND	ug/kg	1,800		10	03/30/09	04/01/09 15:08	1014
Hexachloroethane	ND	ug/kg	1,800		10	03/30/09	04/01/09 15:08	1014
Indeno(1,2,3-c,d)Pyrene	ND	ug/kg	1,800		10	03/30/09	04/01/09 15:08	1014
Isophorone	ND	ug/kg	1,800		10	03/30/09	04/01/09 15:08	1014
2-Methylnaphthalene	ND	ug/kg	1,800		10	03/30/09	04/01/09 15:08	1014
2-Methyl phenol	ND	ug/kg	1,800		10	03/30/09	04/01/09 15:08	1014
3&4-Methylphenol	ND	ug/kg	1,800		10	03/30/09	04/01/09 15:08	1014
Naphthalene	ND	ug/kg	1,800		10	03/30/09	04/01/09 15:08	1014
Nitrobenzene	ND	ug/kg	1,800		10	03/30/09	04/01/09 15:08	1014
N-Nitrosodi-n-propyl amine	ND	ug/kg	740		10	03/30/09	04/01/09 15:08	1014
N-Nitrosodiphenylamine	ND	ug/kg	1,800		10	03/30/09	04/01/09 15:08	1014
Pentachlorophenol	ND	ug/kg	3,700		10	03/30/09	04/01/09 15:08	1014
Phenanthrene	ND	ug/kg	1,800		10	03/30/09	04/01/09 15:08	1014
Phenol	ND	ug/kg	1,800		10	03/30/09	04/01/09 15:08	1014
Pyrene	**1,300**	ug/kg	1,800	J	10	03/30/09	04/01/09 15:08	1014
Bis(2-ethylhexyl)adipate	ND	ug/kg	1,800		10	03/30/09	04/01/09 15:08	1014
1,2,4-Trichlorobenzene	ND	ug/kg	1,800		10	03/30/09	04/01/09 15:08	1014
2,4,6-Trichlorophenol	ND	ug/kg	1,800		10	03/30/09	04/01/09 15:08	1014
2,4,5-Trichlorophenol	ND	ug/kg	1,800		10	03/30/09	04/01/09 15:08	1014

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No: 9032703

Arc Environmental, Baltimore, MD

April 10, 2009

Project Name: 1411 Warner Street
Project Location: Lot J
Project ID: 070-9

Sample ID: SB-3 4-5 | **Date/Time Sampled: 03/26/2009 16:10** | **PSS Sample ID: 9032703-010**
Matrix: SOIL | **Date/Time Received: 03/27/2009 09:15** | **% Solids: 86**

PP MDE Metals — Analytical Method: SW846 6020A — Preparation Method: SW846 3050B

	Result	Units	Rep Limit	Flag	Dil	Prepared	Analyzed	Analyst
Antimony	**1.9**	mg/kg	2.7		1	03/31/09	04/02/09 17:22	1033
Arsenic	**33**	mg/kg	0.3		1	03/31/09	04/02/09 17:22	1033
Beryllium	ND	mg/kg	2.7		1	03/31/09	04/02/09 17:22	1033
Cadmium	ND	mg/kg	2.7		1	03/31/09	04/02/09 17:22	1033
Chromium	**54**	mg/kg	2.7		1	03/31/09	04/02/09 17:22	1033
Copper	**130**	mg/kg	2.7		1	03/31/09	04/02/09 17:22	1033
Lead	**250**	mg/kg	2.7		1	03/31/09	04/03/09 15:20	1033
Mercury	**0.82**	mg/kg	0.1		1	03/31/09	04/03/09 15:20	1033
Nickel	**34**	mg/kg	2.7		1	03/31/09	04/02/09 17:22	1033
Selenium	ND	mg/kg	2.7		1	03/31/09	04/02/09 17:22	1033
Silver	ND	mg/kg	2.7		1	03/31/09	04/02/09 17:22	1033
Thallium	ND	mg/kg	2.1		1	03/31/09	04/02/09 17:22	1033
Zinc	**170**	mg/kg	11		1	03/31/09	04/02/09 17:22	1033

Total Petroleum Hydrocarbons - DRO — Analytical Method: SW846 8015C — Preparation Method: SW846 3550

DF/HF - No. 2/diesel fuel and heavier fuel/oil patterns observed in sample.

	Result	Units	Rep Limit	Flag	Dil	Prepared	Analyzed	Analyst
TPH-DRO (Diesel Range Organics)	**150**	mg/kg	11	DF	1	03/30/09	03/30/09 17:20	1040

Total Petroleum Hydrocarbons-GRO — Analytical Method: SW846 8015C — Preparation Method: SW846 5030

	Result	Units	Rep Limit	Flag	Dil	Prepared	Analyzed	Analyst
TPH-GRO (Gasoline Range Organics)	**840**	ug/kg	120		1	03/27/09	03/27/09 19:09	1035

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CERTIFICATE OF ANALYSIS

No: 9032703
Arc Environmental, Baltimore, MD
April 10, 2009

Project Name: 1411 Warner Street
Project Location: Lot J
Project ID: 070-9

Sample ID: SB-3 4-5 | **Date/Time Sampled: 03/26/2009 16:10** | **PSS Sample ID: 9032703-010**
Matrix: SOIL | **Date/Time Received: 03/27/2009 09:15** | **% Solids: 86**

VCP Organochlorine Pesticides — Analytical Method: SW846 8081B — Preparation Method: SW846 3550

	Result	Units	Rep Limit	Flag	Dil	Prepared	Analyzed	Analyst
4,4-DDD	ND	ug/kg	23		1	03/31/09	04/01/09 20:01	1029
4,4-DDE	ND	ug/kg	23		1	03/31/09	04/01/09 20:01	1029
4,4-DDT	ND	ug/kg	23		1	03/31/09	04/01/09 20:01	1029
Aldrin	ND	ug/kg	23		1	03/31/09	04/01/09 20:01	1029
alpha-BHC	ND	ug/kg	23		1	03/31/09	04/01/09 20:01	1029
alpha-Chlordane	ND	ug/kg	23		1	03/31/09	04/01/09 20:01	1029
beta-BHC	ND	ug/kg	23		1	03/31/09	04/01/09 20:01	1029
delta-BHC	ND	ug/kg	23		1	03/31/09	04/01/09 20:01	1029
Dieldrin	ND	ug/kg	23		1	03/31/09	04/01/09 20:01	1029
Endosulfan I	ND	ug/kg	23		1	03/31/09	04/01/09 20:01	1029
Endosulfan II	ND	ug/kg	23		1	03/31/09	04/01/09 20:01	1029
Endosulfan sulfate	ND	ug/kg	23		1	03/31/09	04/01/09 20:01	1029
Endrin	ND	ug/kg	23		1	03/31/09	04/01/09 20:01	1029
Endrin aldehyde	ND	ug/kg	23		1	03/31/09	04/01/09 20:01	1029
Endrin ketone	ND	ug/kg	23		1	03/31/09	04/01/09 20:01	1029
gamma-BHC (Lindane)	ND	ug/kg	23		1	03/31/09	04/01/09 20:01	1029
gamma-Chlordane	ND	ug/kg	23		1	03/31/09	04/01/09 20:01	1029
Heptachlor	ND	ug/kg	23		1	03/31/09	04/01/09 20:01	1029
Heptachlor epoxide	ND	ug/kg	23		1	03/31/09	04/01/09 20:01	1029
Methoxychlor	ND	ug/kg	23		1	03/31/09	04/01/09 20:01	1029
Toxaphene	ND	ug/kg	230		1	03/31/09	04/01/09 20:01	1029

VCP Chlorinated Herbicides — Analytical Method: SW846 8151A

	Result	Units	Rep Limit	Flag	Dil	Prepared	Analyzed	Analyst
Dalapon	ND	ug/kg	570		1	04/01/09	04/03/09 03:00	1029
2,4-D	ND	ug/kg	230		1	04/01/09	04/03/09 03:00	1029
2,4,5-TP (Silvex)	ND	ug/kg	23		1	04/01/09	04/03/09 03:00	1029
Dinoseb	ND	ug/kg	110		1	04/01/09	04/03/09 03:00	1029

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Project Name: 1411 Warner Street
Project Location: Lot J
Project ID: 070-9

Sample ID: SB-3 4-5 | **Date/Time Sampled: 03/26/2009 16:10** | **PSS Sample ID: 9032703-010**
Matrix: SOIL | **Date/Time Received: 03/27/2009 09:15** | **% Solids: 86**

TCL Volatile Organic Compounds | Analytical Method: SW846 8260B | Preparation Method: SW846 5035A

	Result	Units	Rep Limit	Flag	Dil	Prepared	Analyzed	Analyst
Chloromethane	ND	ug/kg	6		1	03/27/09	03/27/09 19:19	1011
Vinyl Chloride	ND	ug/kg	6		1	03/27/09	03/27/09 19:19	1011
Bromomethane	ND	ug/kg	6		1	03/27/09	03/27/09 19:19	1011
Chloroethane	ND	ug/kg	6		1	03/27/09	03/27/09 19:19	1011
Acetone	ND	ug/kg	24		1	03/27/09	03/27/09 19:19	1011
1,1-Dichloroethene	ND	ug/kg	6		1	03/27/09	03/27/09 19:19	1011
Methylene Chloride	ND	ug/kg	6		1	03/27/09	03/27/09 19:19	1011
trans-1,2-Dichloroethene	ND	ug/kg	6		1	03/27/09	03/27/09 19:19	1011
Methyl-t-butyl ether	ND	ug/kg	6		1	03/27/09	03/27/09 19:19	1011
1,1-Dichloroethane	ND	ug/kg	6		1	03/27/09	03/27/09 19:19	1011
2-Butanone	ND	ug/kg	24		1	03/27/09	03/27/09 19:19	1011
cis-1,2-Dichloroethene	ND	ug/kg	6		1	03/27/09	03/27/09 19:19	1011
Chloroform	ND	ug/kg	6		1	03/27/09	03/27/09 19:19	1011
1,1,1-Trichloroethane	ND	ug/kg	6		1	03/27/09	03/27/09 19:19	1011
1,2-Dichloroethane	ND	ug/kg	6		1	03/27/09	03/27/09 19:19	1011
Carbon Tetrachloride	ND	ug/kg	6		1	03/27/09	03/27/09 19:19	1011
Benzene	ND	ug/kg	6		1	03/27/09	03/27/09 19:19	1011
1,2-Dichloropropane	ND	ug/kg	6		1	03/27/09	03/27/09 19:19	1011
Carbon Disulfide	ND	ug/kg	12		1	03/27/09	03/27/09 19:19	1011
Trichloroethene	ND	ug/kg	6		1	03/27/09	03/27/09 19:19	1011
Bromodichloromethane	ND	ug/kg	6		1	03/27/09	03/27/09 19:19	1011
cis-1,3-Dichloropropene	ND	ug/kg	6		1	03/27/09	03/27/09 19:19	1011
4-Methyl-2-Pentanone	ND	ug/kg	24		1	03/27/09	03/27/09 19:19	1011
trans-1,3-Dichloropropene	ND	ug/kg	6		1	03/27/09	03/27/09 19:19	1011
1,1,2-Trichloroethane	ND	ug/kg	6		1	03/27/09	03/27/09 19:19	1011
Toluene	ND	ug/kg	6		1	03/27/09	03/27/09 19:19	1011
1,2-Dibromoethane	ND	ug/kg	6		1	03/27/09	03/27/09 19:19	1011
Dibromochloromethane	ND	ug/kg	6		1	03/27/09	03/27/09 19:19	1011
Bromoform	ND	ug/kg	6		1	03/27/09	03/27/09 19:19	1011
Tetrachloroethene	ND	ug/kg	6		1	03/27/09	03/27/09 19:19	1011

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No: 9032703

Arc Environmental, Baltimore, MD

April 10, 2009

Project Name: 1411 Warner Street
Project Location: Lot J
Project ID: 070-9

Sample ID: SB-3 4-5 | **Date/Time Sampled: 03/26/2009 16:10** | **PSS Sample ID: 9032703-010**
Matrix: SOIL | **Date/Time Received: 03/27/2009 09:15** | **% Solids: 86**

TCL Volatile Organic Compounds | Analytical Method: SW846 8260B | Preparation Method: SW846 5035A

	Result	Units	Rep Limit	Flag	Dil	Prepared	Analyzed	Analyst
Chlorobenzene	ND	ug/kg	6		1	03/27/09	03/27/09 19:19	1011
Ethylbenzene	ND	ug/kg	6		1	03/27/09	03/27/09 19:19	1011
m,p-Xylenes	ND	ug/kg	12		1	03/27/09	03/27/09 19:19	1011
Styrene	ND	ug/kg	6		1	03/27/09	03/27/09 19:19	1011
1,1,2,2-Tetrachloroethane	ND	ug/kg	6		1	03/27/09	03/27/09 19:19	1011
o-Xylene	ND	ug/kg	6		1	03/27/09	03/27/09 19:19	1011
Isopropylbenzene	ND	ug/kg	6		1	03/27/09	03/27/09 19:19	1011
n-Propylbenzene	ND	ug/kg	6		1	03/27/09	03/27/09 19:19	1011
1,3,5-Trimethylbenzene	ND	ug/kg	6		1	03/27/09	03/27/09 19:19	1011
1,2,4-Trimethylbenzene	ND	ug/kg	6		1	03/27/09	03/27/09 19:19	1011
n-Butylbenzene	ND	ug/kg	6		1	03/27/09	03/27/09 19:19	1011
1,2-Dibromo-3-Chloropropane	ND	ug/kg	49		1	03/27/09	03/27/09 19:19	1011

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PHASE SEPARATION SCIENCE, INC.

CERTIFICATE OF ANALYSIS

No: 9032703

Arc Environmental, Baltimore, MD

April 10, 2009

Project Name: 1411 Warner Street
Project Location: Lot J
Project ID: 070-9

Sample ID: SB-3 4-5 | **Date/Time Sampled: 03/26/2009 16:10** | **PSS Sample ID: 9032703-010**
Matrix: SOIL | **Date/Time Received: 03/27/2009 09:15** | **% Solids: 86**

TCL Semivolatile Organic Compounds | Analytical Method: SW846 8270C | Preparation Method: SW846 3550

	Result	Units	Rep Limit	Flag	Dil	Prepared	Analyzed	Analyst
Acenaphthene	**98**	ug/kg	190	J	1	03/30/09	03/30/09 18:26	1014
Acenaphthylene	ND	ug/kg	190		1	03/30/09	03/30/09 18:26	1014
Anthracene	ND	ug/kg	190		1	03/30/09	03/30/09 18:26	1014
Benzo(a)anthracene	**210**	ug/kg	190		1	03/30/09	03/30/09 18:26	1014
Benzo(a)pyrene	**220**	ug/kg	27		1	03/30/09	03/30/09 18:26	1014
Benzo(b)fluoranthene	**250**	ug/kg	190		1	03/30/09	03/30/09 18:26	1014
Benzo(g,h,i)perylene	**180**	ug/kg	190	J	1	03/30/09	03/30/09 18:26	1014
Benzo(k)fluoranthene	**200**	ug/kg	190		1	03/30/09	03/30/09 18:26	1014
bis(2-chloroethyl) ether	ND	ug/kg	190		1	03/30/09	03/30/09 18:26	1014
bis(2-chloroisopropyl) ether	ND	ug/kg	190		1	03/30/09	03/30/09 18:26	1014
bis(2-ethylhexyl) phthalate	ND	ug/kg	190		1	03/30/09	03/30/09 18:26	1014
Di-n-butyl phthalate	ND	ug/kg	380		1	03/30/09	03/30/09 18:26	1014
Carbazole	ND	ug/kg	190		1	03/30/09	03/30/09 18:26	1014
4-Chloroaniline	ND	ug/kg	380		1	03/30/09	03/30/09 18:26	1014
2-Chloronaphthalene	ND	ug/kg	190		1	03/30/09	03/30/09 18:26	1014
2-Chlorophenol	ND	ug/kg	190		1	03/30/09	03/30/09 18:26	1014
Chrysene	**230**	ug/kg	190		1	03/30/09	03/30/09 18:26	1014
Dibenz(a,h)Anthracene	**55**	ug/kg	27		1	03/30/09	03/30/09 18:26	1014
Dibenzofuran	ND	ug/kg	190		1	03/30/09	03/30/09 18:26	1014
1,2-Dichlorobenzene	ND	ug/kg	190		1	03/30/09	03/30/09 18:26	1014
1,3-Dichlorobenzene	ND	ug/kg	190		1	03/30/09	03/30/09 18:26	1014
1,4-Dichlorobenzene	ND	ug/kg	190		1	03/30/09	03/30/09 18:26	1014
3,3-Dichlorobenzidine	ND	ug/kg	190		1	03/30/09	03/30/09 18:26	1014
2,4-Dichlorophenol	ND	ug/kg	190		1	03/30/09	03/30/09 18:26	1014
Diethyl phthalate	ND	ug/kg	190		1	03/30/09	03/30/09 18:26	1014
2,4-Dimethylphenol	ND	ug/kg	190		1	03/30/09	03/30/09 18:26	1014
2,4-Dinitrophenol	ND	ug/kg	380		1	03/30/09	03/30/09 18:26	1014
2,4-Dinitrotoluene	ND	ug/kg	190		1	03/30/09	03/30/09 18:26	1014
2,6-Dinitrotoluene	ND	ug/kg	190		1	03/30/09	03/30/09 18:26	1014
Fluoranthene	**310**	ug/kg	190		1	03/30/09	03/30/09 18:26	1014

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PHASE SEPARATION SCIENCE, INC.

CERTIFICATE OF ANALYSIS

No: 9032703

Arc Environmental, Baltimore, MD

April 10, 2009

Project Name: 1411 Warner Street
Project Location: Lot J
Project ID: 070-9

Sample ID: SB-3 4-5 | **Date/Time Sampled: 03/26/2009 16:10** | **PSS Sample ID: 9032703-010**
Matrix: SOIL | **Date/Time Received: 03/27/2009 09:15** | **% Solids: 86**

TCL Semivolatile Organic Compounds | Analytical Method: SW846 8270C | Preparation Method: SW846 3550

	Result	Units	Rep Limit	Flag	Dil	Prepared	Analyzed	Analyst
Fluorene	**110**	ug/kg	190	J	1	03/30/09	03/30/09 18:26	1014
Hexachlorobenzene	ND	ug/kg	190		1	03/30/09	03/30/09 18:26	1014
Hexachlorobutadiene	ND	ug/kg	190		1	03/30/09	03/30/09 18:26	1014
Hexachlorocyclopentadiene	ND	ug/kg	190		1	03/30/09	03/30/09 18:26	1014
Hexachloroethane	ND	ug/kg	190		1	03/30/09	03/30/09 18:26	1014
Indeno(1,2,3-c,d)Pyrene	**160**	ug/kg	190	J	1	03/30/09	03/30/09 18:26	1014
Isophorone	ND	ug/kg	190		1	03/30/09	03/30/09 18:26	1014
2-Methylnaphthalene	**100**	ug/kg	190	J	1	03/30/09	03/30/09 18:26	1014
2-Methyl phenol	ND	ug/kg	190		1	03/30/09	03/30/09 18:26	1014
3&4-Methylphenol	ND	ug/kg	190		1	03/30/09	03/30/09 18:26	1014
Naphthalene	ND	ug/kg	190		1	03/30/09	03/30/09 18:26	1014
Nitrobenzene	ND	ug/kg	190		1	03/30/09	03/30/09 18:26	1014
N-Nitrosodi-n-propyl amine	ND	ug/kg	77		1	03/30/09	03/30/09 18:26	1014
N-Nitrosodiphenylamine	ND	ug/kg	190		1	03/30/09	03/30/09 18:26	1014
Pentachlorophenol	ND	ug/kg	380		1	03/30/09	03/30/09 18:26	1014
Phenanthrene	**380**	ug/kg	190		1	03/30/09	03/30/09 18:26	1014
Phenol	ND	ug/kg	190		1	03/30/09	03/30/09 18:26	1014
Pyrene	**780**	ug/kg	190		1	03/30/09	03/30/09 18:26	1014
Bis(2-ethylhexyl)adipate	ND	ug/kg	190		1	03/30/09	03/30/09 18:26	1014
1,2,4-Trichlorobenzene	ND	ug/kg	190		1	03/30/09	03/30/09 18:26	1014
2,4,6-Trichlorophenol	ND	ug/kg	190		1	03/30/09	03/30/09 18:26	1014
2,4,5-Trichlorophenol	ND	ug/kg	190		1	03/30/09	03/30/09 18:26	1014

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CERTIFICATE OF ANALYSIS

No: 9032703

Arc Environmental, Baltimore, MD

April 10, 2009

Project Name: 1411 Warner Street
Project Location: Lot J
Project ID: 070-9

Sample ID: SB-2 0-1 | **Date/Time Sampled: 03/26/2009 17:10** | **PSS Sample ID: 9032703-011**
Matrix: SOIL | **Date/Time Received: 03/27/2009 09:15** | **% Solids: 86**

PP MDE Metals | Analytical Method: SW846 6020A | Preparation Method: SW846 3050B

	Result	Units	Rep Limit	Flag	Dil	Prepared	Analyzed	Analyst
Antimony	ND	mg/kg	2.6		1	03/31/09	04/02/09 17:29	1033
Arsenic	**3.3**	mg/kg	0.3		1	03/31/09	04/02/09 17:29	1033
Beryllium	ND	mg/kg	2.6		1	03/31/09	04/02/09 17:29	1033
Cadmium	ND	mg/kg	2.6		1	03/31/09	04/02/09 17:29	1033
Chromium	**100**	mg/kg	2.6		1	03/31/09	04/02/09 17:29	1033
Copper	**28**	mg/kg	2.6		1	03/31/09	04/02/09 17:29	1033
Lead	**79**	mg/kg	2.6		1	03/31/09	04/03/09 15:26	1033
Mercury	**0.16**	mg/kg	0.1		1	03/31/09	04/03/09 15:26	1033
Nickel	**19**	mg/kg	2.6		1	03/31/09	04/02/09 17:29	1033
Selenium	ND	mg/kg	2.6		1	03/31/09	04/02/09 17:29	1033
Silver	ND	mg/kg	2.6		1	03/31/09	04/02/09 17:29	1033
Thallium	ND	mg/kg	2.1		1	03/31/09	04/02/09 17:29	1033
Zinc	**69**	mg/kg	10		1	03/31/09	04/02/09 17:29	1033

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Sample ID: SB-2 0-1 | **Date/Time Sampled: 03/26/2009 17:10** | **PSS Sample ID: 9032703-011**
Matrix: SOIL | **Date/Time Received: 03/27/2009 09:15** | **% Solids: 86**

VCP Organochlorine Pesticides | Analytical Method: SW846 8081B | Preparation Method: SW846 3550

	Result	Units	Rep Limit	Flag	Dil	Prepared	Analyzed	Analyst
4,4-DDD	ND	ug/kg	23		1	03/31/09	04/01/09 21:26	1029
4,4-DDE	ND	ug/kg	23		1	03/31/09	04/01/09 21:26	1029
4,4-DDT	ND	ug/kg	23		1	03/31/09	04/01/09 21:26	1029
Aldrin	ND	ug/kg	23		1	03/31/09	04/01/09 21:26	1029
alpha-BHC	ND	ug/kg	23		1	03/31/09	04/01/09 21:26	1029
alpha-Chlordane	**29**	ug/kg	23		1	03/31/09	04/01/09 21:26	1029
beta-BHC	ND	ug/kg	23		1	03/31/09	04/01/09 21:26	1029
delta-BHC	ND	ug/kg	23		1	03/31/09	04/01/09 21:26	1029
Dieldrin	ND	ug/kg	23		1	03/31/09	04/01/09 21:26	1029
Endosulfan I	ND	ug/kg	23		1	03/31/09	04/01/09 21:26	1029
Endosulfan II	ND	ug/kg	23		1	03/31/09	04/01/09 21:26	1029
Endosulfan sulfate	ND	ug/kg	23		1	03/31/09	04/01/09 21:26	1029
Endrin	ND	ug/kg	23		1	03/31/09	04/01/09 21:26	1029
Endrin aldehyde	ND	ug/kg	23		1	03/31/09	04/01/09 21:26	1029
Endrin ketone	ND	ug/kg	23		1	03/31/09	04/01/09 21:26	1029
gamma-BHC (Lindane)	ND	ug/kg	23		1	03/31/09	04/01/09 21:26	1029
gamma-Chlordane	**21**	ug/kg	23	J	1	03/31/09	04/01/09 21:26	1029
Heptachlor	ND	ug/kg	23		1	03/31/09	04/01/09 21:26	1029
Heptachlor epoxide	ND	ug/kg	23		1	03/31/09	04/01/09 21:26	1029
Methoxychlor	ND	ug/kg	23		1	03/31/09	04/01/09 21:26	1029
Toxaphene	ND	ug/kg	230		1	03/31/09	04/01/09 21:26	1029

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CERTIFICATE OF ANALYSIS

No: 9032703

Arc Environmental, Baltimore, MD

April 10, 2009

Project Name: 1411 Warner Street
Project Location: Lot J
Project ID: 070-9

Sample ID: SB-2 0-1 | **Date/Time Sampled: 03/26/2009 17:10** | **PSS Sample ID: 9032703-011**
Matrix: SOIL | **Date/Time Received: 03/27/2009 09:15** | **% Solids: 86**

Polychlorinated Biphenyls

Analytical Method: SW846 8082A
Preparation Method: SW846 3550
Clean up Method: SW846 3665A

	Result	Units	Rep Limit	Flag	Dil	Prepared	Analyzed	Analyst
PCB-1016	ND	mg/kg	0.1		1	03/30/09	03/31/09 13:07	1029
PCB-1221	ND	mg/kg	0.1		1	03/30/09	03/31/09 13:07	1029
PCB-1232	ND	mg/kg	0.1		1	03/30/09	03/31/09 13:07	1029
PCB-1242	ND	mg/kg	0.1		1	03/30/09	03/31/09 13:07	1029
PCB-1248	ND	mg/kg	0.1		1	03/30/09	03/31/09 13:07	1029
PCB-1254	ND	mg/kg	0.1		1	03/30/09	03/31/09 13:07	1029
PCB-1260	**0.3**	mg/kg	0.1		1	03/30/09	03/31/09 13:07	1029

VCP Chlorinated Herbicides

Analytical Method: SW846 8151A

	Result	Units	Rep Limit	Flag	Dil	Prepared	Analyzed	Analyst
Dalapon	ND	ug/kg	580		1	04/01/09	04/03/09 03:33	1029
2,4-D	ND	ug/kg	230		1	04/01/09	04/03/09 03:33	1029
2,4,5-TP (Silvex)	ND	ug/kg	23		1	04/01/09	04/03/09 03:33	1029
Dinoseb	ND	ug/kg	120		1	04/01/09	04/03/09 03:33	1029

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April 10, 2009

Project Name: 1411 Warner Street
Project Location: Lot J
Project ID: 070-9

Sample ID: SB-2 0-1 | **Date/Time Sampled: 03/26/2009 17:10** | **PSS Sample ID: 9032703-011**
Matrix: SOIL | **Date/Time Received: 03/27/2009 09:15** | **% Solids: 86**

TCL Semivolatile Organic Compounds | Analytical Method: SW846 8270C | Preparation Method: SW846 3550

	Result	Units	Rep Limit	Flag	Dil	Prepared	Analyzed	Analyst
Acenaphthene	ND	ug/kg	190		1	03/30/09	03/30/09 20:20	1014
Acenaphthylene	ND	ug/kg	190		1	03/30/09	03/30/09 20:20	1014
Anthracene	ND	ug/kg	190		1	03/30/09	03/30/09 20:20	1014
Benzo(a)anthracene	**190**	ug/kg	190		1	03/30/09	03/30/09 20:20	1014
Benzo(a)pyrene	**190**	ug/kg	27		1	03/30/09	03/30/09 20:20	1014
Benzo(b)fluoranthene	**200**	ug/kg	190		1	03/30/09	03/30/09 20:20	1014
Benzo(g,h,i)perylene	**170**	ug/kg	190	J	1	03/30/09	03/30/09 20:20	1014
Benzo(k)fluoranthene	**180**	ug/kg	190	J	1	03/30/09	03/30/09 20:20	1014
bis(2-chloroethyl) ether	ND	ug/kg	190		1	03/30/09	03/30/09 20:20	1014
bis(2-chloroisopropyl) ether	ND	ug/kg	190		1	03/30/09	03/30/09 20:20	1014
bis(2-ethylhexyl) phthalate	**160**	ug/kg	190	J	1	03/30/09	03/30/09 20:20	1014
Di-n-butyl phthalate	ND	ug/kg	380		1	03/30/09	03/30/09 20:20	1014
Carbazole	ND	ug/kg	190		1	03/30/09	03/30/09 20:20	1014
4-Chloroaniline	ND	ug/kg	380		1	03/30/09	03/30/09 20:20	1014
2-Chloronaphthalene	ND	ug/kg	190		1	03/30/09	03/30/09 20:20	1014
2-Chlorophenol	ND	ug/kg	190		1	03/30/09	03/30/09 20:20	1014
Chrysene	**220**	ug/kg	190		1	03/30/09	03/30/09 20:20	1014
Dibenz(a,h)Anthracene	**61**	ug/kg	27		1	03/30/09	03/30/09 20:20	1014
Dibenzofuran	ND	ug/kg	190		1	03/30/09	03/30/09 20:20	1014
1,2-Dichlorobenzene	ND	ug/kg	190		1	03/30/09	03/30/09 20:20	1014
1,3-Dichlorobenzene	ND	ug/kg	190		1	03/30/09	03/30/09 20:20	1014
1,4-Dichlorobenzene	ND	ug/kg	190		1	03/30/09	03/30/09 20:20	1014
3,3-Dichlorobenzidine	ND	ug/kg	190		1	03/30/09	03/30/09 20:20	1014
2,4-Dichlorophenol	ND	ug/kg	190		1	03/30/09	03/30/09 20:20	1014
Diethyl phthalate	ND	ug/kg	190		1	03/30/09	03/30/09 20:20	1014
2,4-Dimethylphenol	ND	ug/kg	190		1	03/30/09	03/30/09 20:20	1014
2,4-Dinitrophenol	ND	ug/kg	380		1	03/30/09	03/30/09 20:20	1014
2,4-Dinitrotoluene	ND	ug/kg	190		1	03/30/09	03/30/09 20:20	1014
2,6-Dinitrotoluene	ND	ug/kg	190		1	03/30/09	03/30/09 20:20	1014
Fluoranthene	**160**	ug/kg	190	J	1	03/30/09	03/30/09 20:20	1014

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CERTIFICATE OF ANALYSIS

No: 9032703

Arc Environmental, Baltimore, MD

April 10, 2009

Project Name: 1411 Warner Street
Project Location: Lot J
Project ID: 070-9

Sample ID: SB-2 0-1 | **Date/Time Sampled: 03/26/2009 17:10** | **PSS Sample ID: 9032703-011**
Matrix: SOIL | **Date/Time Received: 03/27/2009 09:15** | **% Solids: 86**

TCL Semivolatile Organic Compounds | Analytical Method: SW846 8270C | Preparation Method: SW846 3550

	Result	Units	Rep Limit	Flag	Dil	Prepared	Analyzed	Analyst
Fluorene	ND	ug/kg	190		1	03/30/09	03/30/09 20:20	1014
Hexachlorobenzene	ND	ug/kg	190		1	03/30/09	03/30/09 20:20	1014
Hexachlorobutadiene	ND	ug/kg	190		1	03/30/09	03/30/09 20:20	1014
Hexachlorocyclopentadiene	ND	ug/kg	190		1	03/30/09	03/30/09 20:20	1014
Hexachloroethane	ND	ug/kg	190		1	03/30/09	03/30/09 20:20	1014
Indeno(1,2,3-c,d)Pyrene	**130**	ug/kg	190	J	1	03/30/09	03/30/09 20:20	1014
Isophorone	ND	ug/kg	190		1	03/30/09	03/30/09 20:20	1014
2-Methylnaphthalene	ND	ug/kg	190		1	03/30/09	03/30/09 20:20	1014
2-Methyl phenol	ND	ug/kg	190		1	03/30/09	03/30/09 20:20	1014
3&4-Methylphenol	ND	ug/kg	190		1	03/30/09	03/30/09 20:20	1014
Naphthalene	ND	ug/kg	190		1	03/30/09	03/30/09 20:20	1014
Nitrobenzene	ND	ug/kg	190		1	03/30/09	03/30/09 20:20	1014
N-Nitrosodi-n-propyl amine	ND	ug/kg	77		1	03/30/09	03/30/09 20:20	1014
N-Nitrosodiphenylamine	ND	ug/kg	190		1	03/30/09	03/30/09 20:20	1014
Pentachlorophenol	ND	ug/kg	380		1	03/30/09	03/30/09 20:20	1014
Phenanthrene	**220**	ug/kg	190		1	03/30/09	03/30/09 20:20	1014
Phenol	ND	ug/kg	190		1	03/30/09	03/30/09 20:20	1014
Pyrene	**660**	ug/kg	190		1	03/30/09	03/30/09 20:20	1014
Bis(2-ethylhexyl)adipate	ND	ug/kg	190		1	03/30/09	03/30/09 20:20	1014
1,2,4-Trichlorobenzene	ND	ug/kg	190		1	03/30/09	03/30/09 20:20	1014
2,4,6-Trichlorophenol	ND	ug/kg	190		1	03/30/09	03/30/09 20:20	1014
2,4,5-Trichlorophenol	ND	ug/kg	190		1	03/30/09	03/30/09 20:20	1014

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CERTIFICATE OF ANALYSIS

No: 9032703

Arc Environmental, Baltimore, MD

April 10, 2009

Project Name: 1411 Warner Street
Project Location: Lot J
Project ID: 070-9

Sample ID: SB-2 4-5 | **Date/Time Sampled: 03/26/2009 17:15** | **PSS Sample ID: 9032703-012**
Matrix: SOIL | **Date/Time Received: 03/27/2009 09:15** | **% Solids: 93**

PP MDE Metals — Analytical Method: SW846 6020A — Preparation Method: SW846 3050B

	Result	Units	Rep Limit	Flag	Dil	Prepared	Analyzed	Analyst
Antimony	ND	mg/kg	2.4		1	03/31/09	04/02/09 17:35	1033
Arsenic	**4.9**	mg/kg	0.2		1	03/31/09	04/02/09 17:35	1033
Beryllium	ND	mg/kg	2.4		1	03/31/09	04/02/09 17:35	1033
Cadmium	ND	mg/kg	2.4		1	03/31/09	04/02/09 17:35	1033
Chromium	**49**	mg/kg	2.4		1	03/31/09	04/02/09 17:35	1033
Copper	**35**	mg/kg	2.4		1	03/31/09	04/02/09 17:35	1033
Lead	**120**	mg/kg	2.4		1	03/31/09	04/03/09 15:32	1033
Mercury	**0.43**	mg/kg	0.1		1	03/31/09	04/03/09 15:32	1033
Nickel	**20**	mg/kg	2.4		1	03/31/09	04/02/09 17:35	1033
Selenium	ND	mg/kg	2.4		1	03/31/09	04/02/09 17:35	1033
Silver	ND	mg/kg	2.4		1	03/31/09	04/02/09 17:35	1033
Thallium	ND	mg/kg	1.9		1	03/31/09	04/02/09 17:35	1033
Zinc	**64**	mg/kg	9.6		1	03/31/09	04/02/09 17:35	1033

Total Petroleum Hydrocarbons - DRO — Analytical Method: SW846 8015C — Preparation Method: SW846 3550

HF - Heavier fuel/oil pattern observed in sample.

	Result	Units	Rep Limit	Flag	Dil	Prepared	Analyzed	Analyst
TPH-DRO (Diesel Range Organics)	**19**	mg/kg	11	HF	1	03/30/09	03/30/09 17:42	1040

Total Petroleum Hydrocarbons-GRO — Analytical Method: SW846 8015C — Preparation Method: SW846 5030

	Result	Units	Rep Limit	Flag	Dil	Prepared	Analyzed	Analyst
TPH-GRO (Gasoline Range Organics)	ND	ug/kg	110		1	03/27/09	03/28/09 01:23	1035

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PHASE SEPARATION SCIENCE, INC.

CERTIFICATE OF ANALYSIS

No: 9032703
Arc Environmental, Baltimore, MD
April 10, 2009

Project Name: 1411 Warner Street
Project Location: Lot J
Project ID: 070-9

Sample ID: SB-2 4-5 | **Date/Time Sampled: 03/26/2009 17:15** | **PSS Sample ID: 9032703-012**
Matrix: SOIL | **Date/Time Received: 03/27/2009 09:15** | **% Solids: 93**

VCP Organochlorine Pesticides — Analytical Method: SW846 8081B — Preparation Method: SW846 3550

	Result	Units	Rep Limit	Flag	Dil	Prepared	Analyzed	Analyst
4,4-DDD	ND	ug/kg	21		1	03/31/09	04/01/09 16:46	1029
4,4-DDE	ND	ug/kg	21		1	03/31/09	04/01/09 16:46	1029
4,4-DDT	ND	ug/kg	21		1	03/31/09	04/01/09 16:46	1029
Aldrin	ND	ug/kg	21		1	03/31/09	04/01/09 16:46	1029
alpha-BHC	ND	ug/kg	21		1	03/31/09	04/01/09 16:46	1029
alpha-Chlordane	ND	ug/kg	21		1	03/31/09	04/01/09 16:46	1029
beta-BHC	ND	ug/kg	21		1	03/31/09	04/01/09 16:46	1029
delta-BHC	ND	ug/kg	21		1	03/31/09	04/01/09 16:46	1029
Dieldrin	ND	ug/kg	21		1	03/31/09	04/01/09 16:46	1029
Endosulfan I	ND	ug/kg	21		1	03/31/09	04/01/09 16:46	1029
Endosulfan II	ND	ug/kg	21		1	03/31/09	04/01/09 16:46	1029
Endosulfan sulfate	ND	ug/kg	21		1	03/31/09	04/01/09 16:46	1029
Endrin	ND	ug/kg	21		1	03/31/09	04/01/09 16:46	1029
Endrin aldehyde	ND	ug/kg	21		1	03/31/09	04/01/09 16:46	1029
Endrin ketone	ND	ug/kg	21		1	03/31/09	04/01/09 16:46	1029
gamma-BHC (Lindane)	ND	ug/kg	21		1	03/31/09	04/01/09 16:46	1029
gamma-Chlordane	ND	ug/kg	21		1	03/31/09	04/01/09 16:46	1029
Heptachlor	ND	ug/kg	21		1	03/31/09	04/01/09 16:46	1029
Heptachlor epoxide	ND	ug/kg	21		1	03/31/09	04/01/09 16:46	1029
Methoxychlor	ND	ug/kg	21		1	03/31/09	04/01/09 16:46	1029
Toxaphene	ND	ug/kg	210		1	03/31/09	04/01/09 16:46	1029

VCP Chlorinated Herbicides — Analytical Method: SW846 8151A

	Result	Units	Rep Limit	Flag	Dil	Prepared	Analyzed	Analyst
Dalapon	ND	ug/kg	540		1	04/01/09	04/02/09 18:36	1029
2,4-D	ND	ug/kg	220		1	04/01/09	04/02/09 18:36	1029
2,4,5-TP (Silvex)	ND	ug/kg	22		1	04/01/09	04/02/09 18:36	1029
Dinoseb	ND	ug/kg	110		1	04/01/09	04/02/09 18:36	1029

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No: 9032703
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April 10, 2009

Project Name: 1411 Warner Street
Project Location: Lot J
Project ID: 070-9

Sample ID: SB-2 4-5 | **Date/Time Sampled: 03/26/2009 17:15** | **PSS Sample ID: 9032703-012**
Matrix: SOIL | **Date/Time Received: 03/27/2009 09:15** | **% Solids: 93**

TCL Volatile Organic Compounds | Analytical Method: SW846 8260B | Preparation Method: SW846 5035A

	Result	Units	Rep Limit	Flag	Dil	Prepared	Analyzed	Analyst
Chloromethane	ND	ug/kg	6		1	03/27/09	03/27/09 17:52	1011
Vinyl Chloride	ND	ug/kg	6		1	03/27/09	03/27/09 17:52	1011
Bromomethane	ND	ug/kg	6		1	03/27/09	03/27/09 17:52	1011
Chloroethane	ND	ug/kg	6		1	03/27/09	03/27/09 17:52	1011
Acetone	ND	ug/kg	24		1	03/27/09	03/27/09 17:52	1011
1,1-Dichloroethene	ND	ug/kg	6		1	03/27/09	03/27/09 17:52	1011
Methylene Chloride	ND	ug/kg	6		1	03/27/09	03/27/09 17:52	1011
trans-1,2-Dichloroethene	ND	ug/kg	6		1	03/27/09	03/27/09 17:52	1011
Methyl-t-butyl ether	ND	ug/kg	6		1	03/27/09	03/27/09 17:52	1011
1,1-Dichloroethane	ND	ug/kg	6		1	03/27/09	03/27/09 17:52	1011
2-Butanone	ND	ug/kg	24		1	03/27/09	03/27/09 17:52	1011
cis-1,2-Dichloroethene	ND	ug/kg	6		1	03/27/09	03/27/09 17:52	1011
Chloroform	ND	ug/kg	6		1	03/27/09	03/27/09 17:52	1011
1,1,1-Trichloroethane	ND	ug/kg	6		1	03/27/09	03/27/09 17:52	1011
1,2-Dichloroethane	ND	ug/kg	6		1	03/27/09	03/27/09 17:52	1011
Carbon Tetrachloride	ND	ug/kg	6		1	03/27/09	03/27/09 17:52	1011
Benzene	ND	ug/kg	6		1	03/27/09	03/27/09 17:52	1011
1,2-Dichloropropane	ND	ug/kg	6		1	03/27/09	03/27/09 17:52	1011
Carbon Disulfide	ND	ug/kg	12		1	03/27/09	03/27/09 17:52	1011
Trichloroethene	ND	ug/kg	6		1	03/27/09	03/27/09 17:52	1011
Bromodichloromethane	ND	ug/kg	6		1	03/27/09	03/27/09 17:52	1011
cis-1,3-Dichloropropene	ND	ug/kg	6		1	03/27/09	03/27/09 17:52	1011
4-Methyl-2-Pentanone	ND	ug/kg	24		1	03/27/09	03/27/09 17:52	1011
trans-1,3-Dichloropropene	ND	ug/kg	6		1	03/27/09	03/27/09 17:52	1011
1,1,2-Trichloroethane	ND	ug/kg	6		1	03/27/09	03/27/09 17:52	1011
Toluene	ND	ug/kg	6		1	03/27/09	03/27/09 17:52	1011
1,2-Dibromoethane	ND	ug/kg	6		1	03/27/09	03/27/09 17:52	1011
Dibromochloromethane	ND	ug/kg	6		1	03/27/09	03/27/09 17:52	1011
Bromoform	ND	ug/kg	6		1	03/27/09	03/27/09 17:52	1011
Tetrachloroethene	ND	ug/kg	6		1	03/27/09	03/27/09 17:52	1011

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CERTIFICATE OF ANALYSIS

No: 9032703

Arc Environmental, Baltimore, MD

April 10, 2009

Project Name: 1411 Warner Street
Project Location: Lot J
Project ID: 070-9

Sample ID: SB-2 4-5 | **Date/Time Sampled: 03/26/2009 17:15** | **PSS Sample ID: 9032703-012**
Matrix: SOIL | **Date/Time Received: 03/27/2009 09:15** | **% Solids: 93**

TCL Volatile Organic Compounds | Analytical Method: SW846 8260B | Preparation Method: SW846 5035A

	Result	Units	Rep Limit	Flag	Dil	Prepared	Analyzed	Analyst
Chlorobenzene	ND	ug/kg	6		1	03/27/09	03/27/09 17:52	1011
Ethylbenzene	ND	ug/kg	6		1	03/27/09	03/27/09 17:52	1011
m,p-Xylenes	ND	ug/kg	12		1	03/27/09	03/27/09 17:52	1011
Styrene	ND	ug/kg	6		1	03/27/09	03/27/09 17:52	1011
1,1,2,2-Tetrachloroethane	ND	ug/kg	6		1	03/27/09	03/27/09 17:52	1011
o-Xylene	ND	ug/kg	6		1	03/27/09	03/27/09 17:52	1011
Isopropylbenzene	ND	ug/kg	6		1	03/27/09	03/27/09 17:52	1011
n-Propylbenzene	ND	ug/kg	6		1	03/27/09	03/27/09 17:52	1011
1,3,5-Trimethylbenzene	ND	ug/kg	6		1	03/27/09	03/27/09 17:52	1011
1,2,4-Trimethylbenzene	ND	ug/kg	6		1	03/27/09	03/27/09 17:52	1011
n-Butylbenzene	ND	ug/kg	6		1	03/27/09	03/27/09 17:52	1011
1,2-Dibromo-3-Chloropropane	ND	ug/kg	48		1	03/27/09	03/27/09 17:52	1011

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April 10, 2009

Project Name: 1411 Warner Street
Project Location: Lot J
Project ID: 070-9

Sample ID: SB-2 4-5 | **Date/Time Sampled: 03/26/2009 17:15** | **PSS Sample ID: 9032703-012**
Matrix: SOIL | **Date/Time Received: 03/27/2009 09:15** | **% Solids: 93**

TCL Semivolatile Organic Compounds | Analytical Method: SW846 8270C | Preparation Method: SW846 3550

	Result	Units	Rep Limit	Flag	Dil	Prepared	Analyzed	Analyst
Acenaphthene	ND	ug/kg	180		1	03/30/09	03/30/09 17:29	1014
Acenaphthylene	ND	ug/kg	180		1	03/30/09	03/30/09 17:29	1014
Anthracene	ND	ug/kg	180		1	03/30/09	03/30/09 17:29	1014
Benzo(a)anthracene	ND	ug/kg	180		1	03/30/09	03/30/09 17:29	1014
Benzo(a)pyrene	**48**	ug/kg	25		1	03/30/09	03/30/09 17:29	1014
Benzo(b)fluoranthene	ND	ug/kg	180		1	03/30/09	03/30/09 17:29	1014
Benzo(g,h,i)perylene	ND	ug/kg	180		1	03/30/09	03/30/09 17:29	1014
Benzo(k)fluoranthene	ND	ug/kg	180		1	03/30/09	03/30/09 17:29	1014
bis(2-chloroethyl) ether	ND	ug/kg	180		1	03/30/09	03/30/09 17:29	1014
bis(2-chloroisopropyl) ether	ND	ug/kg	180		1	03/30/09	03/30/09 17:29	1014
bis(2-ethylhexyl) phthalate	ND	ug/kg	180		1	03/30/09	03/30/09 17:29	1014
Di-n-butyl phthalate	ND	ug/kg	360		1	03/30/09	03/30/09 17:29	1014
Carbazole	ND	ug/kg	180		1	03/30/09	03/30/09 17:29	1014
4-Chloroaniline	ND	ug/kg	360		1	03/30/09	03/30/09 17:29	1014
2-Chloronaphthalene	ND	ug/kg	180		1	03/30/09	03/30/09 17:29	1014
2-Chlorophenol	ND	ug/kg	180		1	03/30/09	03/30/09 17:29	1014
Chrysene	ND	ug/kg	180		1	03/30/09	03/30/09 17:29	1014
Dibenz(a,h)Anthracene	ND	ug/kg	25		1	03/30/09	03/30/09 17:29	1014
Dibenzofuran	ND	ug/kg	180		1	03/30/09	03/30/09 17:29	1014
1,2-Dichlorobenzene	ND	ug/kg	180		1	03/30/09	03/30/09 17:29	1014
1,3-Dichlorobenzene	ND	ug/kg	180		1	03/30/09	03/30/09 17:29	1014
1,4-Dichlorobenzene	ND	ug/kg	180		1	03/30/09	03/30/09 17:29	1014
3,3-Dichlorobenzidine	ND	ug/kg	180		1	03/30/09	03/30/09 17:29	1014
2,4-Dichlorophenol	ND	ug/kg	180		1	03/30/09	03/30/09 17:29	1014
Diethyl phthalate	ND	ug/kg	180		1	03/30/09	03/30/09 17:29	1014
2,4-Dimethylphenol	ND	ug/kg	180		1	03/30/09	03/30/09 17:29	1014
2,4-Dinitrophenol	ND	ug/kg	360		1	03/30/09	03/30/09 17:29	1014
2,4-Dinitrotoluene	ND	ug/kg	180		1	03/30/09	03/30/09 17:29	1014
2,6-Dinitrotoluene	ND	ug/kg	180		1	03/30/09	03/30/09 17:29	1014
Fluoranthene	**100**	ug/kg	180	J	1	03/30/09	03/30/09 17:29	1014

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CERTIFICATE OF ANALYSIS

No: 9032703

Arc Environmental, Baltimore, MD

April 10, 2009

Project Name: 1411 Warner Street
Project Location: Lot J
Project ID: 070-9

Sample ID: SB-2 4-5 | **Date/Time Sampled: 03/26/2009 17:15** | **PSS Sample ID: 9032703-012**
Matrix: SOIL | **Date/Time Received: 03/27/2009 09:15** | **% Solids: 93**

TCL Semivolatile Organic Compounds | Analytical Method: SW846 8270C | Preparation Method: SW846 3550

	Result	Units	Rep Limit	Flag	Dil	Prepared	Analyzed	Analyst
Fluorene	ND	ug/kg	180		1	03/30/09	03/30/09 17:29	1014
Hexachlorobenzene	ND	ug/kg	180		1	03/30/09	03/30/09 17:29	1014
Hexachlorobutadiene	ND	ug/kg	180		1	03/30/09	03/30/09 17:29	1014
Hexachlorocyclopentadiene	ND	ug/kg	180		1	03/30/09	03/30/09 17:29	1014
Hexachloroethane	ND	ug/kg	180		1	03/30/09	03/30/09 17:29	1014
Indeno(1,2,3-c,d)Pyrene	ND	ug/kg	180		1	03/30/09	03/30/09 17:29	1014
Isophorone	ND	ug/kg	180		1	03/30/09	03/30/09 17:29	1014
2-Methylnaphthalene	ND	ug/kg	180		1	03/30/09	03/30/09 17:29	1014
2-Methyl phenol	ND	ug/kg	180		1	03/30/09	03/30/09 17:29	1014
3&4-Methylphenol	ND	ug/kg	180		1	03/30/09	03/30/09 17:29	1014
Naphthalene	ND	ug/kg	180		1	03/30/09	03/30/09 17:29	1014
Nitrobenzene	ND	ug/kg	180		1	03/30/09	03/30/09 17:29	1014
N-Nitrosodi-n-propyl amine	ND	ug/kg	72		1	03/30/09	03/30/09 17:29	1014
N-Nitrosodiphenylamine	ND	ug/kg	180		1	03/30/09	03/30/09 17:29	1014
Pentachlorophenol	ND	ug/kg	360		1	03/30/09	03/30/09 17:29	1014
Phenanthrene	ND	ug/kg	180		1	03/30/09	03/30/09 17:29	1014
Phenol	ND	ug/kg	180		1	03/30/09	03/30/09 17:29	1014
Pyrene	**110**	ug/kg	180	J	1	03/30/09	03/30/09 17:29	1014
Bis(2-ethylhexyl)adipate	ND	ug/kg	180		1	03/30/09	03/30/09 17:29	1014
1,2,4-Trichlorobenzene	ND	ug/kg	180		1	03/30/09	03/30/09 17:29	1014
2,4,6-Trichlorophenol	ND	ug/kg	180		1	03/30/09	03/30/09 17:29	1014
2,4,5-Trichlorophenol	ND	ug/kg	180		1	03/30/09	03/30/09 17:29	1014

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CERTIFICATE OF ANALYSIS

No: 9032703

Arc Environmental, Baltimore, MD

April 10, 2009

Project Name: 1411 Warner Street
Project Location: Lot J
Project ID: 070-9

Sample ID: DUP 0-1 | **Date/Time Sampled: 03/26/2009 12:00** | **PSS Sample ID: 9032703-013**
Matrix: SOIL | **Date/Time Received: 03/27/2009 09:15** | **% Solids: 94**

PP MDE Metals | Analytical Method: SW846 6020A | Preparation Method: SW846 3050B

	Result	Units	Rep Limit	Flag	Dil	Prepared	Analyzed	Analyst
Antimony	**1.8**	mg/kg	2.5		1	03/31/09	04/02/09 17:41	1033
Arsenic	**5.5**	mg/kg	0.3		1	03/31/09	04/02/09 17:41	1033
Beryllium	ND	mg/kg	2.5		1	03/31/09	04/02/09 17:41	1033
Cadmium	ND	mg/kg	2.5		1	03/31/09	04/02/09 17:41	1033
Chromium	**25**	mg/kg	2.5		1	03/31/09	04/02/09 17:41	1033
Copper	**65**	mg/kg	2.5		1	03/31/09	04/02/09 17:41	1033
Lead	**170**	mg/kg	2.5		1	03/31/09	04/03/09 15:38	1033
Mercury	**0.22**	mg/kg	0.1		1	03/31/09	04/03/09 15:38	1033
Nickel	**17**	mg/kg	2.5		1	03/31/09	04/02/09 17:41	1033
Selenium	ND	mg/kg	2.5		1	03/31/09	04/02/09 17:41	1033
Silver	ND	mg/kg	2.5		1	03/31/09	04/02/09 17:41	1033
Thallium	ND	mg/kg	2.0		1	03/31/09	04/02/09 17:41	1033
Zinc	**110**	mg/kg	10		1	03/31/09	04/02/09 17:41	1033

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CERTIFICATE OF ANALYSIS

No: 9032703

Arc Environmental, Baltimore, MD

April 10, 2009

Project Name: 1411 Warner Street
Project Location: Lot J
Project ID: 070-9

Sample ID: DUP 0-1 | **Date/Time Sampled: 03/26/2009 12:00** | **PSS Sample ID: 9032703-013**
Matrix: SOIL | **Date/Time Received: 03/27/2009 09:15** | **% Solids: 94**

VCP Organochlorine Pesticides | Analytical Method: SW846 8081B | Preparation Method: SW846 3550

	Result	Units	Rep Limit	Flag	Dil	Prepared	Analyzed	Analyst
4,4-DDD	ND	ug/kg	21		1	03/31/09	04/01/09 21:54	1029
4,4-DDE	ND	ug/kg	21		1	03/31/09	04/01/09 21:54	1029
4,4-DDT	ND	ug/kg	21		1	03/31/09	04/01/09 21:54	1029
Aldrin	ND	ug/kg	21		1	03/31/09	04/01/09 21:54	1029
alpha-BHC	ND	ug/kg	21		1	03/31/09	04/01/09 21:54	1029
alpha-Chlordane	ND	ug/kg	21		1	03/31/09	04/01/09 21:54	1029
beta-BHC	ND	ug/kg	21		1	03/31/09	04/01/09 21:54	1029
delta-BHC	ND	ug/kg	21		1	03/31/09	04/01/09 21:54	1029
Dieldrin	ND	ug/kg	21		1	03/31/09	04/01/09 21:54	1029
Endosulfan I	ND	ug/kg	21		1	03/31/09	04/01/09 21:54	1029
Endosulfan II	ND	ug/kg	21		1	03/31/09	04/01/09 21:54	1029
Endosulfan sulfate	ND	ug/kg	21		1	03/31/09	04/01/09 21:54	1029
Endrin	ND	ug/kg	21		1	03/31/09	04/01/09 21:54	1029
Endrin aldehyde	ND	ug/kg	21		1	03/31/09	04/01/09 21:54	1029
Endrin ketone	ND	ug/kg	21		1	03/31/09	04/01/09 21:54	1029
gamma-BHC (Lindane)	ND	ug/kg	21		1	03/31/09	04/01/09 21:54	1029
gamma-Chlordane	ND	ug/kg	21		1	03/31/09	04/01/09 21:54	1029
Heptachlor	ND	ug/kg	21		1	03/31/09	04/01/09 21:54	1029
Heptachlor epoxide	ND	ug/kg	21		1	03/31/09	04/01/09 21:54	1029
Methoxychlor	ND	ug/kg	21		1	03/31/09	04/01/09 21:54	1029
Toxaphene	ND	ug/kg	210		1	03/31/09	04/01/09 21:54	1029

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PHASE SEPARATION SCIENCE, INC.

CERTIFICATE OF ANALYSIS

No: 9032703

Arc Environmental, Baltimore, MD

April 10, 2009

Project Name: 1411 Warner Street
Project Location: Lot J
Project ID: 070-9

Sample ID: DUP 0-1 | **Date/Time Sampled: 03/26/2009 12:00** | **PSS Sample ID: 9032703-013**
Matrix: SOIL | **Date/Time Received: 03/27/2009 09:15** | **% Solids: 94**

Polychlorinated Biphenyls

Analytical Method: SW846 8082A
Preparation Method: SW846 3550
Clean up Method: SW846 3665A

	Result	Units	Rep Limit	Flag	Dil	Prepared	Analyzed	Analyst
PCB-1016	ND	mg/kg	0.1		1	03/30/09	03/31/09 13:07	1029
PCB-1221	ND	mg/kg	0.1		1	03/30/09	03/31/09 13:07	1029
PCB-1232	ND	mg/kg	0.1		1	03/30/09	03/31/09 13:07	1029
PCB-1242	ND	mg/kg	0.1		1	03/30/09	03/31/09 13:07	1029
PCB-1248	ND	mg/kg	0.1		1	03/30/09	03/31/09 13:07	1029
PCB-1254	ND	mg/kg	0.1		1	03/30/09	03/31/09 13:07	1029
PCB-1260	ND	mg/kg	0.1		1	03/30/09	03/31/09 13:07	1029

VCP Chlorinated Herbicides

Analytical Method: SW846 8151A

	Result	Units	Rep Limit	Flag	Dil	Prepared	Analyzed	Analyst
Dalapon	ND	ug/kg	530		1	04/01/09	04/03/09 04:08	1029
2,4-D	ND	ug/kg	210		1	04/01/09	04/03/09 04:08	1029
2,4,5-TP (Silvex)	ND	ug/kg	21		1	04/01/09	04/03/09 04:08	1029
Dinoseb	ND	ug/kg	110		1	04/01/09	04/03/09 04:08	1029

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CERTIFICATE OF ANALYSIS

No: 9032703
Arc Environmental, Baltimore, MD
April 10, 2009

Project Name: 1411 Warner Street
Project Location: Lot J
Project ID: 070-9

Sample ID: DUP 0-1 | **Date/Time Sampled: 03/26/2009 12:00** | **PSS Sample ID: 9032703-013**
Matrix: SOIL | **Date/Time Received: 03/27/2009 09:15** | **% Solids: 94**

TCL Semivolatile Organic Compounds | Analytical Method: SW846 8270C | Preparation Method: SW846 3550

	Result	Units	Rep Limit	Flag	Dil	Prepared	Analyzed	Analyst
Acenaphthene	ND	ug/kg	1,800		10	03/30/09	03/30/09 21:17	1014
Acenaphthylene	ND	ug/kg	1,800		10	03/30/09	03/30/09 21:17	1014
Anthracene	ND	ug/kg	1,800		10	03/30/09	03/30/09 21:17	1014
Benzo(a)anthracene	ND	ug/kg	1,800		10	03/30/09	03/30/09 21:17	1014
Benzo(a)pyrene	ND	ug/kg	250		10	03/30/09	03/30/09 21:17	1014
Benzo(b)fluoranthene	ND	ug/kg	1,800		10	03/30/09	03/30/09 21:17	1014
Benzo(g,h,i)perylene	ND	ug/kg	1,800		10	03/30/09	03/30/09 21:17	1014
Benzo(k)fluoranthene	ND	ug/kg	1,800		10	03/30/09	03/30/09 21:17	1014
bis(2-chloroethyl) ether	ND	ug/kg	1,800		10	03/30/09	03/30/09 21:17	1014
bis(2-chloroisopropyl) ether	ND	ug/kg	1,800		10	03/30/09	03/30/09 21:17	1014
bis(2-ethylhexyl) phthalate	**6,500**	ug/kg	1,800		10	03/30/09	03/30/09 21:17	1014
Di-n-butyl phthalate	ND	ug/kg	3,500		10	03/30/09	03/30/09 21:17	1014
Carbazole	ND	ug/kg	1,800		10	03/30/09	03/30/09 21:17	1014
4-Chloroaniline	ND	ug/kg	3,500		10	03/30/09	03/30/09 21:17	1014
2-Chloronaphthalene	ND	ug/kg	1,800		10	03/30/09	03/30/09 21:17	1014
2-Chlorophenol	ND	ug/kg	1,800		10	03/30/09	03/30/09 21:17	1014
Chrysene	ND	ug/kg	1,800		10	03/30/09	03/30/09 21:17	1014
Dibenz(a,h)Anthracene	ND	ug/kg	250		10	03/30/09	03/30/09 21:17	1014
Dibenzofuran	ND	ug/kg	1,800		10	03/30/09	03/30/09 21:17	1014
1,2-Dichlorobenzene	ND	ug/kg	1,800		10	03/30/09	03/30/09 21:17	1014
1,3-Dichlorobenzene	ND	ug/kg	1,800		10	03/30/09	03/30/09 21:17	1014
1,4-Dichlorobenzene	ND	ug/kg	1,800		10	03/30/09	03/30/09 21:17	1014
3,3-Dichlorobenzidine	ND	ug/kg	1,800		10	03/30/09	03/30/09 21:17	1014
2,4-Dichlorophenol	ND	ug/kg	1,800		10	03/30/09	03/30/09 21:17	1014
Diethyl phthalate	ND	ug/kg	1,800		10	03/30/09	03/30/09 21:17	1014
2,4-Dimethylphenol	ND	ug/kg	1,800		10	03/30/09	03/30/09 21:17	1014
2,4-Dinitrophenol	ND	ug/kg	3,500		10	03/30/09	03/30/09 21:17	1014
2,4-Dinitrotoluene	ND	ug/kg	1,800		10	03/30/09	03/30/09 21:17	1014
2,6-Dinitrotoluene	ND	ug/kg	1,800		10	03/30/09	03/30/09 21:17	1014
Fluoranthene	ND	ug/kg	1,800		10	03/30/09	03/30/09 21:17	1014

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PHASE SEPARATION SCIENCE, INC.

CERTIFICATE OF ANALYSIS

No: 9032703
Arc Environmental, Baltimore, MD
April 10, 2009

Project Name: 1411 Warner Street
Project Location: Lot J
Project ID: 070-9

Sample ID: DUP 0-1 | **Date/Time Sampled: 03/26/2009 12:00** | **PSS Sample ID: 9032703-013**
Matrix: SOIL | **Date/Time Received: 03/27/2009 09:15** | **% Solids: 94**

TCL Semivolatile Organic Compounds | Analytical Method: SW846 8270C | Preparation Method: SW846 3550

	Result	Units	Rep Limit	Flag	Dil	Prepared	Analyzed	Analyst
Fluorene	ND	ug/kg	1,800		10	03/30/09	03/30/09 21:17	1014
Hexachlorobenzene	ND	ug/kg	1,800		10	03/30/09	03/30/09 21:17	1014
Hexachlorobutadiene	ND	ug/kg	1,800		10	03/30/09	03/30/09 21:17	1014
Hexachlorocyclopentadiene	ND	ug/kg	1,800		10	03/30/09	03/30/09 21:17	1014
Hexachloroethane	ND	ug/kg	1,800		10	03/30/09	03/30/09 21:17	1014
Indeno(1,2,3-c,d)Pyrene	ND	ug/kg	1,800		10	03/30/09	03/30/09 21:17	1014
Isophorone	ND	ug/kg	1,800		10	03/30/09	03/30/09 21:17	1014
2-Methylnaphthalene	ND	ug/kg	1,800		10	03/30/09	03/30/09 21:17	1014
2-Methyl phenol	ND	ug/kg	1,800		10	03/30/09	03/30/09 21:17	1014
3&4-Methylphenol	ND	ug/kg	1,800		10	03/30/09	03/30/09 21:17	1014
Naphthalene	ND	ug/kg	1,800		10	03/30/09	03/30/09 21:17	1014
Nitrobenzene	ND	ug/kg	1,800		10	03/30/09	03/30/09 21:17	1014
N-Nitrosodi-n-propyl amine	ND	ug/kg	710		10	03/30/09	03/30/09 21:17	1014
N-Nitrosodiphenylamine	ND	ug/kg	1,800		10	03/30/09	03/30/09 21:17	1014
Pentachlorophenol	ND	ug/kg	3,500		10	03/30/09	03/30/09 21:17	1014
Phenanthrene	ND	ug/kg	1,800		10	03/30/09	03/30/09 21:17	1014
Phenol	ND	ug/kg	1,800		10	03/30/09	03/30/09 21:17	1014
Pyrene	ND	ug/kg	1,800		10	03/30/09	03/30/09 21:17	1014
Bis(2-ethylhexyl)adipate	ND	ug/kg	1,800		10	03/30/09	03/30/09 21:17	1014
1,2,4-Trichlorobenzene	ND	ug/kg	1,800		10	03/30/09	03/30/09 21:17	1014
2,4,6-Trichlorophenol	ND	ug/kg	1,800		10	03/30/09	03/30/09 21:17	1014
2,4,5-Trichlorophenol	ND	ug/kg	1,800		10	03/30/09	03/30/09 21:17	1014

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CERTIFICATE OF ANALYSIS

No: 9032703

Arc Environmental, Baltimore, MD

April 10, 2009

Project Name: 1411 Warner Street
Project Location: Lot J
Project ID: 070-9

Sample ID: DUP 4-5 | **Date/Time Sampled: 03/26/2009 12:10** | **PSS Sample ID: 9032703-014**
Matrix: SOIL | **Date/Time Received: 03/27/2009 09:15** | **% Solids: 84**

PP MDE Metals — Analytical Method: SW846 6020A — Preparation Method: SW846 3050B

	Result	Units	Rep Limit	Flag	Dil	Prepared	Analyzed	Analyst
Antimony	ND	mg/kg	2.6		1	03/31/09	04/02/09 17:47	1033
Arsenic	**3.6**	mg/kg	0.3		1	03/31/09	04/02/09 17:47	1033
Beryllium	ND	mg/kg	2.6		1	03/31/09	04/02/09 17:47	1033
Cadmium	ND	mg/kg	2.6		1	03/31/09	04/02/09 17:47	1033
Chromium	**71**	mg/kg	2.6		1	03/31/09	04/02/09 17:47	1033
Copper	**32**	mg/kg	2.6		1	03/31/09	04/02/09 17:47	1033
Lead	**85**	mg/kg	2.6		1	03/31/09	04/03/09 15:44	1033
Mercury	**0.16**	mg/kg	0.1		1	03/31/09	04/03/09 15:44	1033
Nickel	**25**	mg/kg	2.6		1	03/31/09	04/02/09 17:47	1033
Selenium	ND	mg/kg	2.6		1	03/31/09	04/02/09 17:47	1033
Silver	ND	mg/kg	2.6		1	03/31/09	04/02/09 17:47	1033
Thallium	ND	mg/kg	2.1		1	03/31/09	04/02/09 17:47	1033
Zinc	**51**	mg/kg	10		1	03/31/09	04/02/09 17:47	1033

Total Petroleum Hydrocarbons - DRO — Analytical Method: SW846 8015C — Preparation Method: SW846 3550

	Result	Units	Rep Limit	Flag	Dil	Prepared	Analyzed	Analyst
TPH-DRO (Diesel Range Organics)	ND	mg/kg	12		1	03/30/09	03/31/09 09:35	1040

Total Petroleum Hydrocarbons-GRO — Analytical Method: SW846 8015C — Preparation Method: SW846 5030

	Result	Units	Rep Limit	Flag	Dil	Prepared	Analyzed	Analyst
TPH-GRO (Gasoline Range Organics)	ND	ug/kg	120		1	03/30/09	03/30/09 16:10	1035

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PHASE SEPARATION SCIENCE, INC.

CERTIFICATE OF ANALYSIS

No: 9032703
Arc Environmental, Baltimore, MD
April 10, 2009

Project Name: 1411 Warner Street
Project Location: Lot J
Project ID: 070-9

Sample ID: DUP 4-5 | **Date/Time Sampled: 03/26/2009 12:10** | **PSS Sample ID: 9032703-014**
Matrix: SOIL | **Date/Time Received: 03/27/2009 09:15** | **% Solids: 84**

VCP Organochlorine Pesticides — Analytical Method: SW846 8081B — Preparation Method: SW846 3550

	Result	Units	Rep Limit	Flag	Dil	Prepared	Analyzed	Analyst
4,4-DDD	ND	ug/kg	23		1	03/31/09	04/01/09 17:13	1029
4,4-DDE	ND	ug/kg	23		1	03/31/09	04/01/09 17:13	1029
4,4-DDT	ND	ug/kg	23		1	03/31/09	04/01/09 17:13	1029
Aldrin	ND	ug/kg	23		1	03/31/09	04/01/09 17:13	1029
alpha-BHC	ND	ug/kg	23		1	03/31/09	04/01/09 17:13	1029
alpha-Chlordane	ND	ug/kg	23		1	03/31/09	04/01/09 17:13	1029
beta-BHC	ND	ug/kg	23		1	03/31/09	04/01/09 17:13	1029
delta-BHC	ND	ug/kg	23		1	03/31/09	04/01/09 17:13	1029
Dieldrin	ND	ug/kg	23		1	03/31/09	04/01/09 17:13	1029
Endosulfan I	ND	ug/kg	23		1	03/31/09	04/01/09 17:13	1029
Endosulfan II	ND	ug/kg	23		1	03/31/09	04/01/09 17:13	1029
Endosulfan sulfate	ND	ug/kg	23		1	03/31/09	04/01/09 17:13	1029
Endrin	ND	ug/kg	23		1	03/31/09	04/01/09 17:13	1029
Endrin aldehyde	ND	ug/kg	23		1	03/31/09	04/01/09 17:13	1029
Endrin ketone	ND	ug/kg	23		1	03/31/09	04/01/09 17:13	1029
gamma-BHC (Lindane)	ND	ug/kg	23		1	03/31/09	04/01/09 17:13	1029
gamma-Chlordane	ND	ug/kg	23		1	03/31/09	04/01/09 17:13	1029
Heptachlor	ND	ug/kg	23		1	03/31/09	04/01/09 17:13	1029
Heptachlor epoxide	ND	ug/kg	23		1	03/31/09	04/01/09 17:13	1029
Methoxychlor	ND	ug/kg	23		1	03/31/09	04/01/09 17:13	1029
Toxaphene	ND	ug/kg	230		1	03/31/09	04/01/09 17:13	1029

VCP Chlorinated Herbicides — Analytical Method: SW846 8151A

	Result	Units	Rep Limit	Flag	Dil	Prepared	Analyzed	Analyst
Dalapon	ND	ug/kg	590		1	04/01/09	04/03/09 04:41	1029
2,4-D	ND	ug/kg	240		1	04/01/09	04/03/09 04:41	1029
2,4,5-TP (Silvex)	ND	ug/kg	24		1	04/01/09	04/03/09 04:41	1029
Dinoseb	ND	ug/kg	120		1	04/01/09	04/03/09 04:41	1029

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Arc Environmental, Baltimore, MD

April 10, 2009

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Project Location: Lot J
Project ID: 070-9

Sample ID: DUP 4-5 | **Date/Time Sampled: 03/26/2009 12:10** | **PSS Sample ID: 9032703-014**
Matrix: SOIL | **Date/Time Received: 03/27/2009 09:15** | **% Solids: 84**

TCL Volatile Organic Compounds | Analytical Method: SW846 8260B | Preparation Method: SW846 5035A

	Result	Units	Rep Limit	Flag	Dil	Prepared	Analyzed	Analyst
Chloromethane	ND	ug/kg	6		1	03/27/09	03/27/09 18:21	1011
Vinyl Chloride	ND	ug/kg	6		1	03/27/09	03/27/09 18:21	1011
Bromomethane	ND	ug/kg	6		1	03/27/09	03/27/09 18:21	1011
Chloroethane	ND	ug/kg	6		1	03/27/09	03/27/09 18:21	1011
Acetone	ND	ug/kg	22		1	03/27/09	03/27/09 18:21	1011
1,1-Dichloroethene	ND	ug/kg	6		1	03/27/09	03/27/09 18:21	1011
Methylene Chloride	ND	ug/kg	6		1	03/27/09	03/27/09 18:21	1011
trans-1,2-Dichloroethene	ND	ug/kg	6		1	03/27/09	03/27/09 18:21	1011
Methyl-t-butyl ether	ND	ug/kg	6		1	03/27/09	03/27/09 18:21	1011
1,1-Dichloroethane	ND	ug/kg	6		1	03/27/09	03/27/09 18:21	1011
2-Butanone	ND	ug/kg	22		1	03/27/09	03/27/09 18:21	1011
cis-1,2-Dichloroethene	ND	ug/kg	6		1	03/27/09	03/27/09 18:21	1011
Chloroform	ND	ug/kg	6		1	03/27/09	03/27/09 18:21	1011
1,1,1-Trichloroethane	ND	ug/kg	6		1	03/27/09	03/27/09 18:21	1011
1,2-Dichloroethane	ND	ug/kg	6		1	03/27/09	03/27/09 18:21	1011
Carbon Tetrachloride	ND	ug/kg	6		1	03/27/09	03/27/09 18:21	1011
Benzene	ND	ug/kg	6		1	03/27/09	03/27/09 18:21	1011
1,2-Dichloropropane	ND	ug/kg	6		1	03/27/09	03/27/09 18:21	1011
Carbon Disulfide	ND	ug/kg	11		1	03/27/09	03/27/09 18:21	1011
Trichloroethene	ND	ug/kg	6		1	03/27/09	03/27/09 18:21	1011
Bromodichloromethane	ND	ug/kg	6		1	03/27/09	03/27/09 18:21	1011
cis-1,3-Dichloropropene	ND	ug/kg	6		1	03/27/09	03/27/09 18:21	1011
4-Methyl-2-Pentanone	ND	ug/kg	22		1	03/27/09	03/27/09 18:21	1011
trans-1,3-Dichloropropene	ND	ug/kg	6		1	03/27/09	03/27/09 18:21	1011
1,1,2-Trichloroethane	ND	ug/kg	6		1	03/27/09	03/27/09 18:21	1011
Toluene	ND	ug/kg	6		1	03/27/09	03/27/09 18:21	1011
1,2-Dibromoethane	ND	ug/kg	6		1	03/27/09	03/27/09 18:21	1011
Dibromochloromethane	ND	ug/kg	6		1	03/27/09	03/27/09 18:21	1011
Bromoform	ND	ug/kg	6		1	03/27/09	03/27/09 18:21	1011
Tetrachloroethene	ND	ug/kg	6		1	03/27/09	03/27/09 18:21	1011

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PHASE SEPARATION SCIENCE, INC.

CERTIFICATE OF ANALYSIS

No: 9032703

Arc Environmental, Baltimore, MD

April 10, 2009

Project Name: 1411 Warner Street
Project Location: Lot J
Project ID: 070-9

Sample ID: DUP 4-5 | **Date/Time Sampled: 03/26/2009 12:10** | **PSS Sample ID: 9032703-014**
Matrix: SOIL | **Date/Time Received: 03/27/2009 09:15** | **% Solids: 84**

TCL Volatile Organic Compounds | Analytical Method: SW846 8260B | Preparation Method: SW846 5035A

	Result	Units	Rep Limit	Flag	Dil	Prepared	Analyzed	Analyst
Chlorobenzene	ND	ug/kg	6		1	03/27/09	03/27/09 18:21	1011
Ethylbenzene	ND	ug/kg	6		1	03/27/09	03/27/09 18:21	1011
m,p-Xylenes	ND	ug/kg	11		1	03/27/09	03/27/09 18:21	1011
Styrene	ND	ug/kg	6		1	03/27/09	03/27/09 18:21	1011
1,1,2,2-Tetrachloroethane	ND	ug/kg	6		1	03/27/09	03/27/09 18:21	1011
o-Xylene	ND	ug/kg	6		1	03/27/09	03/27/09 18:21	1011
Isopropylbenzene	ND	ug/kg	6		1	03/27/09	03/27/09 18:21	1011
n-Propylbenzene	ND	ug/kg	6		1	03/27/09	03/27/09 18:21	1011
1,3,5-Trimethylbenzene	ND	ug/kg	6		1	03/27/09	03/27/09 18:21	1011
1,2,4-Trimethylbenzene	ND	ug/kg	6		1	03/27/09	03/27/09 18:21	1011
n-Butylbenzene	ND	ug/kg	6		1	03/27/09	03/27/09 18:21	1011
1,2-Dibromo-3-Chloropropane	ND	ug/kg	44		1	03/27/09	03/27/09 18:21	1011

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CERTIFICATE OF ANALYSIS

No: 9032703
Arc Environmental, Baltimore, MD
April 10, 2009

Project Name: 1411 Warner Street
Project Location: Lot J
Project ID: 070-9

Sample ID: DUP 4-5 | **Date/Time Sampled: 03/26/2009 12:10** | **PSS Sample ID: 9032703-014**
Matrix: SOIL | **Date/Time Received: 03/27/2009 09:15** | **% Solids: 84**

TCL Semivolatile Organic Compounds | Analytical Method: SW846 8270C | Preparation Method: SW846 3550

	Result	Units	Rep Limit	Flag	Dil	Prepared	Analyzed	Analyst
Acenaphthene	ND	ug/kg	200		1	03/30/09	03/30/09 17:01	1014
Acenaphthylene	ND	ug/kg	200		1	03/30/09	03/30/09 17:01	1014
Anthracene	ND	ug/kg	200		1	03/30/09	03/30/09 17:01	1014
Benzo(a)anthracene	ND	ug/kg	200		1	03/30/09	03/30/09 17:01	1014
Benzo(a)pyrene	ND	ug/kg	28		1	03/30/09	03/30/09 17:01	1014
Benzo(b)fluoranthene	ND	ug/kg	200		1	03/30/09	03/30/09 17:01	1014
Benzo(g,h,i)perylene	ND	ug/kg	200		1	03/30/09	03/30/09 17:01	1014
Benzo(k)fluoranthene	ND	ug/kg	200		1	03/30/09	03/30/09 17:01	1014
bis(2-chloroethyl) ether	ND	ug/kg	200		1	03/30/09	03/30/09 17:01	1014
bis(2-chloroisopropyl) ether	ND	ug/kg	200		1	03/30/09	03/30/09 17:01	1014
bis(2-ethylhexyl) phthalate	ND	ug/kg	200		1	03/30/09	03/30/09 17:01	1014
Di-n-butyl phthalate	ND	ug/kg	400		1	03/30/09	03/30/09 17:01	1014
Carbazole	ND	ug/kg	200		1	03/30/09	03/30/09 17:01	1014
4-Chloroaniline	ND	ug/kg	400		1	03/30/09	03/30/09 17:01	1014
2-Chloronaphthalene	ND	ug/kg	200		1	03/30/09	03/30/09 17:01	1014
2-Chlorophenol	ND	ug/kg	200		1	03/30/09	03/30/09 17:01	1014
Chrysene	ND	ug/kg	200		1	03/30/09	03/30/09 17:01	1014
Dibenz(a,h)Anthracene	ND	ug/kg	28		1	03/30/09	03/30/09 17:01	1014
Dibenzofuran	ND	ug/kg	200		1	03/30/09	03/30/09 17:01	1014
1,2-Dichlorobenzene	ND	ug/kg	200		1	03/30/09	03/30/09 17:01	1014
1,3-Dichlorobenzene	ND	ug/kg	200		1	03/30/09	03/30/09 17:01	1014
1,4-Dichlorobenzene	ND	ug/kg	200		1	03/30/09	03/30/09 17:01	1014
3,3-Dichlorobenzidine	ND	ug/kg	200		1	03/30/09	03/30/09 17:01	1014
2,4-Dichlorophenol	ND	ug/kg	200		1	03/30/09	03/30/09 17:01	1014
Diethyl phthalate	ND	ug/kg	200		1	03/30/09	03/30/09 17:01	1014
2,4-Dimethylphenol	ND	ug/kg	200		1	03/30/09	03/30/09 17:01	1014
2,4-Dinitrophenol	ND	ug/kg	400		1	03/30/09	03/30/09 17:01	1014
2,4-Dinitrotoluene	ND	ug/kg	200		1	03/30/09	03/30/09 17:01	1014
2,6-Dinitrotoluene	ND	ug/kg	200		1	03/30/09	03/30/09 17:01	1014
Fluoranthene	ND	ug/kg	200		1	03/30/09	03/30/09 17:01	1014

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PHASE SEPARATION SCIENCE, INC.

CERTIFICATE OF ANALYSIS

No: 9032703

Arc Environmental, Baltimore, MD

April 10, 2009

Project Name: 1411 Warner Street
Project Location: Lot J
Project ID: 070-9

Sample ID: DUP 4-5 | **Date/Time Sampled: 03/26/2009 12:10** | **PSS Sample ID: 9032703-014**
Matrix: SOIL | **Date/Time Received: 03/27/2009 09:15** | **% Solids: 84**

TCL Semivolatile Organic Compounds | Analytical Method: SW846 8270C | Preparation Method: SW846 3550

	Result	Units	Rep Limit	Flag	Dil	Prepared	Analyzed	Analyst
Fluorene	ND	ug/kg	200		1	03/30/09	03/30/09 17:01	1014
Hexachlorobenzene	ND	ug/kg	200		1	03/30/09	03/30/09 17:01	1014
Hexachlorobutadiene	ND	ug/kg	200		1	03/30/09	03/30/09 17:01	1014
Hexachlorocyclopentadiene	ND	ug/kg	200		1	03/30/09	03/30/09 17:01	1014
Hexachloroethane	ND	ug/kg	200		1	03/30/09	03/30/09 17:01	1014
Indeno(1,2,3-c,d)Pyrene	ND	ug/kg	200		1	03/30/09	03/30/09 17:01	1014
Isophorone	ND	ug/kg	200		1	03/30/09	03/30/09 17:01	1014
2-Methylnaphthalene	ND	ug/kg	200		1	03/30/09	03/30/09 17:01	1014
2-Methyl phenol	ND	ug/kg	200		1	03/30/09	03/30/09 17:01	1014
3&4-Methylphenol	ND	ug/kg	200		1	03/30/09	03/30/09 17:01	1014
Naphthalene	ND	ug/kg	200		1	03/30/09	03/30/09 17:01	1014
Nitrobenzene	ND	ug/kg	200		1	03/30/09	03/30/09 17:01	1014
N-Nitrosodi-n-propyl amine	ND	ug/kg	79		1	03/30/09	03/30/09 17:01	1014
N-Nitrosodiphenylamine	ND	ug/kg	200		1	03/30/09	03/30/09 17:01	1014
Pentachlorophenol	ND	ug/kg	400		1	03/30/09	03/30/09 17:01	1014
Phenanthrene	ND	ug/kg	200		1	03/30/09	03/30/09 17:01	1014
Phenol	ND	ug/kg	200		1	03/30/09	03/30/09 17:01	1014
Pyrene	ND	ug/kg	200		1	03/30/09	03/30/09 17:01	1014
Bis(2-ethylhexyl)adipate	ND	ug/kg	200		1	03/30/09	03/30/09 17:01	1014
1,2,4-Trichlorobenzene	ND	ug/kg	200		1	03/30/09	03/30/09 17:01	1014
2,4,6-Trichlorophenol	ND	ug/kg	200		1	03/30/09	03/30/09 17:01	1014
2,4,5-Trichlorophenol	ND	ug/kg	200		1	03/30/09	03/30/09 17:01	1014

SAMPLE CHAIN OF CUSTODY/AGREEMENT FORM

PHASE SEPARATION SCIENCE, INC.

www.phaseonline.com
email: info@phaseonline.com

(1) CLIENT: Arc Environmental OFFICE LOC.

PROJECT MGR: David Leety PHONE NO.: (410 659-9971

EMAIL: dleety@arcenvironmental.com FAX NO.: (410) 962-1665

PROJECT NAME: 1411 Warner Street PROJECT NO.: 070-9

SITE LOCATION: Lot J P.O. NO.:

SAMPLERS: K Christensen

PSS Work Order #: 9032703 PAGE 1 OF 2

Matrix Codes: SW=Surface Wtr DW=Drinking Wrt GW=Ground Wtr WW=Waste Wtr O=Oil S=Soil WL=Waste Liquid WS=Waste Solid W= Wipe

(2)

LAB NO.	SAMPLE IDENTIFICATION	DATE	TIME	MATRIX (See Codes)	No. CONTAINERS	SAMPLE TYPE C = COMP G = GRAB	Preservatives Used	(3) Analysis/ Method Required: VOCs	SVOCs	PAL Metals	Herbicides	Pesticides	TPH-DRO/GRO	PCBs	REMARKS
1	SB-4 0-1	3/26/09	8:57	S	3	G			✓	✓	✓	✓		✓	
2	SB-4 4-5		8:55		4	G		✓	✓	✓	✓	✓	✓		
3	SB-1 0-1		9:40		3	G			✓	✓	✓	✓		✓	
4	SB-1 4-5		9:45		4	G		✓	✓	✓	✓	✓	✓		
5	SB-5 0-1		11:05		3	G			✓	✓	✓	✓		✓	
6	SB-5 4-5		11:10		4	G		✓	✓	✓	✓	✓	✓		
7	SB-6 0-1		11:40		3	G			✓	✓	✓	✓		✓	
8	SB-6 4-5		11:45		4	G		✓	✓	✓	✓	✓	✓		
	~~SB-9 0-1~~		~~13:25~~		~~3~~	~~G~~			~~✓~~	~~✓~~	~~✓~~	~~✓~~	~~✓~~	~~✓~~	

(5)

Relinquished By: (1)	Date	Time	Received By:
Kelly Christensen	3/26/09	1830	Gary D. Rodarmer
Relinquished By: (2)	Date	Time	Received By:
Gary D. Rodarmer	3/27/9	915A	
Relinquished By: (3)	Date	Time	Received By:
Relinquished By: (4)	Date	Time	Received By:

(4)

Requested Turnaround Time
☒ 5-Day ☐ 3-Day ☐ 2-Day
☐ Next Day ☐ Emergency ☐ Other

Data Deliverables Required:

# of Coolers: 2
Custody Seal: ABS
Ice Present: PRES Temp: 5°C
Shipping Carrier: CLIENT

Special Instructions:

VCP Site

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SAMPLE CHAIN OF CUSTODY/AGREEMENT FORM

PHASE SEPARATION SCIENCE, INC.

www.phaseonline.com
email: info@phaseonline.com

(1) CLIENT: Arc Environmental OFFICE LOC.
PROJECT MGR: D. Leahy PHONE NO.: (410) 659 6671
EMAIL: dleahy@arcenv.com FAX NO.: ( )
PROJECT NAME: 1411 Warner Street PROJECT NO.: 070-9
SITE LOCATION: Lot J P.O. NO.:
SAMPLERS: K. Chisholm

PSS Work Order #: 90321703 PAGE 2 OF 2

Matrix Codes: SW=Surface Wtr DW=Drinking Wrt GW=Ground Wtr WW=Waste Wtr O=Oil S=Soil WL=Waste Liquid WS=Waste Solid W= Wipe

(2)

LAB NO.	SAMPLE IDENTIFICATION	DATE	TIME	MATRIX (See Codes)	No. CONTAINERS	SAMPLE TYPE C = COMP G = GRAB	Preservatives Used	(3) Analysis/ Method Required: VOCs	SVOCs	PPL Metals	Herbicides	Asbestos	PCBs	TPH-DRO/GRO	REMARKS
9	SB-3 0-1	3/26/09	16:05	S	3	G			✓	✓	✓	✓	✓		
10	SB-3 4-5		16:10	S	4	G		✓	✓	✓	✓	✓		✓	
11	SB-2 0-1		17:10	S	3	G			✓	✓	✓	✓	✓		
12	SB-2 4-5		17:15	S	4	G		✓	✓	✓	✓	✓		✓	
13	Dup 0-1		12:00	S	3	G			✓	✓	✓	✓	✓		
14	Dup 4-5		12:10	S	4	G		✓	✓	✓	✓	✓		✓	

(5)

Relinquished By: (1)	Date	Time	Received By:
[signature]	3/26/09	1830	Ray D. Goodman
Relinquished By: (2)	Date	Time	Received By:
Ray D. Goodman	3/27/9	915A	[signature]
Relinquished By: (3)	Date	Time	Received By:
Relinquished By: (4)	Date	Time	Received By:

(4)

Requested Turnaround Time
☒ 5-Day ☐ 3-Day ☐ 2-Day
☐ Next Day ☐ Emergency ☐ Other

Data Deliverables Required:

# of Coolers: 2
Custody Seal: ABS
Ice Present: PRES Temp: 5°c
Shipping Carrier: CLIENT

Special Instructions:
VCP site

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Phase Separation Science, Inc

Sample Receipt Checklist

Wo Number	9032703	**Received By**	Rachel Davis
Client Name	Arc Environmental	**Date Received**	03/27/2009 09:15:00 AM
Project Name	1411 Warner Street	**Delivered By**	Client
Project Number	070-9	**Tracking No**	Not Applicable
Disposal Date:	05/01/2009	**Logged In By**	Rachel Davis

Shipping Container(s)

No of Coolers	2	Ice	Present
Custody Seals	Absent	Temp (deg C)	5
Seal Condition	None	Temp Blank Present	No

Documentation

COC agrees with sample labels? X Yes or ___ No

Chain of Custody (COC) X Yes or ___ No

Sample Container

Appropiate for Specified Analysis?	Yes X No ___	Custody Seal(s)	Yes ___ No X
Intact?	X ___	Custody Seal(s) Intact?	___ X
Labeled and Labels Legible	X ___	Seal(s) Signed / Dated	___ X
Total No of Samples Received	14	Total No. of Containers Received	69

Preservation

		Yes	No	N/A
Metals	(pH<2)	___	___	X
Cyanides	(pH>12)	___	___	X
Sulfide	(pH>9)	___	___	X
TOC, COD, Phenols	(pH<2)	___	___	X
TOX, TKN, NH3, Total Phos	(pH<2)	___	___	X
VOC, BTEX (VOA Vials Rcvd Preserved)	(pH<2)	___	___	X
Do VOA vials have zero headspace?		___	___	X

Comments: (Any "No" response must be detailed in the comments section below.)

For any improper preservation conditions, list sample ID, preservative added (reagent ID number) below as well as documentation of any client notification as well as client instructions Samples for pH, chlorine and dissolved oxygen should be anafyzed as soon as possible, preferably in the field at the time of sampling

Samples Inspected/Checklist Completed By: [signature] Date: 3/27/9

PM Review and Approval: [signature] Date: 3/27/09

03/27/2009 01:03 PM

Analytical Report for

A2Z Environmental Group

Certificate of Analysis No.: 9032702

Project Manager: Yvonne McMahon

Project Name : Arc Environmental

Project Location: Lot J

April 6, 2009

Phase Separation Science, Inc.

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PHASE SEPARATION SCIENCE, INC.

April 6, 2009

Yvonne McMahon
A2Z Environmental Group
311 South Haven St.
Baltimore, MD 21224

Reference: PSS Work Order No: **9032702**
Project Name : Arc Environmental
Project Location: Lot J

Dear Yvonne McMahon :

The attached Analytical and QC Summary lists the analytical results from the analyses performed on the samples received under the project name referenced above and identified with the Phase Separation Science (PSS) Work Order numbered **9032702**.

All work reported herein has been performed in accordance with referenced methodologies, PSS Standard Operating Procedures and the PSS Quality Assurance Manual. PSS is limited in liability to the actual cost of the sample analysis done.

PSS reserves the right to return any unused samples, extracts or related solutions. Otherwise, the samples are scheduled for disposal, without any further notice, on May 1, 2009. This includes any samples that were received with a request to be held but lacked a specific hold period. It is your responsibility to provide a written request defining a specific disposal date if additional storage is required. Upon receipt , the request will be acknowledged by PSS, thus extending the storage period.

This report shall not be reproduced except in full, without the written approval of an authorized PSS representative. A copy of this report will be retained by PSS for at least 10 years, after which time it will be disposed without further notice, unless prior arrangements have been made.

We thank you for selecting Phase Separation Science, Inc. to serve your analytical needs. If you have any questions concerning this report, do not hesitate to contact us at 410-747-8770 or info@phaseonline.com.

Dan Prucnal
Laboratory Manager

Case Narrative Summary

Client Name: A2Z Environmental Group

Project Name: Arc Environmental

Project ID: N/A

Work Order Number: 9032702

The following samples were received under chain of custody by Phase Separation Science (PSS) on 03/27/2009 at 09:15 am

Lab Sample Id	Sample Id	Matrix	Date/Time Collected
9032702-001	SB-9 0-1	SOIL	03/26/2009 01:15 pm
9032702-002	SB-10 0-1	SOIL	03/26/2009 03:25 pm
9032702-003	SB-10 4-5	SOIL	03/26/2009 03:30 pm
9032702-004	SB-7 0-1	SOIL	03/26/2009 04:40 pm
9032702-005	SB-7 4-5	SOIL	03/26/2009 04:50 pm
9032702-006	SB-8 0-1	SOIL	03/26/2009 05:40 pm
9032702-007	SB-8 4-5	SOIL	03/26/2009 05:50 pm

Please reference the Chain of Custody and Sample Receipt Checklist for specific container counts and preservatives. Any sample conditions not in compliance with sample acceptance criteria are described in the Sample Receipt Checklist.

Any holding time exceedances, deviations from the method specifications, regulatory requirements or variations to the procedures outlined in the PSS Quality Assurance Manual are outlined below.

Notes:

1. The presence of common laboratory contaminants such as acetone, methylene chloride and phthalates, may be considered a possible laboratory artifact. Where observed, appropriate consideration of data should be taken.
2. The following analytical results are never reported on a dry weight basis: pH, flashpoint, moisture and paint filter test.
3. Drinking water samples collected for the purpose of compliance with SDWA may not be suitable for their intended use unless collected by a certified sampler [COMAR 26.08.05.07.C.2].

Standard Flags/Abbreviations:

B A target analyte or common laboratory contaminant was identified in the method blank. Its presence indicates possible field or laboratory contamination.
C Results Pending Final Confirmation.
D The sample(s) were diluted due to targets detected over the highest point of the calibration curve, or due to matrix interference. Dilution factors are included in the final results. The result is from a diluted sample.
E The data exceeds the upper calibration limit; therefore, the concentration is reported as estimated.
J The target analyte was positively identified below the reporting limit but greater than one-half of the reporting limit.
ND Not Detected at or above the reporting limit.
RL Reporting Limit.
U Not detected.

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PHASE SEPARATION SCIENCE, INC.

CERTIFICATE OF ANALYSIS

No: 9032702

A2Z Environmental Group, Baltimore, MD

April 6, 2009

Project Name: Arc Environmental
Project Location: Lot J

Sample ID: SB-9 0-1 | **Date/Time Sampled: 03/26/2009 13:15** | **PSS Sample ID: 9032702-001**
Matrix: SOIL | **Date/Time Received: 03/27/2009 09:15** | **% Solids: 88**

PP MDE Metals | Analytical Method: SW846 6020A | Preparation Method: SW846 3050B

	Result	Units	Rep Limit	Flag	Dil	Prepared	Analyzed	Analyst
Antimony	**1.7**	mg/kg	2.7	J	1	03/30/09	03/31/09 17:22	1034
Arsenic	**5.8**	mg/kg	0.3		1	03/30/09	03/31/09 17:22	1034
Beryllium	ND	mg/kg	2.7		1	03/30/09	03/31/09 17:22	1034
Cadmium	ND	mg/kg	2.7		1	03/30/09	03/31/09 17:22	1034
Chromium	**34**	mg/kg	2.7		1	03/30/09	03/31/09 17:22	1034
Copper	**61**	mg/kg	2.7		1	03/30/09	03/31/09 17:22	1034
Lead	**350**	mg/kg	27		10	03/30/09	04/01/09 15:13	1034
Mercury	**0.82**	mg/kg	0.1		1	03/30/09	03/31/09 17:22	1034
Nickel	**15**	mg/kg	2.7		1	03/30/09	03/31/09 17:22	1034
Selenium	ND	mg/kg	2.7		1	03/30/09	03/31/09 17:22	1034
Silver	ND	mg/kg	2.7		1	03/30/09	03/31/09 17:22	1034
Thallium	ND	mg/kg	2.2		1	03/30/09	03/31/09 17:22	1034
Zinc	**160**	mg/kg	11		1	03/30/09	03/31/09 17:22	1034

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PHASE SEPARATION SCIENCE, INC.

CERTIFICATE OF ANALYSIS

No: 9032702

A2Z Environmental Group, Baltimore, MD

April 6, 2009

Project Name: Arc Environmental
Project Location: Lot J

Sample ID: SB-9 0-1 | **Date/Time Sampled: 03/26/2009 13:15** | **PSS Sample ID: 9032702-001**
Matrix: SOIL | **Date/Time Received: 03/27/2009 09:15** | **% Solids: 88**

VCP Organochlorine Pesticides | Analytical Method: SW846 8081B | Preparation Method: SW846 3550

	Result	Units	Rep Limit	Flag	Dil	Prepared	Analyzed	Analyst
4,4-DDD	ND	ug/kg	22		1	03/31/09	04/01/09 14:53	1029
4,4-DDE	ND	ug/kg	22		1	03/31/09	04/01/09 14:53	1029
4,4-DDT	ND	ug/kg	22		1	03/31/09	04/01/09 14:53	1029
Aldrin	ND	ug/kg	22		1	03/31/09	04/01/09 14:53	1029
alpha-BHC	ND	ug/kg	22		1	03/31/09	04/01/09 14:53	1029
alpha-Chlordane	ND	ug/kg	22		1	03/31/09	04/01/09 14:53	1029
beta-BHC	ND	ug/kg	22		1	03/31/09	04/01/09 14:53	1029
delta-BHC	ND	ug/kg	22		1	03/31/09	04/01/09 14:53	1029
Dieldrin	ND	ug/kg	22		1	03/31/09	04/01/09 14:53	1029
Endosulfan I	ND	ug/kg	22		1	03/31/09	04/01/09 14:53	1029
Endosulfan II	ND	ug/kg	22		1	03/31/09	04/01/09 14:53	1029
Endosulfan sulfate	ND	ug/kg	22		1	03/31/09	04/01/09 14:53	1029
Endrin	ND	ug/kg	22		1	03/31/09	04/01/09 14:53	1029
Endrin aldehyde	ND	ug/kg	22		1	03/31/09	04/01/09 14:53	1029
Endrin ketone	ND	ug/kg	22		1	03/31/09	04/01/09 14:53	1029
gamma-BHC (Lindane)	ND	ug/kg	22		1	03/31/09	04/01/09 14:53	1029
gamma-Chlordane	ND	ug/kg	22		1	03/31/09	04/01/09 14:53	1029
Heptachlor	ND	ug/kg	22		1	03/31/09	04/01/09 14:53	1029
Heptachlor epoxide	ND	ug/kg	22		1	03/31/09	04/01/09 14:53	1029
Methoxychlor	ND	ug/kg	22		1	03/31/09	04/01/09 14:53	1029
Toxaphene	ND	ug/kg	220		1	03/31/09	04/01/09 14:53	1029

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PHASE SEPARATION SCIENCE, INC.

CERTIFICATE OF ANALYSIS

No: 9032702

A2Z Environmental Group, Baltimore, MD

April 6, 2009

Project Name: Arc Environmental
Project Location: Lot J

Sample ID: SB-9 0-1 | **Date/Time Sampled: 03/26/2009 13:15** | **PSS Sample ID: 9032702-001**
Matrix: SOIL | **Date/Time Received: 03/27/2009 09:15** | **% Solids: 88**

Polychlorinated Biphenyls

Analytical Method: SW846 8082A
Preparation Method: SW846 3550
Clean up Method: SW846 3665A

	Result	Units	Rep Limit	Flag	Dil	Prepared	Analyzed	Analyst
PCB-1016	ND	mg/kg	0.1		1	03/30/09	03/31/09 11:10	1029
PCB-1221	ND	mg/kg	0.1		1	03/30/09	03/31/09 11:10	1029
PCB-1232	ND	mg/kg	0.1		1	03/30/09	03/31/09 11:10	1029
PCB-1242	ND	mg/kg	0.1		1	03/30/09	03/31/09 11:10	1029
PCB-1248	ND	mg/kg	0.1		1	03/30/09	03/31/09 11:10	1029
PCB-1254	ND	mg/kg	0.1		1	03/30/09	03/31/09 11:10	1029
PCB-1260	ND	mg/kg	0.1		1	03/30/09	03/31/09 11:10	1029

VCP Chlorinated Herbicides

Analytical Method: SW846 8151A

	Result	Units	Rep Limit	Flag	Dil	Prepared	Analyzed	Analyst
Dalapon	ND	ug/kg	560		1	03/31/09	04/02/09 19:43	1029
2,4-D	ND	ug/kg	230		1	03/31/09	04/02/09 19:43	1029
2,4,5-TP (Silvex)	ND	ug/kg	23		1	03/31/09	04/02/09 19:43	1029
Dinoseb	ND	ug/kg	110		1	03/31/09	04/02/09 19:43	1029

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PHASE SEPARATION SCIENCE, INC.

CERTIFICATE OF ANALYSIS

No: 9032702

A2Z Environmental Group, Baltimore, MD

April 6, 2009

Project Name: Arc Environmental
Project Location: Lot J

Sample ID: SB-9 0-1 | **Date/Time Sampled: 03/26/2009 13:15** | **PSS Sample ID: 9032702-001**
Matrix: SOIL | **Date/Time Received: 03/27/2009 09:15** | **% Solids: 88**

TCL Semivolatile Organic Compounds | Analytical Method: SW846 8270C | Preparation Method: SW846 3550

	Result	Units	Rep Limit	Flag	Dil	Prepared	Analyzed	Analyst
Acenaphthene	ND	ug/kg	190		1	03/31/09	04/01/09 10:52	1014
Acenaphthylene	ND	ug/kg	190		1	03/31/09	04/01/09 10:52	1014
Anthracene	ND	ug/kg	190		1	03/31/09	04/01/09 10:52	1014
Benzo(a)anthracene	**360**	ug/kg	190		1	03/31/09	04/01/09 10:52	1014
Benzo(a)pyrene	**320**	ug/kg	26		1	03/31/09	04/01/09 10:52	1014
Benzo(b)fluoranthene	**310**	ug/kg	190		1	03/31/09	04/01/09 10:52	1014
Benzo(g,h,i)perylene	**260**	ug/kg	190		1	03/31/09	04/01/09 10:52	1014
Benzo(k)fluoranthene	**250**	ug/kg	190		1	03/31/09	04/01/09 10:52	1014
bis(2-chloroethyl) ether	ND	ug/kg	190		1	03/31/09	04/01/09 10:52	1014
bis(2-chloroisopropyl) ether	ND	ug/kg	190		1	03/31/09	04/01/09 10:52	1014
bis(2-ethylhexyl) phthalate	ND	ug/kg	190		1	03/31/09	04/01/09 10:52	1014
Di-n-butyl phthalate	ND	ug/kg	380		1	03/31/09	04/01/09 10:52	1014
Carbazole	ND	ug/kg	190		1	03/31/09	04/01/09 10:52	1014
4-Chloroaniline	ND	ug/kg	380		1	03/31/09	04/01/09 10:52	1014
2-Chloronaphthalene	ND	ug/kg	190		1	03/31/09	04/01/09 10:52	1014
2-Chlorophenol	ND	ug/kg	190		1	03/31/09	04/01/09 10:52	1014
Chrysene	**370**	ug/kg	190		1	03/31/09	04/01/09 10:52	1014
Dibenz(a,h)Anthracene	**89**	ug/kg	26		1	03/31/09	04/01/09 10:52	1014
Dibenzofuran	ND	ug/kg	190		1	03/31/09	04/01/09 10:52	1014
1,2-Dichlorobenzene	ND	ug/kg	190		1	03/31/09	04/01/09 10:52	1014
1,3-Dichlorobenzene	ND	ug/kg	190		1	03/31/09	04/01/09 10:52	1014
1,4-Dichlorobenzene	ND	ug/kg	190		1	03/31/09	04/01/09 10:52	1014
3,3-Dichlorobenzidine	ND	ug/kg	190		1	03/31/09	04/01/09 10:52	1014
2,4-Dichlorophenol	ND	ug/kg	190		1	03/31/09	04/01/09 10:52	1014
Diethyl phthalate	ND	ug/kg	190		1	03/31/09	04/01/09 10:52	1014
2,4-Dimethylphenol	ND	ug/kg	190		1	03/31/09	04/01/09 10:52	1014
2,4-Dinitrophenol	ND	ug/kg	380		1	03/31/09	04/01/09 10:52	1014
2,4-Dinitrotoluene	ND	ug/kg	190		1	03/31/09	04/01/09 10:52	1014
2,6-Dinitrotoluene	ND	ug/kg	190		1	03/31/09	04/01/09 10:52	1014
Fluoranthene	**570**	ug/kg	190		1	03/31/09	04/01/09 10:52	1014

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PHASE SEPARATION SCIENCE, INC.

CERTIFICATE OF ANALYSIS

No: 9032702

A2Z Environmental Group, Baltimore, MD

April 6, 2009

Project Name: Arc Environmental
Project Location: Lot J

Sample ID: SB-9 0-1 | **Date/Time Sampled: 03/26/2009 13:15** | **PSS Sample ID: 9032702-001**
Matrix: SOIL | **Date/Time Received: 03/27/2009 09:15** | **% Solids: 88**

TCL Semivolatile Organic Compounds | Analytical Method: SW846 8270C | Preparation Method: SW846 3550

	Result	Units	Rep Limit	Flag	Dil	Prepared	Analyzed	Analyst
Fluorene	ND	ug/kg	190		1	03/31/09	04/01/09 10:52	1014
Hexachlorobenzene	ND	ug/kg	190		1	03/31/09	04/01/09 10:52	1014
Hexachlorobutadiene	ND	ug/kg	190		1	03/31/09	04/01/09 10:52	1014
Hexachlorocyclopentadiene	ND	ug/kg	190		1	03/31/09	04/01/09 10:52	1014
Hexachloroethane	ND	ug/kg	190		1	03/31/09	04/01/09 10:52	1014
Indeno(1,2,3-c,d)Pyrene	**200**	ug/kg	190		1	03/31/09	04/01/09 10:52	1014
Isophorone	ND	ug/kg	190		1	03/31/09	04/01/09 10:52	1014
2-Methylnaphthalene	ND	ug/kg	190		1	03/31/09	04/01/09 10:52	1014
2-Methyl phenol	ND	ug/kg	190		1	03/31/09	04/01/09 10:52	1014
3&4-Methylphenol	ND	ug/kg	190		1	03/31/09	04/01/09 10:52	1014
Naphthalene	ND	ug/kg	190		1	03/31/09	04/01/09 10:52	1014
Nitrobenzene	ND	ug/kg	190		1	03/31/09	04/01/09 10:52	1014
N-Nitrosodi-n-propyl amine	ND	ug/kg	75		1	03/31/09	04/01/09 10:52	1014
N-Nitrosodiphenylamine	ND	ug/kg	190		1	03/31/09	04/01/09 10:52	1014
Pentachlorophenol	ND	ug/kg	380		1	03/31/09	04/01/09 10:52	1014
Phenanthrene	**440**	ug/kg	190		1	03/31/09	04/01/09 10:52	1014
Phenol	ND	ug/kg	190		1	03/31/09	04/01/09 10:52	1014
Pyrene	**850**	ug/kg	190		1	03/31/09	04/01/09 10:52	1014
Bis(2-ethylhexyl)adipate	ND	ug/kg	190		1	03/31/09	04/01/09 10:52	1014
1,2,4-Trichlorobenzene	ND	ug/kg	190		1	03/31/09	04/01/09 10:52	1014
2,4,6-Trichlorophenol	ND	ug/kg	190		1	03/31/09	04/01/09 10:52	1014
2,4,5-Trichlorophenol	ND	ug/kg	190		1	03/31/09	04/01/09 10:52	1014

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PHASE SEPARATION SCIENCE, INC.

CERTIFICATE OF ANALYSIS

No: 9032702

A2Z Environmental Group, Baltimore, MD

April 6, 2009

Project Name: Arc Environmental
Project Location: Lot J

Sample ID: SB-10 0-1	**Date/Time Sampled: 03/26/2009 15:25**	**PSS Sample ID: 9032702-002**
Matrix: SOIL	**Date/Time Received: 03/27/2009 09:15**	**% Solids: 93**

PP MDE Metals — Analytical Method: SW846 6020A — Preparation Method: SW846 3050B

	Result	Units	Rep Limit	Flag	Dil	Prepared	Analyzed	Analyst
Antimony	ND	mg/kg	2.3		1	03/30/09	03/31/09 18:16	1034
Arsenic	**2.4**	mg/kg	0.2		1	03/30/09	03/31/09 18:16	1034
Beryllium	ND	mg/kg	2.3		1	03/30/09	03/31/09 18:16	1034
Cadmium	ND	mg/kg	2.3		1	03/30/09	03/31/09 18:16	1034
Chromium	**23**	mg/kg	2.3		1	03/30/09	03/31/09 18:16	1034
Copper	**19**	mg/kg	2.3		1	03/30/09	03/31/09 18:16	1034
Lead	**54**	mg/kg	2.3		1	03/30/09	03/31/09 18:16	1034
Mercury	**0.10**	mg/kg	0.1		1	03/30/09	03/31/09 18:16	1034
Nickel	**11**	mg/kg	2.3		1	03/30/09	03/31/09 18:16	1034
Selenium	ND	mg/kg	2.3		1	03/30/09	03/31/09 18:16	1034
Silver	ND	mg/kg	2.3		1	03/30/09	03/31/09 18:16	1034
Thallium	ND	mg/kg	1.8		1	03/30/09	03/31/09 18:16	1034
Zinc	**61**	mg/kg	9.2		1	03/30/09	03/31/09 18:16	1034

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CERTIFICATE OF ANALYSIS

No: 9032702

A2Z Environmental Group, Baltimore, MD

April 6, 2009

Project Name: Arc Environmental
Project Location: Lot J

Sample ID: SB-10 0-1 | **Date/Time Sampled: 03/26/2009 15:25** | **PSS Sample ID: 9032702-002**
Matrix: SOIL | **Date/Time Received: 03/27/2009 09:15** | **% Solids: 93**

VCP Organochlorine Pesticides | Analytical Method: SW846 8081B | Preparation Method: SW846 3550

	Result	Units	Rep Limit	Flag	Dil	Prepared	Analyzed	Analyst
4,4-DDD	ND	ug/kg	21		1	03/31/09	04/01/09 19:33	1029
4,4-DDE	ND	ug/kg	21		1	03/31/09	04/01/09 19:33	1029
4,4-DDT	ND	ug/kg	21		1	03/31/09	04/01/09 19:33	1029
Aldrin	ND	ug/kg	21		1	03/31/09	04/01/09 19:33	1029
alpha-BHC	ND	ug/kg	21		1	03/31/09	04/01/09 19:33	1029
alpha-Chlordane	**43**	ug/kg	21	E	1	03/31/09	04/01/09 19:33	1029
beta-BHC	ND	ug/kg	21		1	03/31/09	04/01/09 19:33	1029
delta-BHC	ND	ug/kg	21		1	03/31/09	04/01/09 19:33	1029
Dieldrin	ND	ug/kg	21		1	03/31/09	04/01/09 19:33	1029
Endosulfan I	ND	ug/kg	21		1	03/31/09	04/01/09 19:33	1029
Endosulfan II	ND	ug/kg	21		1	03/31/09	04/01/09 19:33	1029
Endosulfan sulfate	ND	ug/kg	21		1	03/31/09	04/01/09 19:33	1029
Endrin	ND	ug/kg	21		1	03/31/09	04/01/09 19:33	1029
Endrin aldehyde	ND	ug/kg	21		1	03/31/09	04/01/09 19:33	1029
Endrin ketone	ND	ug/kg	21		1	03/31/09	04/01/09 19:33	1029
gamma-BHC (Lindane)	ND	ug/kg	21		1	03/31/09	04/01/09 19:33	1029
gamma-Chlordane	**32**	ug/kg	21		1	03/31/09	04/01/09 19:33	1029
Heptachlor	ND	ug/kg	21		1	03/31/09	04/01/09 19:33	1029
Heptachlor epoxide	ND	ug/kg	21		1	03/31/09	04/01/09 19:33	1029
Methoxychlor	ND	ug/kg	21		1	03/31/09	04/01/09 19:33	1029
Toxaphene	ND	ug/kg	210		1	03/31/09	04/01/09 19:33	1029

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CERTIFICATE OF ANALYSIS

No: 9032702

A2Z Environmental Group, Baltimore, MD

April 6, 2009

Project Name: Arc Environmental
Project Location: Lot J

Sample ID: SB-10 0-1 | **Date/Time Sampled: 03/26/2009 15:25** | **PSS Sample ID: 9032702-002**
Matrix: SOIL | **Date/Time Received: 03/27/2009 09:15** | **% Solids: 93**

Polychlorinated Biphenyls

Analytical Method: SW846 8082A
Preparation Method: SW846 3550
Clean up Method: SW846 3665A

	Result	Units	Rep Limit	Flag	Dil	Prepared	Analyzed	Analyst
PCB-1016	ND	mg/kg	0.1		1	03/30/09	03/31/09 11:10	1029
PCB-1221	ND	mg/kg	0.1		1	03/30/09	03/31/09 11:10	1029
PCB-1232	ND	mg/kg	0.1		1	03/30/09	03/31/09 11:10	1029
PCB-1242	ND	mg/kg	0.1		1	03/30/09	03/31/09 11:10	1029
PCB-1248	ND	mg/kg	0.1		1	03/30/09	03/31/09 11:10	1029
PCB-1254	ND	mg/kg	0.1		1	03/30/09	03/31/09 11:10	1029
PCB-1260	**0.3**	mg/kg	0.1		1	03/30/09	03/31/09 11:10	1029

VCP Chlorinated Herbicides

Analytical Method: SW846 8151A

	Result	Units	Rep Limit	Flag	Dil	Prepared	Analyzed	Analyst
Dalapon	ND	ug/kg	540		1	03/31/09	04/02/09 20:17	1029
2,4-D	ND	ug/kg	210		1	03/31/09	04/02/09 20:17	1029
2,4,5-TP (Silvex)	ND	ug/kg	21		1	03/31/09	04/02/09 20:17	1029
Dinoseb	ND	ug/kg	110		1	03/31/09	04/02/09 20:17	1029

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No: 9032702

A2Z Environmental Group, Baltimore, MD

April 6, 2009

Project Name: Arc Environmental
Project Location: Lot J

Sample ID: SB-10 0-1 | **Date/Time Sampled: 03/26/2009 15:25** | **PSS Sample ID: 9032702-002**
Matrix: SOIL | **Date/Time Received: 03/27/2009 09:15** | **% Solids: 93**

TCL Semivolatile Organic Compounds | Analytical Method: SW846 8270C | Preparation Method: SW846 3550

	Result	Units	Rep Limit	Flag	Dil	Prepared	Analyzed	Analyst
Acenaphthene	ND	ug/kg	180		1	03/31/09	04/01/09 14:11	1014
Acenaphthylene	ND	ug/kg	180		1	03/31/09	04/01/09 14:11	1014
Anthracene	ND	ug/kg	180		1	03/31/09	04/01/09 14:11	1014
Benzo(a)anthracene	**290**	ug/kg	180		1	03/31/09	04/01/09 14:11	1014
Benzo(a)pyrene	**230**	ug/kg	25		1	03/31/09	04/01/09 14:11	1014
Benzo(b)fluoranthene	**250**	ug/kg	180		1	03/31/09	04/01/09 14:11	1014
Benzo(g,h,i)perylene	**210**	ug/kg	180		1	03/31/09	04/01/09 14:11	1014
Benzo(k)fluoranthene	**230**	ug/kg	180		1	03/31/09	04/01/09 14:11	1014
bis(2-chloroethyl) ether	ND	ug/kg	180		1	03/31/09	04/01/09 14:11	1014
bis(2-chloroisopropyl) ether	ND	ug/kg	180		1	03/31/09	04/01/09 14:11	1014
bis(2-ethylhexyl) phthalate	**130**	ug/kg	180	J	1	03/31/09	04/01/09 14:11	1014
Di-n-butyl phthalate	ND	ug/kg	360		1	03/31/09	04/01/09 14:11	1014
Carbazole	ND	ug/kg	180		1	03/31/09	04/01/09 14:11	1014
4-Chloroaniline	ND	ug/kg	360		1	03/31/09	04/01/09 14:11	1014
2-Chloronaphthalene	ND	ug/kg	180		1	03/31/09	04/01/09 14:11	1014
2-Chlorophenol	ND	ug/kg	180		1	03/31/09	04/01/09 14:11	1014
Chrysene	**350**	ug/kg	180		1	03/31/09	04/01/09 14:11	1014
Dibenz(a,h)Anthracene	ND	ug/kg	25		1	03/31/09	04/01/09 14:11	1014
Dibenzofuran	ND	ug/kg	180		1	03/31/09	04/01/09 14:11	1014
1,2-Dichlorobenzene	ND	ug/kg	180		1	03/31/09	04/01/09 14:11	1014
1,3-Dichlorobenzene	ND	ug/kg	180		1	03/31/09	04/01/09 14:11	1014
1,4-Dichlorobenzene	ND	ug/kg	180		1	03/31/09	04/01/09 14:11	1014
3,3-Dichlorobenzidine	ND	ug/kg	180		1	03/31/09	04/01/09 14:11	1014
2,4-Dichlorophenol	ND	ug/kg	180		1	03/31/09	04/01/09 14:11	1014
Diethyl phthalate	ND	ug/kg	180		1	03/31/09	04/01/09 14:11	1014
2,4-Dimethylphenol	ND	ug/kg	180		1	03/31/09	04/01/09 14:11	1014
2,4-Dinitrophenol	ND	ug/kg	360		1	03/31/09	04/01/09 14:11	1014
2,4-Dinitrotoluene	ND	ug/kg	180		1	03/31/09	04/01/09 14:11	1014
2,6-Dinitrotoluene	ND	ug/kg	180		1	03/31/09	04/01/09 14:11	1014
Fluoranthene	**300**	ug/kg	180		1	03/31/09	04/01/09 14:11	1014

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CERTIFICATE OF ANALYSIS

No: 9032702

A2Z Environmental Group, Baltimore, MD

April 6, 2009

Project Name: Arc Environmental
Project Location: Lot J

Sample ID: SB-10 0-1 | **Date/Time Sampled: 03/26/2009 15:25** | **PSS Sample ID: 9032702-002**
Matrix: SOIL | **Date/Time Received: 03/27/2009 09:15** | **% Solids: 93**

TCL Semivolatile Organic Compounds | Analytical Method: SW846 8270C | Preparation Method: SW846 3550

	Result	Units	Rep Limit	Flag	Dil	Prepared	Analyzed	Analyst
Fluorene	ND	ug/kg	180		1	03/31/09	04/01/09 14:11	1014
Hexachlorobenzene	ND	ug/kg	180		1	03/31/09	04/01/09 14:11	1014
Hexachlorobutadiene	ND	ug/kg	180		1	03/31/09	04/01/09 14:11	1014
Hexachlorocyclopentadiene	ND	ug/kg	180		1	03/31/09	04/01/09 14:11	1014
Hexachloroethane	ND	ug/kg	180		1	03/31/09	04/01/09 14:11	1014
Indeno(1,2,3-c,d)Pyrene	**180**	ug/kg	180	J	1	03/31/09	04/01/09 14:11	1014
Isophorone	ND	ug/kg	180		1	03/31/09	04/01/09 14:11	1014
2-Methylnaphthalene	ND	ug/kg	180		1	03/31/09	04/01/09 14:11	1014
2-Methyl phenol	ND	ug/kg	180		1	03/31/09	04/01/09 14:11	1014
3&4-Methylphenol	ND	ug/kg	180		1	03/31/09	04/01/09 14:11	1014
Naphthalene	ND	ug/kg	180		1	03/31/09	04/01/09 14:11	1014
Nitrobenzene	ND	ug/kg	180		1	03/31/09	04/01/09 14:11	1014
N-Nitrosodi-n-propyl amine	ND	ug/kg	72		1	03/31/09	04/01/09 14:11	1014
N-Nitrosodiphenylamine	ND	ug/kg	180		1	03/31/09	04/01/09 14:11	1014
Pentachlorophenol	ND	ug/kg	360		1	03/31/09	04/01/09 14:11	1014
Phenanthrene	**440**	ug/kg	180		1	03/31/09	04/01/09 14:11	1014
Phenol	ND	ug/kg	180		1	03/31/09	04/01/09 14:11	1014
Pyrene	**1,200**	ug/kg	180		1	03/31/09	04/01/09 14:11	1014
Bis(2-ethylhexyl)adipate	ND	ug/kg	180		1	03/31/09	04/01/09 14:11	1014
1,2,4-Trichlorobenzene	ND	ug/kg	180		1	03/31/09	04/01/09 14:11	1014
2,4,6-Trichlorophenol	ND	ug/kg	180		1	03/31/09	04/01/09 14:11	1014
2,4,5-Trichlorophenol	ND	ug/kg	180		1	03/31/09	04/01/09 14:11	1014

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PHASE SEPARATION SCIENCE, INC.

CERTIFICATE OF ANALYSIS

No: 9032702

A2Z Environmental Group, Baltimore, MD

April 6, 2009

Project Name: Arc Environmental
Project Location: Lot J

Sample ID: SB-10 4-5 | **Date/Time Sampled: 03/26/2009 15:30** | **PSS Sample ID: 9032702-003**
Matrix: SOIL | **Date/Time Received: 03/27/2009 09:15** | **% Solids: 92**

PP MDE Metals — Analytical Method: SW846 6020A — Preparation Method: SW846 3050B

	Result	Units	Rep Limit	Flag	Dil	Prepared	Analyzed	Analyst
Antimony	ND	mg/kg	2.6		1	03/30/09	03/31/09 18:34	1034
Arsenic	**1.5**	mg/kg	0.3		1	03/30/09	03/31/09 18:34	1034
Beryllium	ND	mg/kg	2.6		1	03/30/09	03/31/09 18:34	1034
Cadmium	ND	mg/kg	2.6		1	03/30/09	03/31/09 18:34	1034
Chromium	**42**	mg/kg	2.6		1	03/30/09	03/31/09 18:34	1034
Copper	**11**	mg/kg	2.6		1	03/30/09	03/31/09 18:34	1034
Lead	**42**	mg/kg	2.6		1	03/30/09	03/31/09 18:34	1034
Mercury	**0.09**	mg/kg	0.1	J	1	03/30/09	04/01/09 13:45	1034
Nickel	**14**	mg/kg	2.6		1	03/30/09	03/31/09 18:34	1034
Selenium	ND	mg/kg	2.6		1	03/30/09	03/31/09 18:34	1034
Silver	ND	mg/kg	2.6		1	03/30/09	03/31/09 18:34	1034
Thallium	ND	mg/kg	2.1		1	03/30/09	03/31/09 18:34	1034
Zinc	**20**	mg/kg	10		1	03/30/09	03/31/09 18:34	1034

Total Petroleum Hydrocarbons - DRO — Analytical Method: SW846 8015C — Preparation Method: SW846 3550

DF/HF - No. 2/diesel fuel and heavier fuel/oil patterns observed in sample.

	Result	Units	Rep Limit	Flag	Dil	Prepared	Analyzed	Analyst
TPH-DRO (Diesel Range Organics)	**550**	mg/kg	54	DF	5	03/30/09	03/30/09 15:36	1040

Total Petroleum Hydrocarbons-GRO — Analytical Method: SW846 8015C — Preparation Method: SW846 5030

	Result	Units	Rep Limit	Flag	Dil	Prepared	Analyzed	Analyst
TPH-GRO (Gasoline Range Organics)	**2,000**	ug/kg	110		1	03/27/09	03/28/09 03:47	1035

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PHASE SEPARATION SCIENCE, INC.

CERTIFICATE OF ANALYSIS

No: 9032702

A2Z Environmental Group, Baltimore, MD

April 6, 2009

Project Name: Arc Environmental
Project Location: Lot J

Sample ID: SB-10 4-5 | **Date/Time Sampled: 03/26/2009 15:30** | **PSS Sample ID: 9032702-003**
Matrix: SOIL | **Date/Time Received: 03/27/2009 09:15** | **% Solids: 92**

VCP Organochlorine Pesticides — Analytical Method: SW846 8081B — Preparation Method: SW846 3550

	Result	Units	Rep Limit	Flag	Dil	Prepared	Analyzed	Analyst
4,4-DDD	ND	ug/kg	21		1	03/31/09	04/01/09 23:46	1029
4,4-DDE	ND	ug/kg	21		1	03/31/09	04/01/09 23:46	1029
4,4-DDT	ND	ug/kg	21		1	03/31/09	04/01/09 23:46	1029
Aldrin	ND	ug/kg	21		1	03/31/09	04/01/09 23:46	1029
alpha-BHC	ND	ug/kg	21		1	03/31/09	04/01/09 23:46	1029
alpha-Chlordane	ND	ug/kg	21		1	03/31/09	04/01/09 23:46	1029
beta-BHC	ND	ug/kg	21		1	03/31/09	04/01/09 23:46	1029
delta-BHC	ND	ug/kg	21		1	03/31/09	04/01/09 23:46	1029
Dieldrin	ND	ug/kg	21		1	03/31/09	04/01/09 23:46	1029
Endosulfan I	ND	ug/kg	21		1	03/31/09	04/01/09 23:46	1029
Endosulfan II	ND	ug/kg	21		1	03/31/09	04/01/09 23:46	1029
Endosulfan sulfate	ND	ug/kg	21		1	03/31/09	04/01/09 23:46	1029
Endrin	ND	ug/kg	21		1	03/31/09	04/01/09 23:46	1029
Endrin aldehyde	ND	ug/kg	21		1	03/31/09	04/01/09 23:46	1029
Endrin ketone	ND	ug/kg	21		1	03/31/09	04/01/09 23:46	1029
gamma-BHC (Lindane)	ND	ug/kg	21		1	03/31/09	04/01/09 23:46	1029
gamma-Chlordane	ND	ug/kg	21		1	03/31/09	04/01/09 23:46	1029
Heptachlor	ND	ug/kg	21		1	03/31/09	04/01/09 23:46	1029
Heptachlor epoxide	ND	ug/kg	21		1	03/31/09	04/01/09 23:46	1029
Methoxychlor	ND	ug/kg	21		1	03/31/09	04/01/09 23:46	1029
Toxaphene	ND	ug/kg	210		1	03/31/09	04/01/09 23:46	1029

VCP Chlorinated Herbicides — Analytical Method: SW846 8151A

	Result	Units	Rep Limit	Flag	Dil	Prepared	Analyzed	Analyst
Dalapon	ND	ug/kg	540		1	03/31/09	04/02/09 20:50	1029
2,4-D	ND	ug/kg	210		1	03/31/09	04/02/09 20:50	1029
2,4,5-TP (Silvex)	ND	ug/kg	21		1	03/31/09	04/02/09 20:50	1029
Dinoseb	ND	ug/kg	110		1	03/31/09	04/02/09 20:50	1029

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Sample ID: SB-10 4-5 | **Date/Time Sampled: 03/26/2009 15:30** | **PSS Sample ID: 9032702-003**
Matrix: SOIL | **Date/Time Received: 03/27/2009 09:15** | **% Solids: 92**

TCL Volatile Organic Compounds | Analytical Method: SW846 8260B | Preparation Method: SW846 5035A

	Result	Units	Rep Limit	Flag	Dil	Prepared	Analyzed	Analyst
Chloromethane	ND	ug/kg	4		1	03/27/09	03/27/09 13:54	1011
Vinyl Chloride	ND	ug/kg	4		1	03/27/09	03/27/09 13:54	1011
Bromomethane	ND	ug/kg	4		1	03/27/09	03/27/09 13:54	1011
Chloroethane	ND	ug/kg	4		1	03/27/09	03/27/09 13:54	1011
Acetone	ND	ug/kg	17		1	03/27/09	03/27/09 13:54	1011
1,1-Dichloroethene	ND	ug/kg	4		1	03/27/09	03/27/09 13:54	1011
Methylene Chloride	ND	ug/kg	4		1	03/27/09	03/27/09 13:54	1011
trans-1,2-Dichloroethene	ND	ug/kg	4		1	03/27/09	03/27/09 13:54	1011
Methyl-t-butyl ether	ND	ug/kg	4		1	03/27/09	03/27/09 13:54	1011
1,1-Dichloroethane	ND	ug/kg	4		1	03/27/09	03/27/09 13:54	1011
2-Butanone	ND	ug/kg	17		1	03/27/09	03/27/09 13:54	1011
cis-1,2-Dichloroethene	ND	ug/kg	4		1	03/27/09	03/27/09 13:54	1011
Chloroform	ND	ug/kg	4		1	03/27/09	03/27/09 13:54	1011
1,1,1-Trichloroethane	ND	ug/kg	4		1	03/27/09	03/27/09 13:54	1011
1,2-Dichloroethane	ND	ug/kg	4		1	03/27/09	03/27/09 13:54	1011
Carbon Tetrachloride	ND	ug/kg	4		1	03/27/09	03/27/09 13:54	1011
Benzene	ND	ug/kg	4		1	03/27/09	03/27/09 13:54	1011
1,2-Dichloropropane	ND	ug/kg	4		1	03/27/09	03/27/09 13:54	1011
Carbon Disulfide	ND	ug/kg	9		1	03/27/09	03/27/09 13:54	1011
Trichloroethene	ND	ug/kg	4		1	03/27/09	03/27/09 13:54	1011
Bromodichloromethane	ND	ug/kg	4		1	03/27/09	03/27/09 13:54	1011
cis-1,3-Dichloropropene	ND	ug/kg	4		1	03/27/09	03/27/09 13:54	1011
4-Methyl-2-Pentanone	ND	ug/kg	17		1	03/27/09	03/27/09 13:54	1011
trans-1,3-Dichloropropene	ND	ug/kg	4		1	03/27/09	03/27/09 13:54	1011
1,1,2-Trichloroethane	ND	ug/kg	4		1	03/27/09	03/27/09 13:54	1011
Toluene	ND	ug/kg	4		1	03/27/09	03/27/09 13:54	1011
1,2-Dibromoethane	ND	ug/kg	4		1	03/27/09	03/27/09 13:54	1011
Dibromochloromethane	ND	ug/kg	4		1	03/27/09	03/27/09 13:54	1011
Bromoform	ND	ug/kg	4		1	03/27/09	03/27/09 13:54	1011
Tetrachloroethene	ND	ug/kg	4		1	03/27/09	03/27/09 13:54	1011

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A2Z Environmental Group, Baltimore, MD

April 6, 2009

Project Name: Arc Environmental
Project Location: Lot J

Sample ID: SB-10 4-5	**Date/Time Sampled: 03/26/2009 15:30**	**PSS Sample ID: 9032702-003**
Matrix: SOIL	**Date/Time Received: 03/27/2009 09:15**	**% Solids: 92**

TCL Volatile Organic Compounds — Analytical Method: SW846 8260B — Preparation Method: SW846 5035A

	Result	Units	Rep Limit	Flag	Dil	Prepared	Analyzed	Analyst
Chlorobenzene	ND	ug/kg	4		1	03/27/09	03/27/09 13:54	1011
Ethylbenzene	ND	ug/kg	4		1	03/27/09	03/27/09 13:54	1011
m,p-Xylenes	ND	ug/kg	9		1	03/27/09	03/27/09 13:54	1011
Styrene	ND	ug/kg	4		1	03/27/09	03/27/09 13:54	1011
1,1,2,2-Tetrachloroethane	ND	ug/kg	4		1	03/27/09	03/27/09 13:54	1011
o-Xylene	ND	ug/kg	4		1	03/27/09	03/27/09 13:54	1011
Isopropylbenzene	ND	ug/kg	4		1	03/27/09	03/27/09 13:54	1011
n-Propylbenzene	ND	ug/kg	4		1	03/27/09	03/27/09 13:54	1011
1,3,5-Trimethylbenzene	ND	ug/kg	4		1	03/27/09	03/27/09 13:54	1011
1,2,4-Trimethylbenzene	ND	ug/kg	4		1	03/27/09	03/27/09 13:54	1011
n-Butylbenzene	ND	ug/kg	4		1	03/27/09	03/27/09 13:54	1011
1,2-Dibromo-3-Chloropropane	ND	ug/kg	34		1	03/27/09	03/27/09 13:54	1011

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Sample ID: SB-10 4-5 | **Date/Time Sampled: 03/26/2009 15:30** | **PSS Sample ID: 9032702-003**
Matrix: SOIL | **Date/Time Received: 03/27/2009 09:15** | **% Solids: 92**

TCL Semivolatile Organic Compounds | Analytical Method: SW846 8270C | Preparation Method: SW846 3550

	Result	Units	Rep Limit	Flag	Dil	Prepared	Analyzed	Analyst
Acenaphthene	ND	ug/kg	180		1	03/31/09	04/01/09 11:20	1014
Acenaphthylene	ND	ug/kg	180		1	03/31/09	04/01/09 11:20	1014
Anthracene	ND	ug/kg	180		1	03/31/09	04/01/09 11:20	1014
Benzo(a)anthracene	ND	ug/kg	180		1	03/31/09	04/01/09 11:20	1014
Benzo(a)pyrene	ND	ug/kg	25		1	03/31/09	04/01/09 11:20	1014
Benzo(b)fluoranthene	ND	ug/kg	180		1	03/31/09	04/01/09 11:20	1014
Benzo(g,h,i)perylene	ND	ug/kg	180		1	03/31/09	04/01/09 11:20	1014
Benzo(k)fluoranthene	ND	ug/kg	180		1	03/31/09	04/01/09 11:20	1014
bis(2-chloroethyl) ether	ND	ug/kg	180		1	03/31/09	04/01/09 11:20	1014
bis(2-chloroisopropyl) ether	ND	ug/kg	180		1	03/31/09	04/01/09 11:20	1014
bis(2-ethylhexyl) phthalate	ND	ug/kg	180		1	03/31/09	04/01/09 11:20	1014
Di-n-butyl phthalate	ND	ug/kg	360		1	03/31/09	04/01/09 11:20	1014
Carbazole	ND	ug/kg	180		1	03/31/09	04/01/09 11:20	1014
4-Chloroaniline	ND	ug/kg	360		1	03/31/09	04/01/09 11:20	1014
2-Chloronaphthalene	ND	ug/kg	180		1	03/31/09	04/01/09 11:20	1014
2-Chlorophenol	ND	ug/kg	180		1	03/31/09	04/01/09 11:20	1014
Chrysene	ND	ug/kg	180		1	03/31/09	04/01/09 11:20	1014
Dibenz(a,h)Anthracene	ND	ug/kg	25		1	03/31/09	04/01/09 11:20	1014
Dibenzofuran	ND	ug/kg	180		1	03/31/09	04/01/09 11:20	1014
1,2-Dichlorobenzene	ND	ug/kg	180		1	03/31/09	04/01/09 11:20	1014
1,3-Dichlorobenzene	ND	ug/kg	180		1	03/31/09	04/01/09 11:20	1014
1,4-Dichlorobenzene	ND	ug/kg	180		1	03/31/09	04/01/09 11:20	1014
3,3-Dichlorobenzidine	ND	ug/kg	180		1	03/31/09	04/01/09 11:20	1014
2,4-Dichlorophenol	ND	ug/kg	180		1	03/31/09	04/01/09 11:20	1014
Diethyl phthalate	ND	ug/kg	180		1	03/31/09	04/01/09 11:20	1014
2,4-Dimethylphenol	ND	ug/kg	180		1	03/31/09	04/01/09 11:20	1014
2,4-Dinitrophenol	ND	ug/kg	360		1	03/31/09	04/01/09 11:20	1014
2,4-Dinitrotoluene	ND	ug/kg	180		1	03/31/09	04/01/09 11:20	1014
2,6-Dinitrotoluene	ND	ug/kg	180		1	03/31/09	04/01/09 11:20	1014
Fluoranthene	ND	ug/kg	180		1	03/31/09	04/01/09 11:20	1014

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CERTIFICATE OF ANALYSIS

No: 9032702

A2Z Environmental Group, Baltimore, MD

April 6, 2009

Project Name: Arc Environmental
Project Location: Lot J

Sample ID: SB-10 4-5 | **Date/Time Sampled: 03/26/2009 15:30** | **PSS Sample ID: 9032702-003**
Matrix: SOIL | **Date/Time Received: 03/27/2009 09:15** | **% Solids: 92**

TCL Semivolatile Organic Compounds | Analytical Method: SW846 8270C | Preparation Method: SW846 3550

	Result	Units	Rep Limit	Flag	Dil	Prepared	Analyzed	Analyst
Fluorene	ND	ug/kg	180		1	03/31/09	04/01/09 11:20	1014
Hexachlorobenzene	ND	ug/kg	180		1	03/31/09	04/01/09 11:20	1014
Hexachlorobutadiene	ND	ug/kg	180		1	03/31/09	04/01/09 11:20	1014
Hexachlorocyclopentadiene	ND	ug/kg	180		1	03/31/09	04/01/09 11:20	1014
Hexachloroethane	ND	ug/kg	180		1	03/31/09	04/01/09 11:20	1014
Indeno(1,2,3-c,d)Pyrene	ND	ug/kg	180		1	03/31/09	04/01/09 11:20	1014
Isophorone	ND	ug/kg	180		1	03/31/09	04/01/09 11:20	1014
2-Methylnaphthalene	ND	ug/kg	180		1	03/31/09	04/01/09 11:20	1014
2-Methyl phenol	ND	ug/kg	180		1	03/31/09	04/01/09 11:20	1014
3&4-Methylphenol	ND	ug/kg	180		1	03/31/09	04/01/09 11:20	1014
Naphthalene	ND	ug/kg	180		1	03/31/09	04/01/09 11:20	1014
Nitrobenzene	ND	ug/kg	180		1	03/31/09	04/01/09 11:20	1014
N-Nitrosodi-n-propyl amine	ND	ug/kg	72		1	03/31/09	04/01/09 11:20	1014
N-Nitrosodiphenylamine	ND	ug/kg	180		1	03/31/09	04/01/09 11:20	1014
Pentachlorophenol	ND	ug/kg	360		1	03/31/09	04/01/09 11:20	1014
Phenanthrene	ND	ug/kg	180		1	03/31/09	04/01/09 11:20	1014
Phenol	ND	ug/kg	180		1	03/31/09	04/01/09 11:20	1014
Pyrene	ND	ug/kg	180		1	03/31/09	04/01/09 11:20	1014
Bis(2-ethylhexyl)adipate	ND	ug/kg	180		1	03/31/09	04/01/09 11:20	1014
1,2,4-Trichlorobenzene	ND	ug/kg	180		1	03/31/09	04/01/09 11:20	1014
2,4,6-Trichlorophenol	ND	ug/kg	180		1	03/31/09	04/01/09 11:20	1014
2,4,5-Trichlorophenol	ND	ug/kg	180		1	03/31/09	04/01/09 11:20	1014

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No: 9032702

A2Z Environmental Group, Baltimore, MD

April 6, 2009

Project Name: Arc Environmental
Project Location: Lot J

Sample ID: SB-7 0-1 | **Date/Time Sampled: 03/26/2009 16:40** | **PSS Sample ID: 9032702-004**
Matrix: SOIL | **Date/Time Received: 03/27/2009 09:15** | **% Solids: 89**

PP MDE Metals | Analytical Method: SW846 6020A | Preparation Method: SW846 3050B

	Result	Units	Rep Limit	Flag	Dil	Prepared	Analyzed	Analyst
Antimony	**3.0**	mg/kg	2.5		1	03/30/09	03/31/09 18:40	1034
Arsenic	**5.6**	mg/kg	0.2		1	03/30/09	03/31/09 18:40	1034
Beryllium	ND	mg/kg	2.5		1	03/30/09	03/31/09 18:40	1034
Cadmium	ND	mg/kg	2.5		1	03/30/09	03/31/09 18:40	1034
Chromium	**30**	mg/kg	2.5		1	03/30/09	03/31/09 18:40	1034
Copper	**68**	mg/kg	2.5		1	03/30/09	03/31/09 18:40	1034
Lead	**180**	mg/kg	2.5		1	03/30/09	03/31/09 18:40	1034
Mercury	**0.45**	mg/kg	0.1		1	03/30/09	04/01/09 13:52	1034
Nickel	**14**	mg/kg	2.5		1	03/30/09	03/31/09 18:40	1034
Selenium	ND	mg/kg	2.5		1	03/30/09	03/31/09 18:40	1034
Silver	ND	mg/kg	2.5		1	03/30/09	03/31/09 18:40	1034
Thallium	ND	mg/kg	2.0		1	03/30/09	03/31/09 18:40	1034
Zinc	**140**	mg/kg	9.9		1	03/30/09	03/31/09 18:40	1034

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Matrix: SOIL | **Date/Time Received: 03/27/2009 09:15** | **% Solids: 89**

VCP Organochlorine Pesticides | Analytical Method: SW846 8081B | Preparation Method: SW846 3550

	Result	Units	Rep Limit	Flag	Dil	Prepared	Analyzed	Analyst
4,4-DDD	ND	ug/kg	22		1	03/31/09	04/01/09 20:01	1029
4,4-DDE	ND	ug/kg	22		1	03/31/09	04/01/09 20:01	1029
4,4-DDT	ND	ug/kg	22		1	03/31/09	04/01/09 20:01	1029
Aldrin	ND	ug/kg	22		1	03/31/09	04/01/09 20:01	1029
alpha-BHC	ND	ug/kg	22		1	03/31/09	04/01/09 20:01	1029
alpha-Chlordane	**27**	ug/kg	22		1	03/31/09	04/01/09 20:01	1029
beta-BHC	ND	ug/kg	22		1	03/31/09	04/01/09 20:01	1029
delta-BHC	ND	ug/kg	22		1	03/31/09	04/01/09 20:01	1029
Dieldrin	ND	ug/kg	22		1	03/31/09	04/01/09 20:01	1029
Endosulfan I	ND	ug/kg	22		1	03/31/09	04/01/09 20:01	1029
Endosulfan II	ND	ug/kg	22		1	03/31/09	04/01/09 20:01	1029
Endosulfan sulfate	ND	ug/kg	22		1	03/31/09	04/01/09 20:01	1029
Endrin	ND	ug/kg	22		1	03/31/09	04/01/09 20:01	1029
Endrin aldehyde	ND	ug/kg	22		1	03/31/09	04/01/09 20:01	1029
Endrin ketone	ND	ug/kg	22		1	03/31/09	04/01/09 20:01	1029
gamma-BHC (Lindane)	ND	ug/kg	22		1	03/31/09	04/01/09 20:01	1029
gamma-Chlordane	**21**	ug/kg	22	J	1	03/31/09	04/01/09 20:01	1029
Heptachlor	ND	ug/kg	22		1	03/31/09	04/01/09 20:01	1029
Heptachlor epoxide	ND	ug/kg	22		1	03/31/09	04/01/09 20:01	1029
Methoxychlor	ND	ug/kg	22		1	03/31/09	04/01/09 20:01	1029
Toxaphene	ND	ug/kg	220		1	03/31/09	04/01/09 20:01	1029

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Project Location: Lot J

Sample ID: SB-7 0-1 | **Date/Time Sampled: 03/26/2009 16:40** | **PSS Sample ID: 9032702-004**
Matrix: SOIL | **Date/Time Received: 03/27/2009 09:15** | **% Solids: 89**

Polychlorinated Biphenyls

Analytical Method: SW846 8082A
Preparation Method: SW846 3550
Clean up Method: SW846 3665A

	Result	Units	Rep Limit	Flag	Dil	Prepared	Analyzed	Analyst
PCB-1016	ND	mg/kg	0.1		1	03/30/09	03/31/09 11:39	1029
PCB-1221	ND	mg/kg	0.1		1	03/30/09	03/31/09 11:39	1029
PCB-1232	ND	mg/kg	0.1		1	03/30/09	03/31/09 11:39	1029
PCB-1242	ND	mg/kg	0.1		1	03/30/09	03/31/09 11:39	1029
PCB-1248	ND	mg/kg	0.1		1	03/30/09	03/31/09 11:39	1029
PCB-1254	ND	mg/kg	0.1		1	03/30/09	03/31/09 11:39	1029
PCB-1260	**0.3**	mg/kg	0.1		1	03/30/09	03/31/09 11:39	1029

VCP Chlorinated Herbicides

Analytical Method: SW846 8151A

	Result	Units	Rep Limit	Flag	Dil	Prepared	Analyzed	Analyst
Dalapon	ND	ug/kg	540		1	03/31/09	04/02/09 21:24	1029
2,4-D	ND	ug/kg	210		1	03/31/09	04/02/09 21:24	1029
2,4,5-TP (Silvex)	ND	ug/kg	21		1	03/31/09	04/02/09 21:24	1029
Dinoseb	ND	ug/kg	110		1	03/31/09	04/02/09 21:24	1029

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PHASE SEPARATION SCIENCE, INC.

CERTIFICATE OF ANALYSIS

No: 9032702

A2Z Environmental Group, Baltimore, MD

April 6, 2009

Project Name: Arc Environmental
Project Location: Lot J

Sample ID: SB-7 0-1 | **Date/Time Sampled: 03/26/2009 16:40** | **PSS Sample ID: 9032702-004**
Matrix: SOIL | **Date/Time Received: 03/27/2009 09:15** | **% Solids: 89**

TCL Semivolatile Organic Compounds | Analytical Method: SW846 8270C | Preparation Method: SW846 3550

	Result	Units	Rep Limit	Flag	Dil	Prepared	Analyzed	Analyst
Acenaphthene	ND	ug/kg	1,900		10	03/31/09	04/01/09 16:05	1014
Acenaphthylene	ND	ug/kg	1,900		10	03/31/09	04/01/09 16:05	1014
Anthracene	ND	ug/kg	1,900		10	03/31/09	04/01/09 16:05	1014
Benzo(a)anthracene	ND	ug/kg	1,900		10	03/31/09	04/01/09 16:05	1014
Benzo(a)pyrene	**400**	ug/kg	260		10	03/31/09	04/01/09 16:05	1014
Benzo(b)fluoranthene	ND	ug/kg	1,900		10	03/31/09	04/01/09 16:05	1014
Benzo(g,h,i)perylene	ND	ug/kg	1,900		10	03/31/09	04/01/09 16:05	1014
Benzo(k)fluoranthene	ND	ug/kg	1,900		10	03/31/09	04/01/09 16:05	1014
bis(2-chloroethyl) ether	ND	ug/kg	1,900		10	03/31/09	04/01/09 16:05	1014
bis(2-chloroisopropyl) ether	ND	ug/kg	1,900		10	03/31/09	04/01/09 16:05	1014
bis(2-ethylhexyl) phthalate	ND	ug/kg	1,900		10	03/31/09	04/01/09 16:05	1014
Di-n-butyl phthalate	ND	ug/kg	3,700		10	03/31/09	04/01/09 16:05	1014
Carbazole	ND	ug/kg	1,900		10	03/31/09	04/01/09 16:05	1014
4-Chloroaniline	ND	ug/kg	3,700		10	03/31/09	04/01/09 16:05	1014
2-Chloronaphthalene	ND	ug/kg	1,900		10	03/31/09	04/01/09 16:05	1014
2-Chlorophenol	ND	ug/kg	1,900		10	03/31/09	04/01/09 16:05	1014
Chrysene	ND	ug/kg	1,900		10	03/31/09	04/01/09 16:05	1014
Dibenz(a,h)Anthracene	ND	ug/kg	260		10	03/31/09	04/01/09 16:05	1014
Dibenzofuran	ND	ug/kg	1,900		10	03/31/09	04/01/09 16:05	1014
1,2-Dichlorobenzene	ND	ug/kg	1,900		10	03/31/09	04/01/09 16:05	1014
1,3-Dichlorobenzene	ND	ug/kg	1,900		10	03/31/09	04/01/09 16:05	1014
1,4-Dichlorobenzene	ND	ug/kg	1,900		10	03/31/09	04/01/09 16:05	1014
3,3-Dichlorobenzidine	ND	ug/kg	1,900		10	03/31/09	04/01/09 16:05	1014
2,4-Dichlorophenol	ND	ug/kg	1,900		10	03/31/09	04/01/09 16:05	1014
Diethyl phthalate	ND	ug/kg	1,900		10	03/31/09	04/01/09 16:05	1014
2,4-Dimethylphenol	ND	ug/kg	1,900		10	03/31/09	04/01/09 16:05	1014
2,4-Dinitrophenol	ND	ug/kg	3,700		10	03/31/09	04/01/09 16:05	1014
2,4-Dinitrotoluene	ND	ug/kg	1,900		10	03/31/09	04/01/09 16:05	1014
2,6-Dinitrotoluene	ND	ug/kg	1,900		10	03/31/09	04/01/09 16:05	1014
Fluoranthene	ND	ug/kg	1,900		10	03/31/09	04/01/09 16:05	1014

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CERTIFICATE OF ANALYSIS

No: 9032702

A2Z Environmental Group, Baltimore, MD

April 6, 2009

Project Name: Arc Environmental
Project Location: Lot J

Sample ID: SB-7 0-1	**Date/Time Sampled: 03/26/2009 16:40**	**PSS Sample ID: 9032702-004**
Matrix: SOIL	**Date/Time Received: 03/27/2009 09:15**	**% Solids: 89**

TCL Semivolatile Organic Compounds — Analytical Method: SW846 8270C — Preparation Method: SW846 3550

	Result	Units	Rep Limit	Flag	Dil	Prepared	Analyzed	Analyst
Fluorene	ND	ug/kg	1,900		10	03/31/09	04/01/09 16:05	1014
Hexachlorobenzene	ND	ug/kg	1,900		10	03/31/09	04/01/09 16:05	1014
Hexachlorobutadiene	ND	ug/kg	1,900		10	03/31/09	04/01/09 16:05	1014
Hexachlorocyclopentadiene	ND	ug/kg	1,900		10	03/31/09	04/01/09 16:05	1014
Hexachloroethane	ND	ug/kg	1,900		10	03/31/09	04/01/09 16:05	1014
Indeno(1,2,3-c,d)Pyrene	ND	ug/kg	1,900		10	03/31/09	04/01/09 16:05	1014
Isophorone	ND	ug/kg	1,900		10	03/31/09	04/01/09 16:05	1014
2-Methylnaphthalene	ND	ug/kg	1,900		10	03/31/09	04/01/09 16:05	1014
2-Methyl phenol	ND	ug/kg	1,900		10	03/31/09	04/01/09 16:05	1014
3&4-Methylphenol	ND	ug/kg	1,900		10	03/31/09	04/01/09 16:05	1014
Naphthalene	ND	ug/kg	1,900		10	03/31/09	04/01/09 16:05	1014
Nitrobenzene	ND	ug/kg	1,900		10	03/31/09	04/01/09 16:05	1014
N-Nitrosodi-n-propyl amine	ND	ug/kg	750		10	03/31/09	04/01/09 16:05	1014
N-Nitrosodiphenylamine	ND	ug/kg	1,900		10	03/31/09	04/01/09 16:05	1014
Pentachlorophenol	ND	ug/kg	3,700		10	03/31/09	04/01/09 16:05	1014
Phenanthrene	ND	ug/kg	1,900		10	03/31/09	04/01/09 16:05	1014
Phenol	ND	ug/kg	1,900		10	03/31/09	04/01/09 16:05	1014
Pyrene	**1,300**	ug/kg	1,900	J	10	03/31/09	04/01/09 16:05	1014
Bis(2-ethylhexyl)adipate	ND	ug/kg	1,900		10	03/31/09	04/01/09 16:05	1014
1,2,4-Trichlorobenzene	ND	ug/kg	1,900		10	03/31/09	04/01/09 16:05	1014
2,4,6-Trichlorophenol	ND	ug/kg	1,900		10	03/31/09	04/01/09 16:05	1014
2,4,5-Trichlorophenol	ND	ug/kg	1,900		10	03/31/09	04/01/09 16:05	1014

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No: 9032702

A2Z Environmental Group, Baltimore, MD

April 6, 2009

Project Name: Arc Environmental
Project Location: Lot J

Sample ID: SB-7 4-5 | **Date/Time Sampled: 03/26/2009 16:50** | **PSS Sample ID: 9032702-005**
Matrix: SOIL | **Date/Time Received: 03/27/2009 09:15** | **% Solids: 85**

PP MDE Metals — Analytical Method: SW846 6020A — Preparation Method: SW846 3050B

	Result	Units	Rep Limit	Flag	Dil	Prepared	Analyzed	Analyst
Antimony	**11**	mg/kg	2.4		1	03/30/09	03/31/09 18:46	1034
Arsenic	**5.5**	mg/kg	0.2		1	03/30/09	03/31/09 18:46	1034
Beryllium	ND	mg/kg	2.4		1	03/30/09	03/31/09 18:46	1034
Cadmium	ND	mg/kg	2.4		1	03/30/09	03/31/09 18:46	1034
Chromium	**24**	mg/kg	2.4		1	03/30/09	03/31/09 18:46	1034
Copper	**73**	mg/kg	2.4		1	03/30/09	03/31/09 18:46	1034
Lead	**240**	mg/kg	2.4		1	03/30/09	03/31/09 18:46	1034
Mercury	**0.35**	mg/kg	0.1		1	03/30/09	04/01/09 13:58	1034
Nickel	**13**	mg/kg	2.4		1	03/30/09	03/31/09 18:46	1034
Selenium	ND	mg/kg	2.4		1	03/30/09	03/31/09 18:46	1034
Silver	ND	mg/kg	2.4		1	03/30/09	03/31/09 18:46	1034
Thallium	ND	mg/kg	1.9		1	03/30/09	03/31/09 18:46	1034
Zinc	**130**	mg/kg	9.6		1	03/30/09	03/31/09 18:46	1034

Total Petroleum Hydrocarbons - DRO — Analytical Method: SW846 8015C — Preparation Method: SW846 3550

HF - Heavier fuel/oil pattern observed in sample.

	Result	Units	Rep Limit	Flag	Dil	Prepared	Analyzed	Analyst
TPH-DRO (Diesel Range Organics)	**87**	mg/kg	59	HF	5	03/30/09	03/30/09 18:26	1040

Total Petroleum Hydrocarbons-GRO — Analytical Method: SW846 8015C — Preparation Method: SW846 5030

	Result	Units	Rep Limit	Flag	Dil	Prepared	Analyzed	Analyst
TPH-GRO (Gasoline Range Organics)	ND	ug/kg	120		1	03/27/09	03/28/09 02:20	1035

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No: 9032702

A2Z Environmental Group, Baltimore, MD

April 6, 2009

Project Name: Arc Environmental
Project Location: Lot J

Sample ID: SB-7 4-5 | **Date/Time Sampled: 03/26/2009 16:50** | **PSS Sample ID: 9032702-005**
Matrix: SOIL | **Date/Time Received: 03/27/2009 09:15** | **% Solids: 85**

VCP Organochlorine Pesticides — Analytical Method: SW846 8081B — Preparation Method: SW846 3550

	Result	Units	Rep Limit	Flag	Dil	Prepared	Analyzed	Analyst
4,4-DDD	ND	ug/kg	110		1	03/31/09	04/02/09 00:42	1029
4,4-DDE	ND	ug/kg	110		1	03/31/09	04/02/09 00:42	1029
4,4-DDT	ND	ug/kg	110		1	03/31/09	04/02/09 00:42	1029
Aldrin	ND	ug/kg	110		1	03/31/09	04/02/09 00:42	1029
alpha-BHC	ND	ug/kg	110		1	03/31/09	04/02/09 00:42	1029
alpha-Chlordane	ND	ug/kg	110		1	03/31/09	04/02/09 00:42	1029
beta-BHC	ND	ug/kg	110		1	03/31/09	04/02/09 00:42	1029
delta-BHC	ND	ug/kg	110		1	03/31/09	04/02/09 00:42	1029
Dieldrin	ND	ug/kg	110		1	03/31/09	04/02/09 00:42	1029
Endosulfan I	ND	ug/kg	110		1	03/31/09	04/02/09 00:42	1029
Endosulfan II	ND	ug/kg	110		1	03/31/09	04/02/09 00:42	1029
Endosulfan sulfate	ND	ug/kg	110		1	03/31/09	04/02/09 00:42	1029
Endrin	ND	ug/kg	110		1	03/31/09	04/02/09 00:42	1029
Endrin aldehyde	ND	ug/kg	110		1	03/31/09	04/02/09 00:42	1029
Endrin ketone	ND	ug/kg	110		1	03/31/09	04/02/09 00:42	1029
gamma-BHC (Lindane)	ND	ug/kg	110		1	03/31/09	04/02/09 00:42	1029
gamma-Chlordane	ND	ug/kg	110		1	03/31/09	04/02/09 00:42	1029
Heptachlor	ND	ug/kg	110		1	03/31/09	04/02/09 00:42	1029
Heptachlor epoxide	ND	ug/kg	110		1	03/31/09	04/02/09 00:42	1029
Methoxychlor	ND	ug/kg	110		1	03/31/09	04/02/09 00:42	1029
Toxaphene	ND	ug/kg	1,100		1	03/31/09	04/02/09 00:42	1029

VCP Chlorinated Herbicides — Analytical Method: SW846 8151A

	Result	Units	Rep Limit	Flag	Dil	Prepared	Analyzed	Analyst
Dalapon	ND	ug/kg	590		1	03/31/09	04/02/09 21:57	1029
2,4-D	ND	ug/kg	230		1	03/31/09	04/02/09 21:57	1029
2,4,5-TP (Silvex)	ND	ug/kg	23		1	03/31/09	04/02/09 21:57	1029
Dinoseb	ND	ug/kg	120		1	03/31/09	04/02/09 21:57	1029

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April 6, 2009

Project Name: Arc Environmental
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Sample ID: SB-7 4-5 | **Date/Time Sampled: 03/26/2009 16:50** | **PSS Sample ID: 9032702-005**
Matrix: SOIL | **Date/Time Received: 03/27/2009 09:15** | **% Solids: 85**

TCL Volatile Organic Compounds | Analytical Method: SW846 8260B | Preparation Method: SW846 5035A

	Result	Units	Rep Limit	Flag	Dil	Prepared	Analyzed	Analyst
Chloromethane	ND	ug/kg	5		1	03/27/09	03/28/09 02:00	1011
Vinyl Chloride	ND	ug/kg	5		1	03/27/09	03/28/09 02:00	1011
Bromomethane	ND	ug/kg	5		1	03/27/09	03/28/09 02:00	1011
Chloroethane	ND	ug/kg	5		1	03/27/09	03/28/09 02:00	1011
Acetone	ND	ug/kg	21		1	03/27/09	03/28/09 02:00	1011
1,1-Dichloroethene	ND	ug/kg	5		1	03/27/09	03/28/09 02:00	1011
Methylene Chloride	ND	ug/kg	5		1	03/27/09	03/28/09 02:00	1011
trans-1,2-Dichloroethene	ND	ug/kg	5		1	03/27/09	03/28/09 02:00	1011
Methyl-t-butyl ether	ND	ug/kg	5		1	03/27/09	03/28/09 02:00	1011
1,1-Dichloroethane	ND	ug/kg	5		1	03/27/09	03/28/09 02:00	1011
2-Butanone	ND	ug/kg	21		1	03/27/09	03/28/09 02:00	1011
cis-1,2-Dichloroethene	ND	ug/kg	5		1	03/27/09	03/28/09 02:00	1011
Chloroform	ND	ug/kg	5		1	03/27/09	03/28/09 02:00	1011
1,1,1-Trichloroethane	ND	ug/kg	5		1	03/27/09	03/28/09 02:00	1011
1,2-Dichloroethane	ND	ug/kg	5		1	03/27/09	03/28/09 02:00	1011
Carbon Tetrachloride	ND	ug/kg	5		1	03/27/09	03/28/09 02:00	1011
Benzene	ND	ug/kg	5		1	03/27/09	03/28/09 02:00	1011
1,2-Dichloropropane	ND	ug/kg	5		1	03/27/09	03/28/09 02:00	1011
Carbon Disulfide	ND	ug/kg	11		1	03/27/09	03/28/09 02:00	1011
Trichloroethene	ND	ug/kg	5		1	03/27/09	03/28/09 02:00	1011
Bromodichloromethane	ND	ug/kg	5		1	03/27/09	03/28/09 02:00	1011
cis-1,3-Dichloropropene	ND	ug/kg	5		1	03/27/09	03/28/09 02:00	1011
4-Methyl-2-Pentanone	ND	ug/kg	21		1	03/27/09	03/28/09 02:00	1011
trans-1,3-Dichloropropene	ND	ug/kg	5		1	03/27/09	03/28/09 02:00	1011
1,1,2-Trichloroethane	ND	ug/kg	5		1	03/27/09	03/28/09 02:00	1011
Toluene	ND	ug/kg	5		1	03/27/09	03/28/09 02:00	1011
1,2-Dibromoethane	ND	ug/kg	5		1	03/27/09	03/28/09 02:00	1011
Dibromochloromethane	ND	ug/kg	5		1	03/27/09	03/28/09 02:00	1011
Bromoform	ND	ug/kg	5		1	03/27/09	03/28/09 02:00	1011
Tetrachloroethene	ND	ug/kg	5		1	03/27/09	03/28/09 02:00	1011

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April 6, 2009

Project Name: Arc Environmental
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Sample ID: SB-7 4-5 | **Date/Time Sampled: 03/26/2009 16:50** | **PSS Sample ID: 9032702-005**
Matrix: SOIL | **Date/Time Received: 03/27/2009 09:15** | **% Solids: 85**

TCL Volatile Organic Compounds | Analytical Method: SW846 8260B | Preparation Method: SW846 5035A

	Result	Units	Rep Limit	Flag	Dil	Prepared	Analyzed	Analyst
Chlorobenzene	ND	ug/kg	5		1	03/27/09	03/28/09 02:00	1011
Ethylbenzene	ND	ug/kg	5		1	03/27/09	03/28/09 02:00	1011
m,p-Xylenes	ND	ug/kg	11		1	03/27/09	03/28/09 02:00	1011
Styrene	ND	ug/kg	5		1	03/27/09	03/28/09 02:00	1011
1,1,2,2-Tetrachloroethane	ND	ug/kg	5		1	03/27/09	03/28/09 02:00	1011
o-Xylene	ND	ug/kg	5		1	03/27/09	03/28/09 02:00	1011
Isopropylbenzene	ND	ug/kg	5		1	03/27/09	03/28/09 02:00	1011
n-Propylbenzene	ND	ug/kg	5		1	03/27/09	03/28/09 02:00	1011
1,3,5-Trimethylbenzene	ND	ug/kg	5		1	03/27/09	03/28/09 02:00	1011
1,2,4-Trimethylbenzene	ND	ug/kg	5		1	03/27/09	03/28/09 02:00	1011
n-Butylbenzene	ND	ug/kg	5		1	03/27/09	03/28/09 02:00	1011
1,2-Dibromo-3-Chloropropane	ND	ug/kg	42		1	03/27/09	03/28/09 02:00	1011

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Sample ID: SB-7 4-5 | **Date/Time Sampled: 03/26/2009 16:50** | **PSS Sample ID: 9032702-005**
Matrix: SOIL | **Date/Time Received: 03/27/2009 09:15** | **% Solids: 85**

TCL Semivolatile Organic Compounds | Analytical Method: SW846 8270C | Preparation Method: SW846 3550

	Result	Units	Rep Limit	Flag	Dil	Prepared	Analyzed	Analyst
Acenaphthene	ND	ug/kg	200		1	03/31/09	04/01/09 13:42	1014
Acenaphthylene	ND	ug/kg	200		1	03/31/09	04/01/09 13:42	1014
Anthracene	ND	ug/kg	200		1	03/31/09	04/01/09 13:42	1014
Benzo(a)anthracene	**260**	ug/kg	200		1	03/31/09	04/01/09 13:42	1014
Benzo(a)pyrene	**250**	ug/kg	27		1	03/31/09	04/01/09 13:42	1014
Benzo(b)fluoranthene	**270**	ug/kg	200		1	03/31/09	04/01/09 13:42	1014
Benzo(g,h,i)perylene	**250**	ug/kg	200		1	03/31/09	04/01/09 13:42	1014
Benzo(k)fluoranthene	**200**	ug/kg	200		1	03/31/09	04/01/09 13:42	1014
bis(2-chloroethyl) ether	ND	ug/kg	200		1	03/31/09	04/01/09 13:42	1014
bis(2-chloroisopropyl) ether	ND	ug/kg	200		1	03/31/09	04/01/09 13:42	1014
bis(2-ethylhexyl) phthalate	ND	ug/kg	200		1	03/31/09	04/01/09 13:42	1014
Di-n-butyl phthalate	ND	ug/kg	390		1	03/31/09	04/01/09 13:42	1014
Carbazole	ND	ug/kg	200		1	03/31/09	04/01/09 13:42	1014
4-Chloroaniline	ND	ug/kg	390		1	03/31/09	04/01/09 13:42	1014
2-Chloronaphthalene	ND	ug/kg	200		1	03/31/09	04/01/09 13:42	1014
2-Chlorophenol	ND	ug/kg	200		1	03/31/09	04/01/09 13:42	1014
Chrysene	**270**	ug/kg	200		1	03/31/09	04/01/09 13:42	1014
Dibenz(a,h)Anthracene	**100**	ug/kg	27		1	03/31/09	04/01/09 13:42	1014
Dibenzofuran	ND	ug/kg	200		1	03/31/09	04/01/09 13:42	1014
1,2-Dichlorobenzene	ND	ug/kg	200		1	03/31/09	04/01/09 13:42	1014
1,3-Dichlorobenzene	ND	ug/kg	200		1	03/31/09	04/01/09 13:42	1014
1,4-Dichlorobenzene	ND	ug/kg	200		1	03/31/09	04/01/09 13:42	1014
3,3-Dichlorobenzidine	ND	ug/kg	200		1	03/31/09	04/01/09 13:42	1014
2,4-Dichlorophenol	ND	ug/kg	200		1	03/31/09	04/01/09 13:42	1014
Diethyl phthalate	ND	ug/kg	200		1	03/31/09	04/01/09 13:42	1014
2,4-Dimethylphenol	ND	ug/kg	200		1	03/31/09	04/01/09 13:42	1014
2,4-Dinitrophenol	ND	ug/kg	390		1	03/31/09	04/01/09 13:42	1014
2,4-Dinitrotoluene	ND	ug/kg	200		1	03/31/09	04/01/09 13:42	1014
2,6-Dinitrotoluene	ND	ug/kg	200		1	03/31/09	04/01/09 13:42	1014
Fluoranthene	**300**	ug/kg	200		1	03/31/09	04/01/09 13:42	1014

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PHASE SEPARATION SCIENCE, INC.

CERTIFICATE OF ANALYSIS

No: 9032702

A2Z Environmental Group, Baltimore, MD

April 6, 2009

Project Name: Arc Environmental
Project Location: Lot J

Sample ID: SB-7 4-5 | **Date/Time Sampled: 03/26/2009 16:50** | **PSS Sample ID: 9032702-005**
Matrix: SOIL | **Date/Time Received: 03/27/2009 09:15** | **% Solids: 85**

TCL Semivolatile Organic Compounds | Analytical Method: SW846 8270C | Preparation Method: SW846 3550

	Result	Units	Rep Limit	Flag	Dil	Prepared	Analyzed	Analyst
Fluorene	ND	ug/kg	200		1	03/31/09	04/01/09 13:42	1014
Hexachlorobenzene	ND	ug/kg	200		1	03/31/09	04/01/09 13:42	1014
Hexachlorobutadiene	ND	ug/kg	200		1	03/31/09	04/01/09 13:42	1014
Hexachlorocyclopentadiene	ND	ug/kg	200		1	03/31/09	04/01/09 13:42	1014
Hexachloroethane	ND	ug/kg	200		1	03/31/09	04/01/09 13:42	1014
Indeno(1,2,3-c,d)Pyrene	**170**	ug/kg	200	J	1	03/31/09	04/01/09 13:42	1014
Isophorone	ND	ug/kg	200		1	03/31/09	04/01/09 13:42	1014
2-Methylnaphthalene	ND	ug/kg	200		1	03/31/09	04/01/09 13:42	1014
2-Methyl phenol	ND	ug/kg	200		1	03/31/09	04/01/09 13:42	1014
3&4-Methylphenol	ND	ug/kg	200		1	03/31/09	04/01/09 13:42	1014
Naphthalene	ND	ug/kg	200		1	03/31/09	04/01/09 13:42	1014
Nitrobenzene	ND	ug/kg	200		1	03/31/09	04/01/09 13:42	1014
N-Nitrosodi-n-propyl amine	ND	ug/kg	78		1	03/31/09	04/01/09 13:42	1014
N-Nitrosodiphenylamine	ND	ug/kg	200		1	03/31/09	04/01/09 13:42	1014
Pentachlorophenol	ND	ug/kg	390		1	03/31/09	04/01/09 13:42	1014
Phenanthrene	**240**	ug/kg	200		1	03/31/09	04/01/09 13:42	1014
Phenol	ND	ug/kg	200		1	03/31/09	04/01/09 13:42	1014
Pyrene	**870**	ug/kg	200		1	03/31/09	04/01/09 13:42	1014
Bis(2-ethylhexyl)adipate	ND	ug/kg	200		1	03/31/09	04/01/09 13:42	1014
1,2,4-Trichlorobenzene	ND	ug/kg	200		1	03/31/09	04/01/09 13:42	1014
2,4,6-Trichlorophenol	ND	ug/kg	200		1	03/31/09	04/01/09 13:42	1014
2,4,5-Trichlorophenol	ND	ug/kg	200		1	03/31/09	04/01/09 13:42	1014

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PHASE SEPARATION SCIENCE, INC.

CERTIFICATE OF ANALYSIS

No: 9032702

A2Z Environmental Group, Baltimore, MD

April 6, 2009

Project Name: Arc Environmental
Project Location: Lot J

Sample ID: SB-8 0-1	**Date/Time Sampled: 03/26/2009 17:40**	**PSS Sample ID: 9032702-006**
Matrix: SOIL	**Date/Time Received: 03/27/2009 09:15**	**% Solids: 89**

PP MDE Metals — Analytical Method: SW846 6020A — Preparation Method: SW846 3050B

	Result	Units	Rep Limit	Flag	Dil	Prepared	Analyzed	Analyst
Antimony	**1.3**	mg/kg	2.6	J	1	03/30/09	03/31/09 18:52	1034
Arsenic	**4.4**	mg/kg	0.3		1	03/30/09	03/31/09 18:52	1034
Beryllium	ND	mg/kg	2.6		1	03/30/09	03/31/09 18:52	1034
Cadmium	ND	mg/kg	2.6		1	03/30/09	03/31/09 18:52	1034
Chromium	**22**	mg/kg	2.6		1	03/30/09	03/31/09 18:52	1034
Copper	**54**	mg/kg	2.6		1	03/30/09	03/31/09 18:52	1034
Lead	**130**	mg/kg	2.6		1	03/30/09	03/31/09 18:52	1034
Mercury	**0.21**	mg/kg	0.1		1	03/30/09	04/01/09 14:04	1034
Nickel	**14**	mg/kg	2.6		1	03/30/09	03/31/09 18:52	1034
Selenium	ND	mg/kg	2.6		1	03/30/09	03/31/09 18:52	1034
Silver	ND	mg/kg	2.6		1	03/30/09	03/31/09 18:52	1034
Thallium	ND	mg/kg	2.1		1	03/30/09	03/31/09 18:52	1034
Zinc	**83**	mg/kg	10		1	03/30/09	03/31/09 18:52	1034

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CERTIFICATE OF ANALYSIS

No: 9032702

A2Z Environmental Group, Baltimore, MD

April 6, 2009

Project Name: Arc Environmental
Project Location: Lot J

Sample ID: SB-8 0-1 | **Date/Time Sampled: 03/26/2009 17:40** | **PSS Sample ID: 9032702-006**
Matrix: SOIL | **Date/Time Received: 03/27/2009 09:15** | **% Solids: 89**

VCP Organochlorine Pesticides | Analytical Method: SW846 8081B | Preparation Method: SW846 3550

	Result	Units	Rep Limit	Flag	Dil	Prepared	Analyzed	Analyst
4,4-DDD	ND	ug/kg	22		1	03/31/09	04/01/09 20:30	1029
4,4-DDE	ND	ug/kg	22		1	03/31/09	04/01/09 20:30	1029
4,4-DDT	ND	ug/kg	22		1	03/31/09	04/01/09 20:30	1029
Aldrin	ND	ug/kg	22		1	03/31/09	04/01/09 20:30	1029
alpha-BHC	ND	ug/kg	22		1	03/31/09	04/01/09 20:30	1029
alpha-Chlordane	**16**	ug/kg	22	J	1	03/31/09	04/01/09 20:30	1029
beta-BHC	ND	ug/kg	22		1	03/31/09	04/01/09 20:30	1029
delta-BHC	ND	ug/kg	22		1	03/31/09	04/01/09 20:30	1029
Dieldrin	ND	ug/kg	22		1	03/31/09	04/01/09 20:30	1029
Endosulfan I	ND	ug/kg	22		1	03/31/09	04/01/09 20:30	1029
Endosulfan II	ND	ug/kg	22		1	03/31/09	04/01/09 20:30	1029
Endosulfan sulfate	ND	ug/kg	22		1	03/31/09	04/01/09 20:30	1029
Endrin	ND	ug/kg	22		1	03/31/09	04/01/09 20:30	1029
Endrin aldehyde	ND	ug/kg	22		1	03/31/09	04/01/09 20:30	1029
Endrin ketone	ND	ug/kg	22		1	03/31/09	04/01/09 20:30	1029
gamma-BHC (Lindane)	ND	ug/kg	22		1	03/31/09	04/01/09 20:30	1029
gamma-Chlordane	**13**	ug/kg	22	J	1	03/31/09	04/01/09 20:30	1029
Heptachlor	ND	ug/kg	22		1	03/31/09	04/01/09 20:30	1029
Heptachlor epoxide	ND	ug/kg	22		1	03/31/09	04/01/09 20:30	1029
Methoxychlor	ND	ug/kg	22		1	03/31/09	04/01/09 20:30	1029
Toxaphene	ND	ug/kg	220		1	03/31/09	04/01/09 20:30	1029

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CERTIFICATE OF ANALYSIS

No: 9032702

A2Z Environmental Group, Baltimore, MD

April 6, 2009

Project Name: Arc Environmental
Project Location: Lot J

Sample ID: SB-8 0-1 | **Date/Time Sampled: 03/26/2009 17:40** | **PSS Sample ID: 9032702-006**
Matrix: SOIL | **Date/Time Received: 03/27/2009 09:15** | **% Solids: 89**

Polychlorinated Biphenyls

Analytical Method: SW846 8082A
Preparation Method: SW846 3550
Clean up Method: SW846 3665A

	Result	Units	Rep Limit	Flag	Dil	Prepared	Analyzed	Analyst
PCB-1016	ND	mg/kg	0.1		1	03/30/09	03/31/09 11:39	1029
PCB-1221	ND	mg/kg	0.1		1	03/30/09	03/31/09 11:39	1029
PCB-1232	ND	mg/kg	0.1		1	03/30/09	03/31/09 11:39	1029
PCB-1242	ND	mg/kg	0.1		1	03/30/09	03/31/09 11:39	1029
PCB-1248	ND	mg/kg	0.1		1	03/30/09	03/31/09 11:39	1029
PCB-1254	ND	mg/kg	0.1		1	03/30/09	03/31/09 11:39	1029
PCB-1260	**0.2**	mg/kg	0.1		1	03/30/09	03/31/09 11:39	1029

VCP Chlorinated Herbicides

Analytical Method: SW846 8151A

	Result	Units	Rep Limit	Flag	Dil	Prepared	Analyzed	Analyst
Dalapon	ND	ug/kg	550		1	03/31/09	04/02/09 22:31	1029
2,4-D	ND	ug/kg	220		1	03/31/09	04/02/09 22:31	1029
2,4,5-TP (Silvex)	ND	ug/kg	22		1	03/31/09	04/02/09 22:31	1029
Dinoseb	ND	ug/kg	110		1	03/31/09	04/02/09 22:31	1029

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No: 9032702

A2Z Environmental Group, Baltimore, MD

April 6, 2009

Project Name: Arc Environmental
Project Location: Lot J

Sample ID: SB-8 0-1 | **Date/Time Sampled: 03/26/2009 17:40** | **PSS Sample ID: 9032702-006**
Matrix: SOIL | **Date/Time Received: 03/27/2009 09:15** | **% Solids: 89**

TCL Semivolatile Organic Compounds | Analytical Method: SW846 8270C | Preparation Method: SW846 3550

	Result	Units	Rep Limit	Flag	Dil	Prepared	Analyzed	Analyst
Acenaphthene	ND	ug/kg	190		1	03/31/09	04/01/09 14:39	1014
Acenaphthylene	ND	ug/kg	190		1	03/31/09	04/01/09 14:39	1014
Anthracene	ND	ug/kg	190		1	03/31/09	04/01/09 14:39	1014
Benzo(a)anthracene	**360**	ug/kg	190		1	03/31/09	04/01/09 14:39	1014
Benzo(a)pyrene	**390**	ug/kg	26		1	03/31/09	04/01/09 14:39	1014
Benzo(b)fluoranthene	**340**	ug/kg	190		1	03/31/09	04/01/09 14:39	1014
Benzo(g,h,i)perylene	**250**	ug/kg	190		1	03/31/09	04/01/09 14:39	1014
Benzo(k)fluoranthene	**340**	ug/kg	190		1	03/31/09	04/01/09 14:39	1014
bis(2-chloroethyl) ether	ND	ug/kg	190		1	03/31/09	04/01/09 14:39	1014
bis(2-chloroisopropyl) ether	ND	ug/kg	190		1	03/31/09	04/01/09 14:39	1014
bis(2-ethylhexyl) phthalate	**5,600**	ug/kg	1,900		10	03/31/09	04/02/09 16:29	1014
Di-n-butyl phthalate	ND	ug/kg	370		1	03/31/09	04/01/09 14:39	1014
Carbazole	ND	ug/kg	190		1	03/31/09	04/01/09 14:39	1014
4-Chloroaniline	ND	ug/kg	370		1	03/31/09	04/01/09 14:39	1014
2-Chloronaphthalene	ND	ug/kg	190		1	03/31/09	04/01/09 14:39	1014
2-Chlorophenol	ND	ug/kg	190		1	03/31/09	04/01/09 14:39	1014
Chrysene	**420**	ug/kg	190		1	03/31/09	04/01/09 14:39	1014
Dibenz(a,h)Anthracene	ND	ug/kg	26		1	03/31/09	04/01/09 14:39	1014
Dibenzofuran	ND	ug/kg	190		1	03/31/09	04/01/09 14:39	1014
1,2-Dichlorobenzene	ND	ug/kg	190		1	03/31/09	04/01/09 14:39	1014
1,3-Dichlorobenzene	ND	ug/kg	190		1	03/31/09	04/01/09 14:39	1014
1,4-Dichlorobenzene	ND	ug/kg	190		1	03/31/09	04/01/09 14:39	1014
3,3-Dichlorobenzidine	ND	ug/kg	190		1	03/31/09	04/01/09 14:39	1014
2,4-Dichlorophenol	ND	ug/kg	190		1	03/31/09	04/01/09 14:39	1014
Diethyl phthalate	ND	ug/kg	190		1	03/31/09	04/01/09 14:39	1014
2,4-Dimethylphenol	ND	ug/kg	190		1	03/31/09	04/01/09 14:39	1014
2,4-Dinitrophenol	ND	ug/kg	370		1	03/31/09	04/01/09 14:39	1014
2,4-Dinitrotoluene	ND	ug/kg	190		1	03/31/09	04/01/09 14:39	1014
2,6-Dinitrotoluene	ND	ug/kg	190		1	03/31/09	04/01/09 14:39	1014
Fluoranthene	**300**	ug/kg	190		1	03/31/09	04/01/09 14:39	1014

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PHASE SEPARATION SCIENCE, INC.

CERTIFICATE OF ANALYSIS

No: 9032702

A2Z Environmental Group, Baltimore, MD

April 6, 2009

Project Name: Arc Environmental
Project Location: Lot J

Sample ID: SB-8 0-1 | **Date/Time Sampled: 03/26/2009 17:40** | **PSS Sample ID: 9032702-006**
Matrix: SOIL | **Date/Time Received: 03/27/2009 09:15** | **% Solids: 89**

TCL Semivolatile Organic Compounds | Analytical Method: SW846 8270C | Preparation Method: SW846 3550

	Result	Units	Rep Limit	Flag	Dil	Prepared	Analyzed	Analyst
Fluorene	ND	ug/kg	190		1	03/31/09	04/01/09 14:39	1014
Hexachlorobenzene	ND	ug/kg	190		1	03/31/09	04/01/09 14:39	1014
Hexachlorobutadiene	ND	ug/kg	190		1	03/31/09	04/01/09 14:39	1014
Hexachlorocyclopentadiene	ND	ug/kg	190		1	03/31/09	04/01/09 14:39	1014
Hexachloroethane	ND	ug/kg	190		1	03/31/09	04/01/09 14:39	1014
Indeno(1,2,3-c,d)Pyrene	**260**	ug/kg	190		1	03/31/09	04/01/09 14:39	1014
Isophorone	ND	ug/kg	190		1	03/31/09	04/01/09 14:39	1014
2-Methylnaphthalene	ND	ug/kg	190		1	03/31/09	04/01/09 14:39	1014
2-Methyl phenol	ND	ug/kg	190		1	03/31/09	04/01/09 14:39	1014
3&4-Methylphenol	ND	ug/kg	190		1	03/31/09	04/01/09 14:39	1014
Naphthalene	ND	ug/kg	190		1	03/31/09	04/01/09 14:39	1014
Nitrobenzene	ND	ug/kg	190		1	03/31/09	04/01/09 14:39	1014
N-Nitrosodi-n-propyl amine	ND	ug/kg	74		1	03/31/09	04/01/09 14:39	1014
N-Nitrosodiphenylamine	ND	ug/kg	190		1	03/31/09	04/01/09 14:39	1014
Pentachlorophenol	ND	ug/kg	370		1	03/31/09	04/01/09 14:39	1014
Phenanthrene	**390**	ug/kg	190		1	03/31/09	04/01/09 14:39	1014
Phenol	ND	ug/kg	190		1	03/31/09	04/01/09 14:39	1014
Pyrene	**1,500**	ug/kg	190		1	03/31/09	04/01/09 14:39	1014
Bis(2-ethylhexyl)adipate	ND	ug/kg	190		1	03/31/09	04/01/09 14:39	1014
1,2,4-Trichlorobenzene	ND	ug/kg	190		1	03/31/09	04/01/09 14:39	1014
2,4,6-Trichlorophenol	ND	ug/kg	190		1	03/31/09	04/01/09 14:39	1014
2,4,5-Trichlorophenol	ND	ug/kg	190		1	03/31/09	04/01/09 14:39	1014

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CERTIFICATE OF ANALYSIS

No: 9032702

A2Z Environmental Group, Baltimore, MD

April 6, 2009

Project Name: Arc Environmental
Project Location: Lot J

Sample ID: SB-8 4-5 | **Date/Time Sampled: 03/26/2009 17:50** | **PSS Sample ID: 9032702-007**
Matrix: SOIL | **Date/Time Received: 03/27/2009 09:15** | **% Solids: 83**

PP MDE Metals — Analytical Method: SW846 6020A — Preparation Method: SW846 3050B

	Result	Units	Rep Limit	Flag	Dil	Prepared	Analyzed	Analyst
Antimony	ND	mg/kg	2.5		1	03/30/09	03/31/09 18:58	1034
Arsenic	**3.0**	mg/kg	0.2		1	03/30/09	03/31/09 18:58	1034
Beryllium	ND	mg/kg	2.5		1	03/30/09	03/31/09 18:58	1034
Cadmium	ND	mg/kg	2.5		1	03/30/09	03/31/09 18:58	1034
Chromium	**52**	mg/kg	2.5		1	03/30/09	03/31/09 18:58	1034
Copper	**29**	mg/kg	2.5		1	03/30/09	03/31/09 18:58	1034
Lead	**64**	mg/kg	2.5		1	03/30/09	03/31/09 18:58	1034
Mercury	**0.11**	mg/kg	0.1		1	03/30/09	04/01/09 14:11	1034
Nickel	**17**	mg/kg	2.5		1	03/30/09	03/31/09 18:58	1034
Selenium	ND	mg/kg	2.5		1	03/30/09	03/31/09 18:58	1034
Silver	ND	mg/kg	2.5		1	03/30/09	03/31/09 18:58	1034
Thallium	ND	mg/kg	2.0		1	03/30/09	03/31/09 18:58	1034
Zinc	**40**	mg/kg	9.8		1	03/30/09	03/31/09 18:58	1034

Total Petroleum Hydrocarbons - DRO — Analytical Method: SW846 8015C — Preparation Method: SW846 3550

	Result	Units	Rep Limit	Flag	Dil	Prepared	Analyzed	Analyst
TPH-DRO (Diesel Range Organics)	**6.9**	mg/kg	12	J	1	03/30/09	03/31/09 10:26	1040

Total Petroleum Hydrocarbons-GRO — Analytical Method: SW846 8015C — Preparation Method: SW846 5030

	Result	Units	Rep Limit	Flag	Dil	Prepared	Analyzed	Analyst
TPH-GRO (Gasoline Range Organics)	ND	ug/kg	120		1	03/27/09	03/28/09 02:49	1035

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CERTIFICATE OF ANALYSIS

No: 9032702

A2Z Environmental Group, Baltimore, MD

April 6, 2009

Project Name: Arc Environmental
Project Location: Lot J

Sample ID: SB-8 4-5 | **Date/Time Sampled: 03/26/2009 17:50** | **PSS Sample ID: 9032702-007**
Matrix: SOIL | **Date/Time Received: 03/27/2009 09:15** | **% Solids: 83**

VCP Organochlorine Pesticides — Analytical Method: SW846 8081B — Preparation Method: SW846 3550

	Result	Units	Rep Limit	Flag	Dil	Prepared	Analyzed	Analyst
4,4-DDD	ND	ug/kg	23		1	03/31/09	04/01/09 15:21	1029
4,4-DDE	ND	ug/kg	23		1	03/31/09	04/01/09 15:21	1029
4,4-DDT	ND	ug/kg	23		1	03/31/09	04/01/09 15:21	1029
Aldrin	ND	ug/kg	23		1	03/31/09	04/01/09 15:21	1029
alpha-BHC	ND	ug/kg	23		1	03/31/09	04/01/09 15:21	1029
alpha-Chlordane	ND	ug/kg	23		1	03/31/09	04/01/09 15:21	1029
beta-BHC	ND	ug/kg	23		1	03/31/09	04/01/09 15:21	1029
delta-BHC	ND	ug/kg	23		1	03/31/09	04/01/09 15:21	1029
Dieldrin	ND	ug/kg	23		1	03/31/09	04/01/09 15:21	1029
Endosulfan I	ND	ug/kg	23		1	03/31/09	04/01/09 15:21	1029
Endosulfan II	ND	ug/kg	23		1	03/31/09	04/01/09 15:21	1029
Endosulfan sulfate	ND	ug/kg	23		1	03/31/09	04/01/09 15:21	1029
Endrin	ND	ug/kg	23		1	03/31/09	04/01/09 15:21	1029
Endrin aldehyde	ND	ug/kg	23		1	03/31/09	04/01/09 15:21	1029
Endrin ketone	ND	ug/kg	23		1	03/31/09	04/01/09 15:21	1029
gamma-BHC (Lindane)	ND	ug/kg	23		1	03/31/09	04/01/09 15:21	1029
gamma-Chlordane	ND	ug/kg	23		1	03/31/09	04/01/09 15:21	1029
Heptachlor	ND	ug/kg	23		1	03/31/09	04/01/09 15:21	1029
Heptachlor epoxide	ND	ug/kg	23		1	03/31/09	04/01/09 15:21	1029
Methoxychlor	ND	ug/kg	23		1	03/31/09	04/01/09 15:21	1029
Toxaphene	ND	ug/kg	230		1	03/31/09	04/01/09 15:21	1029

VCP Chlorinated Herbicides — Analytical Method: SW846 8151A

	Result	Units	Rep Limit	Flag	Dil	Prepared	Analyzed	Analyst
Dalapon	ND	ug/kg	590		1	03/31/09	04/02/09 23:05	1029
2,4-D	ND	ug/kg	240		1	03/31/09	04/02/09 23:05	1029
2,4,5-TP (Silvex)	ND	ug/kg	24		1	03/31/09	04/02/09 23:05	1029
Dinoseb	ND	ug/kg	120		1	03/31/09	04/02/09 23:05	1029

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PHASE SEPARATION SCIENCE, INC.

CERTIFICATE OF ANALYSIS

No: 9032702

A2Z Environmental Group, Baltimore, MD

April 6, 2009

Project Name: Arc Environmental
Project Location: Lot J

Sample ID: SB-8 4-5 | **Date/Time Sampled: 03/26/2009 17:50** | **PSS Sample ID: 9032702-007**
Matrix: SOIL | **Date/Time Received: 03/27/2009 09:15** | **% Solids: 83**

TCL Volatile Organic Compounds | Analytical Method: SW846 8260B | Preparation Method: SW846 5035A

	Result	Units	Rep Limit	Flag	Dil	Prepared	Analyzed	Analyst
Chloromethane	ND	ug/kg	5		1	03/27/09	03/27/09 15:29	1011
Vinyl Chloride	ND	ug/kg	5		1	03/27/09	03/27/09 15:29	1011
Bromomethane	ND	ug/kg	5		1	03/27/09	03/27/09 15:29	1011
Chloroethane	ND	ug/kg	5		1	03/27/09	03/27/09 15:29	1011
Acetone	ND	ug/kg	21		1	03/27/09	03/27/09 15:29	1011
1,1-Dichloroethene	ND	ug/kg	5		1	03/27/09	03/27/09 15:29	1011
Methylene Chloride	ND	ug/kg	5		1	03/27/09	03/27/09 15:29	1011
trans-1,2-Dichloroethene	ND	ug/kg	5		1	03/27/09	03/27/09 15:29	1011
Methyl-t-butyl ether	ND	ug/kg	5		1	03/27/09	03/27/09 15:29	1011
1,1-Dichloroethane	ND	ug/kg	5		1	03/27/09	03/27/09 15:29	1011
2-Butanone	ND	ug/kg	21		1	03/27/09	03/27/09 15:29	1011
cis-1,2-Dichloroethene	ND	ug/kg	5		1	03/27/09	03/27/09 15:29	1011
Chloroform	ND	ug/kg	5		1	03/27/09	03/27/09 15:29	1011
1,1,1-Trichloroethane	ND	ug/kg	5		1	03/27/09	03/27/09 15:29	1011
1,2-Dichloroethane	ND	ug/kg	5		1	03/27/09	03/27/09 15:29	1011
Carbon Tetrachloride	ND	ug/kg	5		1	03/27/09	03/27/09 15:29	1011
Benzene	ND	ug/kg	5		1	03/27/09	03/27/09 15:29	1011
1,2-Dichloropropane	ND	ug/kg	5		1	03/27/09	03/27/09 15:29	1011
Carbon Disulfide	ND	ug/kg	11		1	03/27/09	03/27/09 15:29	1011
Trichloroethene	ND	ug/kg	5		1	03/27/09	03/27/09 15:29	1011
Bromodichloromethane	ND	ug/kg	5		1	03/27/09	03/27/09 15:29	1011
cis-1,3-Dichloropropene	ND	ug/kg	5		1	03/27/09	03/27/09 15:29	1011
4-Methyl-2-Pentanone	ND	ug/kg	21		1	03/27/09	03/27/09 15:29	1011
trans-1,3-Dichloropropene	ND	ug/kg	5		1	03/27/09	03/27/09 15:29	1011
1,1,2-Trichloroethane	ND	ug/kg	5		1	03/27/09	03/27/09 15:29	1011
Toluene	ND	ug/kg	5		1	03/27/09	03/27/09 15:29	1011
1,2-Dibromoethane	ND	ug/kg	5		1	03/27/09	03/27/09 15:29	1011
Dibromochloromethane	ND	ug/kg	5		1	03/27/09	03/27/09 15:29	1011
Bromoform	ND	ug/kg	5		1	03/27/09	03/27/09 15:29	1011
Tetrachloroethene	ND	ug/kg	5		1	03/27/09	03/27/09 15:29	1011

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PHASE SEPARATION SCIENCE, INC.

CERTIFICATE OF ANALYSIS

No: 9032702

A2Z Environmental Group, Baltimore, MD

April 6, 2009

Project Name: Arc Environmental
Project Location: Lot J

Sample ID: SB-8 4-5	**Date/Time Sampled: 03/26/2009 17:50**	**PSS Sample ID: 9032702-007**
Matrix: SOIL	**Date/Time Received: 03/27/2009 09:15**	**% Solids: 83**

TCL Volatile Organic Compounds — Analytical Method: SW846 8260B — Preparation Method: SW846 5035A

	Result	Units	Rep Limit	Flag	Dil	Prepared	Analyzed	Analyst
Chlorobenzene	ND	ug/kg	5		1	03/27/09	03/27/09 15:29	1011
Ethylbenzene	ND	ug/kg	5		1	03/27/09	03/27/09 15:29	1011
m,p-Xylenes	ND	ug/kg	11		1	03/27/09	03/27/09 15:29	1011
Styrene	ND	ug/kg	5		1	03/27/09	03/27/09 15:29	1011
1,1,2,2-Tetrachloroethane	ND	ug/kg	5		1	03/27/09	03/27/09 15:29	1011
o-Xylene	ND	ug/kg	5		1	03/27/09	03/27/09 15:29	1011
Isopropylbenzene	ND	ug/kg	5		1	03/27/09	03/27/09 15:29	1011
n-Propylbenzene	ND	ug/kg	5		1	03/27/09	03/27/09 15:29	1011
1,3,5-Trimethylbenzene	ND	ug/kg	5		1	03/27/09	03/27/09 15:29	1011
1,2,4-Trimethylbenzene	ND	ug/kg	5		1	03/27/09	03/27/09 15:29	1011
n-Butylbenzene	ND	ug/kg	5		1	03/27/09	03/27/09 15:29	1011
1,2-Dibromo-3-Chloropropane	ND	ug/kg	43		1	03/27/09	03/27/09 15:29	1011

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PHASE SEPARATION SCIENCE, INC.

CERTIFICATE OF ANALYSIS

No: 9032702

A2Z Environmental Group, Baltimore, MD

April 6, 2009

Project Name: Arc Environmental
Project Location: Lot J

Sample ID: SB-8 4-5 | **Date/Time Sampled: 03/26/2009 17:50** | **PSS Sample ID: 9032702-007**
Matrix: SOIL | **Date/Time Received: 03/27/2009 09:15** | **% Solids: 83**

TCL Semivolatile Organic Compounds | Analytical Method: SW846 8270C | Preparation Method: SW846 3550

	Result	Units	Rep Limit	Flag	Dil	Prepared	Analyzed	Analyst
Acenaphthene	ND	ug/kg	200		1	03/31/09	04/01/09 09:55	1014
Acenaphthylene	ND	ug/kg	200		1	03/31/09	04/01/09 09:55	1014
Anthracene	ND	ug/kg	200		1	03/31/09	04/01/09 09:55	1014
Benzo(a)anthracene	ND	ug/kg	200		1	03/31/09	04/01/09 09:55	1014
Benzo(a)pyrene	ND	ug/kg	28		1	03/31/09	04/01/09 09:55	1014
Benzo(b)fluoranthene	ND	ug/kg	200		1	03/31/09	04/01/09 09:55	1014
Benzo(g,h,i)perylene	ND	ug/kg	200		1	03/31/09	04/01/09 09:55	1014
Benzo(k)fluoranthene	ND	ug/kg	200		1	03/31/09	04/01/09 09:55	1014
bis(2-chloroethyl) ether	ND	ug/kg	200		1	03/31/09	04/01/09 09:55	1014
bis(2-chloroisopropyl) ether	ND	ug/kg	200		1	03/31/09	04/01/09 09:55	1014
bis(2-ethylhexyl) phthalate	ND	ug/kg	200		1	03/31/09	04/01/09 09:55	1014
Di-n-butyl phthalate	ND	ug/kg	400		1	03/31/09	04/01/09 09:55	1014
Carbazole	ND	ug/kg	200		1	03/31/09	04/01/09 09:55	1014
4-Chloroaniline	ND	ug/kg	400		1	03/31/09	04/01/09 09:55	1014
2-Chloronaphthalene	ND	ug/kg	200		1	03/31/09	04/01/09 09:55	1014
2-Chlorophenol	ND	ug/kg	200		1	03/31/09	04/01/09 09:55	1014
Chrysene	ND	ug/kg	200		1	03/31/09	04/01/09 09:55	1014
Dibenz(a,h)Anthracene	ND	ug/kg	28		1	03/31/09	04/01/09 09:55	1014
Dibenzofuran	ND	ug/kg	200		1	03/31/09	04/01/09 09:55	1014
1,2-Dichlorobenzene	ND	ug/kg	200		1	03/31/09	04/01/09 09:55	1014
1,3-Dichlorobenzene	ND	ug/kg	200		1	03/31/09	04/01/09 09:55	1014
1,4-Dichlorobenzene	ND	ug/kg	200		1	03/31/09	04/01/09 09:55	1014
3,3-Dichlorobenzidine	ND	ug/kg	200		1	03/31/09	04/01/09 09:55	1014
2,4-Dichlorophenol	ND	ug/kg	200		1	03/31/09	04/01/09 09:55	1014
Diethyl phthalate	ND	ug/kg	200		1	03/31/09	04/01/09 09:55	1014
2,4-Dimethylphenol	ND	ug/kg	200		1	03/31/09	04/01/09 09:55	1014
2,4-Dinitrophenol	ND	ug/kg	400		1	03/31/09	04/01/09 09:55	1014
2,4-Dinitrotoluene	ND	ug/kg	200		1	03/31/09	04/01/09 09:55	1014
2,6-Dinitrotoluene	ND	ug/kg	200		1	03/31/09	04/01/09 09:55	1014
Fluoranthene	ND	ug/kg	200		1	03/31/09	04/01/09 09:55	1014

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PHASE SEPARATION SCIENCE, INC.

CERTIFICATE OF ANALYSIS

No: 9032702

A2Z Environmental Group, Baltimore, MD

April 6, 2009

Project Name: Arc Environmental
Project Location: Lot J

Sample ID: SB-8 4-5	**Date/Time Sampled: 03/26/2009 17:50**	**PSS Sample ID: 9032702-007**
Matrix: SOIL	**Date/Time Received: 03/27/2009 09:15**	**% Solids: 83**

TCL Semivolatile Organic Compounds — Analytical Method: SW846 8270C — Preparation Method: SW846 3550

	Result	Units	Rep Limit	Flag	Dil	Prepared	Analyzed	Analyst
Fluorene	ND	ug/kg	200		1	03/31/09	04/01/09 09:55	1014
Hexachlorobenzene	ND	ug/kg	200		1	03/31/09	04/01/09 09:55	1014
Hexachlorobutadiene	ND	ug/kg	200		1	03/31/09	04/01/09 09:55	1014
Hexachlorocyclopentadiene	ND	ug/kg	200		1	03/31/09	04/01/09 09:55	1014
Hexachloroethane	ND	ug/kg	200		1	03/31/09	04/01/09 09:55	1014
Indeno(1,2,3-c,d)Pyrene	ND	ug/kg	200		1	03/31/09	04/01/09 09:55	1014
Isophorone	ND	ug/kg	200		1	03/31/09	04/01/09 09:55	1014
2-Methylnaphthalene	ND	ug/kg	200		1	03/31/09	04/01/09 09:55	1014
2-Methyl phenol	ND	ug/kg	200		1	03/31/09	04/01/09 09:55	1014
3&4-Methylphenol	ND	ug/kg	200		1	03/31/09	04/01/09 09:55	1014
Naphthalene	ND	ug/kg	200		1	03/31/09	04/01/09 09:55	1014
Nitrobenzene	ND	ug/kg	200		1	03/31/09	04/01/09 09:55	1014
N-Nitrosodi-n-propyl amine	ND	ug/kg	80		1	03/31/09	04/01/09 09:55	1014
N-Nitrosodiphenylamine	ND	ug/kg	200		1	03/31/09	04/01/09 09:55	1014
Pentachlorophenol	ND	ug/kg	400		1	03/31/09	04/01/09 09:55	1014
Phenanthrene	ND	ug/kg	200		1	03/31/09	04/01/09 09:55	1014
Phenol	ND	ug/kg	200		1	03/31/09	04/01/09 09:55	1014
Pyrene	ND	ug/kg	200		1	03/31/09	04/01/09 09:55	1014
Bis(2-ethylhexyl)adipate	ND	ug/kg	200		1	03/31/09	04/01/09 09:55	1014
1,2,4-Trichlorobenzene	ND	ug/kg	200		1	03/31/09	04/01/09 09:55	1014
2,4,6-Trichlorophenol	ND	ug/kg	200		1	03/31/09	04/01/09 09:55	1014
2,4,5-Trichlorophenol	ND	ug/kg	200		1	03/31/09	04/01/09 09:55	1014

SAMPLE CHAIN OF CUSTODY/AGREEMENT FORM

PHASE SEPARATION SCIENCE, INC.

www.phaseonline.com
email: info@phaseonline.com

(1) CLIENT: A2Z Environmental OFFICE LOC.
PROJECT MGR: K. McMahon PHONE NO.: ( )
EMAIL: FAX NO.: ( )
PROJECT NAME: Arc Environmental PROJECT NO.:
SITE LOCATION: Lot J P.O. NO.:
SAMPLERS: K. Christensen

PSS Work Order #: 9032702 PAGE 1 OF 1

Matrix Codes: **SW**=Surface Wtr **DW**=Drinking Wrt **GW**=Ground Wtr **WW**=Waste Wtr **O**=Oil **S**=Soil **WL**=Waste Liquid **WS**=Waste Solid **W**= Wipe

(2)

LAB NO.	SAMPLE IDENTIFICATION	DATE	TIME	MATRIX (See Codes)	No. CONTAINERS	SAMPLE TYPE C = COMP G = GRAB	Preservatives Used	(3) Analysis/ Method Required: VOCs	SVOCs	PDL Metals	Herbicides	Pesticides	TPH-DRO/GRO	PCBs	REMARKS
1	SB-9 0-1	3/26/09	13:15	S	3	G			✓	✓	✓	✓		✓	
2	SB-10 0-1		15:25	S	3	G		X	✓	✓	✓	✓	X	✓	no VOCs or TPH
3	SB-10 4-5		15:30	S	4	G		✓	✓	✓	✓	✓	✓		
4	SB-7 0-1		16:40	S	3	G			✓	✓	✓	✓		✓	
5	SB-7 4-5		16:50	S	4	G		✓	✓	✓	✓	✓	✓		
6	SB-8 0-1		17:40	S	3	G			✓	✓	✓	✓		✓	
7	SB-8 4-5	↓	17:50	S	4	G		✓	✓	✓	✓	✓	✓		

(5)

	Date	Time	Received By:
Relinquished By: (1) Kathy Christensen	3/26/09	1830	Ray Rodman's
Relinquished By: (2) Ray D. Rodman's	3/27/9	915A	
Relinquished By: (3)	Date	Time	Received By:
Relinquished By: (4)	Date	Time	Received By:

(4)

Requested Turnaround Time
☒ 5-Day ☐ 3-Day ☐ 2-Day
☐ Next Day ☐ Emergency ☐ Other

Data Deliverables Required:

# of Coolers: 2
Custody Seal: ABS
Ice Present: PRES Temp: 5°c
Shipping Carrier: CLIENT

Special Instructions:
VCP site
SB-10 0-1 : no VOC or TPH-DRO/GRO analysis

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Phase Separation Science, Inc

Sample Receipt Checklist

Wo Number	9032702	**Received By**	Rachel Davis
Client Name	A2Z Environmental Group	**Date Received**	03/27/2009 09:15:00 AM
Project Name	Arc Environmental	**Delivered By**	Client
Project Number	N/A	**Tracking No**	Not Applicable
Disposal Date:	05/01/2009	**Logged In By**	Rachel Davis

Shipping Container(s)

No of Coolers	1	Ice	Present
Custody Seals	Absent	Temp (deg C)	5
Seal Condition	None	Temp Blank Present	No

Documentation

COC agrees with sample labels? X Yes or ____ No

Chain of Custody (COC) X Yes or ____ No

Sample Container

Appropiate for Specified Analysis?	Yes X No ___	Custody Seal(s)	Yes ___ No X
Intact?	X ___	Custody Seal(s) Intact?	___ X
Labeled and Labels Legible	X ___	Seal(s) Signed / Dated	___ X
Total No of Samples Received	7	Total No of Containers Received	32

Preservation

		Yes	No	N/A
Metals	(pH<2)	___	___	X
Cyanides	(pH>12)	___	___	X
Sulfide	(pH>9)	___	___	X
TOC, COD, Phenols	(pH<2)	___	___	X
TOX, TKN, NH3, Total Phos	(pH<2)	___	___	X
VOC, BTEX (VOA Vials Rcvd Preserved)	(pH<2)	___	___	X
Do VOA vials have zero headspace?		___	___	___

Comments: (Any "No" response must be detailed in the comments section below.)

For any improper preservation conditions, list sample ID, preservative added (reagent ID number) below as well as documentation of any client notification as well as client instructions. Samples for pH, chlorine and dissolved oxygen should be analyzed as soon as possible, preferably in the field at the time of sampling

Samples Inspected/Checklist Completed By: R Davis Date: 3/27/9

PM Review and Approval: [illegible] Date: 3/27/09

03/27/2009 12.40 PM

Analytical Report for

Arc Environmental

Certificate of Analysis No.: 9040703

Project Manager: David Leety

Project Name : 1411 Warner Street

Project Location: Lot J

Project ID : 070-9

April 9, 2009

Phase Separation Science, Inc.

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Baltimore, MD 21228
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PHASE SEPARATION SCIENCE, INC.

April 9, 2009

David Leety
Arc Environmental
1311 Haubert Street
Baltimore, MD 21230

Reference: PSS Work Order No: **9040703**
Project Name : 1411 Warner Street
Project Location: Lot J
Project ID.: 070-9

Dear David Leety :

The attached Analytical and QC Summary lists the analytical results from the analyses performed on the samples received under the project name referenced above and identified with the Phase Separation Science (PSS) Work Order numbered **9040703**.

All work reported herein has been performed in accordance with referenced methodologies, PSS Standard Operating Procedures and the PSS Quality Assurance Manual. PSS is limited in liability to the actual cost of the sample analysis done.

PSS reserves the right to return any unused samples, extracts or related solutions. Otherwise, the samples are scheduled for disposal, without any further notice, on May 1, 2009. This includes any samples that were received with a request to be held but lacked a specific hold period. It is your responsibility to provide a written request defining a specific disposal date if additional storage is required. Upon receipt , the request will be acknowledged by PSS, thus extending the storage period.

This report shall not be reproduced except in full, without the written approval of an authorized PSS representative. A copy of this report will be retained by PSS for at least 10 years, after which time it will be disposed without further notice, unless prior arrangements have been made.

We thank you for selecting Phase Separation Science, Inc. to serve your analytical needs. If you have any questions concerning this report, do not hesitate to contact us at 410-747-8770 or info@phaseonline.com.

Albert Ellis
Director of Technical Services

Case Narrative Summary

Client Name: Arc Environmental

Project Name: 1411 Warner Street

Project ID: 070-9

Work Order Number: 9040703

The following samples were received under chain of custody by Phase Separation Science (PSS) on 03/27/2009 at 09:15 am

Lab Sample Id	Sample Id	Matrix	Date/Time Collected
9040703-001	SB-6 4-5	SOIL	03/26/2009 11:45 am
9040703-002	SB-3 4-5	SOIL	03/26/2009 04:10 pm
9040703-003	SB-2 0-1	SOIL	03/26/2009 05:10 pm

Please reference the Chain of Custody and Sample Receipt Checklist for specific container counts and preservatives. Any sample conditions not in compliance with sample acceptance criteria are described in the Sample Receipt Checklist.

Any holding time exceedances, deviations from the method specifications, regulatory requirements or variations to the procedures outlined in the PSS Quality Assurance Manual are outlined below.

Analyses associated with analyst code 4005 were performed by Enviro-Chem Laboratories, Inc.

Notes:

1. The presence of common laboratory contaminants such as acetone, methylene chloride and phthalates, may be considered a possible laboratory artifact. Where observed, appropriate consideration of data should be taken.
2. The following analytical results are never reported on a dry weight basis: pH, flashpoint, moisture and paint filter test.

Standard Flags/Abbreviations:

B A target analyte or common laboratory contaminant was identified in the method blank. Its presence indicates possible field or laboratory contamination.
C Results Pending Final Confirmation.
D The sample(s) were diluted due to targets detected over the highest point of the calibration curve, or due to matrix interference. Dilution factors are included in the final results. The result is from a diluted sample.
E The data exceeds the upper calibration limit; therefore, the concentration is reported as estimated.
J The target analyte was positively identified below the reporting limit but greater than one-half of the reporting limit.
ND Not Detected at or above the reporting limit.
RL Reporting Limit.
U Not detected.

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PHASE SEPARATION SCIENCE, INC.

CERTIFICATE OF ANALYSIS

No: 9040703
Arc Environmental, Baltimore, MD
April 9, 2009

Project Name: 1411 Warner Street
Project Location: Lot J
Project ID: 070-9

Sample ID: SB-6 4-5 **Date/Time Sampled: 03/26/2009 11:45** **PSS Sample ID: 9040703-001**
Matrix: SOIL **Date/Time Received: 03/27/2009 09:15**

Mercury Speciation Analysis — Analytical Method: SW846 3200

Results reported on an "as received" basis.

	Result	Units	Rep Limit	Flag	Dil	Prepared	Analyzed	Analyst
Non-Extractable Semi-Mobile Mercury	**0.510**	mg/kg	0.065		1	04/09/09	04/09/09 16:36	4005

Sample ID: SB-3 4-5 **Date/Time Sampled: 03/26/2009 16:10** **PSS Sample ID: 9040703-002**
Matrix: SOIL **Date/Time Received: 03/27/2009 09:15** **% Solids: 99**

Chromium, Hexavalent — Analytical Method: SW846 7196A

	Result	Units	Rep Limit	Flag	Dil	Prepared	Analyzed	Analyst
Chromium, Hexavalent	ND	mg/kg	10		5	04/08/09	04/08/09 15:46	1022

Sample ID: SB-2 0-1 **Date/Time Sampled: 03/26/2009 17:10** **PSS Sample ID: 9040703-003**
Matrix: SOIL **Date/Time Received: 03/27/2009 09:15** **% Solids: 99**

Chromium, Hexavalent — Analytical Method: SW846 7196A

	Result	Units	Rep Limit	Flag	Dil	Prepared	Analyzed	Analyst
Chromium, Hexavalent	ND	mg/kg	10		5	04/08/09	04/08/09 15:46	1022

SAMPLE CHAIN OF CUSTODY/AGREEMENT FORM

PHASE SEPARATION SCIENCE, INC. 9040703

www.phaseonline.com
email: info@phaseonline.com

(1) CLIENT: Arc Environmental OFFICE LOC.

PROJECT MGR: David Leedy PHONE NO.: (410) 659-9971

EMAIL: dleedy@arcenvironmental.com FAX NO.: (410) 962-1665

PROJECT NAME: 1411 Warner Street PROJECT NO.: 070-9

SITE LOCATION: Lot J P.O. NO.:

SAMPLERS: K Christensen

PSS Work Order #: 9032703 PAGE 1 OF 2

Matrix Codes: SW=Surface Wtr DW=Drinking Wtr GW=Ground Wtr WW=Waste Wtr O=Oil S=Soil WL=Waste Liquid WS=Waste Solid W= Wipe

(2)

LAB NO.	SAMPLE IDENTIFICATION	DATE	TIME	MATRIX (See Codes)	No. CONTAINERS	SAMPLE TYPE C = COMP G = GRAB	Preservatives Used	(3) Analysis/ Method Required: VOCs	SVOCs	PAL Metals	Herbicides	Pesticides	TPH-DRO/GRO	PCBs	REMARKS
1	SB-4 0-1	3/26/09	8:57	S	3	G			✓	✓	✓	✓		✓	
2	SB-4 4-5		8:55		4	G		✓	✓	✓	✓	✓	✓		
3	SB-1 0-1		9:40		3	G			✓	✓	✓	✓		✓	
4	SB-1 4-5		9:45		4	G		✓	✓	✓	✓	✓	✓		
5	SB-5 0-1		11:05		3	G			✓	✓	✓	✓		✓	
6	SB-5 4-5		11:10		4	G		✓	✓	✓	✓	✓	✓		
7	SB-6 0-1		11:40		3	G			✓	✓	✓	✓		✓	
8	SB-6 4-5		11:45		4	G		✓	✓	✓	✓	✓	✓		
~~9~~	~~SB-4 0-1~~		~~12:55~~		~~3~~	~~G~~			✓	✓	✓	✓		✓	

(1)

(5)

Relinquished By: (1)	Date	Time	Received By:
Kelly Christensen	3/26/09	1830	Gary D. Rodwin
Relinquished By: (2)	Date	Time	Received By:
Gary D. Rodwin	3/27/9	915A	
Relinquished By: (3)	Date	Time	Received By:
Relinquished By: (4)	Date	Time	Received By:

(4)

Requested Turnaround Time
☒ 5-Day ☐ 3-Day ☐ 2-Day
☐ Next Day ☐ Emergency ☐ Other

Data Deliverables Required:

# of Coolers: 1
Custody Seal: ABS
Ice Present: PRES Temp: 5°C
Shipping Carrier: CLIENT

Special Instructions:

VCP Site

6630 Baltimore National Pike • Route 40 West • Baltimore, Maryland 21228 • (410) 747-8770 • (800) 932-9047 • Fax (410) 788-8723

SAMPLE CHAIN OF CUSTODY/AGREEMENT FORM

PHASE SEPARATION SCIENCE, INC.

9040703

www.phaseonline.com
email: info@phaseonline.com

(1) CLIENT: Arc Environmental OFFICE LOC.
PROJECT MGR: D. Leahy PHONE NO.: (410) 659 9671
EMAIL: dleahy@arcenvironmental.com FAX NO.: ( )
PROJECT NAME: 1411 Warner Street PROJECT NO.: 070-9
SITE LOCATION: Lot J P.O. NO.:
SAMPLERS: K. Christensen

RSS Work Order #: 9032703 PAGE 2 OF 2

Matrix Codes: SW=Surface Wtr DW=Drinking Wrt GW=Ground Wtr WW=Waste Wtr O=Oil S=Soil WL=Waste Liquid WS=Waste Solid W=Wipe

(2)

LAB NO.	SAMPLE IDENTIFICATION	DATE	TIME	MATRIX (See Codes)	No. CONTAINERS	SAMPLE TYPE C=COMP G=GRAB	Preservatives Used	VOCs	SVOCs	PAL Metals	Herbicides	Asbestos	PCBs	TPH-DRO/GRO	REMARKS
9	SB-3 0-1	3/26/09	16:05	S	3	G			✓	✓	✓	✓	✓		
10	SB-3 4-5		16:10	S	4	G		✓	✓	✓	✓	✓		✓	
11	SB-2 0-1		17:10	S	3	G			✓	✓	✓	✓	✓		
12	SB-2 4-5		17:15	S	4	G		✓	✓	✓	✓	✓		✓	
13	Dup 0-1		12:00	S	3	G			✓	✓	✓	✓	✓		
14	Dup 4-5	↓	12:10	S	4	G		✓	✓	✓	✓	✓		✓	

(3) Analysis/Method Required

(5)

Relinquished By: (1)	Date	Time	Received By:
[signature]	3/26/09	1830	Ray D. Boodman
Relinquished By: (2)	Date	Time	Received By:
Ray D. Boodman	3/27/9	915A	[signature]
Relinquished By: (3)	Date	Time	Received By:
Relinquished By: (4)	Date	Time	Received By:

(4) **Requested Turnaround Time**
☒ 5-Day ☐ 3-Day ☐ 2-Day
☐ Next Day ☐ Emergency ☐ Other

Data Deliverables Required:

# of Coolers: 2
Custody Seal: ABS
Ice Present: PRES Temp: 5°c
Shipping Carrier: CLIENT

Special Instructions:
VCP site

6630 Baltimore National Pike • Route 40 West • Baltimore, Maryland 21228 • (410) 747-8770 • (800) 932-9047 • Fax (410) 788-8723

9040703

Amy

From: Katherine Christensen [KChristensen@arcenvironmental com]
Sent: Tuesday, April 07, 2009 9:26 AM
To: reporting@phaseonline com; info@phaseonline com
Cc: David Leety
Subject: RE: 1411 Warner St

Hello,

We need samples from Lot J-1411 Warner Street additionally analyzed for hexavalent chromium and inorganic elemental mercury:

SB-9 0-1 from Certificate 9032702 and SB-6 4-5 from Certificate 9032703 need to be analyzed for inorganic elemental mercury

SB-2 0-1 and SB-3 4-5 from Certificate 9032703 need to be analyzed for hexavalent chromium

We need to results by the morning of Friday, April 10, so please process on whatever turnaround that needs to be Also, charge all analysis to Arc Environmental

Thank you,

Kathy Christensen
Arc Environmental

From: David Leety
Sent: Monday, April 06, 2009 4:50 PM
To: Katherine Christensen
Subject: FW: 1411 Warner St.

From: Phase Reporting [mailto:reporting@phaseonline.com]
Sent: Monday, April 06, 2009 4:45 PM
To: David Leety
Subject: 1411 Warner St.

Phase Separation Science, Inc.
6630 Baltimore National Pike
Baltimore, MD 21228
Phone (410) 747-8770 *Fax* (410) 788-8723
www phaseonline com

A NELAP Accredited Laboratory PA#68-03330

Phase Separation Science, Inc

Sample Receipt Checklist

Wo Number	9040703	**Received By**	Rachel Davis
Client Name	Arc Environmental	**Date Received**	03/27/2009 09:15:00 AM
Project Name	1411 Warner Street	**Delivered By**	Client
Project Number	070-9	**Tracking No**	Not Applicable
Disposal Date:	05/01/2009	**Logged In By**	Rachel Davis

Shipping Container(s)

No of Coolers	1	Ice	Present
Custody Seals	Absent	Temp (deg C)	5
Seal Condition	None	Temp Blank Present	No

Documentation

COC agrees with sample labels? ____ Yes or ____ No

Chain of Custody (COC) ____ Yes or ____ No

Sample Container

Appropiate for Specified Analysis?	Yes___	No___	Custody Seal(s)	Yes___	No___
Intact?	____	____	Custody Seal(s) Intact?	____	____
Labeled and Labels Legible	____	____	Seal(s) Signed / Dated	____	____
Total No. of Samples Received	3		Total No. of Containers Received	3	

Preservation

		Yes	No	N/A
Metals	(pH<2)	____	____	____
Cyanides	(pH>12)	____	____	____
Sulfide	(pH>9)	____	____	____
TOC, COD, Phenols	(pH<2)	____	____	____
TOX, TKN, NH3, Total Phos	(pH<2)	____	____	____
VOC, BTEX (VOA Vials Rcvd Preserved)	(pH<2)	____	____	____
Do VOA vials have zero headspace?		____	____	____

Comments: (Any "No" response must be detailed in the comments section below.)

For any improper preservation conditions, list sample ID, preservative added (reagent ID number) below as well as documentation of any client notification as well as client instructions Samples for pH, chlorine and dissolved oxygen should be analyzed as soon as possible, preferably in the field at the time of sampling

*Refer to previous LID 9032703-008, 010, 011 and email attached -rd 4/7/09

Samples Inspected/Checklist Completed By: _____ Date: 4/7/9

PM Review and Approval: _____ Date: 4/7/09

04/07/2009 10 16 AM

Analytical Report for

Arc Environmental

Certificate of Analysis No.: 9040702

Project Manager: David Leety

Project Name : Arc Environmental

Project Location: Lot J

April 9, 2009

Phase Separation Science, Inc.

6630 Baltimore National Pike
Baltimore, MD 21228
Phone: (410) 747-8770
Fax: (410) 788-8723

OFFICES:
6630 BALTIMORE NATIONAL PIKE
ROUTE 40 WEST
BALTIMORE, MD 21228
410-747-8770
800-932-9047

PHASE SEPARATION SCIENCE, INC.

April 9, 2009

David Leety
Arc Environmental
1311 Haubert Street
Baltimore, MD 21230

Reference: PSS Work Order No: **9040702**
Project Name : Arc Environmental
Project Location: Lot J

Dear David Leety :

The attached Analytical and QC Summary lists the analytical results from the analyses performed on the samples received under the project name referenced above and identified with the Phase Separation Science (PSS) Work Order numbered **9040702**.

All work reported herein has been performed in accordance with referenced methodologies, PSS Standard Operating Procedures and the PSS Quality Assurance Manual. PSS is limited in liability to the actual cost of the sample analysis done.

PSS reserves the right to return any unused samples, extracts or related solutions. Otherwise, the samples are scheduled for disposal, without any further notice, on May 1, 2009. This includes any samples that were received with a request to be held but lacked a specific hold period. It is your responsibility to provide a written request defining a specific disposal date if additional storage is required. Upon receipt , the request will be acknowledged by PSS, thus extending the storage period.

This report shall not be reproduced except in full, without the written approval of an authorized PSS representative. A copy of this report will be retained by PSS for at least 10 years, after which time it will be disposed without further notice, unless prior arrangements have been made.

We thank you for selecting Phase Separation Science, Inc. to serve your analytical needs. If you have any questions concerning this report, do not hesitate to contact us at 410-747-8770 or info@phaseonline.com.

Albert Ellis
Director of Technical Services

Case Narrative Summary

Client Name: Arc Environmental

Project Name: Arc Environmental

Project ID: N/A

Work Order Number: 9040702

The following samples were received under chain of custody by Phase Separation Science (PSS) on 03/27/2009 at 09:15 am

Lab Sample Id	Sample Id	Matrix	Date/Time Collected
9040702-001	SB-9 0-1	SOIL	03/26/2009 01:15 pm

Please reference the Chain of Custody and Sample Receipt Checklist for specific container counts and preservatives. Any sample conditions not in compliance with sample acceptance criteria are described in the Sample Receipt Checklist.

Any holding time exceedances, deviations from the method specifications, regulatory requirements or variations to the procedures outlined in the PSS Quality Assurance Manual are outlined below.

Analyses associated with analyst code 4005 were performed by Enviro-Chem Laboratories, Inc.

Notes:

1. The presence of common laboratory contaminants such as acetone, methylene chloride and phthalates, may be considered a possible laboratory artifact. Where observed, appropriate consideration of data should be taken.
2. The following analytical results are never reported on a dry weight basis: pH, flashpoint, moisture and paint filter test.

Standard Flags/Abbreviations:

B A target analyte or common laboratory contaminant was identified in the method blank. Its presence indicates possible field or laboratory contamination.
C Results Pending Final Confirmation.
D The sample(s) were diluted due to targets detected over the highest point of the calibration curve, or due to matrix interference. Dilution factors are included in the final results. The result is from a diluted sample.
E The data exceeds the upper calibration limit; therefore, the concentration is reported as estimated.
J The target analyte was positively identified below the reporting limit but greater than one-half of the reporting limit.
ND Not Detected at or above the reporting limit.
RL Reporting Limit.
U Not detected.

OFFICES:
6630 BALTIMORE NATIONAL PIKE
ROUTE 40 WEST
BALTIMORE, MD 21228
410-747-8770
800-932-9047
FAX 410-788-8723

PHASE SEPARATION SCIENCE, INC.

CERTIFICATE OF ANALYSIS

No: 9040702

Arc Environmental, Baltimore, MD

April 9, 2009

Project Name: Arc Environmental
Project Location: Lot J

Sample ID: SB-9 0-1 **Date/Time Sampled: 03/26/2009 13:15** **PSS Sample ID: 9040702-001**
Matrix: SOIL **Date/Time Received: 03/27/2009 09:15**

Mercury Speciation Analysis — Analytical Method: SW846 3200

Mercury reported on a Percent Solids result of 90%.

	Result	Units	Rep Limit	Flag	Dil	Prepared	Analyzed	Analyst
Non-Extractable Semi-Mobile Mercury	**0.204**	mg/kg	0.071		1	04/09/09	04/09/09 16:33	4005

SAMPLE CHAIN OF CUSTODY/AGREEMENT FORM

PHASE SEPARATION SCIENCE, INC. 9040702

www.phaseonline.com
email: info@phaseonline.com

(1) CLIENT: A2Z Environmental OFFICE LOC.

PROJECT MGR: K. McMahon PHONE NO.: ( )

EMAIL: FAX NO.: ( )

PROJECT NAME: Arc Environmental PROJECT NO.:

SITE LOCATION: Lot J P.O. NO.:

SAMPLERS: K. Christensen

PSS Work Order#: 903127.02 PAGE 1 OF 1

Matrix Codes: SW=Surface Wtr DW=Drinking Wtr GW=Ground Wtr WW=Waste Wtr O=Oil S=Soil WL=Waste Liquid WS=Waste Solid W= Wipe

(2)

LAB NO.	SAMPLE IDENTIFICATION	DATE	TIME	MATRIX (See Codes)	No. CONTAINERS	SAMPLE TYPE C = COMP G = GRAB	VOCs	SVOCs	PDL Metals	Herbicides	Pesticides	TPH-DRO/GRO	PCBs	REMARKS
1	SB-9 0-1	3/26/09	13:15	S	3	G		✓	✓	✓	✓		✓	
2	SB-10 0-1		15:15	S	3	G	X	✓	✓	✓	✓	X	✓	no VOCs or TPH
3	SB-10 4-5		15:30	S	4	G	✓	✓	✓	✓	✓	✓		
4	SB-7 0-1		16:40	S	3	G		✓	✓	✓	✓		✓	
5	SB-7 4-5		16:50	S	4	G	✓	✓	✓	✓	✓	✓		
6	SB-8 0-1		17:40	S	3	G		✓	✓	✓	✓		✓	
7	SB-8 4-5	↓	17:50	S	4	G	✓	✓	✓	✓	✓	✓		

(1)

(5)

Relinquished By: (1)	Date	Time	Received By:
[signature]	3/26/09	1830	[signature]
Relinquished By: (2) [signature]	Date 3/27/9	Time 915A	Received By: [signature]
Relinquished By: (3)	Date	Time	Received By:
Relinquished By: (4)	Date	Time	Received By:

(4)

Requested Turnaround Time
☒ 5-Day ☐ 3-Day ☐ 2-Day
☐ Next Day ☐ Emergency ☐ Other

Data Deliverables Required:

# of Coolers: 2
Custody Seal: ABS
Ice Present: YES Temp: 5°C
Shipping Carrier: CLIENT

Special Instructions: VCP site SB-10 0-1 : no VOC or TPH-DRO/GRO only 515

6630 Baltimore National Pike • Route 40 West • Baltimore, Maryland 21228 • (410) 747-8770 • (800) 932-9047 • Fax (410) 788-8723

9040702

Amy

From: Katherine Christensen [KChristensen@arcenvironmental com]
Sent: Tuesday, April 07, 2009 9:26 AM
To: reporting@phaseonline com; info@phaseonline com
Cc: David Leety
Subject: RE: 1411 Warner St

Hello,

We need samples from Lot J-1411 Warner Street additionally analyzed for hexavalent chromium and inorganic elemental mercury:

SB-9 0-1 from Certificate 9032702 and SB-6 4-5 from Certificate 9032703 need to be analyzed for inorganic elemental mercury

SB-2 0-1 and SB-3 4-5 from Certificate 9032703 need to be analyzed for hexavalent chromium

We need to results by the morning of Friday, April 10, so please process on whatever turnaround that needs to be Also, charge all analysis to Arc Environmental

Thank you,

Kathy Christensen
Arc Environmental

From: David Leety
Sent: Monday, April 06, 2009 4:50 PM
To: Katherine Christensen
Subject: FW: 1411 Warner St

From: Phase Reporting [mailto:reporting@phaseonline com]
Sent: Monday, April 06, 2009 4:45 PM
To: David Leety
Subject: 1411 Warner St

Phase Separation Science, Inc
6630 Baltimore National Pike
Baltimore, MD 21228
Phone (410) 747-8770 *Fax* (410) 788-8723
www.phaseonline.com

A NELAP Accredited Laboratory PA#68-03330

4/7/2009

Phase Separation Science, Inc

Sample Receipt Checklist

Wo Number	9040702	**Received By**	Rachel Davis
Client Name	Arc Environmental	**Date Received**	03/27/2009 09:15:00 AM
Project Name	Arc Environmental	**Delivered By**	Client
Project Number	N/A	**Tracking No**	Not Applicable
Disposal Date:	05/01/2009	**Logged In By**	Rachel Davis

Shipping Container(s)

No of Coolers	1	Ice	Present
Custody Seals	Absent	Temp (deg C)	5
Seal Condition	None	Temp Blank Present	No

Documentation

COC agrees with sample labels?	____ Yes or ____ No	
Chain of Custody (COC)	____ Yes or ____ No	

Sample Container

Appropiate for Specified Analysis?	Yes___ No___	Custody Seal(s)		Yes___ No___
Intact?	____ ____	Custody Seal(s) Intact?		____ ____
Labeled and Labels Legible	____ ____	Seal(s) Signed / Dated		____ ____
Total No of Samples Received	1	Total No of Containers Received	1	

Preservation

		Yes	No	N/A
Metels	(pH<2)	____	____	____
Cyanides	(pH>12)	____	____	____
Sulfide	(pH>9)	____	____	____
TOC, COD, Phenols	(pH<2)	____	____	____
TOX, TKN, NH3, Total Phos	(pH<2)	____	____	____
VOC, BTEX (VOA Vials Rcvd Preserved)	(pH<2)	____	____	____
Do VOA vials have zero headspace?		____	____	____

Comments: (Any "No" response must be detailed in the comments section below.)

For any improper preservation conditions, list sample ID, preservative added (reagent ID number) below as well as documentation of any client notification as well as client instructions Samples for pH, chlorine and dissolved oxygen should be analyzed as soon as possible, preferably in the field at the time of sampling

*Bill to Arc Environmental per email from Katherine Christensen -rd 4/7/09

Samples Inspected/Checklist Completed By: _____ Date: 4/7/9

PM Review and Approval: _____ Date: 4/7/09

04/07/2009 10 04 AM

April 18, 2009

David Leety

Arc Environmental, Inc
1311 Haubert Street
Baltimore, MD 21230

RE; ENVYS Report# R-0904021

Dear David,

Enclosed is the analytical data for samples received on March 30, 2009 along with QC summary data and chain of custody documents.

Please call me if you have any questions, comments, or require additional information.

Sincerely,

Mohan Khare

Mohan Khare, Ph.D.
President/CEO

Enclosures

Envirosystems, Inc.
Report No.: 0904021

ANALYTICAL DATA PACKAGE

For the samples received
March 30, 2009
Site: Lot J

Prepared for

Arc Environmental, Inc.
1311 Haubert Street
Baltimore, MD 21230

Prepared By

Technical Staff

Envirosystems, Inc.
9200 Rumsey Road
Suite B102
Columbia, MD 21045

Table of Contents

1. Narrative

Narrative

Four water samples were received from ARC Environmental, Inc. on March 30, 2009 for analysis of various parameters according to the chain of custody instruction. These samples were logged in LIMS and analyzed by U.S. EPA SW-846 Methods. The results of analysis are reported in section 3,4,5,6, and 7 for VOA, SVOA, GRO, DRO, and Priority Pollutant Metals respectively. The sample chain of custody is present in the section 2 of this report.

Laboratory Data Qualifier Definitions

U: This flag indicates the compound was analyzed for but not detected. The result reported is the adjusted reporting limit for the analyte.

J: This flag indicates an estimated value. This flag is used when the result is less than the adjusted reporting limit but greater than zero.

P: This flag is used for pesticide and Aroclor target compounds when there is greater than 25% difference for detected concentrations between the two GC columns. The 'P' flag is not used unless a compound is identified on both columns. The result reported is the lower of the two column results.

B: This flag is used when the analyte is found in the associated method blank as well as in the sample. Blank contaminants are flagged 'B' only when they are detected in the sample.

E: This flag identifies compounds whose response exceeds the response of the highest standard in the initial calibration range of the instrument for that specific analysis.

D: If a sample or extract is reanalyzed at a dilution factor greater than 1 (e.g., when the response of an analyte exceeds the response of the highest standard in the initial calibration), all the reported concentrations on that Form I are flagged with the 'D' flag. This flag alerts data users that any discrepancies between the reported concentrations may be due to dilution of the sample or extract.

S: This flag is used to indicate an estimated value for Aroclor target compounds where a 5-point initial calibration was not performed prior to the analytes detection in a sample.

2. Chain Of Custody/Traffic Report

ENVIROSYSTEMS, INC.

9200 Rumsey Road • Columbia, MD 21045 • Phone: (410) 964-0330 • Fax (410) 740-9306 • Email: info@envsystems.com

CHAIN OF CUSTODY RECORD

ENVSYS # ________ Quote # ________

Client Name: Arc Environmental

Project Name: Lot J

Site Location: City, State Baltimore, MD

FIELD SAMPLE - ID	LAB USE ONLY	DATE	TIME	MATRIX	# OF CONTAINERS	PRESERVATIVE USED	VOC's Method 8260	SVOC's Method 8270C	PPL metals 200 series	TPH DRO/GRO Method 8015			REMARKS
MW-1		3/30/09	9:30A	GW	7	yes	X	X	X	X			Ray:
MW-2		3/30/09	11:56A	GW	7	yes	X	X	X	X			410-659-9971
MW-3		3/30/09	10:34A	GW	7	yes	X	X	X	X			
MW-4		3/30/09	11:16A	GW	5	yes	X			X			

Relinquished By: (Signature)	Date / Time	Received By: (Signature)	Received by Laboratory: (Signature)	Date / Time	Shipped Via: Shipping Ticket No.
① Gary D. Goodwin	3/31/09 1PM	Mohan [signature]			
②			Remarks		
③			Sampling By:	Sampler's Signature	

Page ____ of ____

WORK ORDER

Printed: 3/30/2009 2:12:39PM

0090321

Envirosystems, Inc.

Case No: **SDG No.: ARC0321** **Contract No.:** **EPA Region:**

Client: **ARC Environmental**
Project: **8260B**

Project Manager: **Ashraf Gorgios**
Project Number: **[none]**

Report To:
ARC Environmental
Ray D. Goodman
NA
Silver Spring, MD 22222
Phone: (222) 222-2222
Fax: (222) 222-2222

Invoice To:
ARC Environmental
Ray D. Goodman
NA
Silver Spring, MD 22222
Phone :(222) 222-2222
Fax: (222) 222-2222

Date Due: 13-Apr-09 15:00 (14 day TAT)

Received By: Trisha Rice
Logged In By: Trisha Rice

Date Received: 30-Mar-09 13:07
Date Logged In: 30-Mar-09 13:07

Samples Received at: 3°C

Custody Seals	No	Received On Ice	Yes
Containers Intact	Yes		
COC/Labels Agree	No		
Preservation Confirm	Yes		

Analysis	Due	TAT	Expires	Comments
0090321-01 MW-1 [Water] Sampled 29-Mar-09 00:00 Eastern				
PPL Metals	11-Apr-09 12:00	14	05-Apr-09 00:00	
SVOA 8270C	09-Apr-09 12:00	10	03-Apr-09 00:00	
TPH-DRO	11-Apr-09 12:00	14	03-Apr-09 00:00	
TPH-GRO	04-Apr-09 12:00	5	12-Apr-09 00:00	
8260B	06-Apr-09 12:00	7	12-Apr-09 00:00	
0090321-02 MW-2 [Water] Sampled 29-Mar-09 00:00 Eastern				
TPH-GRO	04-Apr-09 12:00	5	12-Apr-09 00:00	
8260B	06-Apr-09 12:00	7	12-Apr-09 00:00	
PPL Metals	11-Apr-09 12:00	14	05-Apr-09 00:00	
SVOA 8270C	09-Apr-09 12:00	10	03-Apr-09 00:00	
TPH-DRO	11-Apr-09 12:00	14	03-Apr-09 00:00	
0090321-03 MW-3 [Water] Sampled 29-Mar-09 00:00 Eastern				
PPL Metals	11-Apr-09 12:00	14	05-Apr-09 00:00	
SVOA 8270C	09-Apr-09 12:00	10	03-Apr-09 00:00	
TPH-DRO	11-Apr-09 12:00	14	03-Apr-09 00:00	
TPH-GRO	04-Apr-09 12:00	5	12-Apr-09 00:00	
8260B	06-Apr-09 12:00	7	12-Apr-09 00:00	

0090321

Envirosystems, Inc.

Case No: **SDG No.: ARC0321** **Contract No.:** **EPA Region:**

Client: ARC Environmental
Project: 8260B

Project Manager: Ashraf Gorgios
Project Number: [none]

Analysis	Due	TAT	Expires	Comments
0090321-04 MW-4 [Water] Sampled 29-Mar-09 00:00 Eastern				
8260B	06-Apr-09 12:00	7	12-Apr-09 00:00	
TPH-DRO	11-Apr-09 12:00	14	03-Apr-09 00:00	
TPH-GRO	04-Apr-09 12:00	5	12-Apr-09 00:00	
0090321-05 TB-1 [Water] Sampled 29-Mar-09 00:00 Eastern				
TPH-GRO	04-Apr-09 12:00	5	12-Apr-09 00:00	
8260B	06-Apr-09 12:00	7	12-Apr-09 00:00	
TPH-DRO	11-Apr-09 12:00	14	03-Apr-09 00:00	

Reviewed By

Date

3. 8260B VOA DATA

3a. 8260B VOA Sample Data

ORGANIC ANALYSIS DATA SHEET
8260B

MW-1

Laboratory:	Envirosystems, Inc.		SDG:	ARC0321	
Client:	ARC Environmental		Project:	8260B	
Matrix:	Water	Laboratory ID:	0090321-01	File ID:	H005798.D
Sampled:	03/29/09 00:00	Prepared:	04/07/09 20:46	Analyzed:	04/07/09 22:26
Solids:		Preparation:	8260B	Initial/Final:	5 ml / 5 mL
Batch:	0D90701	Sequence: 0001219		Calibration:	09D0001 Instrument: HP75H

CAS NO.	COMPOUND	DILUTION	CONC. (ug/l)	Q
75-71-8	Dichlorodifluoromethane	1	5.0	U
74-87-3	Chloromethane	1	5.0	U
75-01-4	Vinyl chloride	1	5.0	U
74-83-9	Bromomethane	1	5.0	U
75-00-3	Chloroethane	1	5.0	U
75-69-4	Trichlorofluoromethane	1	5.0	U
75-35-4	1,1-Dichloroethene	1	5.0	U
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	1	5.0	U
67-64-1	Acetone	1	10	U
75-15-0	Carbon disulfide	1	5.0	U
79-20-9	Methyl acetate	1	5.0	U
75-09-2	Methylene chloride	1	5.0	U
156-60-5	trans-1,2-Dichloroethene	1	5.0	U
1634-04-4	Methyl tert-butyl ether	1	5.0	U
75-34-3	1,1-Dichloroethane	1	5.0	U
156-59-2	cis-1,2-Dichloroethene	1	5.0	U
78-93-3	2-Butanone	1	10	U
67-66-3	Chloroform	1	7.1	
71-55-6	1,1,1-Trichloroethane	1	5.0	U
110-82-7	Cyclohexane	1	5.0	U
56-23-5	Carbon Tetrachloride	1	5.0	U
71-43-2	Benzene	1	5.0	U
107-06-2	1,2-Dichloroethane	1	5.0	U
79-01-6	Trichloroethene	1	5.0	U
108-87-2	Methylcyclohexane	1	5.0	U
78-87-5	1,2-Dichloropropane	1	5.0	U
75-27-4	Bromodichloromethane	1	5.0	U
10061-01-5	cis-1,3-Dichloropropene	1	5.0	U
108-10-1	4-Methyl-2-pentanone	1	10	U
108-88-3	Toluene	1	5.0	U
10061-02-6	trans-1,3-Dichloropropene	1	5.0	U
79-00-5	1,1,2-Trichloroethane	1	5.0	U
127-18-4	Tetrachloroethene	1	5.0	U
591-78-6	2-Hexanone	1	10	U
124-48-1	Dibromochloromethane	1	5.0	U
106-93-4	1,2-Dibromoethane	1	5.0	U
108-90-7	Chlorobenzene	1	5.0	U
100-41-4	Ethylbenzene	1	5.0	U
95-47-6	o-Xylene	1	5.0	U
179601-23-1	m,p-Xylene	1	10	U

ORGANIC ANALYSIS DATA SHEET
8260B

MW-1

Laboratory:	Envirosystems, Inc.		SDG:	ARC0321	
Client:	ARC Environmental		Project:	8260B	
Matrix:	Water	Laboratory ID:	0090321-01	File ID:	H005798.D
Sampled:	03/29/09 00:00	Prepared:	04/07/09 20:46	Analyzed:	04/07/09 22:26
Solids:		Preparation:	8260B	Initial/Final:	5 ml / 5 mL
Batch:	0D90701	Sequence:	0001219	Calibration:	09D0001
Instrument:	HP75H				

CAS NO.	COMPOUND	DILUTION	CONC. (ug/l)	Q
1330-20-7	Xylene (Total)	1	10	U
100-42-5	Styrene	1	5.0	U
75-25-2	Bromoform	1	5.0	U
98-82-8	Isopropylbenzene	1	5.0	U
79-34-5	1,1,2,2-Tetrachloroethane	1	5.0	U
541-73-1	1,3-Dichlorobenzene	1	5.0	U
106-46-7	1,4-Dichlorobenzene	1	5.0	U
95-50-1	1,2-Dichlorobenzene	1	5.0	U
96-12-8	1,2-Dibromo-3-chloropropane	1	5.0	U
120-82-1	1,2,4-Trichlorobenzene	1	5.0	U
91-20-3	Naphthalene	1	5.0	U
75-65-0	tert-Butyl Alcohol	1	25	U
108-20-3	Diisopropyl Ether	1	5.0	U
637-92-3	Ethyl tert-butyl ether	1	5.0	U
994-05-8	tert-Amyl methyl ether	1	5.0	U
919-94-8	tert-Amyl ethyl ether	1	5.0	U

SYSTEM MONITORING COMPOUND	ADDED (ug/l)	CONC (ug/l)	% REC	QC LIMITS	Q
Bromofluorobenzene	50.0	56.1	112	74 - 121	
1,2-Dichloroethane-d4	50.0	57.1	114	80 - 120	
Toluene-d8	50.0	60.2	120	79 - 112	*

INTERNAL STANDARD	AREA	RT	REF AREA	REF RT	Q
Bromochloromethane	19643	5.993	36847	5.993	
1,4-Difluorobenzene	106178	7.626	188775	7.632	
Chlorobenzene-d5	83324	12.76	154212	12.759	

* Values outside of QC limits

ORGANIC ANALYSIS DATA SHEET
8260B

MW-2

Laboratory:	Envirosystems, Inc.		SDG:	ARC0321	
Client:	ARC Environmental		Project:	8260B	
Matrix:	Water	Laboratory ID:	0090321-02	File ID:	H005835.D
Sampled:	03/29/09 00:00	Prepared:	04/08/09 10:17	Analyzed:	04/08/09 15:14
Solids:		Preparation:	8260B	Initial/Final:	5 ml / 5 mL
Batch:	0D91401	Sequence: 0001220		Calibration:	09D0001 Instrument: HP75H

CAS NO.	COMPOUND	DILUTION	CONC. (ug/l)	Q
75-71-8	Dichlorodifluoromethane	1	5.0	U
74-87-3	Chloromethane	1	5.0	U
75-01-4	Vinyl chloride	1	5.0	U
74-83-9	Bromomethane	1	5.0	U
75-00-3	Chloroethane	1	5.0	U
75-69-4	Trichlorofluoromethane	1	5.0	U
75-35-4	1,1-Dichloroethene	1	5.0	U
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	1	5.0	U
67-64-1	Acetone	1	10	U
75-15-0	Carbon disulfide	1	5.0	U
79-20-9	Methyl acetate	1	5.0	U
75-09-2	Methylene chloride	1	5.0	U
156-60-5	trans-1,2-Dichloroethene	1	5.0	U
1634-04-4	Methyl tert-butyl ether	1	5.0	U
75-34-3	1,1-Dichloroethane	1	5.0	U
156-59-2	cis-1,2-Dichloroethene	1	5.0	U
78-93-3	2-Butanone	1	10	U
67-66-3	Chloroform	1	5.0	U
71-55-6	1,1,1-Trichloroethane	1	5.0	U
110-82-7	Cyclohexane	1	5.0	U
56-23-5	Carbon Tetrachloride	1	5.0	U
71-43-2	Benzene	1	5.0	U
107-06-2	1,2-Dichloroethane	1	5.0	U
79-01-6	Trichloroethene	1	5.0	U
108-87-2	Methylcyclohexane	1	5.0	U
78-87-5	1,2-Dichloropropane	1	5.0	U
75-27-4	Bromodichloromethane	1	5.0	U
10061-01-5	cis-1,3-Dichloropropene	1	5.0	U
108-10-1	4-Methyl-2-pentanone	1	10	U
108-88-3	Toluene	1	5.0	U
10061-02-6	trans-1,3-Dichloropropene	1	5.0	U
79-00-5	1,1,2-Trichloroethane	1	5.0	U
127-18-4	Tetrachloroethene	1	5.0	U
591-78-6	2-Hexanone	1	10	U
124-48-1	Dibromochloromethane	1	5.0	U
106-93-4	1,2-Dibromoethane	1	5.0	U
108-90-7	Chlorobenzene	1	5.0	U
100-41-4	Ethylbenzene	1	5.0	U
95-47-6	o-Xylene	1	5.0	U
179601-23-1	m,p-Xylene	1	10	U

ORGANIC ANALYSIS DATA SHEET
8260B

MW-2

Laboratory:	Envirosystems, Inc.		SDG:	ARC0321	
Client:	ARC Environmental		Project:	8260B	
Matrix:	Water	Laboratory ID:	0090321-02	File ID:	H005835.D
Sampled:	03/29/09 00:00	Prepared:	04/08/09 10:17	Analyzed:	04/08/09 15:14
Solids:		Preparation:	8260B	Initial/Final:	5 ml / 5 mL
Batch:	0D91401	Sequence:	0001220	Calibration:	09D0001
Instrument:	HP75H				

CAS NO.	COMPOUND	DILUTION	CONC. (ug/l)	Q
1330-20-7	Xylene (Total)	1	10	U
100-42-5	Styrene	1	5.0	U
75-25-2	Bromoform	1	5.0	U
98-82-8	Isopropylbenzene	1	5.0	U
79-34-5	1,1,2,2-Tetrachloroethane	1	5.0	U
541-73-1	1,3-Dichlorobenzene	1	5.0	U
106-46-7	1,4-Dichlorobenzene	1	5.0	U
95-50-1	1,2-Dichlorobenzene	1	5.0	U
96-12-8	1,2-Dibromo-3-chloropropane	1	5.0	U
120-82-1	1,2,4-Trichlorobenzene	1	5.0	U
91-20-3	Naphthalene	1	5.0	U
75-65-0	tert-Butyl Alcohol	1	25	U
108-20-3	Diisopropyl Ether	1	5.0	U
637-92-3	Ethyl tert-butyl ether	1	5.0	U
994-05-8	tert-Amyl methyl ether	1	5.0	U
919-94-8	tert-Amyl ethyl ether	1	5.0	U

SYSTEM MONITORING COMPOUND	ADDED (ug/l)	CONC (ug/l)	% REC	QC LIMITS	Q
Bromofluorobenzene	50.0	42.2	84	74 - 121	
1,2-Dichloroethane-d4	50.0	40.8	82	80 - 120	
Toluene-d8	50.0	47.1	94	79 - 112	

INTERNAL STANDARD	AREA	RT	REF AREA	REF RT	Q
Bromochloromethane	33770	5.986	35401	5.987	
1,4-Difluorobenzene	180725	7.626	201203	7.627	
Chlorobenzene-d5	133603	12.76	155082	12.76	

* Values outside of QC limits

ORGANIC ANALYSIS DATA SHEET
8260B

MW-3

Laboratory:	Envirosystems, Inc.		SDG:	ARC0321	
Client:	ARC Environmental		Project:	8260B	
Matrix:	Water	Laboratory ID:	0090321-03	File ID:	H005800.D
Sampled:	03/29/09 00:00	Prepared:	04/07/09 20:46	Analyzed:	04/07/09 23:25
Solids:		Preparation:	8260B	Initial/Final:	5 ml / 5 mL
Batch:	0D90701	Sequence: 0001219		Calibration:	09D0001 Instrument: HP75H

CAS NO.	COMPOUND	DILUTION	CONC. (ug/l)	Q
75-71-8	Dichlorodifluoromethane	1	5.0	U
74-87-3	Chloromethane	1	5.0	U
75-01-4	Vinyl chloride	1	5.0	U
74-83-9	Bromomethane	1	5.0	U
75-00-3	Chloroethane	1	5.0	U
75-69-4	Trichlorofluoromethane	1	5.0	U
75-35-4	1,1-Dichloroethene	1	5.0	U
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	1	5.0	U
67-64-1	Acetone	1	10	U
75-15-0	Carbon disulfide	1	5.0	U
79-20-9	Methyl acetate	1	5.0	U
75-09-2	Methylene chloride	1	5.0	U
156-60-5	trans-1,2-Dichloroethene	1	5.0	U
1634-04-4	Methyl tert-butyl ether	1	6.4	
75-34-3	1,1-Dichloroethane	1	5.0	U
156-59-2	cis-1,2-Dichloroethene	1	5.0	U
78-93-3	2-Butanone	1	10	U
67-66-3	Chloroform	1	5.0	U
71-55-6	1,1,1-Trichloroethane	1	5.0	U
110-82-7	Cyclohexane	1	5.0	U
56-23-5	Carbon Tetrachloride	1	5.0	U
71-43-2	Benzene	1	5.0	U
107-06-2	1,2-Dichloroethane	1	5.0	U
79-01-6	Trichloroethene	1	5.0	U
108-87-2	Methylcyclohexane	1	5.0	U
78-87-5	1,2-Dichloropropane	1	5.0	U
75-27-4	Bromodichloromethane	1	5.0	U
10061-01-5	cis-1,3-Dichloropropene	1	5.0	U
108-10-1	4-Methyl-2-pentanone	1	10	U
108-88-3	Toluene	1	5.0	U
10061-02-6	trans-1,3-Dichloropropene	1	5.0	U
79-00-5	1,1,2-Trichloroethane	1	5.0	U
127-18-4	Tetrachloroethene	1	5.0	U
591-78-6	2-Hexanone	1	10	U
124-48-1	Dibromochloromethane	1	5.0	U
106-93-4	1,2-Dibromoethane	1	5.0	U
108-90-7	Chlorobenzene	1	5.0	U
100-41-4	Ethylbenzene	1	5.0	U
95-47-6	o-Xylene	1	5.0	U
179601-23-1	m,p-Xylene	1	10	U

ORGANIC ANALYSIS DATA SHEET
8260B

MW-3

Laboratory:	Envirosystems, Inc.		SDG:	ARC0321	
Client:	ARC Environmental		Project:	8260B	
Matrix:	Water	Laboratory ID:	0090321-03	File ID:	H005800.D
Sampled:	03/29/09 00:00	Prepared:	04/07/09 20:46	Analyzed:	04/07/09 23:25
Solids:		Preparation:	8260B	Initial/Final:	5 ml / 5 mL
Batch:	0D90701	Sequence: 0001219		Calibration:	09D0001
Instrument:	HP75H				

CAS NO.	COMPOUND	DILUTION	CONC. (ug/l)	Q
1330-20-7	Xylene (Total)	1	10	U
100-42-5	Styrene	1	5.0	U
75-25-2	Bromoform	1	5.0	U
98-82-8	Isopropylbenzene	1	5.0	U
79-34-5	1,1,2,2-Tetrachloroethane	1	5.0	U
541-73-1	1,3-Dichlorobenzene	1	5.0	U
106-46-7	1,4-Dichlorobenzene	1	5.0	U
95-50-1	1,2-Dichlorobenzene	1	5.0	U
96-12-8	1,2-Dibromo-3-chloropropane	1	5.0	U
120-82-1	1,2,4-Trichlorobenzene	1	5.0	U
91-20-3	Naphthalene	1	5.0	U
75-65-0	tert-Butyl Alcohol	1	25	U
108-20-3	Diisopropyl Ether	1	5.0	U
637-92-3	Ethyl tert-butyl ether	1	5.0	U
994-05-8	tert-Amyl methyl ether	1	5.0	U
919-94-8	tert-Amyl ethyl ether	1	5.0	U

SYSTEM MONITORING COMPOUND	ADDED (ug/l)	CONC (ug/l)	% REC	QC LIMITS	Q
Bromofluorobenzene	50.0	41.7	83	74 - 121	
1,2-Dichloroethane-d4	50.0	41.0	82	80 - 120	
Toluene-d8	50.0	47.0	94	79 - 112	

INTERNAL STANDARD	AREA	RT	REF AREA	REF RT	Q
Bromochloromethane	35792	5.986	36847	5.993	
1,4-Difluorobenzene	192899	7.626	188775	7.632	
Chlorobenzene-d5	135098	12.76	154212	12.759	

* Values outside of QC limits

ORGANIC ANALYSIS DATA SHEET
8260B

MW-4

Laboratory:	Envirosystems, Inc.		SDG:	ARC0321	
Client:	ARC Environmental		Project:	8260B	
Matrix:	Water	Laboratory ID:	0090321-04	File ID:	H005801.D
Sampled:	03/29/09 00:00	Prepared:	04/07/09 20:46	Analyzed:	04/07/09 23:54
Solids:		Preparation:	8260B	Initial/Final:	5 ml / 5 mL
Batch:	0D90701	Sequence: 0001219		Calibration:	09D0001 Instrument: HP75H

CAS NO.	COMPOUND	DILUTION	CONC. (ug/l)	Q
75-71-8	Dichlorodifluoromethane	1	5.0	U
74-87-3	Chloromethane	1	5.0	U
75-01-4	Vinyl chloride	1	5.0	U
74-83-9	Bromomethane	1	5.0	U
75-00-3	Chloroethane	1	5.0	U
75-69-4	Trichlorofluoromethane	1	5.0	U
75-35-4	1,1-Dichloroethene	1	5.0	U
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	1	5.0	U
67-64-1	Acetone	1	10	U
75-15-0	Carbon disulfide	1	5.0	U
79-20-9	Methyl acetate	1	5.0	U
75-09-2	Methylene chloride	1	5.0	U
156-60-5	trans-1,2-Dichloroethene	1	5.0	U
1634-04-4	Methyl tert-butyl ether	1	5.0	U
75-34-3	1,1-Dichloroethane	1	5.0	U
156-59-2	cis-1,2-Dichloroethene	1	5.0	U
78-93-3	2-Butanone	1	10	U
67-66-3	Chloroform	1	5.0	U
71-55-6	1,1,1-Trichloroethane	1	5.0	U
110-82-7	Cyclohexane	1	5.0	U
56-23-5	Carbon Tetrachloride	1	5.0	U
71-43-2	Benzene	1	5.0	U
107-06-2	1,2-Dichloroethane	1	5.0	U
79-01-6	Trichloroethene	1	5.0	U
108-87-2	Methylcyclohexane	1	5.0	U
78-87-5	1,2-Dichloropropane	1	5.0	U
75-27-4	Bromodichloromethane	1	5.0	U
10061-01-5	cis-1,3-Dichloropropene	1	5.0	U
108-10-1	4-Methyl-2-pentanone	1	10	U
108-88-3	Toluene	1	5.0	U
10061-02-6	trans-1,3-Dichloropropene	1	5.0	U
79-00-5	1,1,2-Trichloroethane	1	5.0	U
127-18-4	Tetrachloroethene	1	5.0	U
591-78-6	2-Hexanone	1	10	U
124-48-1	Dibromochloromethane	1	5.0	U
106-93-4	1,2-Dibromoethane	1	5.0	U
108-90-7	Chlorobenzene	1	5.0	U
100-41-4	Ethylbenzene	1	5.0	U
95-47-6	o-Xylene	1	5.0	U
179601-23-1	m,p-Xylene	1	10	U

ORGANIC ANALYSIS DATA SHEET
8260B

MW-4

Laboratory:	Envirosystems, Inc.		SDG:	ARC0321	
Client:	ARC Environmental		Project:	8260B	
Matrix:	Water	Laboratory ID:	0090321-04	File ID:	H005801.D
Sampled:	03/29/09 00:00	Prepared:	04/07/09 20:46	Analyzed:	04/07/09 23:54
Solids:		Preparation:	8260B	Initial/Final:	5 ml / 5 mL
Batch:	0D90701	Sequence:	0001219	Calibration:	09D0001
Instrument:	HP75H				

CAS NO.	COMPOUND	DILUTION	CONC. (ug/l)	Q
1330-20-7	Xylene (Total)	1	10	U
100-42-5	Styrene	1	5.0	U
75-25-2	Bromoform	1	5.0	U
98-82-8	Isopropylbenzene	1	5.0	U
79-34-5	1,1,2,2-Tetrachloroethane	1	5.0	U
541-73-1	1,3-Dichlorobenzene	1	5.0	U
106-46-7	1,4-Dichlorobenzene	1	5.0	U
95-50-1	1,2-Dichlorobenzene	1	5.0	U
96-12-8	1,2-Dibromo-3-chloropropane	1	5.0	U
120-82-1	1,2,4-Trichlorobenzene	1	5.0	U
91-20-3	Naphthalene	1	5.0	U
75-65-0	tert-Butyl Alcohol	1	25	U
108-20-3	Diisopropyl Ether	1	5.0	U
637-92-3	Ethyl tert-butyl ether	1	5.0	U
994-05-8	tert-Amyl methyl ether	1	5.0	U
919-94-8	tert-Amyl ethyl ether	1	5.0	U

SYSTEM MONITORING COMPOUND	ADDED (ug/l)	CONC (ug/l)	% REC	QC LIMITS	Q
Bromofluorobenzene	50.0	47.3	95	74 - 121	
1,2-Dichloroethane-d4	50.0	41.4	83	80 - 120	
Toluene-d8	50.0	44.3	89	79 - 112	

INTERNAL STANDARD	AREA	RT	REF AREA	REF RT	Q
Bromochloromethane	29181	5.993	36847	5.993	
1,4-Difluorobenzene	158024	7.626	188775	7.632	
Chlorobenzene-d5	116567	12.76	154212	12.759	

* Values outside of QC limits

ORGANIC ANALYSIS DATA SHEET
8260B

TB-1

Laboratory:	Envirosystems, Inc.		SDG:	ARC0321	
Client:	ARC Environmental		Project:	8260B	
Matrix:	Water	Laboratory ID:	0090321-05	File ID:	H005802.D
Sampled:	03/29/09 00:00	Prepared:	04/07/09 20:46	Analyzed:	04/08/09 00:23
Solids:		Preparation:	8260B	Initial/Final:	5 ml / 5 mL
Batch:	0D90701	Sequence:	0001219	Calibration:	09D0001
Instrument:	HP75H				

CAS NO.	COMPOUND	DILUTION	CONC. (ug/l)	Q
75-71-8	Dichlorodifluoromethane	1	5.0	U
74-87-3	Chloromethane	1	5.0	U
75-01-4	Vinyl chloride	1	5.0	U
74-83-9	Bromomethane	1	5.0	U
75-00-3	Chloroethane	1	5.0	U
75-69-4	Trichlorofluoromethane	1	5.0	U
75-35-4	1,1-Dichloroethene	1	5.0	U
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	1	5.0	U
67-64-1	Acetone	1	10	U
75-15-0	Carbon disulfide	1	5.0	U
79-20-9	Methyl acetate	1	5.0	U
75-09-2	Methylene chloride	1	5.0	U
156-60-5	trans-1,2-Dichloroethene	1	5.0	U
1634-04-4	Methyl tert-butyl ether	1	5.0	U
75-34-3	1,1-Dichloroethane	1	5.0	U
156-59-2	cis-1,2-Dichloroethene	1	5.0	U
78-93-3	2-Butanone	1	10	U
67-66-3	Chloroform	1	5.0	U
71-55-6	1,1,1-Trichloroethane	1	5.0	U
110-82-7	Cyclohexane	1	5.0	U
56-23-5	Carbon Tetrachloride	1	5.0	U
71-43-2	Benzene	1	5.0	U
107-06-2	1,2-Dichloroethane	1	5.0	U
79-01-6	Trichloroethene	1	5.0	U
108-87-2	Methylcyclohexane	1	5.0	U
78-87-5	1,2-Dichloropropane	1	5.0	U
75-27-4	Bromodichloromethane	1	5.0	U
10061-01-5	cis-1,3-Dichloropropene	1	5.0	U
108-10-1	4-Methyl-2-pentanone	1	10	U
108-88-3	Toluene	1	5.0	U
10061-02-6	trans-1,3-Dichloropropene	1	5.0	U
79-00-5	1,1,2-Trichloroethane	1	5.0	U
127-18-4	Tetrachloroethene	1	5.0	U
591-78-6	2-Hexanone	1	10	U
124-48-1	Dibromochloromethane	1	5.0	U
106-93-4	1,2-Dibromoethane	1	5.0	U
108-90-7	Chlorobenzene	1	5.0	U
100-41-4	Ethylbenzene	1	5.0	U
95-47-6	o-Xylene	1	5.0	U
179601-23-1	m,p-Xylene	1	10	U

ORGANIC ANALYSIS DATA SHEET
8260B

TB-1

Laboratory:	Envirosystems, Inc.		SDG:	ARC0321	
Client:	ARC Environmental		Project:	8260B	
Matrix:	Water	Laboratory ID:	0090321-05	File ID:	H005802.D
Sampled:	03/29/09 00:00	Prepared:	04/07/09 20:46	Analyzed:	04/08/09 00:23
Solids:		Preparation:	8260B	Initial/Final:	5 ml / 5 mL
Batch:	0D90701	Sequence: 0001219		Calibration:	09D0001
Instrument:	HP75H				

CAS NO.	COMPOUND	DILUTION	CONC. (ug/l)	Q
1330-20-7	Xylene (Total)	1	10	U
100-42-5	Styrene	1	5.0	U
75-25-2	Bromoform	1	5.0	U
98-82-8	Isopropylbenzene	1	5.0	U
79-34-5	1,1,2,2-Tetrachloroethane	1	5.0	U
541-73-1	1,3-Dichlorobenzene	1	5.0	U
106-46-7	1,4-Dichlorobenzene	1	5.0	U
95-50-1	1,2-Dichlorobenzene	1	5.0	U
96-12-8	1,2-Dibromo-3-chloropropane	1	5.0	U
120-82-1	1,2,4-Trichlorobenzene	1	5.0	U
91-20-3	Naphthalene	1	5.0	U
75-65-0	tert-Butyl Alcohol	1	25	U
108-20-3	Diisopropyl Ether	1	5.0	U
637-92-3	Ethyl tert-butyl ether	1	5.0	U
994-05-8	tert-Amyl methyl ether	1	5.0	U
919-94-8	tert-Amyl ethyl ether	1	5.0	U

SYSTEM MONITORING COMPOUND	ADDED (ug/l)	CONC (ug/l)	% REC	QC LIMITS	Q
Bromofluorobenzene	50.0	40.3	81	74 - 121	
1,2-Dichloroethane-d4	50.0	40.3	81	80 - 120	
Toluene-d8	50.0	43.9	88	79 - 112	

INTERNAL STANDARD	AREA	RT	REF AREA	REF RT	Q
Bromochloromethane	32199	5.993	36847	5.993	
1,4-Difluorobenzene	177702	7.627	188775	7.632	
Chlorobenzene-d5	131441	12.76	154212	12.759	

* Values outside of QC limits

3b. 8260B VOA QC Data

METHOD BLANK DATA SHEET
8260B

Laboratory:	Envirosystems, Inc.		SDG:	ARC0321	
Client:	ARC Environmental		Project:	8260B	
Matrix:	Water	Laboratory ID:	0D90701-BLK1	File ID:	H005795.D
Prepared:	04/07/09 20:46	Preparation:	8260B	Initial/Final:	5 ml / 5 mL
Analyzed:	04/07/09 20:58	Instrument:	HP75H		
Batch:	0D90701	Sequence:	0001219	Calibration:	09D0001

CAS NO.	COMPOUND	CONC. (ug/l)	Q
75-71-8	Dichlorodifluoromethane	5.0	U
74-87-3	Chloromethane	5.0	U
75-01-4	Vinyl chloride	5.0	U
74-83-9	Bromomethane	5.0	U
75-00-3	Chloroethane	5.0	U
75-69-4	Trichlorofluoromethane	5.0	U
75-35-4	1,1-Dichloroethene	5.0	U
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	5.0	U
67-64-1	Acetone	10	U
75-15-0	Carbon disulfide	5.0	U
79-20-9	Methyl acetate	5.0	U
75-09-2	Methylene chloride	5.0	U
156-60-5	trans-1,2-Dichloroethene	5.0	U
1634-04-4	Methyl tert-butyl ether	5.0	U
75-34-3	1,1-Dichloroethane	5.0	U
156-59-2	cis-1,2-Dichloroethene	5.0	U
78-93-3	2-Butanone	10	U
67-66-3	Chloroform	5.0	U
71-55-6	1,1,1-Trichloroethane	5.0	U
110-82-7	Cyclohexane	5.0	U
56-23-5	Carbon Tetrachloride	5.0	U
71-43-2	Benzene	5.0	U
107-06-2	1,2-Dichloroethane	5.0	U
79-01-6	Trichloroethene	5.0	U
108-87-2	Methylcyclohexane	5.0	U
78-87-5	1,2-Dichloropropane	5.0	U
75-27-4	Bromodichloromethane	5.0	U
10061-01-5	cis-1,3-Dichloropropene	5.0	U
108-10-1	4-Methyl-2-pentanone	10	U
108-88-3	Toluene	5.0	U

METHOD BLANK DATA SHEET
8260B

Laboratory:	Envirosystems, Inc.		SDG:	ARC0321	
Client:	ARC Environmental		Project:	8260B	
Matrix:	Water	Laboratory ID:	0D90701-BLK1	File ID:	H005795.D
Prepared:	04/07/09 20:46	Preparation:	8260B	Initial/Final:	5 ml / 5 mL
Analyzed:	04/07/09 20:58	Instrument:	HP75H		
Batch:	0D90701	Sequence:	0001219	Calibration:	09D0001

CAS NO.	COMPOUND	CONC. (ug/l)	Q
10061-02-6	trans-1,3-Dichloropropene	5.0	U
79-00-5	1,1,2-Trichloroethane	5.0	U
127-18-4	Tetrachloroethene	5.0	U
591-78-6	2-Hexanone	10	U
124-48-1	Dibromochloromethane	5.0	U
106-93-4	1,2-Dibromoethane	5.0	U
108-90-7	Chlorobenzene	5.0	U
100-41-4	Ethylbenzene	5.0	U
95-47-6	o-Xylene	5.0	U
179601-23-1	m,p-Xylene	10	U
1330-20-7	Xylene (Total)	10	U
100-42-5	Styrene	5.0	U
75-25-2	Bromoform	5.0	U
98-82-8	Isopropylbenzene	5.0	U
79-34-5	1,1,2,2-Tetrachloroethane	5.0	U
541-73-1	1,3-Dichlorobenzene	5.0	U
106-46-7	1,4-Dichlorobenzene	5.0	U
95-50-1	1,2-Dichlorobenzene	5.0	U
96-12-8	1,2-Dibromo-3-chloropropane	5.0	U
120-82-1	1,2,4-Trichlorobenzene	5.0	U
91-20-3	Naphthalene	5.0	U
75-65-0	tert-Butyl Alcohol	25	U
108-20-3	Diisopropyl Ether	5.0	U
637-92-3	Ethyl tert-butyl ether	5.0	U
994-05-8	tert-Amyl methyl ether	5.0	U
919-94-8	tert-Amyl ethyl ether	5.0	U

SYSTEM MONITORING COMPOUND	ADDED (ug/l)	CONC (ug/l)	% REC	QC LIMITS	Q
Bromofluorobenzene	50.0	44.9	90	74 - 121	
1,2-Dichloroethane-d4	50.0	45.1	90	80 - 120	
Toluene-d8	50.0	48.5	97	79 - 112	

METHOD BLANK DATA SHEET
8260B

Laboratory:	Envirosystems, Inc.		SDG:	ARC0321	
Client:	ARC Environmental		Project:	8260B	
Matrix:	Water	Laboratory ID:	0D90701-BLK1	File ID:	H005795.D
Prepared:	04/07/09 20:46	Preparation:	8260B	Initial/Final:	5 ml / 5 mL
Analyzed:	04/07/09 20:58	Instrument:	HP75H		
Batch:	0D90701	Sequence:	0001219	Calibration:	09D0001

INTERNAL STANDARD	AREA	RT	REF AREA	REF RT	Q
Bromochloromethane	38802	5.993	36847	5.993	
1,4-Difluorobenzene	195249	7.626	188775	7.632	
Chlorobenzene-d5	143858	12.76	154212	12.759	

METHOD BLANK DATA SHEET
8260B

Laboratory:	Envirosystems, Inc.		SDG:	ARC0321	
Client:	ARC Environmental		Project:	8260B	
Matrix:	Water	Laboratory ID:	0D91401-BLK1	File ID:	H005832.D
Prepared:	04/08/09 10:17	Preparation:	8260B	Initial/Final:	5 ml / 5 mL
Analyzed:	04/08/09 13:44	Instrument:	HP75H		
Batch:	0D91401	Sequence:	0001220	Calibration:	09D0001

CAS NO.	COMPOUND	CONC. (ug/l)	Q
75-71-8	Dichlorodifluoromethane	5.0	U
74-87-3	Chloromethane	5.0	U
75-01-4	Vinyl chloride	5.0	U
74-83-9	Bromomethane	5.0	U
75-00-3	Chloroethane	5.0	U
75-69-4	Trichlorofluoromethane	5.0	U
75-35-4	1,1-Dichloroethene	5.0	U
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	5.0	U
67-64-1	Acetone	10	U
75-15-0	Carbon disulfide	5.0	U
79-20-9	Methyl acetate	5.0	U
75-09-2	Methylene chloride	5.0	U
156-60-5	trans-1,2-Dichloroethene	5.0	U
1634-04-4	Methyl tert-butyl ether	5.0	U
75-34-3	1,1-Dichloroethane	5.0	U
156-59-2	cis-1,2-Dichloroethene	5.0	U
78-93-3	2-Butanone	10	U
67-66-3	Chloroform	5.0	U
71-55-6	1,1,1-Trichloroethane	5.0	U
110-82-7	Cyclohexane	5.0	U
56-23-5	Carbon Tetrachloride	5.0	U
71-43-2	Benzene	5.0	U
107-06-2	1,2-Dichloroethane	5.0	U
79-01-6	Trichloroethene	5.0	U
108-87-2	Methylcyclohexane	5.0	U
78-87-5	1,2-Dichloropropane	5.0	U
75-27-4	Bromodichloromethane	5.0	U
10061-01-5	cis-1,3-Dichloropropene	5.0	U
108-10-1	4-Methyl-2-pentanone	10	U
108-88-3	Toluene	5.0	U

METHOD BLANK DATA SHEET
8260B

Laboratory:	Envirosystems, Inc.			SDG:	ARC0321
Client:	ARC Environmental			Project:	8260B
Matrix:	Water	Laboratory ID:	0D91401-BLK1	File ID:	H005832.D
Prepared:	04/08/09 10:17	Preparation:	8260B	Initial/Final:	5 ml / 5 mL
Analyzed:	04/08/09 13:44	Instrument:	HP75H		
Batch:	0D91401	Sequence:	0001220	Calibration:	09D0001

CAS NO.	COMPOUND	CONC. (ug/l)	Q
10061-02-6	trans-1,3-Dichloropropene	5.0	U
79-00-5	1,1,2-Trichloroethane	5.0	U
127-18-4	Tetrachloroethene	5.0	U
591-78-6	2-Hexanone	10	U
124-48-1	Dibromochloromethane	5.0	U
106-93-4	1,2-Dibromoethane	5.0	U
108-90-7	Chlorobenzene	5.0	U
100-41-4	Ethylbenzene	5.0	U
95-47-6	o-Xylene	5.0	U
179601-23-1	m,p-Xylene	10	U
1330-20-7	Xylene (Total)	10	U
100-42-5	Styrene	5.0	U
75-25-2	Bromoform	5.0	U
98-82-8	Isopropylbenzene	5.0	U
79-34-5	1,1,2,2-Tetrachloroethane	5.0	U
541-73-1	1,3-Dichlorobenzene	5.0	U
106-46-7	1,4-Dichlorobenzene	5.0	U
95-50-1	1,2-Dichlorobenzene	5.0	U
96-12-8	1,2-Dibromo-3-chloropropane	5.0	U
120-82-1	1,2,4-Trichlorobenzene	5.0	U
91-20-3	Naphthalene	5.0	U
75-65-0	tert-Butyl Alcohol	25	U
108-20-3	Diisopropyl Ether	5.0	U
637-92-3	Ethyl tert-butyl ether	5.0	U
994-05-8	tert-Amyl methyl ether	5.0	U
919-94-8	tert-Amyl ethyl ether	5.0	U

SYSTEM MONITORING COMPOUND	ADDED (ug/l)	CONC (ug/l)	% REC	QC LIMITS	Q
Bromofluorobenzene	50.0	45.0	90	74 - 121	
1,2-Dichloroethane-d4	50.0	43.8	88	80 - 120	
Toluene-d8	50.0	45.5	91	79 - 112	

METHOD BLANK DATA SHEET
8260B

Laboratory:	Envirosystems, Inc.		SDG:	ARC0321	
Client:	ARC Environmental		Project:	8260B	
Matrix:	Water	Laboratory ID:	0D91401-BLK1	File ID:	H005832.D
Prepared:	04/08/09 10:17	Preparation:	8260B	Initial/Final:	5 ml / 5 mL
Analyzed:	04/08/09 13:44	Instrument:	HP75H		
Batch:	0D91401	Sequence:	0001220	Calibration:	09D0001

INTERNAL STANDARD	AREA	RT	REF AREA	REF RT	Q
Bromochloromethane	33555	5.987	35401	5.987	
1,4-Difluorobenzene	184691	7.627	201203	7.627	
Chlorobenzene-d5	145674	12.76	155082	12.76	

LCS / LCS DUPLICATE RECOVERY

8260B

Laboratory: Envirosystems, Inc. SDG: ARC0321

Client: ARC Environmental Project: 8260B

Matrix: Water

Batch: 0D90701 Laboratory ID: 0D90701-BS1

Preparation: 8260B Initial/Final: 5 ml / 5 mL

COMPOUND	SPIKE ADDED (ug/l)	LCS CONCENTRATION (ug/l)	LCS % REC. #	QC LIMITS REC.
Dichlorodifluoromethane	50.0	47.8	96	50 - 150
Chloromethane	50.0	33.1	66	50 - 150
Vinyl chloride	50.0	40.0	80	50 - 150
Bromomethane	50.0	53.2	106	50 - 150
Chloroethane	50.0	35.4	71	50 - 150
Trichlorofluoromethane		56.8		50 - 150
1,1-Dichloroethene	50.0	56.0	112	50 - 150
1,1,2-Trichloro-1,2,2-trifluoroethane	50.0	54.7	109	50 - 150
Acetone	100	82.1	82	50 - 150
Carbon disulfide	50.0	47.2	94	50 - 150
Methyl acetate	50.0	39.2	78	50 - 150
Methylene chloride	50.0	51.2	102	50 - 150
trans-1,2-Dichloroethene	50.0	54.4	109	50 - 150
Methyl tert-butyl ether	50.0	57.2	114	50 - 150
1,1-Dichloroethane	50.0	52.1	104	50 - 150
cis-1,2-Dichloroethene	50.0	57.5	115	50 - 150
2-Butanone	100	99.4	99	50 - 150
Chloroform	50.0	57.6	115	50 - 150
1,1,1-Trichloroethane	50.0	64.0	128	50 - 150
Cyclohexane	50.0	48.1	96	50 - 150
Carbon Tetrachloride	50.0	65.1	130	50 - 150
Benzene	50.0	58.1	116	50 - 150
1,2-Dichloroethane	50.0	53.5	107	50 - 150
Trichloroethene	50.0	63.2	126	50 - 150
Methylcyclohexane	50.0	58.6	117	50 - 150
1,2-Dichloropropane	50.0	49.5	99	50 - 150
Bromodichloromethane	50.0	57.2	114	50 - 150
cis-1,3-Dichloropropene	50.0	56.6	113	50 - 150
4-Methyl-2-pentanone	100	91.7	92	50 - 150
Toluene	50.0	60.2	120	50 - 150

LCS / LCS DUPLICATE RECOVERY

8260B

Laboratory:	Envirosystems, Inc.	SDG:	ARC0321
Client:	ARC Environmental	Project:	8260B
Matrix:	Water		
Batch:	0D90701	Laboratory ID:	0D90701-BS1
Preparation:	8260B	Initial/Final:	5 ml / 5 mL

COMPOUND	SPIKE ADDED (ug/l)	LCS CONCENTRATION (ug/l)	LCS % REC. #	QC LIMITS REC.
trans-1,3-Dichloropropene	50.0	55.8	112	50 - 150
1,1,2-Trichloroethane	50.0	56.5	113	50 - 150
Tetrachloroethene	50.0	66.1	132	50 - 150
2-Hexanone	100	89.1	89	50 - 150
Dibromochloromethane	50.0	60.8	122	50 - 150
1,2-Dibromoethane	50.0	60.8	122	50 - 150
Chlorobenzene	50.0	59.6	119	50 - 150
Ethylbenzene	50.0	59.4	119	50 - 150
o-Xylene	50.0	59.5	119	50 - 150
m,p-Xylene	50.0	60.2	120	50 - 150
Xylene (Total)		ND		50 - 150
Styrene	50.0	60.8	122	50 - 150
Bromoform	50.0	59.8	120	50 - 150
Isopropylbenzene	50.0	62.0	124	50 - 150
1,1,2,2-Tetrachloroethane	50.0	54.6	109	50 - 150
1,3-Dichlorobenzene	50.0	63.0	126	50 - 150
1,4-Dichlorobenzene	50.0	63.7	127	50 - 150
1,2-Dichlorobenzene	50.0	62.6	125	50 - 150
1,2-Dibromo-3-chloropropane	50.0	55.4	111	50 - 150
1,2,4-Trichlorobenzene	50.0	66.8	134	50 - 150
Naphthalene	50.0	65.6	131	50 - 150
tert-Butyl Alcohol	250	32.6	13 *	50 - 150
Diisopropyl Ether	50.0	188	376 *	50 - 150
Ethyl tert-butyl ether	50.0	54.4	109	50 - 150
tert-Amyl methyl ether	50.0	59.5	119	50 - 150
tert-Amyl ethyl ether	50.0	51.0	102	50 - 150

COMPOUND	SPIKE ADDED (ug/l)	LCSD CONCENTRATION (ug/l)	LCSD % REC. #	% RPD #	QC LIMITS RPD	QC LIMITS REC.
Dichlorodifluoromethane	50.0	31.0	62	42 *	20	50 - 150

LCS / LCS DUPLICATE RECOVERY

8260B

Laboratory: Envirosystems, Inc. SDG: ARC0321

Client: ARC Environmental Project: 8260B

Matrix: Water

Batch: 0D90701 Laboratory ID: 0D90701-BSD1

Preparation: 8260B Initial/Final: 5 ml / 5 mL

COMPOUND	SPIKE ADDED (ug/l)	LCSD CONCENTRATION (ug/l)	LCSD % REC. #	% RPD #	QC LIMITS RPD	QC LIMITS REC.
Chloromethane	50.0	32.4	65	2	20	50 - 150
Vinyl chloride	50.0	32.3	65	21 *	20	50 - 150
Bromomethane	50.0	53.4	107	0.5	20	50 - 150
Chloroethane	50.0	39.2	78	10	20	50 - 150
Trichlorofluoromethane		55.9			20	50 - 150
1,1-Dichloroethene	50.0	57.4	115	3	20	50 - 150
1,1,2-Trichloro-1,2,2-trifluoroeth	50.0	53.9	108	1	20	50 - 150
Acetone	100	86.7	87	5	20	50 - 150
Carbon disulfide	50.0	47.3	95	0.2	20	50 - 150
Methyl acetate	50.0	39.6	79	1	20	50 - 150
Methylene chloride	50.0	50.7	101	1	20	50 - 150
trans-1,2-Dichloroethene	50.0	55.8	112	3	20	50 - 150
Methyl tert-butyl ether	50.0	59.4	119	4	20	50 - 150
1,1-Dichloroethane	50.0	53.2	106	2	20	50 - 150
cis-1,2-Dichloroethene	50.0	57.7	115	0.3	20	50 - 150
2-Butanone	100	99.8	100	0.4	20	50 - 150
Chloroform	50.0	59.1	118	3	20	50 - 150
1,1,1-Trichloroethane	50.0	60.9	122	5	20	50 - 150
Cyclohexane	50.0	46.3	93	4	20	50 - 150
Carbon Tetrachloride	50.0	61.8	124	5	20	50 - 150
Benzene	50.0	55.5	111	5	20	50 - 150
1,2-Dichloroethane	50.0	55.7	111	4	20	50 - 150
Trichloroethene	50.0	61.2	122	3	20	50 - 150
Methylcyclohexane	50.0	55.8	112	5	20	50 - 150
1,2-Dichloropropane	50.0	49.9	100	0.8	20	50 - 150
Bromodichloromethane	50.0	55.9	112	2	20	50 - 150
cis-1,3-Dichloropropene	50.0	54.8	110	3	20	50 - 150
4-Methyl-2-pentanone	100	96.6	97	5	20	50 - 150
Toluene	50.0	62.2	124	3	20	50 - 150
trans-1,3-Dichloropropene	50.0	54.6	109	2	20	50 - 150

LCS / LCS DUPLICATE RECOVERY

8260B

Laboratory:	Envirosystems, Inc.	SDG:	ARC0321
Client:	ARC Environmental	Project:	8260B
Matrix:	Water		
Batch:	0D90701	Laboratory ID:	0D90701-BSD1
Preparation:	8260B	Initial/Final:	5 ml / 5 mL

COMPOUND	SPIKE ADDED (ug/l)	LCSD CONCENTRATION (ug/l)	LCSD % REC. #	% RPD #	QC LIMITS RPD	QC LIMITS REC.
1,1,2-Trichloroethane	50.0	54.3	109	4	20	50 - 150
Tetrachloroethene	50.0	67.9	136	3	20	50 - 150
2-Hexanone	100	93.9	94	5	20	50 - 150
Dibromochloromethane	50.0	64.4	129	6	20	50 - 150
1,2-Dibromoethane	50.0	64.6	129	6	20	50 - 150
Chlorobenzene	50.0	61.7	123	3	20	50 - 150
Ethylbenzene	50.0	58.6	117	1	20	50 - 150
o-Xylene	50.0	60.4	121	1	20	50 - 150
m,p-Xylene	50.0	61.1	122	2	20	50 - 150
Xylene (Total)		ND			20	50 - 150
Styrene	50.0	61.6	123	1	20	50 - 150
Bromoform	50.0	57.7	115	4	20	50 - 150
Isopropylbenzene	50.0	62.0	124	0.06	20	50 - 150
1,1,2,2-Tetrachloroethane	50.0	58.1	116	6	20	50 - 150
1,3-Dichlorobenzene	50.0	64.5	129	2	20	50 - 150
1,4-Dichlorobenzene	50.0	65.8	132	3	20	50 - 150
1,2-Dichlorobenzene	50.0	65.4	131	4	20	50 - 150
1,2-Dibromo-3-chloropropane	50.0	62.0	124	11	20	50 - 150
1,2,4-Trichlorobenzene	50.0	69.2	138	4	20	50 - 150
Naphthalene	50.0	69.8	140	6	20	50 - 150
tert-Butyl Alcohol	250	36.3	15 *	11	20	50 - 150
Diisopropyl Ether	50.0	198	397 *	5	20	50 - 150
Ethyl tert-butyl ether	50.0	59.8	120	9	20	50 - 150
tert-Amyl methyl ether	50.0	58.3	117	2	20	50 - 150
tert-Amyl ethyl ether	50.0	50.5	101	0.9	20	50 - 150

Column to be used to flag recovery and RPD values with an asterisk

* Values outside of QC limits

LCS / LCS DUPLICATE RECOVERY

8260B

Laboratory: Envirosystems, Inc. SDG: ARC0321

Client: ARC Environmental Project: 8260B

Matrix: Water

Batch: 0D91401 Laboratory ID: 0D91401-BS1

Preparation: 8260B Initial/Final: 5 ml / 5 mL

COMPOUND	SPIKE ADDED (ug/l)	LCS CONCENTRATION (ug/l)	LCS % REC. #	QC LIMITS REC.
Dichlorodifluoromethane	50.0	36.1	72	50 - 150
Chloromethane	50.0	23.4	47 *	50 - 150
Vinyl chloride	50.0	30.1	60	50 - 150
Bromomethane	50.0	39.7	79	50 - 150
Chloroethane	50.0	38.3	77	50 - 150
Trichlorofluoromethane		44.0		50 - 150
1,1-Dichloroethene	50.0	42.4	85	50 - 150
1,1,2-Trichloro-1,2,2-trifluoroethane	50.0	41.0	82	50 - 150
Acetone	100	59.2	59	50 - 150
Carbon disulfide	50.0	34.1	68	50 - 150
Methyl acetate	50.0	25.6	51	50 - 150
Methylene chloride	50.0	37.0	74	50 - 150
trans-1,2-Dichloroethene	50.0	40.4	81	50 - 150
Methyl tert-butyl ether	50.0	39.8	80	50 - 150
1,1-Dichloroethane	50.0	37.5	75	50 - 150
cis-1,2-Dichloroethene	50.0	41.0	82	50 - 150
2-Butanone	100	67.1	67	50 - 150
Chloroform	50.0	42.1	84	50 - 150
1,1,1-Trichloroethane	50.0	43.0	86	50 - 150
Cyclohexane	50.0	31.1	62	50 - 150
Carbon Tetrachloride	50.0	43.9	88	50 - 150
Benzene	50.0	38.7	77	50 - 150
1,2-Dichloroethane	50.0	38.2	76	50 - 150
Trichloroethene	50.0	42.7	85	50 - 150
Methylcyclohexane	50.0	38.9	78	50 - 150
1,2-Dichloropropane	50.0	33.8	68	50 - 150
Bromodichloromethane	50.0	38.5	77	50 - 150
cis-1,3-Dichloropropene	50.0	37.3	75	50 - 150
4-Methyl-2-pentanone	100	62.6	63	50 - 150
Toluene	50.0	42.3	85	50 - 150

LCS / LCS DUPLICATE RECOVERY

8260B

Laboratory:	Envirosystems, Inc.	SDG:	ARC0321
Client:	ARC Environmental	Project:	8260B
Matrix:	Water		
Batch:	0D91401	Laboratory ID:	0D91401-BS1
Preparation:	8260B	Initial/Final:	5 ml / 5 mL

COMPOUND	SPIKE ADDED (ug/l)	LCS CONCENTRATION (ug/l)	LCS % REC. #	QC LIMITS REC.
trans-1,3-Dichloropropene	50.0	36.4	73	50 - 150
1,1,2-Trichloroethane	50.0	39.0	78	50 - 150
Tetrachloroethene	50.0	46.6	93	50 - 150
2-Hexanone	100	58.7	59	50 - 150
Dibromochloromethane	50.0	42.3	85	50 - 150
1,2-Dibromoethane	50.0	42.2	84	50 - 150
Chlorobenzene	50.0	41.9	84	50 - 150
Ethylbenzene	50.0	40.3	81	50 - 150
o-Xylene	50.0	42.0	84	50 - 150
m,p-Xylene	50.0	41.8	84	50 - 150
Xylene (Total)		ND		50 - 150
Styrene	50.0	41.9	84	50 - 150
Bromoform	50.0	40.6	81	50 - 150
Isopropylbenzene	50.0	43.7	87	50 - 150
1,1,2,2-Tetrachloroethane	50.0	36.6	73	50 - 150
1,3-Dichlorobenzene	50.0	42.8	86	50 - 150
1,4-Dichlorobenzene	50.0	43.3	87	50 - 150
1,2-Dichlorobenzene	50.0	42.6	85	50 - 150
1,2-Dibromo-3-chloropropane	50.0	37.1	74	50 - 150
1,2,4-Trichlorobenzene	50.0	44.7	89	50 - 150
Naphthalene	50.0	43.2	86	50 - 150
tert-Butyl Alcohol	250	196	79	50 - 150
Diisopropyl Ether	50.0	131	262 *	50 - 150
Ethyl tert-butyl ether	50.0	37.4	75	50 - 150
tert-Amyl methyl ether	50.0	37.8	76	50 - 150
tert-Amyl ethyl ether	50.0	33.5	67	50 - 150

Column to be used to flag recovery and RPD values with an asterisk

* Values outside of QC limits

4. SVOA 8270C Data

4a. SVOA QC Summary Data

FORM 2
WATER SEMIVOLATILE SURROGATE RECOVERY

Lab Name: ENVIROSYSTEMS, INC Contract:

Lab Code: ENVSYS Case No.: SAS No.: SDG No.: I090415.B

	CLIENT SAMPLE NO.	S1 (NBZ) #	S2 (FBP) #	S3 #	S4 #	S5 (2FP) #	S6 (TBP) #	S7 (2CP) #	S8 (DCB) #	TOT OUT	
01	SBLK12	84	76	96	72	73	83	76	64	0	
02	SLCS51	86	82	90	79	79	92	83	72	0	
03	MW-1	86	76	76	75	75	88	77	66	0	
04	MW-2	78	72	54	59	65	91	71	60	0	
05	MW-3	78	72	72	71	69	89	71	60	0	
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		QC LIMITS	
S1	(NBZ) = Nitrobenzene-d5	(35-114)	
S2	(FBP) = 2-Fluorobiphenyl	(43-116)	
S3	= p-Terphenyl-d14	(33-141)	
S4	= Phenol-d6	(10-110)	
S5	(2FP) = 2-Fluorophenol	(21-110)	
S6	(TBP) = 2,4,6-Tribromophenol	(10-123)	
S7	(2CP) = 2-Chlorophenol-d4	(33-110)	(advisory)
S8	(DCB) = 1,2-Dichlorobenzene-d4	(16-110)	(advisory)

Column to be used to flag recovery values
* Values outside of contract required QC limits
D Surrogate diluted out

FORM 4
SEMIVOLATILE METHOD BLANK SUMMARY

CLIENT SAMPLE NO.

SBLK12

Lab Name: ENVIROSYSTEMS, INC Contract:

Lab Code: ENVSYS Case No.: SAS No.: SDG No.: I090415.B

Lab File ID: I002191 Lab Sample ID: 0C93101-BLK1

Instrument ID: HP73I Date Extracted: 03/30/09

Matrix: (soil/water) WATER Date Analyzed: 04/16/09

Level: (low/med) LOW Time Analyzed: 0355

THIS METHOD BLANK APPLIES TO THE FOLLOWING SAMPLES, MS and MSD:

	SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED
01	SLCS51	0C93101-BS1	I002192	04/16/09
02	MW-1	0090321-01	I002195	04/16/09
03	MW-2	0090321-02	I002196	04/16/09
04	MW-3	0090321-03	I002197	04/16/09
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COMMENTS:

FORM 5

SEMIVOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK

DECAFLUOROTRIPHENYLPHOSPHINE (DFTPP)

Lab Name: ENVIROSYSTEMS, INC Contract:

Lab Code: ENVSYS Case No.: SAS No.: SDG No.: I090415.B

Lab File ID: I002184 DFTPP Injection Date: 04/15/09

Instrument ID: HP73I DFTPP Injection Time: 2237

m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
51	10.0 - 80.0% of mass 198	34.6
68	Less than 2.0% of mass 69	0.4 (1.4)1
69	Mass 69 relative abundance	28.2
70	Less than 2.0% of mass 69	0.2 (0.6)1
127	10.0 - 80.0% of mass 198	45.4
197	Less than 2.0% of mass 198	0.0
198	Base Peak, 100% relative abundance	100.0
199	5.0 to 9.0% of mass 198	6.6
275	10.0 - 60.0% of mass 198	19.2
365	Greater than 1.0% of mass 198	1.74
441	Present, but less than mass 443	9.3
442	50.0 - 100.0% of mass 198	64.8
443	15.0 - 24.0% of mass 442	12.1 (18.7)2

1-Value is % mass 69 2-Value is % mass 442

THIS CHECK APPLIES TO THE FOLLOWING SAMPLES, MS, MSD, BLANKS, AND STANDARDS:

	EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
01	SSTD020AA	0001233-CAL1	I002185	04/15/09	2323
02	SSTD050AA	0001233-CAL2	I002186	04/16/09	0009
03	SSTD080AA	0001233-CAL3	I002187	04/16/09	0054
04	SSTD100AA	0001233-CAL4	I002188	04/16/09	0140
05	SSTD200AA	0001233-CAL5	I002189	04/16/09	0225
06	SBLK12	0C93101-BLK1	I002191	04/16/09	0355
07	SLCS51	0C93101-BS1	I002192	04/16/09	0440
08	MW-1	0090321-01	I002195	04/16/09	0654
09	MW-2	0090321-02	I002196	04/16/09	0739
10	MW-3	0090321-03	I002197	04/16/09	0824
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FORM 8
SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: ENVIROSYSTEMS, INC Contract:

Lab Code: ENVSYS Case No.: SAS No.: SDG No.: I090415.B

Lab File ID (Standard): I002186 Date Analyzed: 04/16/09

Instrument ID: HP73I Time Analyzed: 0009

	IS1(DCB) AREA	#	RT	#	IS2(NPT) AREA	#	RT	#	IS3(ANT) AREA	#	RT	#
12 HOUR STD	1453439		9.22		5491474		12.03		2656137		16.19	
UPPER LIMIT	4360317		9.72		16474422		12.53		7968411		16.69	
LOWER LIMIT	726720		8.72		2745737		11.53		1328069		15.69	
CLIENT SAMPLE NO.												
01 SBLK12	1643753		9.21		6259525		12.02		3109044		16.18	
02 SLCS51	1371723		9.22		5198302		12.02		2582620		16.18	
03 MW-1	1921851		9.21		7315338		12.02		3654265		16.18	
04 MW-2	1805468		9.21		6852696		12.02		3354249		16.18	
05 MW-3	1922670		9.21		7215430		12.02		3580737		16.18	
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IS1 (DCB) = 1,4-Dichlorobenzene-d4
IS2 (NPT) = Naphthalene-d8
IS3 (ANT) = Acenaphthene-d10

AREA UPPER LIMIT = +200% of internal standard area
AREA LOWER LIMIT = - 50% of internal standard area
RT UPPER LIMIT = + 0.50 minutes of internal standard RT
RT LOWER LIMIT = - 0.50 minutes of internal standard RT

Column used to flag internal standard area values with an asterisk.
* Values outside of QC limits.

FORM VIII SV

FORM 8
SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: ENVIROSYSTEMS, INC Contract:

Lab Code: ENVSYS Case No.: SAS No.: SDG No.: I090415.B

Lab File ID (Standard): I002186 Date Analyzed: 04/16/09

Instrument ID: HP73I Time Analyzed: 0009

	IS4(PHN) AREA	#	RT	#	IS5(CRY) AREA	#	RT	#	IS6(PRY) AREA	#	RT	#
12 HOUR STD	3341882		19.67		1659373		26.00		693467		29.16	
UPPER LIMIT	10025646		20.17		4978119		26.50		2080401		29.66	
LOWER LIMIT	1670941		19.17		829687		25.50		346734		28.66	
CLIENT SAMPLE NO.												
01 SBLK12	4097777		19.66		1805211		25.99		731762		29.15	
02 SLCS51	3386128		19.66		1500737		25.99		601735		29.15	
03 MW-1	4705411		19.66		2131091		25.99		868961		29.16	
04 MW-2	3833536		19.66		1743626		25.99		681469		29.16	
05 MW-3	4374530		19.66		1876560		25.99		768602		29.15	
06												
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IS4 (PHN) = Phenanthrene-d10
IS5 (CRY) = Chrysene-d12
IS6 (PRY) = Perylene-d12

AREA UPPER LIMIT = +200% of internal standard area
AREA LOWER LIMIT = - 50% of internal standard area
RT UPPER LIMIT = + 0.50 minutes of internal standard RT
RT LOWER LIMIT = - 0.50 minutes of internal standard RT

Column used to flag internal standard area values with an asterisk.
* Values outside of QC limits.

4b. SVOA Sample Data

FORM 1 ARC Environmental SAMPLE NO.

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

MW-1

Lab Name: ENVIROSYSTEMS, INC Contract:

Lab Code: ENVSYS Case No.: SAS No.: SDG No.: I090415.B

Matrix: (soil/water) WATER Lab Sample ID: 0090321-01

Sample wt/vol: 1000 (g/mL) ML Lab File ID: I002195

Level: (low/med) LOW Date Received: 03/30/09

% Moisture: _____ decanted: (Y/N)___ Date Extracted:03/30/09

Concentrated Extract Volume: 1000(uL) Date Analyzed: 04/16/09

Injection Volume: 2.0(uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: ___

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
108-95-2	Phenol	10	U
111-44-4	bis(2-Chloroethyl)Ether	10	U
95-57-8	2-Chlorophenol	10	U
95-48-7	2-Methylphenol	10	U
108-60-1	2,2'-oxybis(1-Chloropropane)	10	U
98-86-2	Acetophenone	10	U
106-44-5	4-Methylphenol	10	U
621-64-7	N-Nitroso-di-n-propylamine	10	U
67-72-1	Hexachloroethane	10	U
98-95-3	Nitrobenzene	10	U
78-59-1	Isophorone	10	U
88-75-5	2-Nitrophenol	10	U
105-67-9	2,4-Dimethylphenol	10	U
120-83-2	2,4-Dichlorophenol	10	U
91-20-3	Naphthalene	10	U
106-47-8	4-Chloroaniline	10	U
111-91-1	bis(2-Chloroethoxy)methane	10	U
87-68-3	Hexachlorobutadiene	10	U
105-60-2	Caprolactam	10	U
59-50-7	4-Chloro-3-methylphenol	10	U
91-57-6	2-Methylnaphthalene	10	U
77-47-4	Hexachlorocyclopentadiene	10	U
88-06-2	2,4,6-Trichlorophenol	10	U
95-95-4	2,4,5-Trichlorophenol	25	U
92-52-4	1,1'-Biphenyl	10	U
91-58-7	2-Chloronaphthalene	10	U
88-74-4	2-Nitroaniline	25	U
131-11-3	Dimethylphthalate	10	U
606-20-2	2,6-Dinitrotoluene	10	U
208-96-8	Acenaphthylene	10	U
99-09-2	3-Nitroaniline	25	U
83-32-9	Acenaphthene	10	U
51-28-5	2,4-Dinitrophenol	25	U

FORM 1 ARC Environmental SAMPLE NO.

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

MW-1

Lab Name: ENVIROSYSTEMS, INC Contract:

Lab Code: ENVSYS Case No.: SAS No.: SDG No.: I090415.B

Matrix: (soil/water) WATER Lab Sample ID: 0090321-01

Sample wt/vol: 1000 (g/mL) ML Lab File ID: I002195

Level: (low/med) LOW Date Received: 03/30/09

% Moisture: _____ decanted: (Y/N)___ Date Extracted:03/30/09

Concentrated Extract Volume: 1000(uL) Date Analyzed: 04/16/09

Injection Volume: 2.0(uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: ___

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
100-02-7	4-Nitrophenol	25	U
132-64-9	Dibenzofuran	10	U
121-14-2	2,4-Dinitrotoluene	10	U
84-66-2	Diethylphthalate	10	U
86-73-7	Fluorene	10	U
7005-72-3	4-Chlorophenyl-phenylether	10	U
100-01-6	4-Nitroaniline	25	U
534-52-1	4,6-Dinitro-2-methylphenol	25	U
86-30-6	N-Nitrosodiphenylamine (1)	10	U
101-55-3	4-Bromophenyl-phenylether	10	U
118-74-1	Hexachlorobenzene	10	U
1912-24-9	Atrazine	10	U
87-86-5	Pentachlorophenol	25	U
85-01-8	Phenanthrene	10	U
120-12-7	Anthracene	10	U
86-74-8	Carbazole	10	U
84-74-2	Di-n-butylphthalate	10	U
206-44-0	Fluoranthene	10	U
129-00-0	Pyrene	10	U
85-68-7	Butylbenzylphthalate	10	U
91-94-1	3,3'-Dichlorobenzidine	10	U
56-55-3	Benzo(a)anthracene	10	U
218-01-9	Chrysene	10	U
117-81-7	bis(2-Ethylhexyl)phthalate	10	U
117-84-0	Di-n-octylphthalate	10	U
205-99-2	Benzo(b)fluoranthene	10	U
207-08-9	Benzo(k)fluoranthene	10	U
50-32-8	Benzo(a)pyrene	10	U
193-39-5	Indeno(1,2,3-cd)pyrene	10	U
53-70-3	Dibenzo(a,h)anthracene	10	U
191-24-2	Benzo(g,h,i)perylene	10	U
541-73-1	1,3-Dichlorobenzene	10	U
106-46-7	1,4-Dichlorobenzene	10	U

(1) - Cannot be separated from Diphenylamine

FORM 1 ARC Environmental SAMPLE NO.

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

MW-1

Lab Name: ENVIROSYSTEMS, INC Contract:

Lab Code: ENVSYS Case No.: SAS No.: SDG No.: I090415.B

Matrix: (soil/water) WATER Lab Sample ID: 0090321-01

Sample wt/vol: 1000 (g/mL) ML Lab File ID: I002195

Level: (low/med) LOW Date Received: 03/30/09

% Moisture: _____ decanted: (Y/N)___ Date Extracted:03/30/09

Concentrated Extract Volume: 1000(uL) Date Analyzed: 04/16/09

Injection Volume: 2.0(uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: ___

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
95-50-1	1,2-Dichlorobenzene	10	U
120-82-1	1,2,4-Trichlorbenzene	10	U
110-86-1	Pyridine	10	U
122-66-7	1,2-Diphenylhydrazine	10	U
65-85-0	Benzoic Acid	10	U
92-87-5	Benzidine	10	U
62-75-9	N-Nitrosodimethylamine	10	U
62-53-3	Aniline	10	U
100-51-6	Benzyl alcohol	10	U
----------	Azobenzene	10	U
90-12-0	1-Methylnaphthalene	10	U
100-25-4	1,4-dinitrobenzene	10	U
103-23-1	Bis(2-ethylhexyl)adipate	10	U
528-29-0	1,2-Dinitrobenzene	10	U

FORM 1 ARC Environmental SAMPLE NO.

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

MW-2

Lab Name: ENVIROSYSTEMS, INC Contract:

Lab Code: ENVSYS Case No.: SAS No.: SDG No.: I090415.B

Matrix: (soil/water) WATER Lab Sample ID: 0090321-02

Sample wt/vol: 1000 (g/mL) ML Lab File ID: I002196

Level: (low/med) LOW Date Received: 03/30/09

% Moisture: ____ decanted: (Y/N)___ Date Extracted:03/30/09

Concentrated Extract Volume: 1000(uL) Date Analyzed: 04/16/09

Injection Volume: 2.0(uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: ___

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
108-95-2	Phenol	10	U
111-44-4	bis(2-Chloroethyl)Ether	10	U
95-57-8	2-Chlorophenol	10	U
95-48-7	2-Methylphenol	10	U
108-60-1	2,2'-oxybis(1-Chloropropane)	10	U
98-86-2	Acetophenone	10	U
106-44-5	4-Methylphenol	10	U
621-64-7	N-Nitroso-di-n-propylamine	10	U
67-72-1	Hexachloroethane	10	U
98-95-3	Nitrobenzene	10	U
78-59-1	Isophorone	10	U
88-75-5	2-Nitrophenol	10	U
105-67-9	2,4-Dimethylphenol	10	U
120-83-2	2,4-Dichlorophenol	10	U
91-20-3	Naphthalene	10	U
106-47-8	4-Chloroaniline	10	U
111-91-1	bis(2-Chloroethoxy)methane	10	U
87-68-3	Hexachlorobutadiene	10	U
105-60-2	Caprolactam	10	U
59-50-7	4-Chloro-3-methylphenol	10	U
91-57-6	2-Methylnaphthalene	10	U
77-47-4	Hexachlorocyclopentadiene	10	U
88-06-2	2,4,6-Trichlorophenol	10	U
95-95-4	2,4,5-Trichlorophenol	25	U
92-52-4	1,1'-Biphenyl	10	U
91-58-7	2-Chloronaphthalene	10	U
88-74-4	2-Nitroaniline	25	U
131-11-3	Dimethylphthalate	10	U
606-20-2	2,6-Dinitrotoluene	10	U
208-96-8	Acenaphthylene	10	U
99-09-2	3-Nitroaniline	25	U
83-32-9	Acenaphthene	10	U
51-28-5	2,4-Dinitrophenol	25	U

FORM 1 ARC Environmental SAMPLE NO.

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

MW-2

Lab Name: ENVIROSYSTEMS, INC Contract:

Lab Code: ENVSYS Case No.: SAS No.: SDG No.: I090415.B

Matrix: (soil/water) WATER Lab Sample ID: 0090321-02

Sample wt/vol: 1000 (g/mL) ML Lab File ID: I002196

Level: (low/med) LOW Date Received: 03/30/09

% Moisture: _____ decanted: (Y/N)___ Date Extracted:03/30/09

Concentrated Extract Volume: 1000(uL) Date Analyzed: 04/16/09

Injection Volume: 2.0(uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: ___

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
100-02-7	4-Nitrophenol	25	U
132-64-9	Dibenzofuran	10	U
121-14-2	2,4-Dinitrotoluene	10	U
84-66-2	Diethylphthalate	10	U
86-73-7	Fluorene	10	U
7005-72-3	4-Chlorophenyl-phenylether	10	U
100-01-6	4-Nitroaniline	25	U
534-52-1	4,6-Dinitro-2-methylphenol	25	U
86-30-6	N-Nitrosodiphenylamine (1)	10	U
101-55-3	4-Bromophenyl-phenylether	10	U
118-74-1	Hexachlorobenzene	10	U
1912-24-9	Atrazine	10	U
87-86-5	Pentachlorophenol	25	U
85-01-8	Phenanthrene	10	U
120-12-7	Anthracene	10	U
86-74-8	Carbazole	10	U
84-74-2	Di-n-butylphthalate	10	U
206-44-0	Fluoranthene	10	U
129-00-0	Pyrene	10	U
85-68-7	Butylbenzylphthalate	10	U
91-94-1	3,3'-Dichlorobenzidine	10	U
56-55-3	Benzo(a)anthracene	10	U
218-01-9	Chrysene	10	U
117-81-7	bis(2-Ethylhexyl)phthalate	10	U
117-84-0	Di-n-octylphthalate	10	U
205-99-2	Benzo(b)fluoranthene	10	U
207-08-9	Benzo(k)fluoranthene	10	U
50-32-8	Benzo(a)pyrene	10	U
193-39-5	Indeno(1,2,3-cd)pyrene	10	U
53-70-3	Dibenzo(a,h)anthracene	10	U
191-24-2	Benzo(g,h,i)perylene	10	U
541-73-1	1,3-Dichlorobenzene	10	U
106-46-7	1,4-Dichlorobenzene	10	U

(1) - Cannot be separated from Diphenylamine

FORM 1 ARC Environmental SAMPLE NO.

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

MW-2

Lab Name: ENVIROSYSTEMS, INC Contract:

Lab Code: ENVSYS Case No.: SAS No.: SDG No.: I090415.B

Matrix: (soil/water) WATER Lab Sample ID: 0090321-02

Sample wt/vol: 1000 (g/mL) ML Lab File ID: I002196

Level: (low/med) LOW Date Received: 03/30/09

% Moisture: _____ decanted: (Y/N)___ Date Extracted:03/30/09

Concentrated Extract Volume: 1000(uL) Date Analyzed: 04/16/09

Injection Volume: 2.0(uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: ___

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
95-50-1	1,2-Dichlorobenzene	10	U
120-82-1	1,2,4-Trichlorbenzene	10	U
110-86-1	Pyridine	10	U
122-66-7	1,2-Diphenylhydrazine	10	U
65-85-0	Benzoic Acid	10	U
92-87-5	Benzidine	10	U
62-75-9	N-Nitrosodimethylamine	10	U
62-53-3	Aniline	10	U
100-51-6	Benzyl alcohol	10	U
----------	Azobenzene	10	U
90-12-0	1-Methylnaphthalene	10	U
100-25-4	1,4-dinitrobenzene	10	U
103-23-1	Bis(2-ethylhexyl)adipate	10	U
528-29-0	1,2-Dinitrobenzene	10	U

FORM 1 ARC Environmental SAMPLE NO.

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

MW-3

Lab Name: ENVIROSYSTEMS, INC Contract:

Lab Code: ENVSYS Case No.: SAS No.: SDG No.: I090415.B

Matrix: (soil/water) WATER Lab Sample ID: 0090321-03

Sample wt/vol: 1000 (g/mL) ML Lab File ID: I002197

Level: (low/med) LOW Date Received: 03/30/09

% Moisture: _____ decanted: (Y/N)___ Date Extracted:03/30/09

Concentrated Extract Volume: 1000(uL) Date Analyzed: 04/16/09

Injection Volume: 2.0(uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: ___

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
108-95-2	Phenol	10	U
111-44-4	bis(2-Chloroethyl)Ether	10	U
95-57-8	2-Chlorophenol	10	U
95-48-7	2-Methylphenol	10	U
108-60-1	2,2'-oxybis(1-Chloropropane)	10	U
98-86-2	Acetophenone	10	U
106-44-5	4-Methylphenol	10	U
621-64-7	N-Nitroso-di-n-propylamine	10	U
67-72-1	Hexachloroethane	10	U
98-95-3	Nitrobenzene	10	U
78-59-1	Isophorone	10	U
88-75-5	2-Nitrophenol	10	U
105-67-9	2,4-Dimethylphenol	10	U
120-83-2	2,4-Dichlorophenol	10	U
91-20-3	Naphthalene	10	U
106-47-8	4-Chloroaniline	10	U
111-91-1	bis(2-Chloroethoxy)methane	10	U
87-68-3	Hexachlorobutadiene	10	U
105-60-2	Caprolactam	10	U
59-50-7	4-Chloro-3-methylphenol	10	U
91-57-6	2-Methylnaphthalene	10	U
77-47-4	Hexachlorocyclopentadiene	10	U
88-06-2	2,4,6-Trichlorophenol	10	U
95-95-4	2,4,5-Trichlorophenol	25	U
92-52-4	1,1'-Biphenyl	10	U
91-58-7	2-Chloronaphthalene	10	U
88-74-4	2-Nitroaniline	25	U
131-11-3	Dimethylphthalate	10	U
606-20-2	2,6-Dinitrotoluene	10	U
208-96-8	Acenaphthylene	10	U
99-09-2	3-Nitroaniline	25	U
83-32-9	Acenaphthene	10	U
51-28-5	2,4-Dinitrophenol	25	U

FORM 1 ARC Environmental SAMPLE NO.

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

MW-3

Lab Name: ENVIROSYSTEMS, INC Contract:

Lab Code: ENVSYS Case No.: SAS No.: SDG No.: I090415.B

Matrix: (soil/water) WATER Lab Sample ID: 0090321-03

Sample wt/vol: 1000 (g/mL) ML Lab File ID: I002197

Level: (low/med) LOW Date Received: 03/30/09

% Moisture: _____ decanted: (Y/N)___ Date Extracted:03/30/09

Concentrated Extract Volume: 1000(uL) Date Analyzed: 04/16/09

Injection Volume: 2.0(uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: ___

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
100-02-7	4-Nitrophenol	25	U
132-64-9	Dibenzofuran	10	U
121-14-2	2,4-Dinitrotoluene	10	U
84-66-2	Diethylphthalate	10	U
86-73-7	Fluorene	10	U
7005-72-3	4-Chlorophenyl-phenylether	10	U
100-01-6	4-Nitroaniline	25	U
534-52-1	4,6-Dinitro-2-methylphenol	25	U
86-30-6	N-Nitrosodiphenylamine (1)	10	U
101-55-3	4-Bromophenyl-phenylether	10	U
118-74-1	Hexachlorobenzene	10	U
1912-24-9	Atrazine	10	U
87-86-5	Pentachlorophenol	25	U
85-01-8	Phenanthrene	10	U
120-12-7	Anthracene	10	U
86-74-8	Carbazole	10	U
84-74-2	Di-n-butylphthalate	10	U
206-44-0	Fluoranthene	10	U
129-00-0	Pyrene	10	U
85-68-7	Butylbenzylphthalate	10	U
91-94-1	3,3'-Dichlorobenzidine	10	U
56-55-3	Benzo(a)anthracene	10	U
218-01-9	Chrysene	10	U
117-81-7	bis(2-Ethylhexyl)phthalate	10	U
117-84-0	Di-n-octylphthalate	10	U
205-99-2	Benzo(b)fluoranthene	10	U
207-08-9	Benzo(k)fluoranthene	10	U
50-32-8	Benzo(a)pyrene	10	U
193-39-5	Indeno(1,2,3-cd)pyrene	10	U
53-70-3	Dibenzo(a,h)anthracene	10	U
191-24-2	Benzo(g,h,i)perylene	10	U
541-73-1	1,3-Dichlorobenzene	10	U
106-46-7	1,4-Dichlorobenzene	10	U

(1) - Cannot be separated from Diphenylamine

FORM 1 ARC Environmental SAMPLE NO.

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

MW-3

Lab Name: ENVIROSYSTEMS, INC Contract:

Lab Code: ENVSYS Case No.: SAS No.: SDG No.: I090415.B

Matrix: (soil/water) WATER Lab Sample ID: 0090321-03

Sample wt/vol: 1000 (g/mL) ML Lab File ID: I002197

Level: (low/med) LOW Date Received: 03/30/09

% Moisture: _____ decanted: (Y/N)___ Date Extracted:03/30/09

Concentrated Extract Volume: 1000(uL) Date Analyzed: 04/16/09

Injection Volume: 2.0(uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: ___

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
95-50-1	1,2-Dichlorobenzene	10	U
120-82-1	1,2,4-Trichlorbenzene	10	U
110-86-1	Pyridine	10	U
122-66-7	1,2-Diphenylhydrazine	10	U
65-85-0	Benzoic Acid	10	U
92-87-5	Benzidine	10	U
62-75-9	N-Nitrosodimethylamine	10	U
62-53-3	Aniline	10	U
100-51-6	Benzyl alcohol	10	U
----------	Azobenzene	10	U
90-12-0	1-Methylnaphthalene	10	U
100-25-4	1,4-dinitrobenzene	10	U
103-23-1	Bis(2-ethylhexyl)adipate	10	U
528-29-0	1,2-Dinitrobenzene	10	U

4c. SVOA QC Data

FORM 1
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.
SBLK12

Lab Name: ENVIROSYSTEMS, INC Contract:

Lab Code: ENVSYS Case No.: SAS No.: SDG No.: I090415.B

Matrix: (soil/water) WATER Lab Sample ID: 0C93101-BLK1

Sample wt/vol: 1000 (g/mL) ML Lab File ID: I002191

Level: (low/med) LOW Date Received: _____

% Moisture: _____ decanted: (Y/N)___ Date Extracted:03/30/09

Concentrated Extract Volume: 1000(uL) Date Analyzed: 04/16/09

Injection Volume: 2.0(uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: ___

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
108-95-2	Phenol	10	U
111-44-4	bis(2-Chloroethyl)Ether	10	U
95-57-8	2-Chlorophenol	10	U
95-48-7	2-Methylphenol	10	U
108-60-1	2,2'-oxybis(1-Chloropropane)	10	U
98-86-2	Acetophenone	10	U
106-44-5	4-Methylphenol	10	U
621-64-7	N-Nitroso-di-n-propylamine	10	U
67-72-1	Hexachloroethane	10	U
98-95-3	Nitrobenzene	10	U
78-59-1	Isophorone	10	U
88-75-5	2-Nitrophenol	10	U
105-67-9	2,4-Dimethylphenol	10	U
120-83-2	2,4-Dichlorophenol	10	U
91-20-3	Naphthalene	10	U
106-47-8	4-Chloroaniline	10	U
111-91-1	bis(2-Chloroethoxy)methane	10	U
87-68-3	Hexachlorobutadiene	10	U
105-60-2	Caprolactam	10	U
59-50-7	4-Chloro-3-methylphenol	10	U
91-57-6	2-Methylnaphthalene	10	U
77-47-4	Hexachlorocyclopentadiene	10	U
88-06-2	2,4,6-Trichlorophenol	10	U
95-95-4	2,4,5-Trichlorophenol	25	U
92-52-4	1,1'-Biphenyl	10	U
91-58-7	2-Chloronaphthalene	10	U
88-74-4	2-Nitroaniline	25	U
131-11-3	Dimethylphthalate	10	U
606-20-2	2,6-Dinitrotoluene	10	U
208-96-8	Acenaphthylene	10	U
99-09-2	3-Nitroaniline	25	U
83-32-9	Acenaphthene	10	U
51-28-5	2,4-Dinitrophenol	25	U

FORM 1
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.
SBLK12

Lab Name: ENVIROSYSTEMS, INC Contract:

Lab Code: ENVSYS Case No.: SAS No.: SDG No.: I090415.B

Matrix: (soil/water) WATER Lab Sample ID: 0C93101-BLK1

Sample wt/vol: 1000 (g/mL) ML Lab File ID: I002191

Level: (low/med) LOW Date Received: _____

% Moisture: _____ decanted: (Y/N)___ Date Extracted:03/30/09

Concentrated Extract Volume: 1000(uL) Date Analyzed: 04/16/09

Injection Volume: 2.0(uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: ___

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
100-02-7	4-Nitrophenol	25	U
132-64-9	Dibenzofuran	10	U
121-14-2	2,4-Dinitrotoluene	10	U
84-66-2	Diethylphthalate	10	U
86-73-7	Fluorene	10	U
7005-72-3	4-Chlorophenyl-phenylether	10	U
100-01-6	4-Nitroaniline	25	U
534-52-1	4,6-Dinitro-2-methylphenol	25	U
86-30-6	N-Nitrosodiphenylamine (1)	10	U
101-55-3	4-Bromophenyl-phenylether	10	U
118-74-1	Hexachlorobenzene	10	U
1912-24-9	Atrazine	10	U
87-86-5	Pentachlorophenol	25	U
85-01-8	Phenanthrene	10	U
120-12-7	Anthracene	10	U
86-74-8	Carbazole	10	U
84-74-2	Di-n-butylphthalate	10	U
206-44-0	Fluoranthene	10	U
129-00-0	Pyrene	10	U
85-68-7	Butylbenzylphthalate	10	U
91-94-1	3,3'-Dichlorobenzidine	10	U
56-55-3	Benzo(a)anthracene	10	U
218-01-9	Chrysene	10	U
117-81-7	bis(2-Ethylhexyl)phthalate	10	U
117-84-0	Di-n-octylphthalate	10	U
205-99-2	Benzo(b)fluoranthene	10	U
207-08-9	Benzo(k)fluoranthene	10	U
50-32-8	Benzo(a)pyrene	10	U
193-39-5	Indeno(1,2,3-cd)pyrene	10	U
53-70-3	Dibenzo(a,h)anthracene	10	U
191-24-2	Benzo(g,h,i)perylene	10	U
541-73-1	1,3-Dichlorobenzene	10	U
106-46-7	1,4-Dichlorobenzene	10	U

(1) - Cannot be separated from Diphenylamine

FORM 1
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.
SBLK12

Lab Name: ENVIROSYSTEMS, INC Contract:

Lab Code: ENVSYS Case No.: SAS No.: SDG No.: I090415.B

Matrix: (soil/water) WATER Lab Sample ID: 0C93101-BLK1

Sample wt/vol: 1000 (g/mL) ML Lab File ID: I002191

Level: (low/med) LOW Date Received: _____

% Moisture: _____ decanted: (Y/N)___ Date Extracted:03/30/09

Concentrated Extract Volume: 1000(uL) Date Analyzed: 04/16/09

Injection Volume: 2.0(uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: ___

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
95-50-1	1,2-Dichlorobenzene	10	U
120-82-1	1,2,4-Trichlorbenzene	10	U
110-86-1	Pyridine	10	U
122-66-7	1,2-Diphenylhydrazine	10	U
65-85-0	Benzoic Acid	10	U
92-87-5	Benzidine	10	U
62-75-9	N-Nitrosodimethylamine	10	U
62-53-3	Aniline	10	U
100-51-6	Benzyl alcohol	10	U
----------	Azobenzene	10	U
90-12-0	1-Methylnaphthalene	10	U
100-25-4	1,4-dinitrobenzene	10	U
103-23-1	Bis(2-ethylhexyl)adipate	10	U
528-29-0	1,2-Dinitrobenzene	10	U

FORM 1
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.
SLCS51

Lab Name: ENVIROSYSTEMS, INC Contract:

Lab Code: ENVSYS Case No.: SAS No.: SDG No.: I090415.B

Matrix: (soil/water) WATER Lab Sample ID: 0C93101-BS1

Sample wt/vol: 1000 (g/mL) ML Lab File ID: I002192

Level: (low/med) LOW Date Received: _____

% Moisture: _____ decanted: (Y/N)___ Date Extracted:03/30/09

Concentrated Extract Volume: 1000(uL) Date Analyzed: 04/16/09

Injection Volume: 2.0(uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: ___

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
108-95-2	Phenol	63	
111-44-4	bis(2-Chloroethyl)Ether	10	U
95-57-8	2-Chlorophenol	69	
95-48-7	2-Methylphenol	10	U
108-60-1	2,2'-oxybis(1-Chloropropane)	10	U
98-86-2	Acetophenone	60	
106-44-5	4-Methylphenol	10	U
621-64-7	N-Nitroso-di-n-propylamine	43	
67-72-1	Hexachloroethane	10	U
98-95-3	Nitrobenzene	10	U
78-59-1	Isophorone	10	U
88-75-5	2-Nitrophenol	10	U
105-67-9	2,4-Dimethylphenol	10	U
120-83-2	2,4-Dichlorophenol	10	U
91-20-3	Naphthalene	10	U
106-47-8	4-Chloroaniline	10	U
111-91-1	bis(2-Chloroethoxy)methane	10	U
87-68-3	Hexachlorobutadiene	10	U
105-60-2	Caprolactam	10	U
59-50-7	4-Chloro-3-methylphenol	60	
91-57-6	2-Methylnaphthalene	10	U
77-47-4	Hexachlorocyclopentadiene	10	U
88-06-2	2,4,6-Trichlorophenol	10	U
95-95-4	2,4,5-Trichlorophenol	25	U
92-52-4	1,1'-Biphenyl	10	U
91-58-7	2-Chloronaphthalene	10	U
88-74-4	2-Nitroaniline	25	U
131-11-3	Dimethylphthalate	10	U
606-20-2	2,6-Dinitrotoluene	10	U
208-96-8	Acenaphthylene	10	U
99-09-2	3-Nitroaniline	25	U
83-32-9	Acenaphthene	46	
51-28-5	2,4-Dinitrophenol	25	U

FORM 1
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.
SLCS51

Lab Name: ENVIROSYSTEMS, INC Contract:

Lab Code: ENVSYS Case No.: SAS No.: SDG No.: I090415.B

Matrix: (soil/water) WATER Lab Sample ID: 0C93101-BS1

Sample wt/vol: 1000 (g/mL) ML Lab File ID: I002192

Level: (low/med) LOW Date Received: _____

% Moisture: _____ decanted: (Y/N)___ Date Extracted:03/30/09

Concentrated Extract Volume: 1000(uL) Date Analyzed: 04/16/09

Injection Volume: 2.0(uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: ___

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
100-02-7	4-Nitrophenol	62	
132-64-9	Dibenzofuran	10	U
121-14-2	2,4-Dinitrotoluene	13	
84-66-2	Diethylphthalate	10	U
86-73-7	Fluorene	10	U
7005-72-3	4-Chlorophenyl-phenylether	10	U
100-01-6	4-Nitroaniline	25	U
534-52-1	4,6-Dinitro-2-methylphenol	25	U
86-30-6	N-Nitrosodiphenylamine (1)	10	U
101-55-3	4-Bromophenyl-phenylether	10	U
118-74-1	Hexachlorobenzene	10	U
1912-24-9	Atrazine	10	U
87-86-5	Pentachlorophenol	59	
85-01-8	Phenanthrene	10	U
120-12-7	Anthracene	10	U
86-74-8	Carbazole	10	U
84-74-2	Di-n-butylphthalate	10	U
206-44-0	Fluoranthene	10	U
129-00-0	Pyrene	54	
85-68-7	Butylbenzylphthalate	10	U
91-94-1	3,3'-Dichlorobenzidine	10	U
56-55-3	Benzo(a)anthracene	10	U
218-01-9	Chrysene	10	U
117-81-7	bis(2-Ethylhexyl)phthalate	10	U
117-84-0	Di-n-octylphthalate	10	U
205-99-2	Benzo(b)fluoranthene	10	U
207-08-9	Benzo(k)fluoranthene	10	U
50-32-8	Benzo(a)pyrene	10	U
193-39-5	Indeno(1,2,3-cd)pyrene	10	U
53-70-3	Dibenzo(a,h)anthracene	10	U
191-24-2	Benzo(g,h,i)perylene	10	U
541-73-1	1,3-Dichlorobenzene	32	
106-46-7	1,4-Dichlorobenzene	10	U

(1) - Cannot be separated from Diphenylamine

FORM 1
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.
SLCS51

Lab Name: ENVIROSYSTEMS, INC Contract:

Lab Code: ENVSYS Case No.: SAS No.: SDG No.: I090415.B

Matrix: (soil/water) WATER Lab Sample ID: 0C93101-BS1

Sample wt/vol: 1000 (g/mL) ML Lab File ID: I002192

Level: (low/med) LOW Date Received: _____

% Moisture: _____ decanted: (Y/N)___ Date Extracted:03/30/09

Concentrated Extract Volume: 1000(uL) Date Analyzed: 04/16/09

Injection Volume: 2.0(uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: ___

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
95-50-1	1,2-Dichlorobenzene	10	U
120-82-1	1,2,4-Trichlorbenzene	35	
110-86-1	Pyridine	10	U
122-66-7	1,2-Diphenylhydrazine	10	U
65-85-0	Benzoic Acid	10	U
92-87-5	Benzidine	10	U
62-75-9	N-Nitrosodimethylamine	10	U
62-53-3	Aniline	10	U
100-51-6	Benzyl alcohol	10	U
----------	Azobenzene	10	U
90-12-0	1-Methylnaphthalene	10	U
100-25-4	1,4-dinitrobenzene	10	U
103-23-1	Bis(2-ethylhexyl)adipate	10	U
528-29-0	1,2-Dinitrobenzene	10	U

5. GRO Data

ORGANIC ANALYSIS DATA SHEET
EPA 8015M

MW-1

Laboratory:	Envirosystems, Inc.		SDG:	ARC0321	
Client:	ARC Environmental		Project:	8260B	
Matrix:	Water	Laboratory ID:	0090321-01	File ID:	H005707.D
Sampled:	03/29/09 00:00	Prepared:	04/01/09 12:07	Analyzed:	04/01/09 20:27
Solids:		Preparation:	TPH-GRO	Initial/Final:	5 ml / 5 mL
Batch:	0D90103	Sequence: 0001211		Calibration:	09D0005
Instrument:	HP75H				

CAS NO.	COMPOUND	DILUTION	CONC. (ug/l)	Q
NA	Gasoline Range Organics	1	40.0	U

SYSTEM MONITORING COMPOUND	ADDED (ug/l)	CONC (ug/l)	% REC	QC LIMITS	Q
Bromofluorobenzene	50.0	39.3	79	30 - 150	

* Values outside of QC limits

ORGANIC ANALYSIS DATA SHEET
EPA 8015M

MW-2

Laboratory:	Envirosystems, Inc.		SDG:	ARC0321	
Client:	ARC Environmental		Project:	8260B	
Matrix:	Water	Laboratory ID:	0090321-02	File ID:	H005708.D
Sampled:	03/29/09 00:00	Prepared:	04/01/09 12:07	Analyzed:	04/01/09 20:56
Solids:		Preparation:	TPH-GRO	Initial/Final:	5 ml / 5 mL
Batch:	0D90103	Sequence:	0001211	Calibration:	09D0005

Instrument: HP75H

CAS NO.	COMPOUND	DILUTION	CONC. (ug/l)	Q
NA	Gasoline Range Organics	1	40.0	U

SYSTEM MONITORING COMPOUND	ADDED (ug/l)	CONC (ug/l)	% REC	QC LIMITS	Q
Bromofluorobenzene	50.0	34.5	69	30 - 150	

* Values outside of QC limits

ORGANIC ANALYSIS DATA SHEET
EPA 8015M

MW-3

Laboratory:	Envirosystems, Inc.		SDG:	ARC0321	
Client:	ARC Environmental		Project:	8260B	
Matrix:	Water	Laboratory ID:	0090321-03	File ID:	H005709.D
Sampled:	03/29/09 00:00	Prepared:	04/01/09 12:07	Analyzed:	04/01/09 21:25
Solids:		Preparation:	TPH-GRO	Initial/Final:	5 ml / 5 mL
Batch:	0D90103	Sequence:	0001211	Calibration:	09D0005
Instrument:	HP75H				

CAS NO.	COMPOUND	DILUTION	CONC. (ug/l)	Q
NA	Gasoline Range Organics	1	40.0	U

SYSTEM MONITORING COMPOUND	ADDED (ug/l)	CONC (ug/l)	% REC	QC LIMITS	Q
Bromofluorobenzene	50.0	34.1	68	30 - 150	

* Values outside of QC limits

ORGANIC ANALYSIS DATA SHEET
EPA 8015M

MW-4

Laboratory:	Envirosystems, Inc.		SDG:	ARC0321	
Client:	ARC Environmental		Project:	8260B	
Matrix:	Water	Laboratory ID:	0090321-04	File ID:	H005710.D
Sampled:	03/29/09 00:00	Prepared:	04/01/09 12:07	Analyzed:	04/01/09 21:54
Solids:		Preparation:	TPH-GRO	Initial/Final:	5 ml / 5 mL
Batch:	0D90103	Sequence:	0001211	Calibration:	09D0005

Instrument: HP75H

CAS NO.	COMPOUND	DILUTION	CONC. (ug/l)	Q
NA	Gasoline Range Organics	1	28.3	J

SYSTEM MONITORING COMPOUND	ADDED (ug/l)	CONC (ug/l)	% REC	QC LIMITS	Q
Bromofluorobenzene	50.0	48.4	97	30 - 150	

* Values outside of QC limits

METHOD BLANK DATA SHEET
EPA 8015M

Laboratory:	Envirosystems, Inc.		SDG:	ARC0321	
Client:	ARC Environmental		Project:	8260B	
Matrix:	Water	Laboratory ID:	0D90103-BLK1	File ID:	H005697.D
Prepared:	04/01/09 12:07	Preparation:	TPH-GRO	Initial/Final:	5 ml / 5 mL
Analyzed:	04/01/09 15:33	Instrument:	HP75H		
Batch:	0D90103	Sequence:	0001211	Calibration:	09D0005

CAS NO.	COMPOUND	CONC. (ug/l)	Q
NA	Gasoline Range Organics	40.0	U

SYSTEM MONITORING COMPOUND	ADDED (ug/l)	CONC (ug/l)	% REC	QC LIMITS	Q
Bromofluorobenzene	50.0	41.5	83	30 - 150	

LCS / LCS DUPLICATE RECOVERY
EPA 8015M

Laboratory:	Envirosystems, Inc.	SDG:	ARC0321
Client:	ARC Environmental	Project:	8260B
Matrix:	Water		
Batch:	0D90103	Laboratory ID:	0D90103-BS1
Preparation:	TPH-GRO	Initial/Final:	5 ml / 5 mL

COMPOUND	SPIKE ADDED (ug/l)	LCS CONCENTRATION (ug/l)	LCS % REC. #	QC LIMITS REC.
Gasoline Range Organics	50.0	50.6	101	80 - 120

Column to be used to flag recovery and RPD values with an asterisk

* Values outside of QC limits

6. DRO data

ORGANIC ANALYSIS DATA SHEET
TPH-DRO(8015)

MW-1

Laboratory:	Envirosystems, Inc.			SDG:	ARC0321
Client:	ARC Environmental			Project:	8260B
Matrix:	Water	Laboratory ID:	0090321-01	File ID:	G001555.D
Sampled:	03/29/09 00:00	Prepared:	03/31/09 13:25	Analyzed:	04/09/09 11:31
Solids:		Preparation:	TPH-DRO	Initial/Final:	1 L / 1 ml
Batch:	0C93102	Sequence:	0001223	Calibration:	09D0006
Instrument:	HP73G				

CAS NO.	COMPOUND	DILUTION	CONC. (ug/l)	Q
C-999	Diesel Range Organics	1	40.0	U

SYSTEM MONITORING COMPOUND	ADDED (ug/l)	CONC (ug/l)	% REC	QC LIMITS	Q
n-Pentacosane	50.0	36.33	73	30 - 150	

* Values outside of QC limits

ORGANIC ANALYSIS DATA SHEET
TPH-DRO(8015)

MW-2

Laboratory:	Envirosystems, Inc.		SDG:	ARC0321	
Client:	ARC Environmental		Project:	8260B	
Matrix:	Water	Laboratory ID:	0090321-02	File ID:	G001556.D
Sampled:	03/29/09 00:00	Prepared:	03/31/09 13:25	Analyzed:	04/09/09 11:53
Solids:		Preparation:	TPH-DRO	Initial/Final:	1 L / 1 ml
Batch:	0C93102	Sequence: 0001223	Calibration:	09D0006	Instrument: HP73G

CAS NO.	COMPOUND	DILUTION	CONC. (ug/l)	Q
C-999	Diesel Range Organics	1	40.0	U

SYSTEM MONITORING COMPOUND	ADDED (ug/l)	CONC (ug/l)	% REC	QC LIMITS	Q
n-Pentacosane	50.0	38.36	77	30 - 150	

* Values outside of QC limits

ORGANIC ANALYSIS DATA SHEET
TPH-DRO(8015)

MW-3

Laboratory:	Envirosystems, Inc.		SDG:	ARC0321	
Client:	ARC Environmental		Project:	8260B	
Matrix:	Water	Laboratory ID:	0090321-03	File ID:	G001557.D
Sampled:	03/29/09 00:00	Prepared:	03/31/09 13:25	Analyzed:	04/09/09 12:15
Solids:		Preparation:	TPH-DRO	Initial/Final:	1 L / 1 ml
Batch:	0C93102	Sequence: 0001223	Calibration:	09D0006	Instrument: HP73G

CAS NO.	COMPOUND	DILUTION	CONC. (ug/l)	Q
C-999	Diesel Range Organics	1	40.0	U

SYSTEM MONITORING COMPOUND	ADDED (ug/l)	CONC (ug/l)	% REC	QC LIMITS	Q
n-Pentacosane	50.0	35.65	71	30 - 150	

* Values outside of QC limits

ORGANIC ANALYSIS DATA SHEET
TPH-DRO(8015)

MW-4

Laboratory:	Envirosystems, Inc.			SDG:	ARC0321
Client:	ARC Environmental			Project:	8260B
Matrix:	Water	Laboratory ID:	0090321-04	File ID:	G001558.D
Sampled:	03/29/09 00:00	Prepared:	03/31/09 13:25	Analyzed:	04/09/09 12:38
Solids:		Preparation:	TPH-DRO	Initial/Final:	1 L / 1 ml
Batch:	0C93102	Sequence:	0001223	Calibration:	09D0006
Instrument:	HP73G				

CAS NO.	COMPOUND	DILUTION	CONC. (ug/l)	Q
C-999	Diesel Range Organics	1	84.6	

SYSTEM MONITORING COMPOUND	ADDED (ug/l)	CONC (ug/l)	% REC	QC LIMITS	Q
n-Pentacosane	50.0	41.91	84	30 - 150	

* Values outside of QC limits

METHOD BLANK DATA SHEET
TPH-DRO(8015)

Laboratory:	Envirosystems, Inc.		SDG:	ARC0321	
Client:	ARC Environmental		Project:	8260B	
Matrix:	Water	Laboratory ID:	0C93102-BLK1	File ID:	G001554.D
Prepared:	03/31/09 13:25	Preparation:	TPH-DRO	Initial/Final:	1 L / 1 ml
Analyzed:	04/09/09 11:08	Instrument:	HP73G		
Batch:	0C93102	Sequence:	0001223	Calibration:	09D0006

CAS NO.	COMPOUND	CONC. (ug/l)	Q
C-999	Diesel Range Organics	40.0	U

SYSTEM MONITORING COMPOUND	ADDED (ug/l)	CONC (ug/l)	% REC	QC LIMITS	Q
n-Pentacosane	50.0	36.41	73	30 - 150	

7. Priority Pollutant Metals Data

PROJECT NAME: ARC

REPORT DATE: 13-Apr-09

Client ID: MW-1 Lab ID: 0090321-01 SAMPLE MATRIX-water

DATE SAMPLED: 3/30/09 SAMPLE SITE-Lot J

ANALYSIS	METHOD	ANALYSIS DATE	BY	RESULT	UNITS	DET. LIMIT
Antimony	EPA 200.8	04/10/09	CHK	< 0.001	mg/L	0.001
Arsenic	EPA 200.8	04/10/09	CHK	0.002	mg/L	0.001
Beryllium	EPA 200.8	04/10/09	CHK	< 0.001	mg/L	0.001
Cadmium	EPA 200.8	04/10/09	CHK	< 0.001	mg/L	0.001
Chromium	EPA 200.8	04/10/09	CHK	< 0.001	mg/L	0.001
Copper	EPA 200.8	04/10/09	CHK	< 0.001	mg/L	0.001
Lead	EPA 200.8	04/10/09	CHK	< 0.001	mg/L	0.001
Mercury	EPA 200.8	04/10/09	CHK	< 0.0002	mg/L	0.0002
Nickel	EPA 200.8	04/10/09	CHK	0.001	mg/L	0.001
Selenium	EPA 200.8	04/10/09	CHK	< 0.001	mg/L	0.001
Silver	EPA 200.8	04/10/09	CHK	< 0.001	mg/L	0.001
Thallium	EPA 200.8	04/10/09	CHK	< 0.001	mg/L	0.001
Zinc	EPA 200.8	04/10/09	CHK	< 0.005	mg/L	0.005

PROJECT NAME: ARC

REPORT DATE: 13-Apr-09

Client ID: MW-2 Lab ID: 0090321-02 SAMPLE MATRIX-water

DATE SAMPLED: 3/30/09 SAMPLE SITE-Lot J

ANALYSIS	METHOD	ANALYSIS DATE	BY	RESULT	UNITS	DET. LIMIT
Antimony	EPA 200.8	04/10/09	CHK	< 0.001	mg/L	0.001
Arsenic	EPA 200.8	04/10/09	CHK	0.008	mg/L	0.001
Beryllium	EPA 200.8	04/10/09	CHK	< 0.001	mg/L	0.001
Cadmium	EPA 200.8	04/10/09	CHK	< 0.001	mg/L	0.001
Chromium	EPA 200.8	04/10/09	CHK	0.003	mg/L	0.001
Copper	EPA 200.8	04/10/09	CHK	< 0.001	mg/L	0.001
Lead	EPA 200.8	04/10/09	CHK	< 0.001	mg/L	0.001
Mercury	EPA 200.8	04/10/09	CHK	< 0.0002	mg/L	0.0002
Nickel	EPA 200.8	04/10/09	CHK	0.001	mg/L	0.001
Selenium	EPA 200.8	04/10/09	CHK	< 0.001	mg/L	0.001
Silver	EPA 200.8	04/10/09	CHK	< 0.001	mg/L	0.001
Thallium	EPA 200.8	04/10/09	CHK	< 0.001	mg/L	0.001
Zinc	EPA 200.8	04/10/09	CHK	< 0.005	mg/L	0.005

PROJECT NAME: ARC

REPORT DATE: 13-Apr-09

Client ID: MW-3 Lab ID: 0090321-03 SAMPLE MATRIX-water

DATE SAMPLED: 3/30/09 SAMPLE SITE-Lot J

ANALYSIS	METHOD	ANALYSIS DATE	BY	RESULT	UNITS	DET. LIMIT
Antimony	EPA 200.8	04/10/09	CHK	< 0.001	mg/L	0.001
Arsenic	EPA 200.8	04/10/09	CHK	0.010	mg/L	0.001
Beryllium	EPA 200.8	04/10/09	CHK	< 0.001	mg/L	0.001
Cadmium	EPA 200.8	04/10/09	CHK	< 0.001	mg/L	0.001
Chromium	EPA 200.8	04/10/09	CHK	< 0.001	mg/L	0.001
Copper	EPA 200.8	04/10/09	CHK	< 0.001	mg/L	0.001
Lead	EPA 200.8	04/10/09	CHK	0.001	mg/L	0.001
Mercury	EPA 200.8	04/10/09	CHK	< 0.0002	mg/L	0.0002
Nickel	EPA 200.8	04/10/09	CHK	< 0.001	mg/L	0.001
Selenium	EPA 200.8	04/10/09	CHK	< 0.001	mg/L	0.001
Silver	EPA 200.8	04/10/09	CHK	< 0.001	mg/L	0.001
Thallium	EPA 200.8	04/10/09	CHK	< 0.001	mg/L	0.001
Zinc	EPA 200.8	04/10/09	CHK	< 0.005	mg/L	0.005