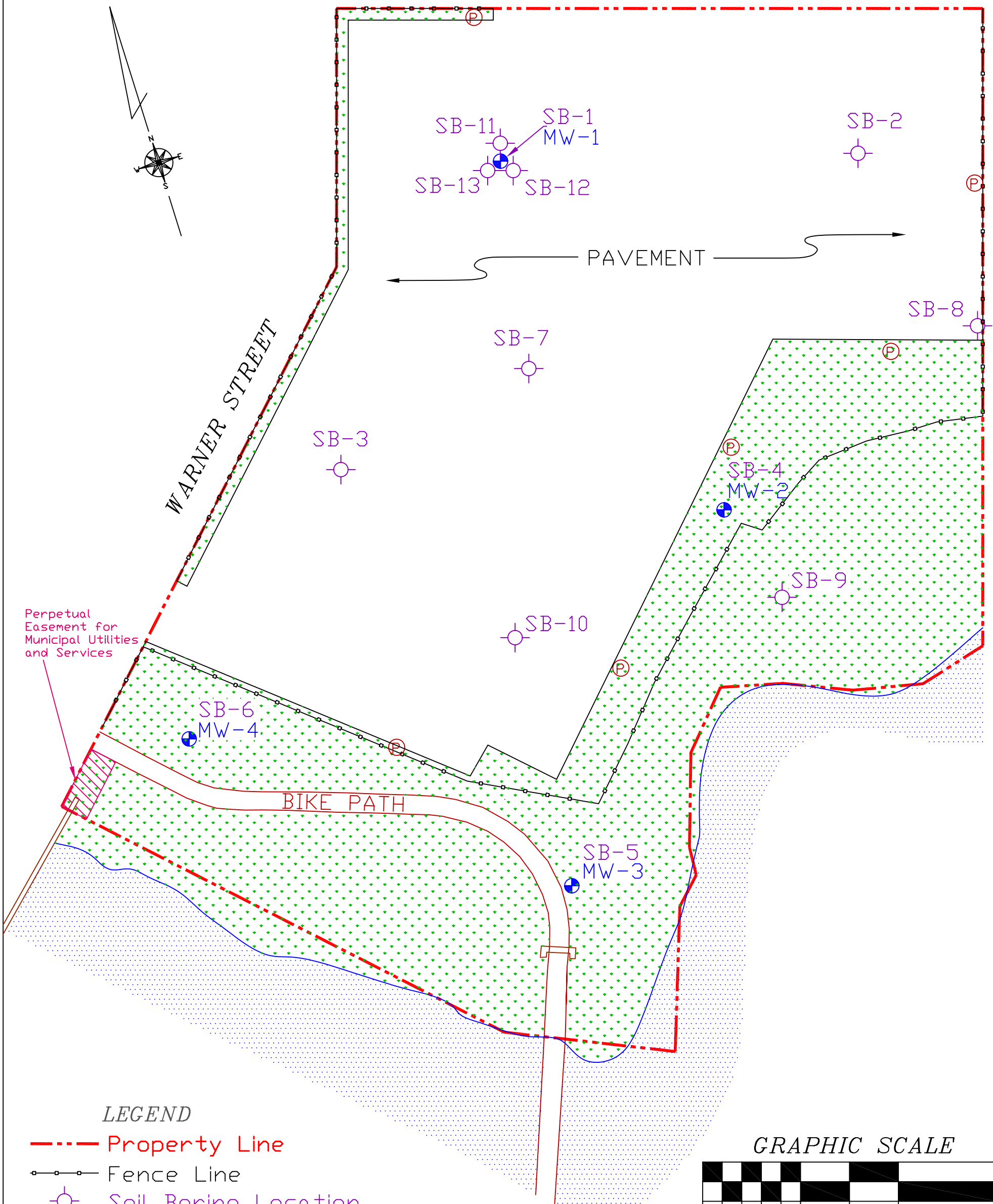
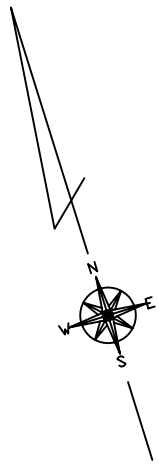


STOCKHOLM STREET

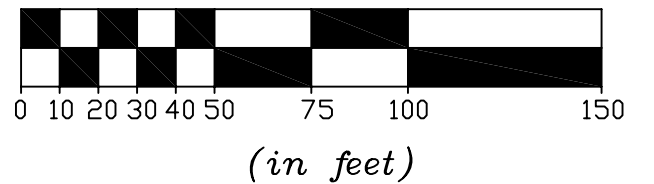


Perpetual Easement for Municipal Utilities and Services

LEGEND

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

GRAPHIC SCALE



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. -

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

**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)	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 (28)	ND (200)	ND (200)	ND (200)	ND (200)	ND (200)	ND (200)	ND (200)	ND (200)	
SB-11 0-1	5/5/2009	0-1	ND (180)	ND (180)	320	360	390	150 J	260	ND (180)	390	ND (26)	290	ND (180)	130 J	ND (180)	ND (180)	ND (180)	1,200	
SB-12 0-1	5/5/2009	0-1	ND (190)	180 J	320	330	220	280	280	390	370	ND (26)	400	98 J	200	ND (190)	ND (190)	840	1,200	
SB-13 0-1	5/5/2009	0-1	98 J	190	390	330	490	310	190	530	450	ND (25)	470	130 J	230	ND (180)	ND (180)	970	1,400	

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.

LOG OF SOIL BORING Coordinates: _____ Surface Elevation: _____ Casing Above Sur: _____ Reference Elevation: _____ Reference Desc: _____	Arc Environmental, Inc. 1311 Haubert Street Baltimore, MD 21230		Job. No. 126-9	Client: Baltimore Development Corporation	Location: 1411 Warner Street Baltimore, MD	
	Drilling Method: Hand Auger			Boring No. SB-11		
	Sampling Method: Grab			Sheet 1 of 1		
	Water Level Time Date Reference			Drilling Start Finish 10:15 AM 10:30 AM		

Sample Type	Inches Drvn/In. Recvrd	Dpth. Csg.	Sample No.	PID ppm	CGI %LEL	Depth in feet	USCS Log	Surface Conditions: Asphalt
			SB-11 0-1	0		0		Asphalt
				0		1		Light brown fine SAND and gravel
						2		Borehole terminated
						3		
						4		
						5		
						6		
						7		
						8		
						9		
						10		
						11		
						12		
						13		
						14		
						15		
						16		
						17		
						18		
						19		
						20		

Logged by: Ray Goodwin
 Drilling Contractor: Arc Environmental

Date: 05/05/2009
 Driller: Ray Goodwin

LOG OF SOIL BORING Coordinates: _____ Surface Elevation: _____ Casing Above Sur: _____ Reference Elevation: _____ Reference Desc: _____	Arc Environmental, Inc. 1311 Haubert Street Baltimore, MD 21230		Job No. 126-9	Client: Baltimore Development Corporation	Location: 1411 Warner Street Baltimore, MD	
	Drilling Method: Hand Auger			Boring No. SB-12		
	Sampling Method: Grab			Sheet 1 of 1		
	Water Level Time Date Reference			Drilling Start Finish 10:30 AM 10:45 AM		

Sample Type	Inches Drvn/In. Recvrd	Dpth. Csg.	Sample No.	PID ppm	CGI %LEL	Depth in feet	USCS Log	Surface Conditions: Asphalt
			SB-12 0-1	0		0		Asphalt
				0		1		Light brown fine SAND and gravel
						2		Borehole terminated
						3		
						4		
						5		
						6		
						7		
						8		
						9		
						10		
						11		
						12		
						13		
						14		
						15		
						16		
						17		
						18		
						19		
						20		

Logged by: Ray Goodwin

Drilling Contractor: Arc Environmental

Date: 05/05/2009

Driller: Ray Goodwin

LOG OF SOIL BORING

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



Job No.
126-9

Client:
Baltimore Development Corporation

Location: 1411 Warner Street
Baltimore, MD

Drilling Method: Hand Auger

Boring No. SB-13

Sampling Method: Grab

Sheet 1 of 1

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

Water Level			
Time			
Date			
Reference			

Drilling	
Start	Finish
10:45 AM	11:00 AM

Sample Type	Inches Drvn/In. Recvrd	Dpth. Csg.	Sample No.	PID ppm	CGI %LEL	Depth in feet	USCS Log
			SB-13 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	

Surface Conditions: Asphalt

Asphalt

Light brown fine SAND and gravel

Borehole terminated

Logged by: Ray Goodwin

Date: 05/05/2009

Drilling Contractor: Arc Environmental

Driller: Ray Goodwin

Analytical Report for

A2Z Environmental Group

Certificate of Analysis No.: 9050504

Project Manager: Yvonne McMahon

Project Name : Arc Environmental

Project Location: Lot J



May 12, 2009

Phase Separation Science, Inc.

6630 Baltimore National Pike

Baltimore, MD 21228

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Fax: (410) 788-8723

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6630 BALTIMORE NATIONAL
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PHASE SEPARATION SCIENCE, INC.



May 12, 2009

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

Reference: PSS Work Order No: **9050504**
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 **9050504**.

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 June 9, 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: 9050504

The following samples were received under chain of custody by Phase Separation Science (PSS) on 05/05/2009 at 11:11 am

Lab Sample Id	Sample Id	Matrix	Date/Time Collected
9050504-001	SB-11 0-1	SOIL	05/05/2009 10:30 am
9050504-002	SB-12 0-1	SOIL	05/05/2009 10:45 am
9050504-003	SB-13 0-1	SOIL	05/05/2009 10:50 am

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: 9050504

A2Z Environmental Group, Baltimore, MD

May 12, 2009

Project Name: Arc Environmental

Project Location: Lot J

Sample ID: SB-11 0-1	Date/Time Sampled: 05/05/2009 10:30	PSS Sample ID: 9050504-001
Matrix: SOIL	Date/Time Received: 05/05/2009 11:11	% Solids: 90

VCP 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	05/06/09	05/06/09 16:41	1014
Acenaphthylene	ND	ug/kg	180		1	05/06/09	05/06/09 16:41	1014
Anthracene	ND	ug/kg	180		1	05/06/09	05/06/09 16:41	1014
Benzo(a)anthracene	320	ug/kg	180		1	05/06/09	05/06/09 16:41	1014
Benzo(a)pyrene	360	ug/kg	26		1	05/06/09	05/06/09 16:41	1014
Benzo(b)fluoranthene	390	ug/kg	180		1	05/06/09	05/06/09 16:41	1014
Benzo(g,h,i)perylene	150	ug/kg	180	J	1	05/06/09	05/06/09 16:41	1014
Benzo(k)fluoranthene	260	ug/kg	180		1	05/06/09	05/06/09 16:41	1014
bis(2-chloroethyl) ether	ND	ug/kg	180		1	05/06/09	05/06/09 16:41	1014
bis(2-chloroisopropyl) ether	ND	ug/kg	180		1	05/06/09	05/06/09 16:41	1014
bis(2-ethylhexyl) phthalate	ND	ug/kg	180		1	05/06/09	05/06/09 16:41	1014
Di-n-butyl phthalate	ND	ug/kg	370		1	05/06/09	05/06/09 16:41	1014
Carbazole	ND	ug/kg	180		1	05/06/09	05/06/09 16:41	1014
4-Chloroaniline	ND	ug/kg	370		1	05/06/09	05/06/09 16:41	1014
2-Chloronaphthalene	ND	ug/kg	180		1	05/06/09	05/06/09 16:41	1014
2-Chlorophenol	ND	ug/kg	180		1	05/06/09	05/06/09 16:41	1014
Chrysene	390	ug/kg	180		1	05/06/09	05/06/09 16:41	1014
Dibenz(a,h)Anthracene	ND	ug/kg	26		1	05/06/09	05/06/09 16:41	1014
Dibenzofuran	ND	ug/kg	180		1	05/06/09	05/06/09 16:41	1014
1,2-Dichlorobenzene	ND	ug/kg	180		1	05/06/09	05/06/09 16:41	1014
1,3-Dichlorobenzene	ND	ug/kg	180		1	05/06/09	05/06/09 16:41	1014
1,4-Dichlorobenzene	ND	ug/kg	180		1	05/06/09	05/06/09 16:41	1014
3,3-Dichlorobenzidine	ND	ug/kg	180		1	05/06/09	05/06/09 16:41	1014
2,4-Dichlorophenol	ND	ug/kg	180		1	05/06/09	05/06/09 16:41	1014
Diethyl phthalate	ND	ug/kg	180		1	05/06/09	05/06/09 16:41	1014
2,4-Dimethylphenol	ND	ug/kg	180		1	05/06/09	05/06/09 16:41	1014
2,4-Dinitrophenol	ND	ug/kg	370		1	05/06/09	05/06/09 16:41	1014
2,4-Dinitrotoluene	ND	ug/kg	180		1	05/06/09	05/06/09 16:41	1014
2,6-Dinitrotoluene	ND	ug/kg	180		1	05/06/09	05/06/09 16:41	1014
Fluoranthene	290	ug/kg	180		1	05/06/09	05/06/09 16:41	1014

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PHASE SEPARATION SCIENCE, INC.



CERTIFICATE OF ANALYSIS

No: 9050504

A2Z Environmental Group, Baltimore, MD

May 12, 2009

Project Name: Arc Environmental

Project Location: Lot J

Sample ID: SB-11 0-1	Date/Time Sampled: 05/05/2009 10:30	PSS Sample ID: 9050504-001
Matrix: SOIL	Date/Time Received: 05/05/2009 11:11	% Solids: 90

VCP 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	05/06/09	05/06/09 16:41	1014
Hexachlorobenzene	ND	ug/kg	180		1	05/06/09	05/06/09 16:41	1014
Hexachlorobutadiene	ND	ug/kg	180		1	05/06/09	05/06/09 16:41	1014
Hexachlorocyclopentadiene	ND	ug/kg	180		1	05/06/09	05/06/09 16:41	1014
Hexachloroethane	ND	ug/kg	180		1	05/06/09	05/06/09 16:41	1014
Indeno(1,2,3-c,d)Pyrene	130	ug/kg	180	J	1	05/06/09	05/06/09 16:41	1014
Isophorone	ND	ug/kg	180		1	05/06/09	05/06/09 16:41	1014
2-Methylnaphthalene	ND	ug/kg	180		1	05/06/09	05/06/09 16:41	1014
2-Methyl phenol	ND	ug/kg	180		1	05/06/09	05/06/09 16:41	1014
3&4-Methylphenol	ND	ug/kg	180		1	05/06/09	05/06/09 16:41	1014
Naphthalene	ND	ug/kg	180		1	05/06/09	05/06/09 16:41	1014
Nitrobenzene	ND	ug/kg	180		1	05/06/09	05/06/09 16:41	1014
N-Nitrosodi-n-propyl amine	ND	ug/kg	74		1	05/06/09	05/06/09 16:41	1014
N-Nitrosodiphenylamine	ND	ug/kg	180		1	05/06/09	05/06/09 16:41	1014
Pentachlorophenol	ND	ug/kg	370		1	05/06/09	05/06/09 16:41	1014
Phenanthrene	300	ug/kg	180		1	05/06/09	05/06/09 16:41	1014
Phenol	ND	ug/kg	180		1	05/06/09	05/06/09 16:41	1014
Pyrene	1,200	ug/kg	180		1	05/06/09	05/06/09 16:41	1014
Bis(2-ethylhexyl)adipate	ND	ug/kg	180		1	05/06/09	05/06/09 16:41	1014
1,2,4-Trichlorobenzene	ND	ug/kg	180		1	05/06/09	05/06/09 16:41	1014
2,4,6-Trichlorophenol	ND	ug/kg	180		1	05/06/09	05/06/09 16:41	1014
2,4,5-Trichlorophenol	ND	ug/kg	180		1	05/06/09	05/06/09 16:41	1014

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PHASE SEPARATION SCIENCE, INC.



CERTIFICATE OF ANALYSIS

No: 9050504

A2Z Environmental Group, Baltimore, MD

May 12, 2009

Project Name: Arc Environmental

Project Location: Lot J

Sample ID: SB-12 0-1	Date/Time Sampled: 05/05/2009 10:45	PSS Sample ID: 9050504-002
Matrix: SOIL	Date/Time Received: 05/05/2009 11:11	% Solids: 90

VCP 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	05/06/09	05/06/09 17:07	1014
Acenaphthylene	ND	ug/kg	190		1	05/06/09	05/06/09 17:07	1014
Anthracene	180	ug/kg	190	J	1	05/06/09	05/06/09 17:07	1014
Benzo(a)anthracene	320	ug/kg	190		1	05/06/09	05/06/09 17:07	1014
Benzo(a)pyrene	330	ug/kg	26		1	05/06/09	05/06/09 17:07	1014
Benzo(b)fluoranthene	220	ug/kg	190		1	05/06/09	05/06/09 17:07	1014
Benzo(g,h,i)perylene	280	ug/kg	190		1	05/06/09	05/06/09 17:07	1014
Benzo(k)fluoranthene	280	ug/kg	190		1	05/06/09	05/06/09 17:07	1014
bis(2-chloroethyl) ether	ND	ug/kg	190		1	05/06/09	05/06/09 17:07	1014
bis(2-chloroisopropyl) ether	ND	ug/kg	190		1	05/06/09	05/06/09 17:07	1014
bis(2-ethylhexyl) phthalate	390	ug/kg	190		1	05/06/09	05/06/09 17:07	1014
Di-n-butyl phthalate	ND	ug/kg	370		1	05/06/09	05/06/09 17:07	1014
Carbazole	ND	ug/kg	190		1	05/06/09	05/06/09 17:07	1014
4-Chloroaniline	ND	ug/kg	370		1	05/06/09	05/06/09 17:07	1014
2-Chloronaphthalene	ND	ug/kg	190		1	05/06/09	05/06/09 17:07	1014
2-Chlorophenol	ND	ug/kg	190		1	05/06/09	05/06/09 17:07	1014
Chrysene	370	ug/kg	190		1	05/06/09	05/06/09 17:07	1014
Dibenz(a,h)Anthracene	ND	ug/kg	26		1	05/06/09	05/06/09 17:07	1014
Dibenzofuran	ND	ug/kg	190		1	05/06/09	05/06/09 17:07	1014
1,2-Dichlorobenzene	ND	ug/kg	190		1	05/06/09	05/06/09 17:07	1014
1,3-Dichlorobenzene	ND	ug/kg	190		1	05/06/09	05/06/09 17:07	1014
1,4-Dichlorobenzene	ND	ug/kg	190		1	05/06/09	05/06/09 17:07	1014
3,3-Dichlorobenzidine	ND	ug/kg	190		1	05/06/09	05/06/09 17:07	1014
2,4-Dichlorophenol	ND	ug/kg	190		1	05/06/09	05/06/09 17:07	1014
Diethyl phthalate	ND	ug/kg	190		1	05/06/09	05/06/09 17:07	1014
2,4-Dimethylphenol	ND	ug/kg	190		1	05/06/09	05/06/09 17:07	1014
2,4-Dinitrophenol	ND	ug/kg	370		1	05/06/09	05/06/09 17:07	1014
2,4-Dinitrotoluene	ND	ug/kg	190		1	05/06/09	05/06/09 17:07	1014
2,6-Dinitrotoluene	ND	ug/kg	190		1	05/06/09	05/06/09 17:07	1014
Fluoranthene	400	ug/kg	190		1	05/06/09	05/06/09 17:07	1014

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PHASE SEPARATION SCIENCE, INC.



CERTIFICATE OF ANALYSIS

No: 9050504

A2Z Environmental Group, Baltimore, MD

May 12, 2009

Project Name: Arc Environmental

Project Location: Lot J

Sample ID: SB-12 0-1	Date/Time Sampled: 05/05/2009 10:45	PSS Sample ID: 9050504-002
Matrix: SOIL	Date/Time Received: 05/05/2009 11:11	% Solids: 90

VCP Semivolatile Organic Compounds

Analytical Method: SW846 8270C

Preparation Method: SW846 3550

	Result	Units	Rep Limit	Flag	Dil	Prepared	Analyzed	Analyst
Fluorene	98	ug/kg	190	J	1	05/06/09	05/06/09 17:07	1014
Hexachlorobenzene	ND	ug/kg	190		1	05/06/09	05/06/09 17:07	1014
Hexachlorobutadiene	ND	ug/kg	190		1	05/06/09	05/06/09 17:07	1014
Hexachlorocyclopentadiene	ND	ug/kg	190		1	05/06/09	05/06/09 17:07	1014
Hexachloroethane	ND	ug/kg	190		1	05/06/09	05/06/09 17:07	1014
Indeno(1,2,3-c,d)Pyrene	200	ug/kg	190		1	05/06/09	05/06/09 17:07	1014
Isophorone	ND	ug/kg	190		1	05/06/09	05/06/09 17:07	1014
2-Methylnaphthalene	ND	ug/kg	190		1	05/06/09	05/06/09 17:07	1014
2-Methyl phenol	ND	ug/kg	190		1	05/06/09	05/06/09 17:07	1014
3&4-Methylphenol	ND	ug/kg	190		1	05/06/09	05/06/09 17:07	1014
Naphthalene	ND	ug/kg	190		1	05/06/09	05/06/09 17:07	1014
Nitrobenzene	ND	ug/kg	190		1	05/06/09	05/06/09 17:07	1014
N-Nitrosodi-n-propyl amine	ND	ug/kg	74		1	05/06/09	05/06/09 17:07	1014
N-Nitrosodiphenylamine	ND	ug/kg	190		1	05/06/09	05/06/09 17:07	1014
Pentachlorophenol	ND	ug/kg	370		1	05/06/09	05/06/09 17:07	1014
Phenanthrene	840	ug/kg	190		1	05/06/09	05/06/09 17:07	1014
Phenol	ND	ug/kg	190		1	05/06/09	05/06/09 17:07	1014
Pyrene	1,200	ug/kg	190		1	05/06/09	05/06/09 17:07	1014
Bis(2-ethylhexyl)adipate	ND	ug/kg	190		1	05/06/09	05/06/09 17:07	1014
1,2,4-Trichlorobenzene	ND	ug/kg	190		1	05/06/09	05/06/09 17:07	1014
2,4,6-Trichlorophenol	ND	ug/kg	190		1	05/06/09	05/06/09 17:07	1014
2,4,5-Trichlorophenol	ND	ug/kg	190		1	05/06/09	05/06/09 17:07	1014

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PHASE SEPARATION SCIENCE, INC.



CERTIFICATE OF ANALYSIS

No: 9050504

A2Z Environmental Group, Baltimore, MD

May 12, 2009

Project Name: Arc Environmental

Project Location: Lot J

Sample ID: SB-13 0-1	Date/Time Sampled: 05/05/2009 10:50	PSS Sample ID: 9050504-003
Matrix: SOIL	Date/Time Received: 05/05/2009 11:11	% Solids: 92

VCP Semivolatile Organic Compounds

Analytical Method: SW846 8270C

Preparation Method: SW846 3550

	Result	Units	Rep Limit	Flag	Dil	Prepared	Analyzed	Analyst
Acenaphthene	98	ug/kg	180	J	1	05/06/09	05/06/09 17:34	1014
Acenaphthylene	ND	ug/kg	180		1	05/06/09	05/06/09 17:34	1014
Anthracene	190	ug/kg	180		1	05/06/09	05/06/09 17:34	1014
Benzo(a)anthracene	390	ug/kg	180		1	05/06/09	05/06/09 17:34	1014
Benzo(a)pyrene	330	ug/kg	25		1	05/06/09	05/06/09 17:34	1014
Benzo(b)fluoranthene	490	ug/kg	180		1	05/06/09	05/06/09 17:34	1014
Benzo(g,h,i)perylene	310	ug/kg	180		1	05/06/09	05/06/09 17:34	1014
Benzo(k)fluoranthene	190	ug/kg	180		1	05/06/09	05/06/09 17:34	1014
bis(2-chloroethyl) ether	ND	ug/kg	180		1	05/06/09	05/06/09 17:34	1014
bis(2-chloroisopropyl) ether	ND	ug/kg	180		1	05/06/09	05/06/09 17:34	1014
bis(2-ethylhexyl) phthalate	530	ug/kg	180		1	05/06/09	05/06/09 17:34	1014
Di-n-butyl phthalate	ND	ug/kg	360		1	05/06/09	05/06/09 17:34	1014
Carbazole	ND	ug/kg	180		1	05/06/09	05/06/09 17:34	1014
4-Chloroaniline	ND	ug/kg	360		1	05/06/09	05/06/09 17:34	1014
2-Chloronaphthalene	ND	ug/kg	180		1	05/06/09	05/06/09 17:34	1014
2-Chlorophenol	ND	ug/kg	180		1	05/06/09	05/06/09 17:34	1014
Chrysene	450	ug/kg	180		1	05/06/09	05/06/09 17:34	1014
Dibenz(a,h)Anthracene	ND	ug/kg	25		1	05/06/09	05/06/09 17:34	1014
Dibenzofuran	ND	ug/kg	180		1	05/06/09	05/06/09 17:34	1014
1,2-Dichlorobenzene	ND	ug/kg	180		1	05/06/09	05/06/09 17:34	1014
1,3-Dichlorobenzene	ND	ug/kg	180		1	05/06/09	05/06/09 17:34	1014
1,4-Dichlorobenzene	ND	ug/kg	180		1	05/06/09	05/06/09 17:34	1014
3,3-Dichlorobenzidine	ND	ug/kg	180		1	05/06/09	05/06/09 17:34	1014
2,4-Dichlorophenol	ND	ug/kg	180		1	05/06/09	05/06/09 17:34	1014
Diethyl phthalate	ND	ug/kg	180		1	05/06/09	05/06/09 17:34	1014
2,4-Dimethylphenol	ND	ug/kg	180		1	05/06/09	05/06/09 17:34	1014
2,4-Dinitrophenol	ND	ug/kg	360		1	05/06/09	05/06/09 17:34	1014
2,4-Dinitrotoluene	ND	ug/kg	180		1	05/06/09	05/06/09 17:34	1014
2,6-Dinitrotoluene	ND	ug/kg	180		1	05/06/09	05/06/09 17:34	1014
Fluoranthene	470	ug/kg	180		1	05/06/09	05/06/09 17:34	1014

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PHASE SEPARATION SCIENCE, INC.



CERTIFICATE OF ANALYSIS

No: 9050504

A2Z Environmental Group, Baltimore, MD

May 12, 2009

Project Name: Arc Environmental

Project Location: Lot J

Sample ID: SB-13 0-1	Date/Time Sampled: 05/05/2009 10:50	PSS Sample ID: 9050504-003
Matrix: SOIL	Date/Time Received: 05/05/2009 11:11	% Solids: 92

VCP Semivolatile Organic Compounds

Analytical Method: SW846 8270C

Preparation Method: SW846 3550

	Result	Units	Rep Limit	Flag	Dil	Prepared	Analyzed	Analyst
Fluorene	130	ug/kg	180	J	1	05/06/09	05/06/09 17:34	1014
Hexachlorobenzene	ND	ug/kg	180		1	05/06/09	05/06/09 17:34	1014
Hexachlorobutadiene	ND	ug/kg	180		1	05/06/09	05/06/09 17:34	1014
Hexachlorocyclopentadiene	ND	ug/kg	180		1	05/06/09	05/06/09 17:34	1014
Hexachloroethane	ND	ug/kg	180		1	05/06/09	05/06/09 17:34	1014
Indeno(1,2,3-c,d)Pyrene	230	ug/kg	180		1	05/06/09	05/06/09 17:34	1014
Isophorone	ND	ug/kg	180		1	05/06/09	05/06/09 17:34	1014
2-Methylnaphthalene	ND	ug/kg	180		1	05/06/09	05/06/09 17:34	1014
2-Methyl phenol	ND	ug/kg	180		1	05/06/09	05/06/09 17:34	1014
3&4-Methylphenol	ND	ug/kg	180		1	05/06/09	05/06/09 17:34	1014
Naphthalene	ND	ug/kg	180		1	05/06/09	05/06/09 17:34	1014
Nitrobenzene	ND	ug/kg	180		1	05/06/09	05/06/09 17:34	1014
N-Nitrosodi-n-propyl amine	ND	ug/kg	73		1	05/06/09	05/06/09 17:34	1014
N-Nitrosodiphenylamine	ND	ug/kg	180		1	05/06/09	05/06/09 17:34	1014
Pentachlorophenol	ND	ug/kg	360		1	05/06/09	05/06/09 17:34	1014
Phenanthrene	970	ug/kg	180		1	05/06/09	05/06/09 17:34	1014
Phenol	ND	ug/kg	180		1	05/06/09	05/06/09 17:34	1014
Pyrene	1,400	ug/kg	180		1	05/06/09	05/06/09 17:34	1014
Bis(2-ethylhexyl)adipate	ND	ug/kg	180		1	05/06/09	05/06/09 17:34	1014
1,2,4-Trichlorobenzene	ND	ug/kg	180		1	05/06/09	05/06/09 17:34	1014
2,4,6-Trichlorophenol	ND	ug/kg	180		1	05/06/09	05/06/09 17:34	1014
2,4,5-Trichlorophenol	ND	ug/kg	180		1	05/06/09	05/06/09 17:34	1014



SAMPLE CHAIN OF CUSTODY/AGREEMENT FORM

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

PHASE SEPARATION SCIENCE, INC.

1 CLIENT: A22 Environ Mental OFFICE LOC.		PSS Work Order #: 9080504		PAGE 1 OF 1	
PROJECT MGR: Yvonne M. Johnson PHONE NO.: (410) 679-3877		Matrix Codes: SW=Surface Wtr DM=Drinking Wtr GW=Ground Wtr WW=Waste Wtr O=Oil S=Soil WL=Waste Liquid WS=Waste Solid W=Wipe			
EMAIL:		Preservatives Used:			
PROJECT NAME: Arc Environmental PROJECT NO.:		Analysis Method Required: 3			
SITE LOCATION: Lot J P.O. NO.:		No. CONTAINERS			
SAMPLERS: Ray Goodwin Ray Goodwin		SAMPLE TYPE: C= COMP G= GRAB			
LAB. NO.	SAMPLE IDENTIFICATION	DATE	TIME	MATRIX (See Codes)	REMARKS
1	SR-11 0-1	5/5/09	1030	S	✓
2	SR-12 0-1	↓	1045	S	✓
3	SR-13 0-1	↓	1050	S	✓
4					
Relinquished By: (1) Ray Goodwin		Date 5/5/9	Time 1111A	Received By: 	# of Coolers: 1 Custody Seal: ABS Ice Present: PILES Temp: 8°C Shipping Carrier: CLIENT
Relinquished By: (2)		Date	Time	Received By:	Requested Turnaround Time: <input checked="" type="checkbox"/> 5-Day <input type="checkbox"/> 3-Day <input type="checkbox"/> 2-Day <input type="checkbox"/> Next Day <input type="checkbox"/> Emergency <input type="checkbox"/> Other Data Deliverables Required:
Relinquished By: (3)		Date	Time	Received By:	Special Instructions: VCP Site Keep detection limits as close to vcp limits as possible
Relinquished By: (4)		Date	Time	Received By:	

6630 Baltimore National Pike • Route 40 West • Baltimore, Maryland 21228 • (410) 747-8770 • (800) 932-9047 • Fax (410) 788-8723
 The client (Client Name), by signing, or having client's agent sign, this "Sample Chain of Custody/Agreement Form", agrees to pay for the above requested services per the latest version of the Service Brochure or PSS-provided quotation including any and all attorney's or other reasonable fees if collection becomes necessary.



Phase Separation Science, Inc

Sample Receipt Checklist

Wo Number	9050504	Received By	Rachel Davis
Client Name	A2Z Environmental Group	Date Received	05/05/2009 11:11:00 AM
Project Name	Arc Environmental	Delivered By	Client
Project Number	N/A	Tracking No	Not Applicable
Disposal Date:	06/09/2009	Logged In By	Rachel Davis

Shipping Container(s)

No. of Coolers	1	Ice	Present
Custody Seals	Absent	Temp (deg C)	8
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

Appropriate for Specified Analysis?	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>	Custody Seal(s)	Yes <input type="checkbox"/> No <input checked="" type="checkbox"/>
Intact?	<input checked="" type="checkbox"/> <input type="checkbox"/>	Custody Seal(s) Intact?	<input type="checkbox"/> <input checked="" type="checkbox"/>
Labeled and Labels Legible	<input checked="" type="checkbox"/> <input type="checkbox"/>	Seal(s) Signed / Dated	<input type="checkbox"/> <input checked="" type="checkbox"/>
Total No. of Samples Received	3	Total No. of Containers Received	3

Preservation

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

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: *[Signature]*

Date: 5/5/09

PM Review and Approval: *[Signature]*

Date: 5/5/09