GEO-TECHNOLOGY ASSOCIATES, INC.

GEOTECHNICAL AND ENVIRONMENTAL CONSULTANTS

A Practicing GBA Member Firm



April 13, 2016

West Hyattsville Property Company, LLC 7419 Baltimore – Annapolis Boulevard Glen Burnie, Maryland 21061

Attn: Mr. Michael Sponseller

Re: Area Soil Sampling Summary

West Hyattsville Metro Property
Prince George's County, Maryland

Dear Mr. Sponseller:

In accordance with our agreement dated March 17, 2016, Geo-Technology Associates, Inc. (GTA) collected and analyzed two composite soil samples at the above referenced site ("subject property").

At the request of West Hyattsville Property Company, LLC (Client), Geo-Technology Associates, Inc. (GTA) has performed area soil sampling of the West Hyattsville Metro Property, in Hyattsville, Prince George's County, Maryland. GTA previously performed a Phase II Environmental Site Assessment (ESA) of the subject property to evaluate several Recognized Environmental Conditions (RECs) identified in prior environmental assessments and to address areas of potential concern identified by the Maryland Department of the Environment's (MDE's) Voluntary Cleanup Program (VCP). The Phase II ESA work was performed in general accordance with the *Phase II Environmental Site Assessment Work Plan*, dated November 19, 2015, revised January 11, 2016, and approved by the VCP on January 11, 2016. During a conference call on March 14, 2016, MDE VCP personnel recommended additional sampling in the vicinity of two previously sampled borings. The sampled areas are shown on the attached *Sample Sketch (Figure 1)*.

1.0 Sampling Activities

On March 18, 2016, GTA collected the soil samples from the subject property in the vicinity of two previously sampled borings (GTA-14 and GTA-20). Ten soil borings were performed within an approximate 10-foot radius of each boring, and one aliquot of soil was collected from the interval 4-5 feet below ground surface (bgs) (see *Figure 1*). A composite sample was then prepared from the 10 aliquots.

The soil borings performed were advanced using a Geoprobe® 6620DT direct-push drill rig, which utilizes a DT22 Dual-Tube Sampling System®, consisting of an outer casing rod string and an inner rod string. The sampling system is generally advanced in five-foot increments as the outer rod string provides a continuous sealed hole and the smaller inner rod string holds a disposable plastic sample liner in place against a stainless steel cutting shoe. As the dual-tube sampler is advanced through the soil

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West Hyattsville Property Company, LLC Re: Area Soil Sampling Summary – West Hyattsville Metro Property April 13, 2016 Page 2

profile, a continuous soil sample is collected in a disposable plastic liner that is extracted though the outer casing rods once the sampling system is driven to the desired depth.

Each aliquot was collected from a depth of 4 to 5 feet and was placed in a re-closable quart-size plastic bag, uniquely labeled, and homogenized. Then equal portions of each aliquot were placed in a re-closable gallon plastic bag for each location, homogenized, and labeled accordingly. The two composite samples (GTA-14 Area Composite and GTA-20 Area Composite) were then placed into laboratory-provided containers, stored in an iced cooler, and transported to Phase Separation Science, Inc. (PSS) laboratory, under Chain of Custody documentation.

The samples were submitted with instructions to analyze GTA-14 Area Composite for Polyaromatic Hydrocarbons (PAHs) using United States Environmental Protection Agency (USEPA) Method 8270C, and GTA-20 Area Composite for total arsenic using USEPA Method 8270C.

A copy of the laboratory's Certificate of Analysis, which includes the Chain of Custody document, is attached.

2.0 Analysis Results

The analysis results are summarized in the attached *Table 1* (*Soil Analysis Summary*). The table provides comparisons to the MDE Residential Cleanup Standard (RCS) values presented in MDE's *Cleanup Standards for Soil and Groundwater; June 2008; Interim Final Guidance (Update No. 2.1).* The cleanup standards are risk-based guidance values representing concentrations at which no further remedial action would be needed at a site. An exceedance of the cleanup standards does not necessarily mean that remedial action is needed.

The table also shows comparisons to the Anticipated Typical Concentration (ATC) values for soil in eastern Maryland published in MDE's *Cleanup Standards for Soil and Groundwater; June 2008; Interim Final Guidance (Update No. 2.1).* According to the MDE guidance document, ATC levels serve as general indicators of background levels for metals in the state of Maryland. Additionally, "When an ATC concentration for a given province exceeds the Proposed Maryland Cleanup Standards (Residential), the ATC value for the appropriate province may be proposed as an acceptable alternative to the risk derived value presented in the Proposed Maryland Cleanup Standards (Residential)."

No PAHs were reported above the laboratory's reporting limits for the GTA-14 Area Composite sample.

The GTA-20 Area Composite sample contained arsenic at a concentration of 1.5 mg/kg, which is below the ATC (3.6 mg/kg).

3.0 Conclusions

GTA performed sampling in the vicinity of two previously sampled borings. Area composite samples indicate that aggregate concentrations in the soil are below the RCS. GTA recommends that this report be submitted to the MDE VCP for consideration of a No Further Requirements Determination (NFRD) through the VCP process.

West Hyattsville Property Company, LLC Re: Area Soil Sampling Summary – West Hyattsville Metro Property April 13, 2016 Page 3

4.0 Limitations

GTA's conclusions regarding this site have been based on observations of existing conditions and an interpretation of site history and site usage data, professional experience in the area with similar projects, and generally accepted professional environmental practice under similar circumstances. The conclusions reached regarding the conditions of this site do not represent a warranty that all areas within the site are of a similar quality as may be inferred from observable site conditions, available site history, soil samples, soil borings, etc. Site soil conditions were inferred from the results of field screening and laboratory analysis of samples obtained at specific locations and on specific dates. These conditions may not remain consistent through the passage of time.

This report was prepared by GTA for the sole and exclusive use of West Hyattsville Property Company, LLC. Use and reproduction of this report by any other person without the express written permission of GTA and West Hyattsville Property Company, LLC is unauthorized, and such use is at the sole risk of the user. GTA acknowledges that this document is being submitted to the MDE VCP and will be part of the public record, and that the MDE VCP is expected to use this report as part of its review process. However, use of this report by any third party is at their sole risk. GTA is not responsible for any claims, damages, or liabilities associated with third-party use.

We appreciate the continued opportunity to be of assistance on this project. Should you have any questions regarding this information, or should you require additional information, please contact the undersigned.

Sincerely,

GEO-TECHNOLOGY ASSOCIATES, INC.

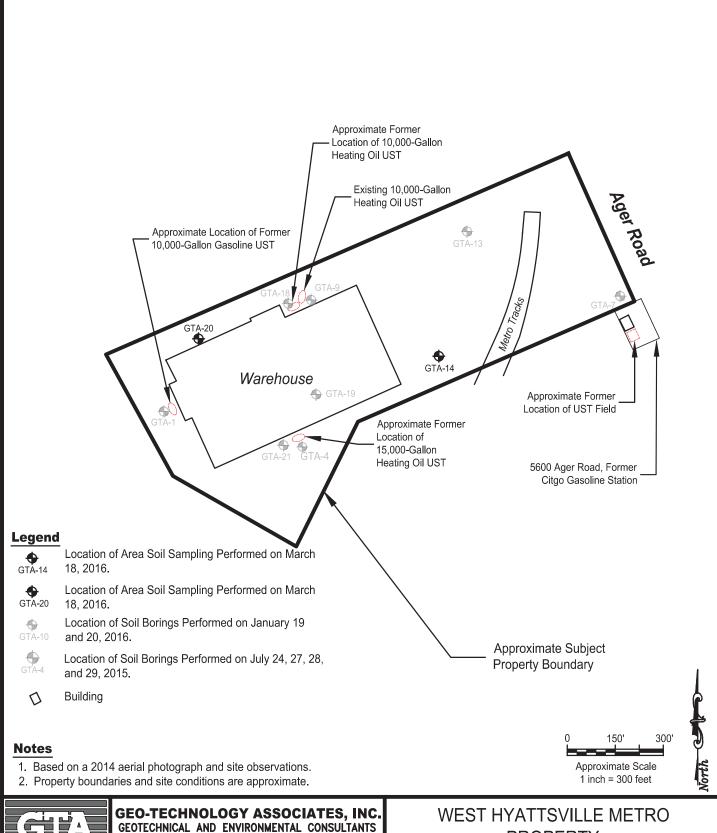
Amanda M, Frailer Environmental Scientist

Paul H. Hayden, P.G., L.R.S.

Vice President

AMF/JWM/PHH Attachments:

Figure 1 – Sample Location Sketch (color) Table 1 – Soil Analysis Summary (color) Laboratory Reports (12 pages)





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PROPERTY

PRINCE GEORGE'S COUNTY, MARYLAND

SAMPLE LOCATION PLAN

SCALE: 1" = 300'PROJECT: 150938 DATE: MARCH 2016 DESIGN BY: AMF REVIEW BY: JWM FIGURE:

Table 1 Soil Analysis Summary

West Hyattsville Metro Property Prince George's County, Maryland GTA Project No. 150938 Page 1 of 1

Sample Identification	GTA-14 Area Composite	GTA-20 Area Composite	Compariso	on Values
Depth (feet)	4-5	4-5	RCS	ATC Eastern
PAHs				
All PAHs			varies	NA
Metals				
Arsenic		1.50	0.43	3.6

Notes:

Samples collected on March 18, 2016

Results in milligrams per kilogram (mg/kg), or parts per million (ppm)

Only detected compounds shown

-- = Not detected at or above the laboratory's reporting limit

NA = Not applicable

Blank Cell = Not analyzed

RCS = MDE Residential Cleanup Standards for soil

ATC = Anticipated Typical Concentration for soils in Eastern Maryland (MDE Interim Final Guidance Update No. 2.1, June 2008)

PAHs = Polycyclic Aromatic Hydrocarbons



Analytical Report for

GTA - Laurel

Certificate of Analysis No.: 16032515

Project Manager: Jeff Mutter

Project Name: 150938

Project Location: Prince George's County

Project ID: 150938



March 28, 2016
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 FAX 410-788-8723

PHASE SEPARATION SCIENCE, INC.



March 28, 2016

Jeff Mutter GTA - Laurel 14280 Park Center Dr., Ste. A Laurel, MD 20707

Reference: PSS Work Order(s) No: 16032515

Project Name: 150938

Project Location: Prince George's County

Project ID.: 150938

Dear Jeff Mutter:

This report includes 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(s) numbered 16032515.

All work reported herein has been performed in accordance with current NELAP standards, referenced methodologies, PSS Standard Operating Procedures and the PSS Quality Assurance Manual unless otherwise noted in the Case Narrative Summary. 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 April 22, 2016, with the exception of air canisters which are cleaned immediately following analysis. 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 5 years, after which time it will be disposed of 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.

Sincerely,

Cathy Thompson

QA Officer



Sample Summary

Client Name: GTA - Laurel Project Name: 150938

Work Order Number(s): 16032515

Project ID: 150938

The following samples were received under chain of custody by Phase Separation Science (PSS) on 03/18/2016 at 01:55 pm

Lab Sample Id	Sample Id	Matrix	Date/Time Collected	
16032515-001	GTA-14 Area Composite	SOIL	03/18/16 08:00	
16032515-002	GTA-20 Area Composite	SOIL	03/18/16 09:00	

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 Case Narrative Summary.

Notes:

- 1. The presence of a common laboratory contaminant such as methylene chloride may be considered a possible laboratory artifact. Where observed, appropriate consideration of data should be taken.
- 2. Unless otherwise noted in the case narrative, results are reported on a dry weight basis with the exception of 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].
- 4. The analyses of 1,2-dibromo-3-chloropropane (DBCP) and 1,2-dibromoethane (EDB) by EPA 524.2 and calcium, magnesium, sodium and iron by EPA 200.8 are not currently promulgated for use in testing to meet the Safe Drinking Water Act and as such cannot be used for compliance purposes. The listings of the current promulgated methods for testing in compliance with the Safe Drinking Water Act can be found in the 40 CFR part 141.1, for the primary drinking water contaminates, and part 141.3, for the secondary drinking water contaminates.
- 5. Sample prepared under EPA 3550C with concentrations greater than 20 mg/Kg should employ the microtip extraction procedure if required to meet data quality objectives.
- 6. The analysis of acrolein by EPA 624 must be analyzed within three days of sampling unless pH is adjusted to 4-5 units [40 CFR part 136.3(e)].
- 7. Method 180.1, The Determination of Turbidity by Nephelometry, recommends samples over 40 NTU be diluted until the turbidity falls below 40 units. Routine samples over 40 NTU may not be diluted as long as the data quality objectives are not affected.
- 8. Alkalinity results analyzed by EPA 310.2 that are reported by dilution are estimated and are not in compliance with method requirements.

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.
- E The data exceeds the upper calibration limit; therefore, the concentration is reported as estimated.
- Fail The result exceeds the regulatory level for Toxicity Characteristic (TCLP) as cited in 40 CFR 261.24 Table 1.
- The target analyte was positively identified below the reporting limit but greater than the MDL.
- MDL This is the Laboratory Method Detection Limit which is equivalent to the Limit of Detection (LOD). The LOD is an estimate of the minimum amount of a substance that an analytical process can reliably detect. This value will remain constant across multiple similar instrumentation and among different analysts. An LOD is analyte and matrix specific.
- ND Not Detected at or above the reporting limit.
- RL PSS Reporting Limit.
- U Not detected.

Certifications:

NELAP Certifications: PA 68-03330, VA 460156 State Certifications: MD 179, WV 303

Regulated Soil Permit: P330-12-00268 NSWC USCG Accepted Laboratory LDBE MWAA LD1997-0041-2015 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: 16032515

GTA - Laurel, Laurel, MD

March 28, 2016

Project Name: 150938

Project Location: Prince George's County

Project ID: 150938

Sample ID: GTA-14 Area Composite Date/Time Sampled: 03/18/2016 08:00 PSS Sample ID: 16032515-001 Matrix: SOIL Date/Time Received: 03/18/2016 13:55 % Solids: 89 Polyaromatic Hydrocarbons (PAHs) Analytical Method: SW-846 8270 C Preparation Method: SW3550C **Units** RL Flag Dil **Prepared** Analyzed Result **Analyst** Acenaphthene ND ug/kg 190 1 03/28/16 03/28/16 15:37 1055 Acenaphthylene ND ug/kg 190 1 03/28/16 03/28/16 15:37 1055 Anthracene ND ug/kg 190 1 03/28/16 03/28/16 15:37 1055 Benzo(a)anthracene ND ug/kg 190 1 03/28/16 03/28/16 15:37 1055 Benzo(a)pyrene ND ug/kg 190 1 03/28/16 03/28/16 15:37 1055 Benzo(b)fluoranthene ND ug/kg 190 1 03/28/16 03/28/16 15:37 1055 Benzo(q,h,i)perylene ND ug/kg 190 1 03/28/16 03/28/16 15:37 1055 Benzo(k)fluoranthene ND ug/kg 190 1 03/28/16 03/28/16 15:37 1055 Chrysene ND ug/kg 190 1 03/28/16 03/28/16 15:37 1055 Dibenz(a,h)Anthracene ND ug/kg 190 1 03/28/16 03/28/16 15:37 1055 Fluoranthene ND 190 1 03/28/16 03/28/16 15:37 1055 ug/kg Fluorene ND 190 1 03/28/16 03/28/16 15:37 1055 ug/kg Indeno(1,2,3-c,d)Pyrene ND ug/kg 190 1 03/28/16 03/28/16 15:37 1055 190 03/28/16 03/28/16 15:37 1055 2-Methylnaphthalene ND ug/kg 1 Naphthalene ND 190 1 03/28/16 03/28/16 15:37 1055 ug/kg 1 Phenanthrene ND ug/kg 190 03/28/16 03/28/16 15:37 1055 ND ug/kg 190 1 03/28/16 03/28/16 15:37 1055 Pyrene Sample ID: GTA-20 Area Composite Date/Time Sampled: 03/18/2016 09:00 PSS Sample ID: 16032515-002 Matrix: SOIL Date/Time Received: 03/18/2016 13:55 % Solids: 93 **Total Metals** Analytical Method: SW-846 6020 A Preparation Method: 3050B

 Result
 Units
 RL
 Flag
 Dil
 Prepared
 Analyzed
 Analyst

 Arsenic
 1.5
 mg/kg
 0.39
 1
 03/28/65
 03/28/16 15:07 1033



Case Narrative Summary

Client Name: GTA - Laurel

Project Name: 150938

Work Order Number(s): 16032515

Project ID: 150938

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.

The analyses of chlorine, pH, dissolved oxygen, temperature and sulfite for drinking water and non-potable samples tested for compliance have a maximum holding time of 15 minutes. As such, all laboratory analyses for these analytes exceed holding times.

Matrix spike and matrix spike duplicate analyses may not be performed due to insufficient sample quantity. In these instances, a laboratory control sample and laboratory control sample duplicate are analyzed unless otherwise noted or specified in the method.

Sample Receipt:

Refer to previous Work Order 16031826.

Sample for GTA-14 received on 3/28/16 @ 0820. Sample was received at 0 deg C, but was not frozen.

General Comments:

Sample IDs changed per client.

NELAP accreditation was held for all analyses performed unless noted below. See www.phaseonline.com for complete PSS scope of accreditation.

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Analytical Data Package Information Summary

Work Order(s): 16032515
Report Prepared For: GTA - Laurel, Laurel, MD
Project Name: 150938
Project Manager: Jeff Mutter

Method	Client Sample Id Analysis Type Lab Sample Id	Analysis Type		Analyst		Prep Batch	Mtx Prep Batch Analytical Batch Sampled	Sampled	Prepared	Analyzed
SW-846 6020 A	GTA-20 Area	Initial	16032515-002	1033	S	60052	131286	03/18/2016	03/28/0165 09:02	03/28/2016 15:07
	60052-1-BKS 60052-1-BKS	BKS BLK	60052-1-BKS 60052-1-BLK	1033 1033	o o	60052 60052	131286 131286		03/25/2016 15:14 03/25/2016 15:14	03/28/2016 14:46 03/28/2016 14:41
SW-846 8270 C	GTA-14 Area	Initial	16032515-001	1055	S	89009	131294	03/18/2016	03/28/2016 10:23	03/28/2016 15:37
	Composite 60068-1-BKS	BKS	60068-1-BKS	1055	S	89009	131294	-	03/28/2016 10:23	03/28/2016 12:44
	60068-1-BLK	BLK	60068-1-BLK	1055	S	89009	131294		03/28/2016 10:23	03/28/2016 12:15
	60068-1-BSD	BSD	60068-1-BSD	1055	S	89009	131294		03/28/2016 10:23	03/28/2016 13:40
	GTA-14 Area	MS	16032515-001 S	1055	S	89009	131294	03/18/2016	03/28/2016 10:23	03/28/2016 14:39
	Composite S GTA-14 Area Composite SD	MSD	16032515-001 SD	1055	S	89009	131294	03/18/2016	03/28/2016 10:23	03/28/2016 15:08

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Final 1.000

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QC Summary 16032515

GTA - Laurel 150938

Analytical Method: SW-846 8270 C

Prep Method: SW3550C Seq Number: 131294 Matrix: Soil Date Prep: 03/28/2016

PSS Sample ID: 16032515-001

Surrogate	%Rec	Flag	Limits	Units	Analysis Date
2-Fluorobiphenyl	65		60-131	%	03/28/16 15:37
2-Fluorophenol	60		45-108	%	03/28/16 15:37
Nitrobenzene-d5	60		42-131	%	03/28/16 15:37
Phenol-d6	67		48-124	%	03/28/16 15:37
Terphenyl-D14	78		59-137	%	03/28/16 15:37
2,4,6-Tribromophenol	76		46-129	%	03/28/16 15:37

F = RPD exceeded the laboratory control limits

X = Recovery of MS, MSD or both outside of QC Criteria
H= Recovery of BS,BSD or both exceeded the laboratory control limits

L = Recovery of BS,BSD or both below the laboratory control limits

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QC Summary 16032515

GTA - Laurel 150938

Analytical Method: SW-846 6020 A

Prep Method: SW3050B Seq Number: 131286 Matrix: Solid Date Prep: 03/25/16

LCS Sample Id: 60052-1-BKS MB Sample Id: 60052-1-BLK

LCS LCS Limits Units **Analysis** MB Spike **Parameter** Flag Result Amount Result %Rec Date

80-120 03/28/16 14:46 Arsenic <0.4830 19.32 20.88 108 mg/kg

Analytical Method: SW-846 8270 C Prep Method: SW3550C Seq Number: 131294 Date Prep: Matrix: Solid 03/28/16

MB Sample Id:	60068-1-BLK		LCS San	nple Id:	60068-1-	BKS		LCSE	Sample	e ld: 600)68-1-BSD	
Parameter	MB Result	Spike Amount	LCS Result	LCS %Rec	LCSD Result	LCSD %Rec	Limits	%RPD	RPD Limit	Units	Analysis Date	Flag
Acenaphthene	<165.5	1324	1286	97	1335	99	73-103	4	25	ug/kg	03/28/16 12:44	
Acenaphthylene	<165.5	1324	1227	93	1269	94	73-104	3	25	ug/kg	03/28/16 12:44	
Anthracene	<165.5	1324	1232	93	1288	96	74-104	4	25	ug/kg	03/28/16 12:44	
Benzo(a)anthracene	<165.5	1324	1228	93	1287	95	78-109	5	25	ug/kg	03/28/16 12:44	
Benzo(a)pyrene	<165.5	1324	1289	97	1334	99	78-117	3	25	ug/kg	03/28/16 12:44	
Benzo(b)fluoranthene	<165.5	1324	1251	94	1278	95	73-119	2	25	ug/kg	03/28/16 12:44	
Benzo(g,h,i)perylene	<165.5	1324	1251	94	1291	96	59-136	3	25	ug/kg	03/28/16 12:44	
Benzo(k)fluoranthene	<165.5	1324	1310	99	1369	102	72-117	4	25	ug/kg	03/28/16 12:44	
Chrysene	<165.5	1324	1240	94	1301	97	78-107	5	25	ug/kg	03/28/16 12:44	
Dibenz(a,h)Anthracen	e <165.5	1324	1285	97	1311	97	62-131	2	25	ug/kg	03/28/16 12:44	
Fluoranthene	<165.5	1324	1314	99	1347	100	71-111	2	25	ug/kg	03/28/16 12:44	
Fluorene	<165.5	1324	1245	94	1311	97	75-105	5	25	ug/kg	03/28/16 12:44	
Indeno(1,2,3-c,d)Pyre	ne <165.5	1324	1358	103	1412	105	60-130	4	25	ug/kg	03/28/16 12:44	
2-Methylnaphthalene	<165.5	1324	1292	98	1355	101	70-101	5	25	ug/kg	03/28/16 12:44	
Naphthalene	<165.5	1324	1230	93	1301	97	71-99	6	25	ug/kg	03/28/16 12:44	
Phenanthrene	<165.5	1324	1282	97	1300	96	71-103	1	25	ug/kg	03/28/16 12:44	
Pyrene	<165.5	1324	1222	92	1270	94	67-110	4	25	ug/kg	03/28/16 12:44	
Surrogate	MB %Red	MB Flag	_	.CS sult	LCS Flag	LCS Resu			mits	Units	Analysis Date	
2-Fluorobiphenyl	93			89		88		60)-131	%	03/28/16 12:44	1
2-Fluorophenol	95		1	06		104	1	45	5-108	%	03/28/16 12:44	1
Nitrobenzene-d5	86		9	93		91		42	2-131	%	03/28/16 12:44	4
Phenol-d6	95		1	00		102	2	48	3-124	%	03/28/16 12:44	4
Terphenyl-D14	85		9	93		96		59	-137	%	03/28/16 12:44	4
2,4,6-Tribromophenol	94		1	04		103	3	46	5-129	%	03/28/16 12:44	1

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QC Summary 16032515

GTA - Laurel 150938

Analytical Method: SW-846 8270 CPrep Method:SW3550CSeq Number:131294Matrix:SoilDate Prep:03/28/16

Parent Sample Id: 16032515-001 MS Sample Id: 16032515-001 S MSD Sample Id: 16032515-001 SD

Parameter	Parent Result	Spike Amount	MS Result	MS %Rec	MSD Result	MSD %Rec	Limits	%RPD	RPD Limit	Units	Analysis Date	Flag
Acenaphthene	<188	1504	1244	83	1176	78	71-95	6	30	ug/kg	03/28/16 14:39	
Acenaphthylene	<188	1504	1195	79	1130	75	71-96	6	30	ug/kg	03/28/16 14:39	
Anthracene	<188	1504	1364	91	1319	88	74-97	3	30	ug/kg	03/28/16 14:39	
Benzo(a)anthracene	<188	1504	1389	92	1341	89	78-102	4	30	ug/kg	03/28/16 14:39	
Benzo(a)pyrene	<188	1504	1425	95	1356	90	77-111	5	30	ug/kg	03/28/16 14:39	
Benzo(b)fluoranthene	<188	1504	1315	87	1311	87	73-112	0	30	ug/kg	03/28/16 14:39	
Benzo(g,h,i)perylene	<188	1504	1392	93	1320	88	63-125	5	30	ug/kg	03/28/16 14:39	
Benzo(k)fluoranthene	<188	1504	1553	103	1410	94	75-109	10	30	ug/kg	03/28/16 14:39	
Chrysene	<188	1504	1402	93	1353	90	77-101	4	30	ug/kg	03/28/16 14:39	
Dibenz(a,h)Anthracene	<188	1504	1419	94	1350	90	66-122	5	30	ug/kg	03/28/16 14:39	
Fluoranthene	<188	1504	1442	96	1407	94	72-104	2	30	ug/kg	03/28/16 14:39	
Fluorene	<188	1504	1300	86	1268	85	75-97	2	30	ug/kg	03/28/16 14:39	
Indeno(1,2,3-c,d)Pyrene	<188	1504	1503	100	1397	93	65-119	7	30	ug/kg	03/28/16 14:39	
2-Methylnaphthalene	<188	1504	1213	81	1082	72	65-96	11	30	ug/kg	03/28/16 14:39	
Naphthalene	<188	1504	1129	75	1002	67	68-92	12	30	ug/kg	03/28/16 14:39	X
Phenanthrene	<188	1504	1377	92	1351	90	71-101	2	30	ug/kg	03/28/16 14:39	
Pyrene	<188	1504	1357	90	1278	85	63-110	6	30	ug/kg	03/28/16 14:39	

Surrogate	MS MS Result Flaç		Limits	Units	Analysis Date
2-Fluorobiphenyl	72	67	60-131	%	03/28/16 14:39
2-Fluorophenol	76	64	45-108	%	03/28/16 14:39
Nitrobenzene-d5	71	63	42-131	%	03/28/16 14:39
Phenol-d6	80	70	48-124	%	03/28/16 14:39
Terphenyl-D14	93	90	59-137	%	03/28/16 14:39
2,4,6-Tribromophenol	99	96	46-129	%	03/28/16 14:39

F = RPD exceeded the laboratory control limits

X = Recovery of MS, MSD or both outside of QC Criteria

H= Recovery of BS,BSD or both exceeded the laboratory control limits

L = Recovery of BS,BSD or both below the laboratory control limits

SAMPLE CHAIN OF CUSTODY/AGREEMENT FORM

A THE STANFOR OF STANFORD

PHASE SEPARATION SCIENCE, INC.

16032515

www.phaseonline.com

0	×+ C	*				PSS Work Order #:	dor 4 - 100 - 100 -		
CLIENI: GIA	GIA	OFFIC	"OFFICE LOC. L	aur				PAGE	- OF -
*PROJEC	*PROJECT MGR: Tother Miller	*PHON	E NO.: (41)	*PHONE NO.:(410) 792-9441	14410	SW=Surface W	matity codes: SW=Surface Wtr DW=Drinking Wtr GW=Ground Wtr WW=Waste Wtr O=Oil S=Soil L=Liquid SOL=Soild A=Air Wl=Wipe	Oil S=Soil L=Liquid SQL=	Solid A-Air WI-Wipe
EMAIL:	EMAIL: Official of and Start	FAX NO.				No.	Presonatives 1,6 1,6		
*PROJEC	*PROJECT NAME: (SOR38)		PRO	PROJECT NO.: SUGS8	50438	O TYPE	Method Me		
SITE LOC	SITE LOCATION: Prince Group'S (CLATIN	Mon	P.O.	P.O. NO.:		A COMP	0	<i> </i>	_
SAMPLER(S):	(S): AMF		DW CERT NO.:	NO.:		N G=	*	///	_
LAB NO.	*SAMPLE IDENTIFICATION		*DATE (SAMPLED)	*TIME (SAMPLED)	MATRIX (See Codes)	œω	/ \		REMARKS
	OTA - 14		3/18/16	8.00AM		-	X		
7	614-20		3/18/16	9.00AM	S	7	×		
								Andrews Andrew	
						1			
Relinquished, By: (1)		Date	Time	Received By			ested TAT (One TAT pe	# of Coolers: /	
I now h	<	118/16	3/18/16/1355	7	7/	{	S-Day 3-Day 2-Day	Custody Seal: A.S.	
Relinquished By: (2)		Date	Time	Received By	:á		Data Deliverables Required: COA QC SUMM CLP LIKE OTHER	Ice Present: PLCS Shipping Carrier:	Temp: 3°
Relinquished By: (3)		Date	Time	Received By	By:		Special Instructions:		
					-		Tier 2 Pricina		
Relinquished By: (4)		Date	Time	Received By:	By:		DW COMPLIANCE? EDD FORMAT TYPE YES ———————————————————————————————————	STATE RESULTS	STATE RESULTS REPORTED TO:
6630 Baltir	6630 Baltimore National Pike • Route 40 West • Baltimore, Maryland 21228 •	3 40 Wes	st • Baltim	lore, Maryl	and 2122	8 - (410) 74	747-8770 · (800) 932-9047 · Fax (410) 78	788-8723	
the Service I	Brochure or PSS-provided quo	tation incl	s agent sig	and all attorr	idy's or other	of Custody/Ac er reasonable	The citeri (Citerii Name), by signing, or naving 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. * = REQUIRED	aquested services pe QUIRED	r the latest version of

Page 3 of 4

SAMPLE CHAIN OF CUSTODY/AGREEMENT FORM

MANA ON ANT LAND O

PHASE SEPARATION SCIENCE, INC.

16032515

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

1 *CLIENT	D*CLIENT: GTA-	*OFFI	*OFFICE LOC. 1	lavel		PSS Work Order #:	Jer#: 16 63280T 23/29/16	PAGE OF	
*PROJE	CT MGR: JEHINHEN		VE NO.:(4)(*PHONE NO .: (4) ()) 792- 944 ()	94 10	Matrix Codes: SW=Surface Wtr	Matrix Codes: SW=Surface Wtr DW=Drinking Wtr GW=Ground Wtr WW=Waste Wtr 0-0il S=Soil L=Liquid S0L=Solid A=Air WI=Wipe	-Oil S-Soil L-Liquid SOL-Solid A=/	ir WI=Wipe
EMAIL: (EMAIL: Official of greens com) :: (No. C SAMPLE	Preservatives Used Used		
*PROJE	*PROJECT NAME: 15093		PRO	PROJECT NO.:	3863				
SITE LO	SITE LOCATION: PG (anhy		P.O.	P.O. NO.:		A COMP	0	/ / /	
SAMPLE	SAMPLER(S): AMF		DW CERT NO.:	NO.:		N G=	# S	/ / / /	
LAB NO.	*SAMPLE IDENTIFICATION	TION	*DATE (SAMPLED)	*TIME (SAMPLED)	MATRIX (See Codes)	a s		/ / REN	REMARKS
	614-14-(umposite	0.1	3/12/16	B:WAM	S	1 6	X		
(r									
Relinquist	Relinquished By/(1)	Date	01	Received By	3y:		sted TAT (One TAT pe	# of Coolers:	
lim	2	3/22/16	080	B	よる	afor	S-Day 3-Day 2-Day	Custody Seal: 773 5	
Relinquis	Relinquished By: (2)	Date	Time	Received By	3y:	2	ables Required: JMM CLP LIKE C	Ice Present: phts Temp: 0°0	0° ((min 6w)
								Shipping Carrier: C 111	lent
Relinquist	Relinquished By: (3)	Date	Time	Received By	3y:		Special Instructions:		
3			9				Tier 2 Pricing		
Relinquish	Relinquished By: (4)	Date	Time	Received By	3y:		DW COMPLIANCE? EDD FORMAT TYPE YES T	STATE RESULTS REPORTED TO:	RTED TO: OTHER

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

TON CITED OF THE PARTY OF THE P

Phase Separation Science, Inc

Sample Receipt Checklist

THE ST					
Work Order #	16032515		Received By	Rachel Davis	
Client Name	GTA - Laurel		Date Received	03/18/2016 01:55:00 PM	VI
Project Name	150938		Delivered By	Client	
Project Number	150938		Tracking No	Not Applicable	
Disposal Date	04/22/2016		Logged In By	Rachel Davis	
Shipping Contain No. of Coolers	ner(s) 1			_	
Custody Seal(s) Seal(s) Signed	•	N/A N/A	lce Temp (deg (Temp Blank	Present C) 3 Present No	
Documentation			Commission No.	A F '	
COC agrees wit Chain of Custoo	th sample labels? dy	Yes Yes	Sampler Nai MD DW Cer		
Sample Containe Appropriate for Intact? Labeled and La	Specified Analysis?	Yes Yes Yes	Custody Sea Seal(s) Sign	. ,	
Total No. of Sar	mples Received 2		Total No. of	Containers Received 2	
Do VOA vials ha 624 VOC (Rovd Comments: (An For any improper documentation of should be analyzed preservation shall hand delivered on the formula in the following shall hand delivered on the formula in	B, Total Phos DA Vials Rcvd Preser ave zero headspace? I at least one unprese I y "No" response I preservation conditions any client notification as d as soon as possible, p be considered acceptat the day that they are colle	ved) rved VOA vial) must be detaile i, list sample ID, po s well as client instoreferably in the field ble when received a ected may not meet	reservative added (r ructions. Samples f d at the time of sam tt a temperature abo these criteria but sh	N/A	ed oxygen re thermal es that are
Refer to previous	thilling process has begun Work Order 1603182	6.		t 0 deg C, but was not fr	070n
·	Checklist Completed By:	Lackel Dame	s	Date: 03/18/2016	—
PN	M Review and Approval: _	Simon C		Date: <u>03/28/2016</u>	_