

LATA Environmental Services of Kentucky, LLC
101 Liberty Drive Suite 6
Kevil, KY 42053
Attn: Mr. John Samples

Passive Soil Gas Survey – Analytical Report

Date: October 30, 2012
Beacon Project No. 2480

Project Reference:	SWMU 4, Paducah, KY
Samplers Installed:	September 24, 2012
Samplers Retrieved:	October 9, 2012
Samples Received:	October 10, 2012
Analyses Completed:	October 12, 2012
Laboratory Data Issued:	October 18, 2012

EPA Method 8260C (Modified)

All samples were successfully analyzed using thermal desorption-gas chromatography/mass spectrometry (TD-GC/MS) instrumentation to target a custom compound list following EPA Method 8260C. Laboratory results are reported in nanograms (ng) of specific compound per sample.

Laboratory QA/QC procedures included internal standards, surrogates, and blanks based on EPA Method 8260C. Analyses and reporting were in accordance with BEACON's Quality Assurance Project Plan.

Reporting limits

The contract required quantification limit (CRQL) is 25 nanograms (ng) for individual compounds. **Table 1** provides survey results in nanograms per sampler by sample-point number and compound name. The CRQLs represent a baseline above which results exceed laboratory-determined limits of precision and accuracy. Any field sample measurements above the upper calibration standard are estimated; however, these values are reported without qualifiers because all reported measurements are relative to each other and are appropriate to meet the survey objectives of locating source areas and vapor intrusion pathways and defining the lateral extent of contamination.

Calibration Verification

The continuing calibration verification (CCV) values for the calibration check compounds were all within ±20% of the true values as defined by the initial five-point calibration and met the requirements specified in Beacon Environmental's Quality Assurance Project Plan.

Method Blanks/Trip Blanks

Laboratory method blanks are run with each sample batch to identify contamination present in the laboratory. If contamination is detected on a method blank, measurements of identical compounds in that sample batch are flagged in the laboratory report. The laboratory method blank analyzed in connection with the present samples revealed no contamination.

The trip blank is a sampler prepared, transported, and analyzed with other samples but intentionally not exposed. Any target compounds identified on the trip blanks are reported in the laboratory data. The analyses of the trip blanks (labeled Trip-1, Trip 2 and Trip 3 in **Table 1**) reported none of the targeted compounds.

Passive Soil-Gas Survey Notes

When sample locations are covered with or near the edge of an artificial surface (*e.g.*, asphalt or concrete), the concentrations of compounds in soil gas are often significantly higher than the concentrations would be if the surfacing were not present. Thus, a reading taken below or near an impermeable surface is much higher than it would be in the absence of such a cap. Therefore, the sample location conditions should be evaluated when comparing results between locations.

Survey findings are exclusive to this project and when the spatial relationships are compared with results of other BEACON Surveys it is necessary to incorporate survey and site information from both investigations (*e.g.*, depth to sources, soil types, porosity, soil moisture, presence of impervious surfacing, sample collection times). BEACON recommends the guidelines stated in **Attachment 1** to establish a relationship between reported soil-gas measurements and actual subsurface contaminant concentrations, which will indicate those measurements representing significant subsurface contamination.

BEACON's passive soil-gas samplers are prepared with two sets of adsorbent cartridges for subsequent duplicate or confirmatory sample analysis. At LATA's request, duplicate analysis was performed for four (4) field samples. The duplicate samples were designated with a "D" following the sample number. When comparing quantitative results, a duplicate correspondence should be considered when the relative percent difference (RPD) between the two samples is less than or equal to 100%. For the purpose of calculating correspondences, all non-detections should be assigned, as a baseline value, the CRQL for the specific contaminant. Based on these assumptions, a 100% correlation was found between the duplicate samples and their base samples.

Project Details

Samplers were deployed on September 24, 2012, and were retrieved on October 9, 2012. **Attachment 2** describes the field procedures used. Individual deployment and retrieval times will be found in the Field Deployment Report (**Attachment 3**).

Sixty five (65) field samples, four (4) duplicates and three (3) trip blanks were received by BEACON on October 10, 2012. Adsorbent cartridges from the passive samplers were thermally desorbed, then analyzed using gas chromatography/mass spectrometry (GC/MS) equipment, in accordance with EPA Method 8260C (Modified), as described in **Attachment 4**. BEACON's laboratory analyzed each sample for the targeted compounds; analyses were completed on October 12, 2012. Following a laboratory review, results were provided to LATA on October 18, 2012. The Chain-of-Custody form, which was shipped with the samples for this survey, is supplied as **Attachment 5**.

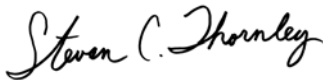
Sample locations are shown on **Figure 1**. The following table lists frequency of detections based on the number of field samples analyzed, the reporting limit, and the maximum value for each mapped compound. The table also includes the transformation and interpolation method for the compound distribution maps provided.

Figure No.	2	3	4
Compound	Trichloroethene	Total BTEX	Total Trimethylbenzenes
Frequency	2	2	1
Reporting Limit (nanograms)	25	25	25
Max Value (nanograms)	54	92	103
Transformation Method	Log	Log	Log
Interpolation Method	Kriging	Kriging	Kriging

Attachments:

- 1- Applying Results From Passive Soil-Gas Surveys
- 2- Field Procedures
- 3- Field Deployment Report
- 4- Laboratory Procedures
- 5- Chain-of-Custody Form

ALL DATA MEET REQUIREMENTS AS SPECIFIED IN THE BEACON ENVIRONMENTAL SERVICES, INC. QUALITY ASSURANCE PROJECT PLAN AND THE RESULTS RELATE ONLY TO THE SAMPLES REPORTED. THIS REPORT SHALL NOT BE REPRODUCED EXCEPT IN FULL, WITHOUT THE WRITTEN APPROVAL OF THE LABORATORY. RELEASE OF THE DATA CONTAINED IN THIS HARDCOPY DATA PACKAGE HAS BEEN AUTHORIZED BY THE LABORATORY DIRECTOR OR HIS SIGNEE, AS VERIFIED BY THE FOLLOWING SIGNATURES:



Steven C. Thornley
 Laboratory Director



Patti J. Riggs
 Quality Manager

Table 1

Beacon Environmental Services, Inc.
323 Williams Street
Bel Air, MD 21014 USA

Analysis by EPA Method 8260C (Modified)

Client Sample ID:	mb121011c	Trip-1	00401GA001	00402GA001	00403GA001	00404GA001
Project Number:		2480	2480	2480	2480	2480
Lab File ID:	C12101103	C12101106	C12101107	C12101108	C12101109	C12101110
Received Date:		10/10/2012	10/10/2012	10/10/2012	10/10/2012	10/10/2012
Analysis Date:	10/11/2012	10/11/2012	10/11/2012	10/11/2012	10/11/2012	10/11/2012
Analysis Time:	14:45	15:53	16:19	16:39	17:00	17:20
Matrix:			Soil Gas	Soil Gas	Soil Gas	Soil Gas
Units:	ng	ng	ng	ng	ng	ng
COMPOUNDS						
Vinyl Chloride	<25	<25	<25	<25	<25	<25
Trichlorofluoromethane (Freon 11)	<25	<25	<25	<25	<25	<25
1,1-Dichloroethene	<25	<25	<25	<25	<25	<25
1,1,2-Trichlorotrifluoroethane (Fr.113)	<25	<25	<25	<25	<25	<25
trans-1,2-Dichloroethene	<25	<25	<25	<25	<25	<25
Methyl-t-butyl ether	<25	<25	<25	<25	<25	<25
1,1-Dichloroethane	<25	<25	<25	<25	<25	<25
cis-1,2-Dichloroethene	<25	<25	<25	<25	<25	<25
Chloroform	<25	<25	<25	<25	<25	<25
1,2-Dichloroethane	<25	<25	<25	<25	<25	<25
1,1,1-Trichloroethane	<25	<25	<25	<25	<25	<25
Carbon Tetrachloride	<25	<25	<25	<25	<25	<25
Benzene	<25	<25	<25	<25	<25	<25
Trichloroethene	<25	<25	<25	<25	<25	<25
1,4-Dioxane	<25	<25	<25	<25	<25	<25
1,1,2-Trichloroethane	<25	<25	<25	<25	<25	<25
Toluene	<25	<25	<25	<25	<25	<25
1,2-Dibromoethane (EDB)	<25	<25	<25	<25	<25	<25
Tetrachloroethene	<25	<25	<25	<25	<25	<25
1,1,1,2-Tetrachloroethane	<25	<25	<25	<25	<25	<25
Chlorobenzene	<25	<25	<25	<25	<25	<25
Ethylbenzene	<25	<25	<25	<25	<25	<25
p & m-Xylene	<25	<25	<25	<25	<25	<25
1,1,2,2-Tetrachloroethane	<25	<25	<25	<25	<25	<25
o-Xylene	<25	<25	<25	<25	<25	<25
1,2,3-Trichloropropane	<25	<25	<25	<25	<25	<25
Isopropylbenzene	<25	<25	<25	<25	<25	<25
1,3,5-Trimethylbenzene	<25	<25	<25	<25	<25	<25
1,2,4-Trimethylbenzene	<25	<25	<25	<25	<25	<25
1,3-Dichlorobenzene	<25	<25	<25	<25	<25	<25
1,4-Dichlorobenzene	<25	<25	<25	<25	<25	<25
1,2-Dichlorobenzene	<25	<25	<25	<25	<25	<25
1,2,4-Trichlorobenzene	<25	<25	<25	<25	<25	<25
Naphthalene	<25	<25	<25	<25	<25	<25
1,2,3-Trichlorobenzene	<25	<25	<25	<25	<25	<25
2-Methylnaphthalene	<25	<25	<25	<25	<25	<25

Results in nanograms (ng). B = Detected in method blank.

Table 1

Beacon Environmental Services, Inc.
323 Williams Street
Bel Air, MD 21014 USA

Analysis by EPA Method 8260C (Modified)

	Client Sample ID: 00405GA001	00406GA001	00407GA001	00408GA001	00408GA001-D	00409GA001
	Project Number: 2480	2480	2480	2480	2480	2480
	Lab File ID: C12101111	C12101112	C12101113	C12101114	C12101115	C12101116
	Received Date: 10/10/2012	10/10/2012	10/10/2012	10/10/2012	10/10/2012	10/10/2012
	Analysis Date: 10/11/2012	10/11/2012	10/11/2012	10/11/2012	10/11/2012	10/11/2012
	Analysis Time: 17:40	18:01	18:21	18:41	19:01	19:22
	Matrix: Soil Gas	Soil Gas	Soil Gas	Soil Gas	Soil Gas	Soil Gas
	Units: ng	ng	ng	ng	ng	ng
COMPOUNDS						
Vinyl Chloride	<25	<25	<25	<25	<25	<25
Trichlorofluoromethane (Freon 11)	<25	<25	<25	<25	<25	<25
1,1-Dichloroethene	<25	<25	<25	<25	<25	<25
1,1,2-Trichlorotrifluoroethane (Fr.113)	<25	<25	<25	<25	<25	<25
trans-1,2-Dichloroethene	<25	<25	<25	<25	<25	<25
Methyl-t-butyl ether	<25	<25	<25	<25	<25	<25
1,1-Dichloroethane	<25	<25	<25	<25	<25	<25
cis-1,2-Dichloroethene	<25	<25	<25	<25	<25	<25
Chloroform	<25	<25	<25	<25	<25	<25
1,2-Dichloroethane	<25	<25	<25	<25	<25	<25
1,1,1-Trichloroethane	<25	<25	<25	<25	<25	<25
Carbon Tetrachloride	<25	<25	<25	<25	<25	<25
Benzene	<25	<25	<25	29	25	<25
Trichloroethene	<25	<25	<25	<25	<25	<25
1,4-Dioxane	<25	<25	<25	<25	<25	<25
1,1,2-Trichloroethane	<25	<25	<25	<25	<25	<25
Toluene	<25	<25	<25	33	35	<25
1,2-Dibromoethane (EDB)	<25	<25	<25	<25	<25	<25
Tetrachloroethene	<25	<25	<25	<25	<25	<25
1,1,1,2-Tetrachloroethane	<25	<25	<25	<25	<25	<25
Chlorobenzene	<25	<25	<25	<25	<25	<25
Ethylbenzene	<25	<25	<25	<25	26	<25
p & m-Xylene	<25	<25	<25	30	83	<25
1,1,2,2-Tetrachloroethane	<25	<25	<25	<25	<25	<25
o-Xylene	<25	<25	<25	<25	44	<25
1,2,3-Trichloropropane	<25	<25	<25	<25	<25	<25
Isopropylbenzene	<25	<25	<25	<25	<25	<25
1,3,5-Trimethylbenzene	<25	<25	<25	28	42	<25
1,2,4-Trimethylbenzene	<25	<25	<25	75	116	<25
1,3-Dichlorobenzene	<25	<25	<25	<25	<25	<25
1,4-Dichlorobenzene	<25	<25	<25	<25	<25	<25
1,2-Dichlorobenzene	<25	<25	<25	<25	<25	<25
1,2,4-Trichlorobenzene	<25	<25	<25	<25	<25	<25
Naphthalene	<25	<25	<25	<25	<25	<25
1,2,3-Trichlorobenzene	<25	<25	<25	<25	<25	<25
2-Methylnaphthalene	<25	<25	<25	<25	<25	<25

Results in nanograms (ng). B = Detected in method blank.

Table 1

Beacon Environmental Services, Inc.
323 Williams Street
Bel Air, MD 21014 USA

Analysis by EPA Method 8260C (Modified)

	Client Sample ID: 00410GA001	00411GA001	00412GA001	00413GA001	00414GA001	00415GA001
	Project Number: 2480	2480	2480	2480	2480	2480
	Lab File ID: C12101117	C12101118	C12101119	C12101120	C12101121	C12101122
	Received Date: 10/10/2012	10/10/2012	10/10/2012	10/10/2012	10/10/2012	10/10/2012
	Analysis Date: 10/11/2012	10/11/2012	10/11/2012	10/11/2012	10/11/2012	10/11/2012
	Analysis Time: 19:42	20:02	20:22	20:43	21:03	21:23
	Matrix: Soil Gas	Soil Gas	Soil Gas	Soil Gas	Soil Gas	Soil Gas
	Units: ng	ng	ng	ng	ng	ng
COMPOUNDS						
Vinyl Chloride	<25	<25	<25	<25	<25	<25
Trichlorofluoromethane (Freon 11)	<25	<25	<25	<25	<25	<25
1,1-Dichloroethene	<25	<25	<25	<25	<25	<25
1,1,2-Trichlorotrifluoroethane (Fr.113)	<25	<25	<25	<25	<25	<25
trans-1,2-Dichloroethene	<25	<25	<25	<25	<25	<25
Methyl-t-butyl ether	<25	<25	<25	<25	<25	<25
1,1-Dichloroethane	<25	<25	<25	<25	<25	<25
cis-1,2-Dichloroethene	<25	<25	<25	<25	<25	<25
Chloroform	<25	<25	<25	<25	<25	<25
1,2-Dichloroethane	<25	<25	<25	<25	<25	<25
1,1,1-Trichloroethane	<25	<25	<25	<25	<25	<25
Carbon Tetrachloride	<25	<25	<25	<25	<25	<25
Benzene	<25	<25	<25	<25	<25	<25
Trichloroethene	<25	<25	<25	<25	<25	<25
1,4-Dioxane	<25	<25	<25	<25	<25	<25
1,1,2-Trichloroethane	<25	<25	<25	<25	<25	<25
Toluene	<25	<25	<25	<25	<25	<25
1,2-Dibromoethane (EDB)	<25	<25	<25	<25	<25	<25
Tetrachloroethene	<25	<25	<25	<25	<25	<25
1,1,1,2-Tetrachloroethane	<25	<25	<25	<25	<25	<25
Chlorobenzene	<25	<25	<25	<25	<25	<25
Ethylbenzene	<25	<25	<25	<25	<25	<25
p & m-Xylene	<25	<25	<25	<25	<25	<25
1,1,2,2-Tetrachloroethane	<25	<25	<25	<25	<25	<25
o-Xylene	<25	<25	<25	<25	<25	<25
1,2,3-Trichloropropane	<25	<25	<25	<25	<25	<25
Isopropylbenzene	<25	<25	<25	<25	<25	<25
1,3,5-Trimethylbenzene	<25	<25	<25	<25	<25	<25
1,2,4-Trimethylbenzene	<25	<25	<25	<25	<25	<25
1,3-Dichlorobenzene	<25	<25	<25	<25	<25	<25
1,4-Dichlorobenzene	<25	<25	<25	<25	<25	<25
1,2-Dichlorobenzene	<25	<25	<25	<25	<25	<25
1,2,4-Trichlorobenzene	<25	<25	<25	<25	<25	<25
Naphthalene	<25	<25	<25	<25	<25	<25
1,2,3-Trichlorobenzene	<25	<25	<25	<25	<25	<25
2-Methylnaphthalene	<25	<25	<25	<25	<25	<25

Results in nanograms (ng). B = Detected in method blank.

Table 1

Beacon Environmental Services, Inc.
323 Williams Street
Bel Air, MD 21014 USA

Analysis by EPA Method 8260C (Modified)

	Client Sample ID: 00416GA001	00417GA001	mb121011c1	00418GA001	00419GA001	00420GA001
	Project Number: 2480	2480		2480	2480	2480
	Lab File ID: C12101123	C12101124	C12101127	C12101129	C12101130	C12101131
	Received Date: 10/10/2012	10/10/2012		10/10/2012	10/10/2012	10/10/2012
	Analysis Date: 10/11/2012	10/11/2012	10/11/2012	10/11/2012	10/12/2012	10/12/2012
	Analysis Time: 21:43	22:03	23:05	23:51	0:12	0:32
	Matrix: Soil Gas	Soil Gas		Soil Gas	Soil Gas	Soil Gas
	Units: ng	ng	ng	ng	ng	ng
COMPOUNDS						
Vinyl Chloride	<25	<25	<25	<25	<25	<25
Trichlorofluoromethane (Freon 11)	<25	<25	<25	<25	<25	<25
1,1-Dichloroethene	<25	<25	<25	<25	<25	<25
1,1,2-Trichlorotrifluoroethane (Fr.113)	<25	<25	<25	<25	<25	<25
trans-1,2-Dichloroethene	<25	<25	<25	<25	<25	<25
Methyl-t-butyl ether	<25	<25	<25	<25	<25	<25
1,1-Dichloroethane	<25	<25	<25	<25	<25	<25
cis-1,2-Dichloroethene	<25	<25	<25	<25	<25	<25
Chloroform	<25	<25	<25	<25	<25	<25
1,2-Dichloroethane	<25	<25	<25	<25	<25	<25
1,1,1-Trichloroethane	<25	<25	<25	<25	<25	<25
Carbon Tetrachloride	<25	<25	<25	<25	<25	<25
Benzene	<25	<25	<25	<25	<25	<25
Trichloroethene	<25	<25	<25	<25	<25	<25
1,4-Dioxane	<25	<25	<25	<25	<25	<25
1,1,2-Trichloroethane	<25	<25	<25	<25	<25	<25
Toluene	<25	<25	<25	<25	<25	<25
1,2-Dibromoethane (EDB)	<25	<25	<25	<25	<25	<25
Tetrachloroethene	<25	<25	<25	<25	<25	<25
1,1,1,2-Tetrachloroethane	<25	<25	<25	<25	<25	<25
Chlorobenzene	<25	<25	<25	<25	<25	<25
Ethylbenzene	<25	<25	<25	<25	<25	<25
p & m-Xylene	<25	<25	<25	<25	<25	<25
1,1,2,2-Tetrachloroethane	<25	<25	<25	<25	<25	<25
o-Xylene	<25	<25	<25	<25	<25	<25
1,2,3-Trichloropropane	<25	<25	<25	<25	<25	<25
Isopropylbenzene	<25	<25	<25	<25	<25	<25
1,3,5-Trimethylbenzene	<25	<25	<25	<25	<25	<25
1,2,4-Trimethylbenzene	<25	<25	<25	<25	<25	<25
1,3-Dichlorobenzene	<25	<25	<25	<25	<25	<25
1,4-Dichlorobenzene	<25	<25	<25	<25	<25	<25
1,2-Dichlorobenzene	<25	<25	<25	<25	<25	<25
1,2,4-Trichlorobenzene	<25	<25	<25	<25	<25	<25
Naphthalene	<25	<25	<25	<25	<25	<25
1,2,3-Trichlorobenzene	<25	<25	<25	<25	<25	<25
2-Methylnaphthalene	<25	<25	<25	<25	<25	<25

Results in nanograms (ng). B = Detected in method blank.

Table 1

Beacon Environmental Services, Inc.
323 Williams Street
Bel Air, MD 21014 USA

Analysis by EPA Method 8260C (Modified)

	Client Sample ID: 00421GA001	00422GA001	00423GA001	00424GA001	00425GA001	00426GA001
Project Number:	2480	2480	2480	2480	2480	2480
Lab File ID:	C12101132	C12101133	C12101134	C12101135	C12101136	C12101137
Received Date:	10/10/2012	10/10/2012	10/10/2012	10/10/2012	10/10/2012	10/10/2012
Analysis Date:	10/12/2012	10/12/2012	10/12/2012	10/12/2012	10/12/2012	10/12/2012
Analysis Time:	0:52	1:12	1:32	1:53	2:13	2:33
Matrix:	Soil Gas	Soil Gas	Soil Gas	Soil Gas	Soil Gas	Soil Gas
Units:	ng	ng	ng	ng	ng	ng
COMPOUNDS						
Vinyl Chloride	<25	<25	<25	<25	<25	<25
Trichlorofluoromethane (Freon 11)	<25	<25	<25	<25	<25	<25
1,1-Dichloroethene	<25	<25	<25	<25	<25	<25
1,1,2-Trichlorotrifluoroethane (Fr.113)	<25	<25	<25	<25	<25	<25
trans-1,2-Dichloroethene	<25	<25	<25	<25	<25	<25
Methyl-t-butyl ether	<25	<25	<25	<25	<25	<25
1,1-Dichloroethane	<25	<25	<25	<25	<25	<25
cis-1,2-Dichloroethene	<25	<25	<25	<25	<25	<25
Chloroform	<25	<25	<25	<25	<25	<25
1,2-Dichloroethane	<25	<25	<25	<25	<25	<25
1,1,1-Trichloroethane	<25	<25	<25	<25	<25	<25
Carbon Tetrachloride	<25	<25	<25	<25	<25	<25
Benzene	<25	<25	<25	<25	<25	<25
Trichloroethene	<25	<25	<25	<25	<25	<25
1,4-Dioxane	<25	<25	<25	<25	<25	<25
1,1,2-Trichloroethane	<25	<25	<25	<25	<25	<25
Toluene	<25	<25	<25	<25	<25	<25
1,2-Dibromoethane (EDB)	<25	<25	<25	<25	<25	<25
Tetrachloroethene	<25	<25	<25	<25	<25	<25
1,1,1,2-Tetrachloroethane	<25	<25	<25	<25	<25	<25
Chlorobenzene	<25	<25	<25	<25	<25	<25
Ethylbenzene	<25	<25	<25	<25	<25	<25
p & m-Xylene	<25	<25	<25	<25	<25	<25
1,1,2,2-Tetrachloroethane	<25	<25	<25	<25	<25	<25
o-Xylene	<25	<25	<25	<25	<25	<25
1,2,3-Trichloropropane	<25	<25	<25	<25	<25	<25
Isopropylbenzene	<25	<25	<25	<25	<25	<25
1,3,5-Trimethylbenzene	<25	<25	<25	<25	<25	<25
1,2,4-Trimethylbenzene	<25	<25	<25	<25	<25	<25
1,3-Dichlorobenzene	<25	<25	<25	<25	<25	<25
1,4-Dichlorobenzene	<25	<25	<25	<25	<25	<25
1,2-Dichlorobenzene	<25	<25	<25	<25	<25	<25
1,2,4-Trichlorobenzene	<25	<25	<25	<25	<25	<25
Naphthalene	<25	<25	<25	<25	<25	<25
1,2,3-Trichlorobenzene	<25	<25	<25	<25	<25	<25
2-Methylnaphthalene	<25	<25	<25	<25	<25	<25

Results in nanograms (ng). B = Detected in method blank.

Table 1

Beacon Environmental Services, Inc.
323 Williams Street
Bel Air, MD 21014 USA

Analysis by EPA Method 8260C (Modified)

	Client Sample ID: 00427GA001	00428GA001	00429GA001	00429GA001-D	00430GA001	00431GA001
Project Number:	2480	2480	2480	2480	2480	2480
Lab File ID:	C12101138	C12101139	C12101140	C12101141	C12101142	C12101143
Received Date:	10/10/2012	10/10/2012	10/10/2012	10/10/2012	10/10/2012	10/10/2012
Analysis Date:	10/12/2012	10/12/2012	10/12/2012	10/12/2012	10/12/2012	10/12/2012
Analysis Time:	2:53	3:13	3:33	3:54	4:14	4:34
Matrix:	Soil Gas	Soil Gas	Soil Gas	Soil Gas	Soil Gas	Soil Gas
Units:	ng	ng	ng	ng	ng	ng
COMPOUNDS						
Vinyl Chloride	<25	<25	<25	<25	<25	<25
Trichlorofluoromethane (Freon 11)	<25	<25	<25	<25	<25	<25
1,1-Dichloroethene	<25	<25	<25	<25	<25	<25
1,1,2-Trichlorotrifluoroethane (Fr.113)	<25	<25	<25	<25	<25	<25
trans-1,2-Dichloroethene	<25	<25	<25	<25	<25	<25
Methyl-t-butyl ether	<25	<25	<25	<25	<25	<25
1,1-Dichloroethane	<25	<25	<25	<25	<25	<25
cis-1,2-Dichloroethene	<25	<25	<25	<25	<25	<25
Chloroform	<25	<25	<25	<25	<25	<25
1,2-Dichloroethane	<25	<25	<25	<25	<25	<25
1,1,1-Trichloroethane	<25	<25	<25	<25	<25	<25
Carbon Tetrachloride	<25	<25	<25	<25	<25	<25
Benzene	<25	<25	<25	<25	<25	<25
Trichloroethene	<25	<25	<25	<25	29	<25
1,4-Dioxane	<25	<25	<25	<25	<25	<25
1,1,2-Trichloroethane	<25	<25	<25	<25	<25	<25
Toluene	<25	<25	<25	<25	<25	<25
1,2-Dibromoethane (EDB)	<25	<25	<25	<25	<25	<25
Tetrachloroethene	<25	<25	<25	<25	<25	<25
1,1,1,2-Tetrachloroethane	<25	<25	<25	<25	<25	<25
Chlorobenzene	<25	<25	<25	<25	<25	<25
Ethylbenzene	<25	<25	<25	<25	<25	<25
p & m-Xylene	<25	<25	<25	<25	<25	<25
1,1,2,2-Tetrachloroethane	<25	<25	<25	<25	<25	<25
o-Xylene	<25	<25	<25	<25	<25	<25
1,2,3-Trichloropropane	<25	<25	<25	<25	<25	<25
Isopropylbenzene	<25	<25	<25	<25	<25	<25
1,3,5-Trimethylbenzene	<25	<25	<25	<25	<25	<25
1,2,4-Trimethylbenzene	<25	<25	<25	<25	<25	<25
1,3-Dichlorobenzene	<25	<25	<25	<25	<25	<25
1,4-Dichlorobenzene	<25	<25	<25	<25	<25	<25
1,2-Dichlorobenzene	<25	<25	<25	<25	<25	<25
1,2,4-Trichlorobenzene	<25	<25	<25	<25	<25	<25
Naphthalene	<25	<25	<25	<25	<25	<25
1,2,3-Trichlorobenzene	<25	<25	<25	<25	<25	<25
2-Methylnaphthalene	<25	<25	<25	<25	<25	<25

Results in nanograms (ng). B = Detected in method blank.

Table 1

Beacon Environmental Services, Inc.
323 Williams Street
Bel Air, MD 21014 USA

Analysis by EPA Method 8260C (Modified)

	Client Sample ID: 00432GA001	00433GA001	00434GA001	00435GA001	00436GA001	mb121012c
	Project Number: 2480	2480	2480	2480	2480	
	Lab File ID: C12101144	C12101145	C12101146	C12101147	C12101148	C12101203
	Received Date: 10/10/2012	10/10/2012	10/10/2012	10/10/2012	10/10/2012	
	Analysis Date: 10/12/2012	10/12/2012	10/12/2012	10/12/2012	10/12/2012	10/12/2012
	Analysis Time: 4:54	5:15	5:35	5:55	6:15	10:34
	Matrix: Soil Gas	Soil Gas	Soil Gas	Soil Gas	Soil Gas	
	Units: ng	ng	ng	ng	ng	ng
COMPOUNDS						
Vinyl Chloride	<25	<25	<25	<25	<25	<25
Trichlorofluoromethane (Freon 11)	<25	<25	<25	<25	<25	<25
1,1-Dichloroethene	<25	<25	<25	<25	<25	<25
1,1,2-Trichlorotrifluoroethane (Fr.113)	<25	<25	<25	<25	<25	<25
trans-1,2-Dichloroethene	<25	<25	<25	<25	<25	<25
Methyl-t-butyl ether	<25	<25	<25	<25	<25	<25
1,1-Dichloroethane	<25	<25	<25	<25	<25	<25
cis-1,2-Dichloroethene	<25	<25	<25	<25	<25	<25
Chloroform	<25	<25	<25	<25	<25	<25
1,2-Dichloroethane	<25	<25	<25	<25	<25	<25
1,1,1-Trichloroethane	<25	<25	<25	<25	<25	<25
Carbon Tetrachloride	<25	<25	<25	<25	<25	<25
Benzene	<25	<25	<25	<25	<25	<25
Trichloroethene	<25	<25	<25	<25	<25	<25
1,4-Dioxane	<25	<25	<25	<25	<25	<25
1,1,2-Trichloroethane	<25	<25	<25	<25	<25	<25
Toluene	<25	<25	<25	<25	<25	<25
1,2-Dibromoethane (EDB)	<25	<25	<25	<25	<25	<25
Tetrachloroethene	<25	<25	<25	<25	<25	<25
1,1,1,2-Tetrachloroethane	<25	<25	<25	<25	<25	<25
Chlorobenzene	<25	<25	<25	<25	<25	<25
Ethylbenzene	<25	<25	<25	<25	<25	<25
p & m-Xylene	<25	<25	<25	<25	<25	<25
1,1,2,2-Tetrachloroethane	<25	<25	<25	<25	<25	<25
o-Xylene	<25	<25	<25	<25	<25	<25
1,2,3-Trichloropropane	<25	<25	<25	<25	<25	<25
Isopropylbenzene	<25	<25	<25	<25	<25	<25
1,3,5-Trimethylbenzene	<25	<25	<25	<25	<25	<25
1,2,4-Trimethylbenzene	<25	<25	<25	<25	<25	<25
1,3-Dichlorobenzene	<25	<25	<25	<25	<25	<25
1,4-Dichlorobenzene	<25	<25	<25	<25	<25	<25
1,2-Dichlorobenzene	<25	<25	<25	<25	<25	<25
1,2,4-Trichlorobenzene	<25	<25	<25	<25	<25	<25
Naphthalene	<25	<25	<25	<25	<25	<25
1,2,3-Trichlorobenzene	<25	<25	<25	<25	<25	<25
2-Methylnaphthalene	<25	<25	<25	<25	<25	<25

Results in nanograms (ng). B = Detected in method blank.

Table 1

Beacon Environmental Services, Inc.
323 Williams Street
Bel Air, MD 21014 USA

Analysis by EPA Method 8260C (Modified)

Client Sample ID:	Trip-2	Trip-3	00437GA001	00437GA001-D	00438GA001	00439GA001
Project Number:	2480	2480	2480	2480	2480	2480
Lab File ID:	C12101205	C12101206	C12101207	C12101208	C12101209	C12101210
Received Date:	10/10/2012	10/10/2012	10/10/2012	10/10/2012	10/10/2012	10/10/2012
Analysis Date:	10/12/2012	10/12/2012	10/12/2012	10/12/2012	10/12/2012	10/12/2012
Analysis Time:	11:20	11:39	11:59	12:19	12:39	12:59
Matrix:		Soil Gas	Soil Gas	Soil Gas	Soil Gas	Soil Gas
Units:	ng	ng	ng	ng	ng	ng
COMPOUNDS						
Vinyl Chloride	<25	<25	<25	<25	<25	<25
Trichlorofluoromethane (Freon 11)	<25	<25	<25	<25	<25	<25
1,1-Dichloroethene	<25	<25	<25	<25	<25	<25
1,1,2-Trichlorotrifluoroethane (Fr.113)	<25	<25	<25	<25	<25	<25
trans-1,2-Dichloroethene	<25	<25	<25	<25	<25	<25
Methyl-t-butyl ether	<25	<25	<25	<25	<25	<25
1,1-Dichloroethane	<25	<25	<25	<25	<25	<25
cis-1,2-Dichloroethene	<25	<25	<25	<25	<25	<25
Chloroform	<25	<25	<25	<25	<25	<25
1,2-Dichloroethane	<25	<25	<25	<25	<25	<25
1,1,1-Trichloroethane	<25	<25	<25	<25	<25	<25
Carbon Tetrachloride	<25	<25	<25	<25	<25	<25
Benzene	<25	<25	<25	<25	<25	<25
Trichloroethene	<25	<25	<25	<25	<25	<25
1,4-Dioxane	<25	<25	<25	<25	<25	<25
1,1,2-Trichloroethane	<25	<25	<25	<25	<25	<25
Toluene	<25	<25	<25	<25	<25	<25
1,2-Dibromoethane (EDB)	<25	<25	<25	<25	<25	<25
Tetrachloroethene	<25	<25	<25	<25	<25	<25
1,1,1,2-Tetrachloroethane	<25	<25	<25	<25	<25	<25
Chlorobenzene	<25	<25	<25	<25	<25	<25
Ethylbenzene	<25	<25	<25	<25	<25	<25
p & m-Xylene	<25	<25	<25	<25	<25	<25
1,1,2,2-Tetrachloroethane	<25	<25	<25	<25	<25	<25
o-Xylene	<25	<25	<25	<25	<25	<25
1,2,3-Trichloropropane	<25	<25	<25	<25	<25	<25
Isopropylbenzene	<25	<25	<25	<25	<25	<25
1,3,5-Trimethylbenzene	<25	<25	<25	<25	<25	<25
1,2,4-Trimethylbenzene	<25	<25	<25	<25	<25	<25
1,3-Dichlorobenzene	<25	<25	<25	<25	<25	<25
1,4-Dichlorobenzene	<25	<25	<25	<25	<25	<25
1,2-Dichlorobenzene	<25	<25	<25	<25	<25	<25
1,2,4-Trichlorobenzene	<25	<25	<25	<25	<25	<25
Naphthalene	<25	<25	<25	<25	<25	<25
1,2,3-Trichlorobenzene	<25	<25	<25	<25	<25	<25
2-Methylnaphthalene	<25	<25	<25	<25	<25	<25

Results in nanograms (ng). B = Detected in method blank.

Table 1

Beacon Environmental Services, Inc.
323 Williams Street
Bel Air, MD 21014 USA

Analysis by EPA Method 8260C (Modified)

	Client Sample ID: 00440GA001	00441GA001	00442GA001	00443GA001	00444GA001	00445GA001
	Project Number: 2480	2480	2480	2480	2480	2480
	Lab File ID: C12101211	C12101212	C12101213	C12101214	C12101215	C12101216
	Received Date: 10/10/2012	10/10/2012	10/10/2012	10/10/2012	10/10/2012	10/10/2012
	Analysis Date: 10/12/2012	10/12/2012	10/12/2012	10/12/2012	10/12/2012	10/12/2012
	Analysis Time: 13:19	13:38	13:58	14:17	14:36	14:55
	Matrix: Soil Gas	Soil Gas	Soil Gas	Soil Gas	Soil Gas	Soil Gas
	Units: ng	ng	ng	ng	ng	ng
COMPOUNDS						
Vinyl Chloride	<25	<25	<25	<25	<25	<25
Trichlorofluoromethane (Freon 11)	<25	<25	<25	<25	<25	<25
1,1-Dichloroethene	<25	<25	<25	<25	<25	<25
1,1,2-Trichlorotrifluoroethane (Fr.113)	<25	<25	<25	<25	<25	<25
trans-1,2-Dichloroethene	<25	<25	<25	<25	<25	<25
Methyl-t-butyl ether	<25	<25	<25	<25	<25	<25
1,1-Dichloroethane	<25	<25	<25	<25	<25	<25
cis-1,2-Dichloroethene	<25	<25	<25	<25	<25	<25
Chloroform	<25	<25	<25	<25	<25	<25
1,2-Dichloroethane	<25	<25	<25	<25	<25	<25
1,1,1-Trichloroethane	<25	<25	<25	<25	<25	<25
Carbon Tetrachloride	<25	<25	<25	<25	<25	<25
Benzene	<25	<25	<25	<25	<25	<25
Trichloroethene	<25	<25	<25	<25	<25	<25
1,4-Dioxane	<25	<25	<25	<25	<25	<25
1,1,2-Trichloroethane	<25	<25	<25	<25	<25	<25
Toluene	<25	<25	<25	<25	<25	<25
1,2-Dibromoethane (EDB)	<25	<25	<25	<25	<25	<25
Tetrachloroethene	<25	<25	<25	<25	<25	<25
1,1,1,2-Tetrachloroethane	<25	<25	<25	<25	<25	<25
Chlorobenzene	<25	<25	<25	<25	<25	<25
Ethylbenzene	<25	<25	<25	<25	<25	<25
p & m-Xylene	<25	<25	<25	<25	<25	<25
1,1,2,2-Tetrachloroethane	<25	<25	<25	<25	<25	<25
o-Xylene	<25	<25	<25	<25	<25	<25
1,2,3-Trichloropropane	<25	<25	<25	<25	<25	<25
Isopropylbenzene	<25	<25	<25	<25	<25	<25
1,3,5-Trimethylbenzene	<25	<25	<25	<25	<25	<25
1,2,4-Trimethylbenzene	<25	<25	<25	<25	<25	<25
1,3-Dichlorobenzene	<25	<25	<25	<25	<25	<25
1,4-Dichlorobenzene	<25	<25	<25	<25	<25	<25
1,2-Dichlorobenzene	<25	<25	<25	<25	<25	<25
1,2,4-Trichlorobenzene	<25	<25	<25	<25	<25	<25
Naphthalene	<25	<25	<25	<25	<25	<25
1,2,3-Trichlorobenzene	<25	<25	<25	<25	<25	<25
2-Methylnaphthalene	<25	<25	<25	<25	<25	<25

Results in nanograms (ng). B = Detected in method blank.

Table 1

Beacon Environmental Services, Inc.
323 Williams Street
Bel Air, MD 21014 USA

Analysis by EPA Method 8260C (Modified)

Client Sample ID:	00446GA001	00447GA001	00448GA001	00449GA001	00450GA001	00451GA001
Project Number:	2480	2480	2480	2480	2480	2480
Lab File ID:	C12101217	C12101218	C12101219	C12101220	C12101221	C12101222
Received Date:	10/10/2012	10/10/2012	10/10/2012	10/10/2012	10/10/2012	10/10/2012
Analysis Date:	10/12/2012	10/12/2012	10/12/2012	10/12/2012	10/12/2012	10/12/2012
Analysis Time:	15:15	15:34	15:54	16:13	16:33	16:53
Matrix:	Soil Gas	Soil Gas	Soil Gas	Soil Gas	Soil Gas	Soil Gas
Units:	ng	ng	ng	ng	ng	ng
COMPOUNDS						
Vinyl Chloride	<25	<25	<25	<25	<25	<25
Trichlorofluoromethane (Freon 11)	<25	<25	<25	<25	<25	<25
1,1-Dichloroethene	<25	<25	<25	<25	<25	<25
1,1,2-Trichlorotrifluoroethane (Fr.113)	<25	<25	<25	<25	<25	<25
trans-1,2-Dichloroethene	<25	<25	<25	<25	<25	<25
Methyl-t-butyl ether	<25	<25	<25	<25	<25	<25
1,1-Dichloroethane	<25	<25	<25	<25	<25	<25
cis-1,2-Dichloroethene	<25	<25	<25	<25	<25	<25
Chloroform	<25	<25	<25	<25	<25	<25
1,2-Dichloroethane	<25	<25	<25	<25	<25	<25
1,1,1-Trichloroethane	<25	<25	<25	<25	<25	<25
Carbon Tetrachloride	<25	<25	<25	<25	<25	<25
Benzene	<25	<25	<25	<25	<25	<25
Trichloroethene	<25	<25	<25	<25	<25	<25
1,4-Dioxane	<25	<25	<25	<25	<25	<25
1,1,2-Trichloroethane	<25	<25	<25	<25	<25	<25
Toluene	<25	<25	<25	<25	<25	<25
1,2-Dibromoethane (EDB)	<25	<25	<25	<25	<25	<25
Tetrachloroethene	<25	<25	<25	<25	<25	<25
1,1,1,2-Tetrachloroethane	<25	<25	<25	<25	<25	<25
Chlorobenzene	<25	<25	<25	<25	<25	<25
Ethylbenzene	<25	<25	<25	<25	<25	<25
p & m-Xylene	<25	<25	<25	<25	<25	<25
1,1,2,2-Tetrachloroethane	<25	<25	<25	<25	<25	<25
o-Xylene	<25	<25	<25	<25	<25	<25
1,2,3-Trichloropropane	<25	<25	<25	<25	<25	<25
Isopropylbenzene	<25	<25	<25	<25	<25	<25
1,3,5-Trimethylbenzene	<25	<25	<25	<25	<25	<25
1,2,4-Trimethylbenzene	<25	<25	<25	<25	<25	<25
1,3-Dichlorobenzene	<25	<25	<25	<25	<25	<25
1,4-Dichlorobenzene	<25	<25	<25	<25	<25	<25
1,2-Dichlorobenzene	<25	<25	<25	<25	<25	<25
1,2,4-Trichlorobenzene	<25	<25	<25	<25	<25	<25
Naphthalene	<25	<25	<25	<25	<25	<25
1,2,3-Trichlorobenzene	<25	<25	<25	<25	<25	<25
2-Methylnaphthalene	<25	<25	<25	<25	<25	<25

Results in nanograms (ng). B = Detected in method blank.

Table 1

Beacon Environmental Services, Inc.
323 Williams Street
Bel Air, MD 21014 USA

Analysis by EPA Method 8260C (Modified)

	Client Sample ID: 00452GA001	00453GA001	mb121012c1	00454GA001	00455GA001	00456GA001
	Project Number: 2480	2480		2480	2480	2480
	Lab File ID: C12101223	C12101224	C12101227	C12101229	C12101230	C12101231
	Received Date: 10/10/2012	10/10/2012		10/10/2012	10/10/2012	10/10/2012
	Analysis Date: 10/12/2012	10/12/2012	10/12/2012	10/12/2012	10/12/2012	10/12/2012
	Analysis Time: 17:13	17:34	18:36	19:22	19:42	20:02
	Matrix: Soil Gas	Soil Gas		Soil Gas	Soil Gas	Soil Gas
	Units: ng	ng	ng	ng	ng	ng
COMPOUNDS						
Vinyl Chloride	<25	<25	<25	<25	<25	<25
Trichlorofluoromethane (Freon 11)	<25	<25	<25	<25	<25	<25
1,1-Dichloroethene	<25	<25	<25	<25	<25	<25
1,1,2-Trichlorotrifluoroethane (Fr.113)	<25	27	<25	<25	<25	<25
trans-1,2-Dichloroethene	<25	<25	<25	<25	<25	<25
Methyl-t-butyl ether	<25	<25	<25	<25	<25	<25
1,1-Dichloroethane	<25	<25	<25	<25	<25	<25
cis-1,2-Dichloroethene	<25	<25	<25	<25	<25	<25
Chloroform	<25	<25	<25	<25	<25	<25
1,2-Dichloroethane	<25	<25	<25	<25	<25	<25
1,1,1-Trichloroethane	<25	<25	<25	<25	<25	<25
Carbon Tetrachloride	<25	<25	<25	<25	<25	<25
Benzene	<25	<25	<25	<25	<25	<25
Trichloroethene	<25	<25	<25	<25	<25	<25
1,4-Dioxane	<25	<25	<25	<25	<25	<25
1,1,2-Trichloroethane	<25	<25	<25	<25	<25	<25
Toluene	<25	<25	<25	<25	<25	<25
1,2-Dibromoethane (EDB)	<25	<25	<25	<25	<25	<25
Tetrachloroethene	<25	<25	<25	<25	<25	<25
1,1,1,2-Tetrachloroethane	<25	<25	<25	<25	<25	<25
Chlorobenzene	<25	<25	<25	<25	<25	<25
Ethylbenzene	<25	<25	<25	<25	<25	<25
p & m-Xylene	<25	<25	<25	<25	<25	<25
1,1,2,2-Tetrachloroethane	<25	<25	<25	<25	<25	<25
o-Xylene	<25	<25	<25	<25	<25	<25
1,2,3-Trichloropropane	<25	<25	<25	<25	<25	<25
Isopropylbenzene	<25	<25	<25	<25	<25	<25
1,3,5-Trimethylbenzene	<25	<25	<25	<25	<25	<25
1,2,4-Trimethylbenzene	<25	<25	<25	<25	<25	<25
1,3-Dichlorobenzene	<25	<25	<25	<25	<25	<25
1,4-Dichlorobenzene	<25	<25	<25	<25	<25	<25
1,2-Dichlorobenzene	<25	<25	<25	<25	<25	<25
1,2,4-Trichlorobenzene	<25	<25	<25	<25	<25	<25
Naphthalene	<25	<25	<25	<25	<25	<25
1,2,3-Trichlorobenzene	<25	<25	<25	<25	<25	<25
2-Methylnaphthalene	<25	<25	<25	<25	<25	<25

Results in nanograms (ng). B = Detected in method blank.

Table 1

Beacon Environmental Services, Inc.
323 Williams Street
Bel Air, MD 21014 USA

Analysis by EPA Method 8260C (Modified)

	Client Sample ID: 00457GA001	00458GA001	00459GA001	00459GA001-D	00460GA001	00461GA001
	Project Number: 2480	2480	2480	2480	2480	2480
	Lab File ID: C12101232	C12101233	C12101234	C12101235	C12101236	C12101237
	Received Date: 10/10/2012	10/10/2012	10/10/2012	10/10/2012	10/10/2012	10/10/2012
	Analysis Date: 10/12/2012	10/12/2012	10/12/2012	10/12/2012	10/12/2012	10/12/2012
	Analysis Time: 20:23	20:43	21:03	21:23	21:44	22:04
	Matrix: Soil Gas	Soil Gas	Soil Gas	Soil Gas	Soil Gas	Soil Gas
	Units: ng	ng	ng	ng	ng	ng
COMPOUNDS						
Vinyl Chloride	<25	<25	<25	<25	<25	<25
Trichlorofluoromethane (Freon 11)	<25	<25	<25	<25	<25	<25
1,1-Dichloroethene	<25	<25	<25	<25	<25	<25
1,1,2-Trichlorotrifluoroethane (Fr.113)	<25	<25	<25	<25	<25	<25
trans-1,2-Dichloroethene	<25	<25	<25	<25	<25	<25
Methyl-t-butyl ether	<25	<25	<25	<25	<25	<25
1,1-Dichloroethane	<25	<25	<25	<25	<25	<25
cis-1,2-Dichloroethene	<25	<25	<25	<25	<25	<25
Chloroform	<25	<25	<25	<25	<25	<25
1,2-Dichloroethane	<25	<25	<25	<25	<25	<25
1,1,1-Trichloroethane	<25	<25	<25	<25	<25	<25
Carbon Tetrachloride	<25	<25	<25	<25	<25	<25
Benzene	<25	<25	<25	<25	<25	<25
Trichloroethene	<25	54	<25	<25	<25	<25
1,4-Dioxane	<25	<25	<25	<25	<25	<25
1,1,2-Trichloroethane	<25	<25	<25	<25	<25	<25
Toluene	28	<25	<25	<25	<25	<25
1,2-Dibromoethane (EDB)	<25	<25	<25	<25	<25	<25
Tetrachloroethene	<25	<25	<25	<25	<25	<25
1,1,1,2-Tetrachloroethane	<25	<25	<25	<25	<25	<25
Chlorobenzene	<25	<25	<25	<25	<25	<25
Ethylbenzene	<25	<25	<25	<25	<25	<25
p & m-Xylene	<25	<25	<25	<25	<25	<25
1,1,2,2-Tetrachloroethane	<25	<25	<25	<25	<25	<25
o-Xylene	<25	<25	<25	<25	<25	<25
1,2,3-Trichloropropane	<25	<25	<25	<25	<25	<25
Isopropylbenzene	<25	<25	<25	<25	<25	<25
1,3,5-Trimethylbenzene	<25	<25	<25	<25	<25	<25
1,2,4-Trimethylbenzene	<25	<25	<25	<25	<25	<25
1,3-Dichlorobenzene	<25	<25	<25	<25	<25	<25
1,4-Dichlorobenzene	<25	<25	<25	<25	<25	<25
1,2-Dichlorobenzene	<25	<25	<25	<25	<25	<25
1,2,4-Trichlorobenzene	<25	<25	<25	<25	<25	<25
Naphthalene	<25	<25	<25	<25	<25	<25
1,2,3-Trichlorobenzene	<25	<25	<25	<25	<25	<25
2-Methylnaphthalene	<25	<25	<25	<25	<25	<25

Results in nanograms (ng). B = Detected in method blank.

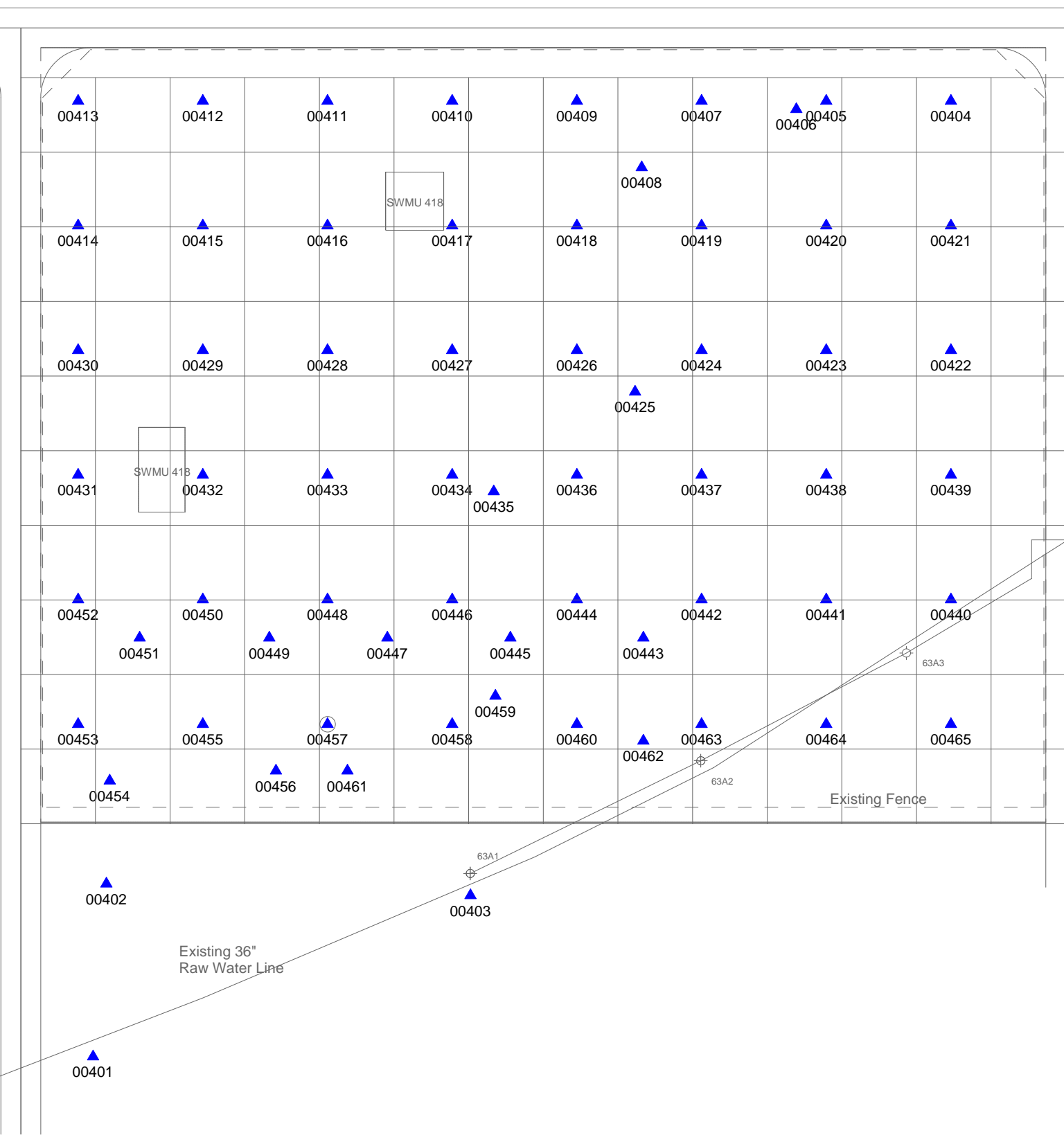
Table 1

Beacon Environmental Services, Inc.
323 Williams Street
Bel Air, MD 21014 USA

Analysis by EPA Method 8260C (Modified)

	Client Sample ID: 00462GA001	00463GA001	00464GA001	00465GA001
Project Number:	2480	2480	2480	2480
Lab File ID:	C12101238	C12101239	C12101240	C12101241
Received Date:	10/10/2012	10/10/2012	10/10/2012	10/10/2012
Analysis Date:	10/12/2012	10/12/2012	10/12/2012	10/12/2012
Analysis Time:	22:24	22:44	23:04	23:25
Matrix:	Soil Gas	Soil Gas	Soil Gas	Soil Gas
Units:	ng	ng	ng	ng
COMPOUNDS				
Vinyl Chloride	<25	<25	<25	<25
Trichlorofluoromethane (Freon 11)	<25	<25	<25	<25
1,1-Dichloroethene	<25	<25	<25	<25
1,1,2-Trichlorotrifluoroethane (Fr.113)	<25	<25	<25	<25
trans-1,2-Dichloroethene	<25	<25	<25	<25
Methyl-t-butyl ether	<25	<25	<25	<25
1,1-Dichloroethane	<25	<25	<25	<25
cis-1,2-Dichloroethene	<25	<25	<25	<25
Chloroform	<25	<25	<25	<25
1,2-Dichloroethane	<25	<25	<25	<25
1,1,1-Trichloroethane	<25	<25	<25	<25
Carbon Tetrachloride	<25	<25	<25	<25
Benzene	<25	<25	<25	<25
Trichloroethene	<25	<25	<25	<25
1,4-Dioxane	<25	<25	<25	<25
1,1,2-Trichloroethane	<25	<25	<25	<25
Toluene	<25	<25	<25	<25
1,2-Dibromoethane (EDB)	<25	<25	<25	<25
Tetrachloroethene	<25	<25	<25	<25
1,1,1,2-Tetrachloroethane	<25	<25	<25	<25
Chlorobenzene	<25	<25	<25	<25
Ethylbenzene	<25	<25	<25	<25
p & m-Xylene	<25	<25	<25	<25
1,1,2,2-Tetrachloroethane	<25	<25	<25	<25
o-Xylene	<25	<25	<25	<25
1,2,3-Trichloropropane	<25	<25	<25	<25
Isopropylbenzene	<25	<25	<25	<25
1,3,5-Trimethylbenzene	<25	<25	<25	<25
1,2,4-Trimethylbenzene	<25	<25	<25	<25
1,3-Dichlorobenzene	<25	<25	<25	<25
1,4-Dichlorobenzene	<25	<25	<25	<25
1,2-Dichlorobenzene	<25	<25	<25	<25
1,2,4-Trichlorobenzene	<25	<25	<25	<25
Naphthalene	<25	<25	<25	<25
1,2,3-Trichlorobenzene	<25	<25	<25	<25
2-Methylnaphthalene	<25	<25	<25	<25

Results in nanograms (ng). B = Detected in method blank.



Existing Cathodic Protection System
63A4

63A3

Existing Fence
63A2

63A1

Existing 36" Raw Water Line

LEGEND

▲ PASSIVE SOIL-GAS SAMPLE LOCATION
00457

NOTE:
Sample IDs have been abbreviated;
the suffix "GA001" is not shown.

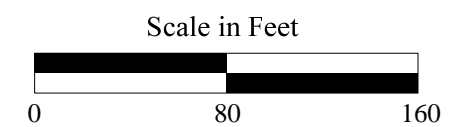
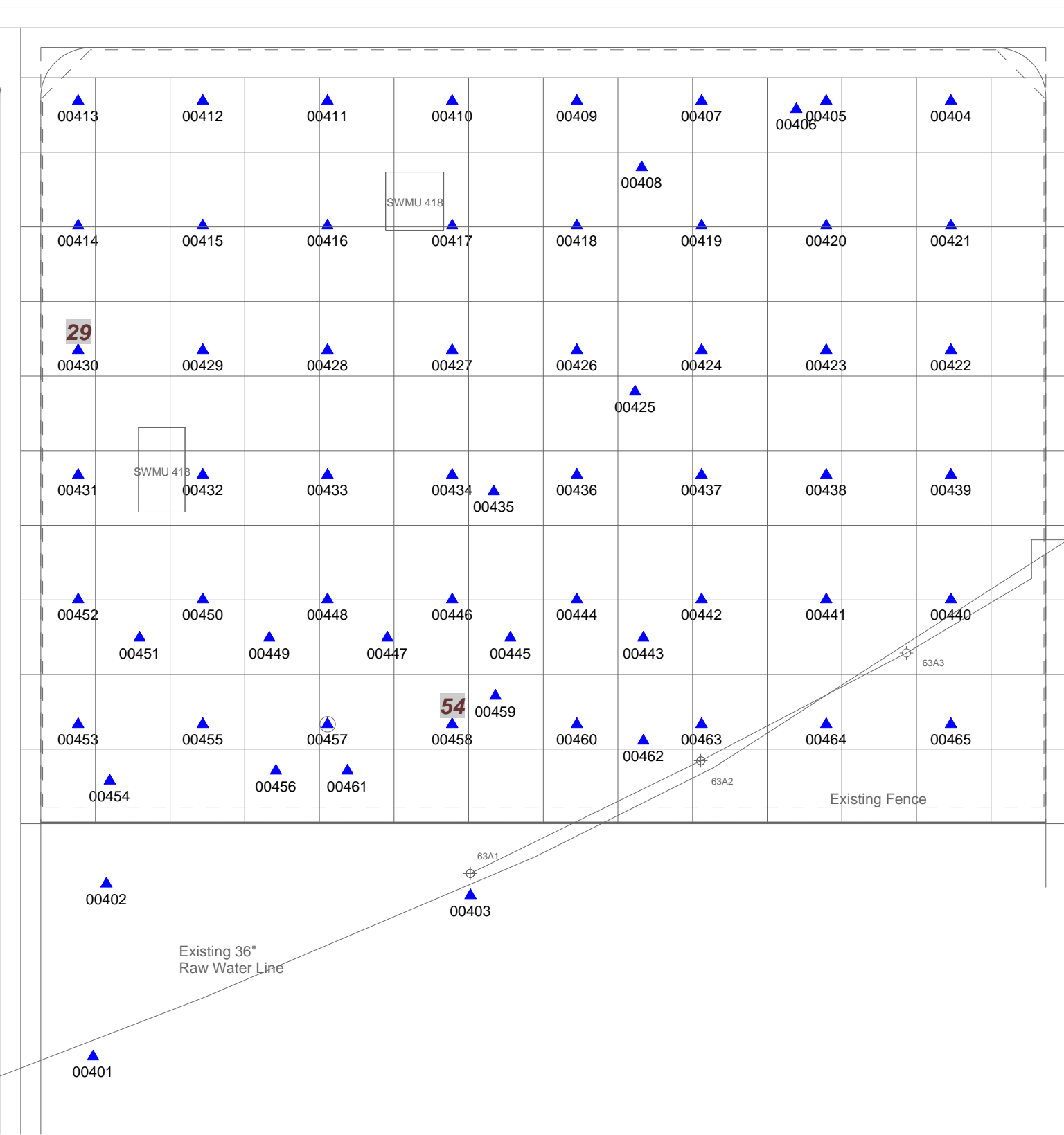


Figure 1
Passive Soil-Gas Survey
Sample Locations

SWMU 4
Paducah, KY



LEGEND
 100 NANOGRAMS/SAMPLER
 ▲ PASSIVE SOIL-GAS SAMPLE LOCATION
 00457

NOTE:
 Sample IDs have been abbreviated;
 the suffix "GA001" is not shown.

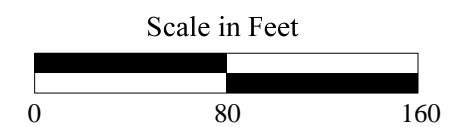
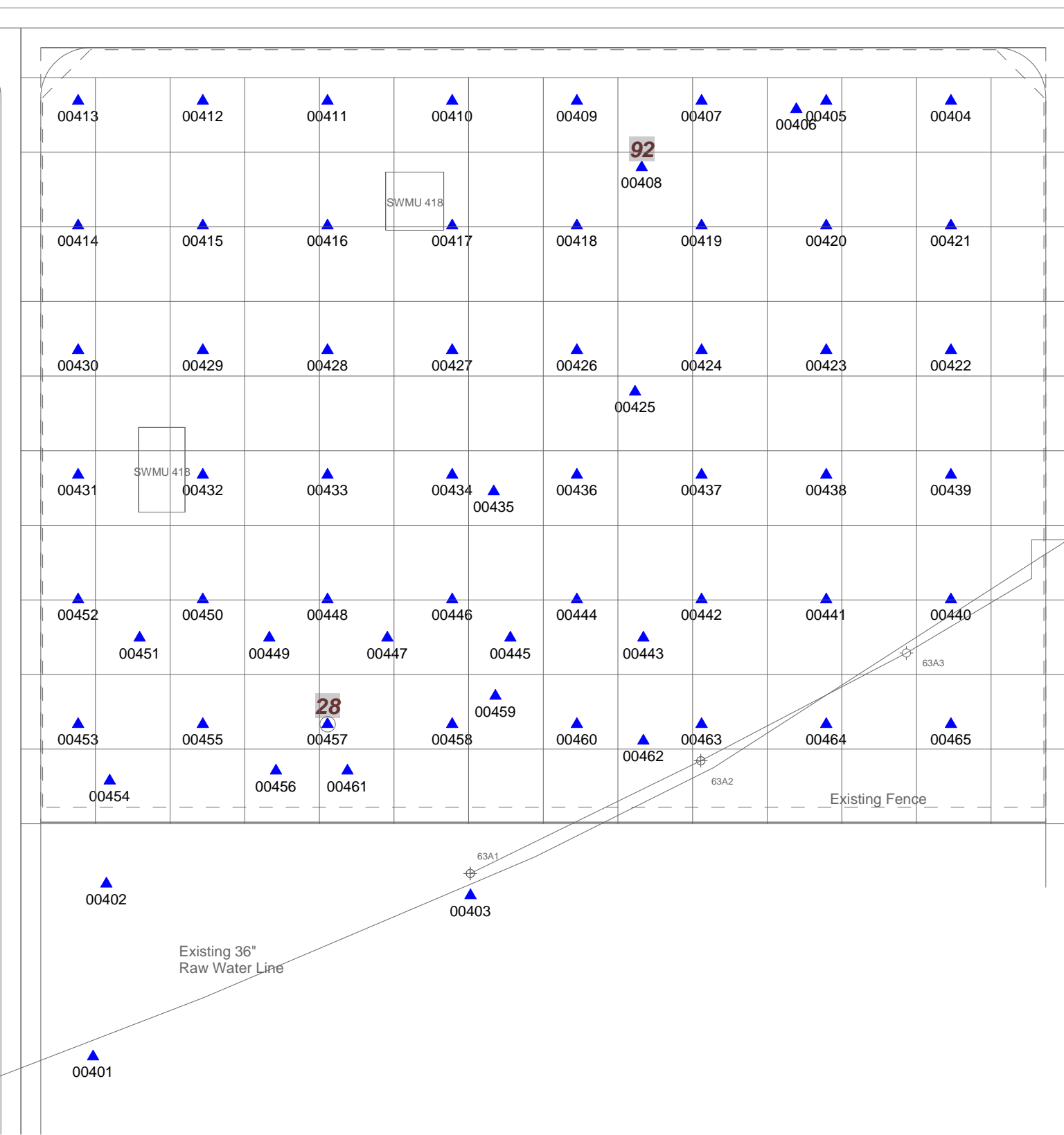


Figure 2
 Passive Soil-Gas Survey
 Trichloroethene

SWMU 4
 Paducah, KY



Existing Cathodic Protection System
63A4

63A3

Existing Fence
63A2

63A1

Existing 36" Raw Water Line

LEGEND

- 100 NANOGRAMS/SAMPLER
- ▲ PASSIVE SOIL-GAS SAMPLE LOCATION
- 00457**

NOTE:
Sample IDs have been abbreviated;
the suffix "GA001" is not shown.

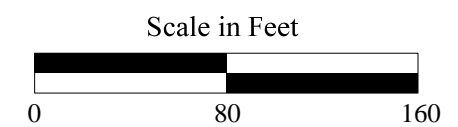
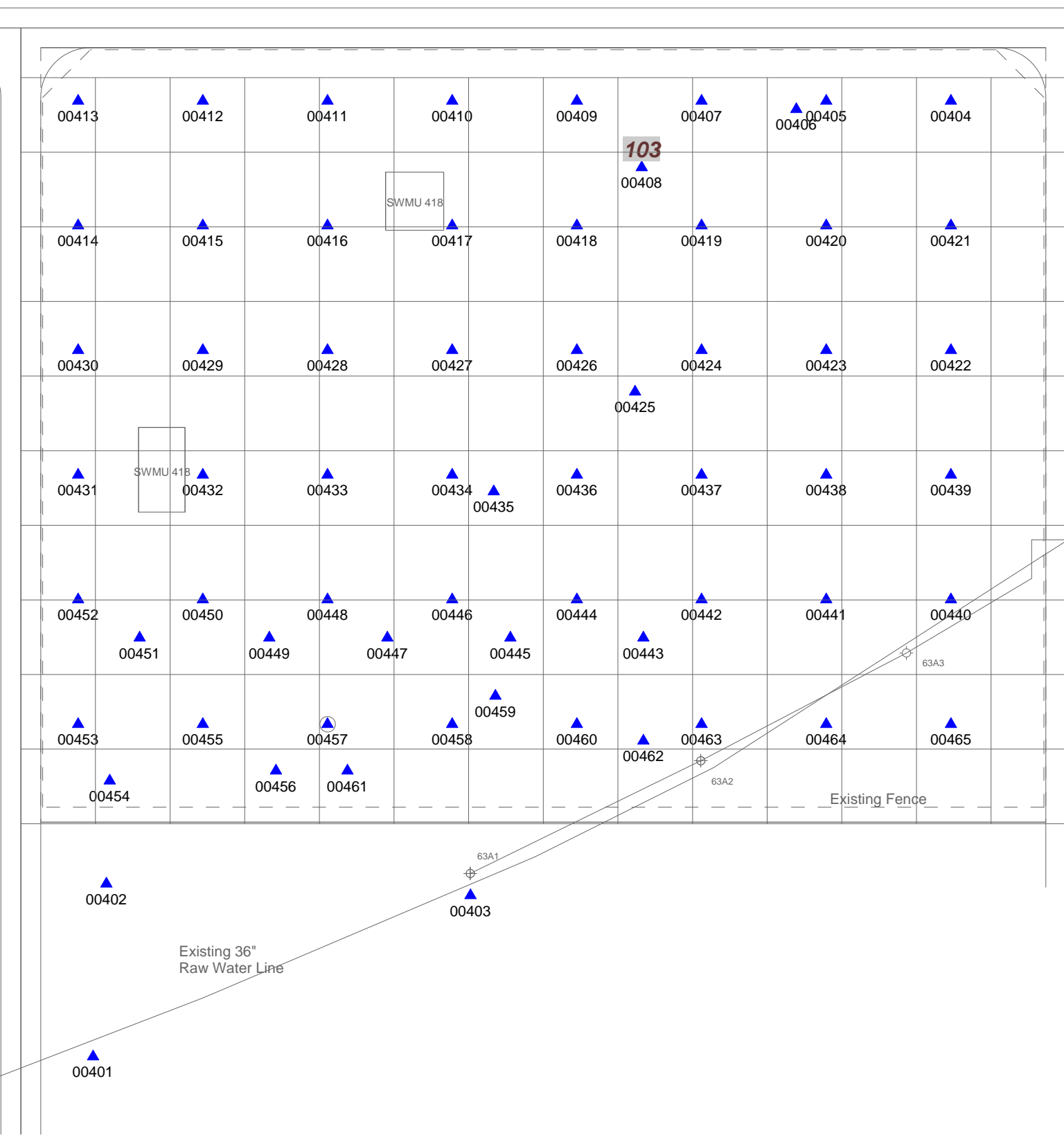


Figure 3
Passive Soil-Gas Survey
Total BTEX

SWMU 4
Paducah, KY



Existing Cathodic Protection System
63A4

63A3

Existing Fence
63A2

63A1
00403

Existing 36" Raw Water Line

LEGEND
100 NANOGRAMS/SAMPLER
 ▲ PASSIVE SOIL-GAS SAMPLE LOCATION
 00457

NOTE:
Sample IDs have been abbreviated; the suffix "GA001" is not shown.

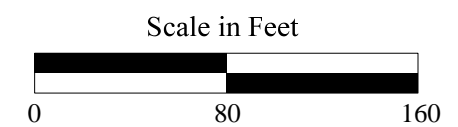


Figure 4
Passive Soil-Gas Survey
Total Trimethylbenzenes

SWMU 4
Paducah, KY

Attachments

Attachment 1

APPLYING RESULTS FROM PASSIVE SOIL-GAS SURVEYS

The utility of soil-gas surveys is directly proportional to their accuracy in reflecting and representing changes in the subsurface concentrations of source compounds. Passive soil-gas survey results are the mass collected from the vapor-phase emanating from the source(s). The vapor-phase is merely a fractional trace of the source(s) and, as a matter of convenience, the units used in reporting detection values from passive soil-gas surveys are smaller than those employed for source-compound concentrations.

Passive soil gas data are reported in mass of compounds identified per sample location (e.g., nanograms (ng) or micrograms (μg) per sampler). Results from a passive soil gas survey typically are then used to guide where follow-on intrusive samples should be collected to obtain corresponding concentrations of the contaminants in soil, soil gas, and/or groundwater, as well as eliminate those areas where intrusive samples are not required. It is not practical to report passive soil gas data as concentration because the sampler's uptake rates of the compounds are often greater than the replenishment rates of the compounds around the sampler, which results in low bias measurements, and the replenishment rates will be dependent on several factors that include, at a minimum, soil gas concentrations, soil porosity and permeability, and soil moisture level.

Whatever the relative concentrations of source and associated soil gas, best results are realized when the ratio of soil-gas measurements to actual subsurface concentrations remains as close to constant as the real world permits. It is the reliability and consistency of this ratio, not the particular units of mass (e.g., nanograms) that determine usefulness. Thus, BEACON emphasizes the necessity of conducting — at minimum — follow-on intrusive sampling in areas that show relatively high soil-gas measurements to obtain corresponding concentrations of soil and groundwater contaminants. These correspondent values furnish the basis for approximating a relationship. For extrapolating passive soil gas results to vapor intrusion evaluations, we recommend a minimum of three passive soil gas locations be converted to a shallow vapor well then sampled using an active soil gas method. Once a relationship is established, it can be used in conjunction with the remaining soil-gas measurements to estimate subsurface contaminant concentrations across the survey field. (See www.beacon-usa.com/passivesoilgas.html, Publication 1: *Mass to Concentration Tie-In for PSG Surveys* and Publication 4: *Groundwater and PSG Correlation*.) It is important to keep in mind, however, that specific conditions at individual sample points, including soil porosity and permeability, depth to contamination, and perched ground water, can have an impact on soil-gas measurements at those locations.

When passive soil-gas surveys are utilized as described above, the data provide information that can yield substantial savings in drilling costs and in time. They furnish, among other things, a checklist of compounds expected at each survey location and help to determine how and where drilling budgets can most effectively be spent. Passive soil-gas surveys can also be used as a remediation or general site monitoring tool that can be implemented on a quarterly, semi-annual or annual basis.

Attachment 2

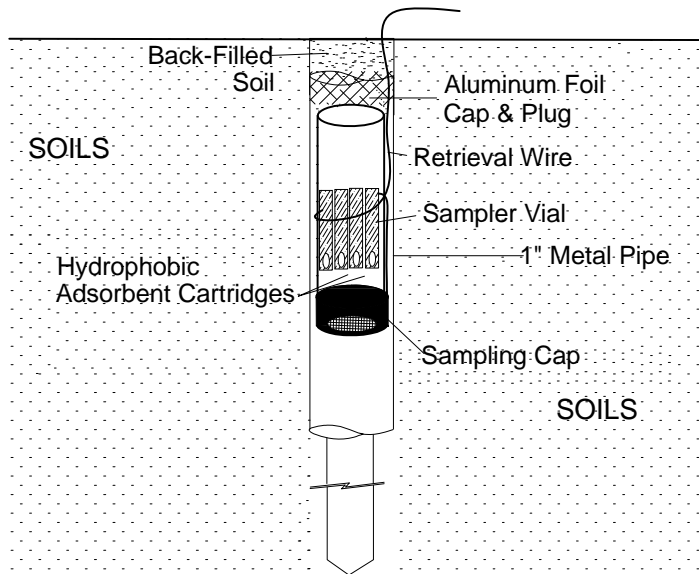
FIELD PROCEDURES FOR PASSIVE SOIL-GAS SURVEYS

The following field procedures are routinely used during a BEACON Passive Soil-Gas Survey. Modifications can be and are incorporated from time to time in response to individual project requirements. In all instances, BEACON adheres to EPA-approved Quality Assurance and Quality Control practices.

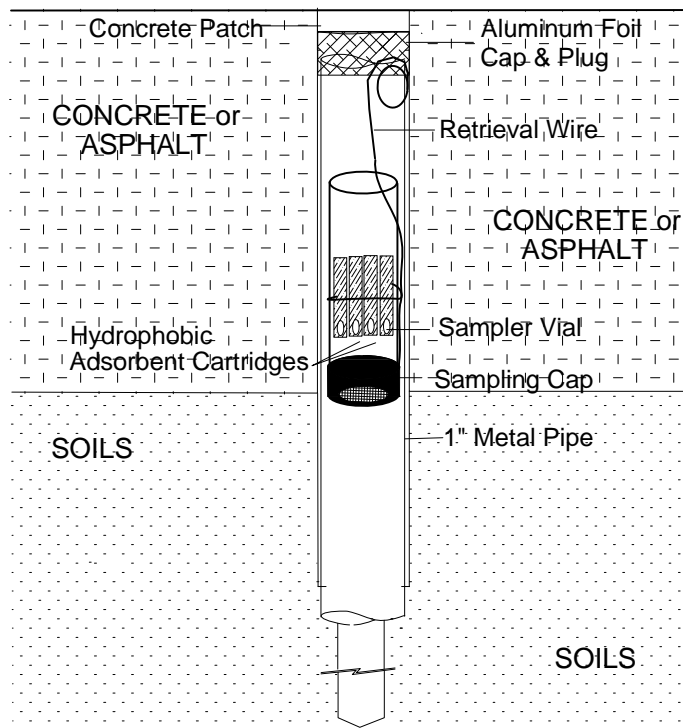
- A. Field personnel carry a BESURE Sample Collection Kit™ and support equipment to the site and deploy the passive samplers in a prearranged survey pattern. A passive sampler consists of a borosilicate glass vial containing hydrophobic adsorbent cartridges with a length of wire attached to the vial for retrieval. Although samplers require only one person for emplacement and retrieval, the specific number of field personnel required depends upon the scope and schedule of the project. Each Sampler emplacement generally takes less than two minutes.
- B. At each survey point a field technician clears vegetation as needed and, using a hammer drill with a 1"- to 1½"-diameter bit, creates a hole 12 to 14 inches deep. [Note: For locations covered with asphalt, concrete, or gravel surfacing, the field technician drills a 1"- to 1½"-diameter hole through the surfacing to the soils beneath]. The technician then, using a hammer drill with a ½" diameter bit, creates a hole three-feet deep. The hole is then sleeved with a 1"-diameter metal sleeve.
- C. The technician then removes the solid plastic cap from a sampler and replaces it with a Sampling Cap (a plastic cap with a hole covered by screen meshing). The technician inserts the sampler, with the Sampling Cap end facing down, into the hole (**see attached figure**). The sampler is then covered with an aluminum foil plug and soils for uncapped locations or, for capped locations, an aluminum foil plug and a concrete patch. The sampler's location, time and date of emplacement, and other relevant information are recorded on the Field Deployment Form.
- D. One or more trip blanks are included as part of the quality-control procedures.
- E. Once all the samplers have been deployed, field personnel schedule sampler recovery and depart, taking all other equipment and materials with them.
- F. Field personnel retrieve the samplers at the end of the exposure period. At each location, a field technician withdraws the sampler from its hole, removes the retrieval wire, and wipes the outside of the vial clean using gauze cloth; following removal of the Sampling Cap, the threads of the vial are also cleaned. A solid plastic cap is screwed onto the vial and the sample location number is written on the label. The technician then records sample-point location, date, time, etc. on the Field Deployment Form.
- G. Sampling holes are refilled with soil, sand, or other suitable material. If samplers have been installed through asphalt or concrete, the hole is filled to grade with a plug of cold patch or cement.
- H. Following retrieval, field personnel ship or transport the passive samplers to BEACON's laboratory.

BEACON'S PASSIVE SOIL-GAS SAMPLER

DEPLOYMENT THROUGH SOILS



DEPLOYMENT THROUGH AN ASPHALT/CONCRETE CAP



Attachment 3
Field Deployment Report

PASSIVE SOIL-GAS SURVEY FIELD DEPLOYMENT REPORT

Project Information	
Beacon Project No.:	2480
Site Name:	SWM 4
Site Location:	Paducah, KY



Client Information	
Company Name:	LATA of Kentucky
Office Location:	Kevil, KY
Samples Collected By:	JLB, SM, CB, JB

FIELD SAMPLE ID	Date Emplaced		Date Retrieved		Sampling Hole Depth (inches)	FIELD NOTES (e.g., asphalt/concrete/gravel, description of sample location, PID/FID read)
	Time Emplaced	Time Retrieved	Time Emplaced	Time Retrieved		
00401GA001	1220	0805	10-9-12	0805	12"	6466W-1750S
00402GA001	1224	0808		0808		6458W-1646S
00403GA001	1236	0810		0810		6239W-1653S
00404GA001	1312	0818		0818		5950W-1175S
00405GA001	1314	0819		0819		6025W-1175S
00406GA001	1316	0820		0820		6043W-1180S
00407GA001	1319	0821		0821		6100W-1175S
00408GA001	1321	0823		0823		6136W-1215S (Dup)
00409GA001	1326	0824		0824		6175W-1175S
00410GA001	1328	0825		0825		6250W-1175S
00411GA001	1329	0826		0826		6325W-1175S
00412GA001	1331	0827		0827		6400W-1175S
00413GA001	1333	0828		0828		6475W-1175S
00414GA001	1335	0829		0829		6475W-1250S
00415GA001	1336	0830		0830	V	6400W-1250S

PASSIVE SOIL-GAS SURVEY FIELD DEPLOYMENT REPORT

Project Information	
Beacon Project No.:	2480
Site Name:	503114 4
Site Location:	Paducah, KY

BEACON ENVIRONMENTAL SERVICES, INC.
323 Williams Street, Suite D, Bldg. A, MD 21014 (800) 878-5510

Client Information	
Company Name:	LATA of Kentucky
Office Location:	Kevl, KY
Samples Collected By:	JLB, SM, CB, JP

FIELD SAMPLE ID	Date		Sampling Hole Depth (inches)	FIELD NOTES (e.g., asphalt/concrete/gravel, description of sample location, PID/FID readings)
	Emplaced	Retrieved		
004116A001	9-24-12 1338	10-9-12 0832	12"	6325W - 1250S
004117G A001	1339	0833		6330W - 1250S
004118G A001	1341	0834		6175W - 1250S
004119G A001	1342	0835		6100W - 1250S
004120G A001	1343	0836		6025W - 1250S
004121G A001	1345	0837		5950W - 1250S
004122G A001	1347	0838		5950W - 1325S
004123G A001	1348	0839		6025W - 1325S
004124G A001	1350	0840		6100W - 1325S
004125G A001	1351	0842		6140W - 1350S
004126G A001	1352	0843		6175W - 1325S
004127G A001	1353	0844		6250W - 1325S
004128G A001	1354	0845		6325W - 1325S
004129G A001	1355	0846		6400W - 1325S (Dug)
004130G A001	1357	6847	↓	6475W - 1325S

PASSIVE SOIL-GAS SURVEY FIELD DEPLOYMENT REPORT

Project Information	
Beacon Project No.:	2480
Site Name:	SWMAA 4
Site Location:	Paducah, KY



323 Williams Street, Suite D, Bel Air, MD 21014 (400) 978-5510

Client Information	
Company Name:	LATA of Kentucky
Office Location:	Kevil, KY
Samples Collected By:	JUB, SM, CB, JB

FIELD SAMPLE ID	Date Emplaced		Date Retrieved	Sampling Hole Depth (inches)	FIELD NOTES (e.g., asphalt/concrete/gravel, description of sample location, PID/FID readings)
	Time Emplaced	Time Retrieved	Time Retrieved		
00431G.A001	1358	0848	10-7-12	12"	6475W - 1400S
00432G.A001	1359	0849			6400W - 1400S
00433G.A001	1401	0850			6325W - 1400S
00434G.A001	1402	0851			6250W - 1400S
00435G.A001	1403	0852			6225W - 1410S
00436G.A001	1404	0853			6175W - 1400S
00437G.A001	1405	0854			6100W - 1400S (Dup)
00438G.A001	1407	0855			6025W - 1400S
00439G.A001	1408	0856			5950W - 1400S
00440G.A001	1409	0857			5950W - 1475S
00441G.A001	1411	0858			6025W - 1475S
00442G.A001	1412	0900			6100W - 1475S
00443G.A001	1414	0901			6135W - 1498S
00444G.A001	1415	0902			6175W - 1475S
00445G.A001	1416	0903			9B 10-2-12 6125W - 1498S

6215W - 1498S

PASSIVE SOIL-GAS SURVEY FIELD DEPLOYMENT REPORT

Project Information		Client Information	
Beacon Project No.:	2480	Company Name:	LATA of Kentucky
Site Name:	SLWML 4	Office Location:	Kevl, KY
Site Location:	Paducah, KY	Samples Collected By:	JLB, SM, CD, JB



FIELD SAMPLE ID	Date Emplaced		Date Retrieved		Sampling Hole Depth (inches)	FIELD NOTES (e.g., asphalt/concrete/gravel, description of sample location, PID/FID readings)
	Time Emplaced	Time Retrieved	Time Retrieved	Time Retrieved		
00446G.A001	1417	0904	10-9-12	0904	12"	1475 6250W - 1550S
00447G.A001	1418	0905		0905		1498S 6289W - 1498S
00448G.A001	1419	0906		0906		1475S 6325W - 1475S
00449G.A001	1420	0907		0907		1498S 6360W - 1498S
00450G.A001	1421	0908		0908		1475S 6400W - 1475S
00451G.A001	1422	0909		0909		1498S 6438W - 1498S
00452G.A001	1423	0910		0910		1475S 6475W - 1475S
00453G.A001	1423	0912		0912		1550S 6475W - 1550S
00454G.A001	1424	0913		0913		1584S 6454W - 1584S
00455G.A001	1427	0914		0914		1550S 6400W - 1550S
00456G.A001	1428	0915		0915		1584S 7-5 10-8-12 6356W - 1578S
00457G.A001	1429	0916		0916		1550S 6325W - 1550S
00458G.A001	1431	0918		0918		1550S 6250W - 1550S
00459G.A001	1432	0919		0919		1533S (Dup) 6224W - 1533S
00460G.A001	1434	0920		0920	↘	1550S 6175W - 1550S

PASSIVE SOIL-GAS SURVEY FIELD DEPLOYMENT REPORT

Project Information	
Beacon Project No.:	2480
Site Name:	SWMUL4
Site Location:	Paducah, KY



Client Information	
Company Name:	LATA of Kentucky
Office Location:	Keveil, KY
Samples Collected By:	JLB, SVM, CB, JP

FIELD SAMPLE ID	Date Emplaced		Date Retrieved		Sampling Hole Depth (inches)	FIELD NOTES (e.g., asphalt/concrete/gravel, description of sample location, PID/FID read)
	Time Emplaced	Time Retrieved	Time Retrieved	Time Retrieved		
004616A001	1430	0917	10-9-12	12"	↓ ↓ ↓ ↓ ↓	6313W - 15785
004636A001	1435	0921				6185W - 15605
004636A001	1436	0922				6110W - 15505
004646A001	1437	0923				6025W - 15505
004666A001	1438	0924				5950W - 15505
 9B 10-2-12 						

Attachment 4

LABORATORY PROCEDURES FOR PASSIVE SOIL-GAS SAMPLES

Following are laboratory procedures used with BEACON Passive Soil-Gas Surveys, a screening technology for expedited site investigation. After exposure, adsorbent cartridges from the passive samplers are analyzed using U.S. EPA Method 8260C as a guidance document, a capillary gas chromatographic/mass spectrometric method, modified to accommodate high temperature thermal desorption of the adsorbent cartridges and to meet the objectives of reporting semi-quantitative data. This procedure is summarized as follows:

- A. The adsorbent cartridges are loaded with internal standards and surrogates prior to loading the autosampler with the cartridges. The loaded cartridges are purged in a helium flow. Then the cartridges are thermally desorbed in a helium flow onto a focusing trap. Any analytes in the helium stream are adsorbed onto a focusing trap.
- B. Following trap focusing, the trap is thermally desorbed onto a Rxi-624Sil MS 20m, 0.18 mm ID, 1.00 micron filament thickness capillary column.
- C. The GC/MS is scanned between 35 and 270 Atomic Mass Units (AMU) at 3.12 scans per second.
- D. BFB tuning criteria and the initial five-point calibration procedures are those stated in method SW846-8260C. System performance and calibration check criteria are met prior to analysis of samples. A laboratory method blank is analyzed after the daily standard to determine that the system is contaminant-free.
- E. The instrumentation used for these analyses includes:
 - Agilent 7890-5975c Gas Chromatograph/Mass Spectrometer;
 - Markes Unity2 thermal desorber;
 - Markes Ultra2 autosampler; and
 - Markes Mass Flow Controller Modules.

Attachment 5
Chain-of-Custody Form

**CHAIN-OF-CUSTODY
PASSIVE SOIL-GAS SAMPLES**

Project Information		Client Information	
Beacon Project No.:	2480	Company Name:	LATA of Kentucky
Site Name:		Office Location:	Kevil, KY
Site Location:	Paducah, KY	Samples Submitted By:	
Analytical Method:	EPA Method 8260C	Contact Phone No.:	
Target Compounds:	Beacon Project Number 2480 Target Compound List		



Field Sample ID	Notes	Date	Time	Initial	Comments (only necessary if problem or discrepancy)

Shipment of Field Kit to Site — Custody Seal #	17350233	Intact? <input checked="" type="radio"/> Y <input type="radio"/> N	Received by:	Date/Time
Relinquished by:	Date/Time	Courier	Received by:	Date/Time
<i>Kenny Yeach</i>	09-17-2012 / 1700 Hours	FedEx	<i>Jeff Banta</i>	9-29-12 / 645
<i>Jeff Banta</i>	10-9-2012 / 1500 Hours	FedEx		
Shipment of Field Kit to Laboratory — Custody Seal #	17350234	Intact? <input checked="" type="radio"/> Y <input type="radio"/> N	Received by:	Date/Time
Relinquished by:	Date/Time	Courier	Received by:	Date/Time
<i>Jeff Banta</i>	10-8-12 / 1500	FedEx		

Shipment Container Chain-of-Custody

Relinquished By:

10-7-12/1430

Date/Time

Received By:

Date/Time

ShipmentID BGOU13-001 **CarrierTrackingID** FedEx **DateShipped** 10/9/2012 **Laboratory** Beacon Environmental Services, Inc.
ShipmentType Non-regulated **ProjectID** BGOU13-SWMU4P1 **Contact** Harry O'Neill LKY-
 Attn. Sample Receiving **Phone** (410) 838-8780 BGOU13-03
 323 Williams St **Fax**

SampleID	Date Sampled	Matrix	Container	Preservation	Hazardous Const.	Rad Material	Est Rad Level	Methods
00401GA001	10/9/2012	GAS	1 Ziploc Bag containing Soil		No	NA	No	Per Contract
00402GA001	10/9/2012	GAS	1 Ziploc Bag containing Soil		No	NA	No	Per Contract
00403GA001	10/9/2012	GAS	1 Ziploc Bag containing Soil		No	NA	No	Per Contract
00404GA001	10/9/2012	GAS	1 Ziploc Bag containing Soil		No	NA	No	Per Contract
00405GA001	10/9/2012	GAS	1 Ziploc Bag containing Soil		No	NA	No	Per Contract
00406GA001	10/9/2012	GAS	1 Ziploc Bag containing Soil		No	NA	No	Per Contract
00407GA001	10/9/2012	GAS	1 Ziploc Bag containing Soil		No	NA	No	Per Contract
00408GA001	10/9/2012	GAS	1 Ziploc Bag containing Soil		No	NA	No	Per Contract
00409GA001	10/9/2012	GAS	1 Ziploc Bag containing Soil		No	NA	No	Per Contract
00410GA001	10/9/2012	GAS	1 Ziploc Bag containing Soil		No	NA	No	Per Contract
00411GA001	10/9/2012	GAS	1 Ziploc Bag containing Soil		No	NA	No	Per Contract
00412GA001	10/9/2012	GAS	1 Ziploc Bag containing Soil		No	NA	No	Per Contract
00413GA001	10/9/2012	GAS	1 Ziploc Bag containing Soil		No	NA	No	Per Contract
00414GA001	10/9/2012	GAS	1 Ziploc Bag containing Soil		No	NA	No	Per Contract
00415GA001	10/9/2012	GAS	1 Ziploc Bag containing Soil		No	NA	No	Per Contract
00416GA001	10/9/2012	GAS	1 Ziploc Bag containing Soil		No	NA	No	Per Contract
00417GA001	10/9/2012	GAS	1 Ziploc Bag containing Soil		No	NA	No	Per Contract
00418GA001	10/9/2012	GAS	1 Ziploc Bag containing Soil		No	NA	No	Per Contract
00419GA001	10/9/2012	GAS	1 Ziploc Bag containing Soil		No	NA	No	Per Contract
00420GA001	10/9/2012	GAS	1 Ziploc Bag containing Soil		No	NA	No	Per Contract
00421GA001	10/9/2012	GAS	1 Ziploc Bag containing Soil		No	NA	No	Per Contract
00422GA001	10/9/2012	GAS	1 Ziploc Bag containing Soil		No	NA	No	Per Contract
00423GA001	10/9/2012	GAS	1 Ziploc Bag containing Soil		No	NA	No	Per Contract
00424GA001	10/9/2012	GAS	1 Ziploc Bag containing Soil		No	NA	No	Per Contract
00425GA001	10/9/2012	GAS	1 Ziploc Bag containing Soil		No	NA	No	Per Contract
00426GA001	10/9/2012	GAS	1 Ziploc Bag containing Soil		No	NA	No	Per Contract
00427GA001	10/9/2012	GAS	1 Ziploc Bag containing Soil		No	NA	No	Per Contract
00428GA001	10/9/2012	GAS	1 Ziploc Bag containing Soil		No	NA	No	Per Contract
00429GA001	10/9/2012	GAS	1 Ziploc Bag containing Soil		No	NA	No	Per Contract
00430GA001	10/9/2012	GAS	1 Ziploc Bag containing Soil		No	NA	No	Per Contract
00431GA001	10/9/2012	GAS	1 Ziploc Bag containing Soil		No	NA	No	Per Contract

Shipment Container Chain-of-Custody

Relinquished By:



10-9-12/1430
Date/Time

Received By:

Date/Time

00432GA001	GAS	1	Ziploc Bag containing Soil	No	NA	Per Contract
00433GA001	GAS	1	Ziploc Bag containing Soil	No	NA	Per Contract
00434GA001	GAS	1	Ziploc Bag containing Soil	No	NA	Per Contract
00435GA001	GAS	1	Ziploc Bag containing Soil	No	NA	Per Contract
00436GA001	GAS	1	Ziploc Bag containing Soil	No	NA	Per Contract
00437GA001	GAS	1	Ziploc Bag containing Soil	No	NA	Per Contract
00438GA001	GAS	1	Ziploc Bag containing Soil	No	NA	Per Contract
00439GA001	GAS	1	Ziploc Bag containing Soil	No	NA	Per Contract
00440GA001	GAS	1	Ziploc Bag containing Soil	No	NA	Per Contract
00441GA001	GAS	1	Ziploc Bag containing Soil	No	NA	Per Contract
00442GA001	GAS	1	Ziploc Bag containing Soil	No	NA	Per Contract
00443GA001	GAS	1	Ziploc Bag containing Soil	No	NA	Per Contract
00444GA001	GAS	1	Ziploc Bag containing Soil	No	NA	Per Contract
00445GA001	GAS	1	Ziploc Bag containing Soil	No	NA	Per Contract
00446GA001	GAS	1	Ziploc Bag containing Soil	No	NA	Per Contract
00447GA001	GAS	1	Ziploc Bag containing Soil	No	NA	Per Contract
00448GA001	GAS	1	Ziploc Bag containing Soil	No	NA	Per Contract
00449GA001	GAS	1	Ziploc Bag containing Soil	No	NA	Per Contract
00450GA001	GAS	1	Ziploc Bag containing Soil	No	NA	Per Contract
00451GA001	GAS	1	Ziploc Bag containing Soil	No	NA	Per Contract
00452GA001	GAS	1	Ziploc Bag containing Soil	No	NA	Per Contract
00453GA001	GAS	1	Ziploc Bag containing Soil	No	NA	Per Contract
00454GA001	GAS	1	Ziploc Bag containing Soil	No	NA	Per Contract
00455GA001	GAS	1	Ziploc Bag containing Soil	No	NA	Per Contract
00456GA001	GAS	1	Ziploc Bag containing Soil	No	NA	Per Contract
00457GA001	GAS	1	Ziploc Bag containing Soil	No	NA	Per Contract
00458GA001	GAS	1	Ziploc Bag containing Soil	No	NA	Per Contract
00459GA001	GAS	1	Ziploc Bag containing Soil	No	NA	Per Contract
00460GA001	GAS	1	Ziploc Bag containing Soil	No	NA	Per Contract
00461GA001	GAS	1	Ziploc Bag containing Soil	No	NA	Per Contract
00462GA001	GAS	1	Ziploc Bag containing Soil	No	NA	Per Contract
00463GA001	GAS	1	Ziploc Bag containing Soil	No	NA	Per Contract
00464GA001	GAS	1	Ziploc Bag containing Soil	No	NA	Per Contract
00465GA001	GAS	1	Ziploc Bag containing Soil	No	NA	Per Contract



SWMU 4 Soil Gas Analyzers

Sample ID 00401GA001

Date/Time Sampled 10-9-12 / 0803 Sampler: AS

Project ID BGOU13-SWMU4P1

Depth: 0' - 1' BEACMD

LAB COC NO.: 004-SG Station 004SG01

Charge Number 80001.11.13.04.01.05 Turnaround 28 Day

Data/Deliverables Level IV Level IV

Hazard Codes

Sample Desc: 6466W - 1750S Biased, outside fence, near pipe

SGA-BEACMD

Matrix: GAS

Bottle, Ziploc Bag
containing Soil Gas
Analyzer

SOW Numbers: BGOU13-03 NA
PER LAB VOCs

Miscellaneous:

Sample Relinquished By	Date/Time	10-9-12 / 1430
Received By <i>Kenny Hester</i>	Date/Time	10-10-12 / 1000
Sample Relinquished By	Date/Time	
Received By	Date/Time	
Sample Relinquished By	Date/Time	
Received By	Date/Time	



SWMU 4 Soil Gas Analyzers

Sample ID 00402GA001

Date/Time Sampled 10-9-12 / 0808 Sampler: GA

Project ID BGOU13-SWMU4P1

Depth: 0' - 1' BEACMD

LAB COC NO.: 004-SG Station 004SG02

Charge Number 80001.11.13.04.01.05 Turnaround 28 Day

Data/Deliverables Level IV Level IV

Hazard Codes

Sample Desc: 6458W - 1646S Biased, outside fence

SGA-BEACMD Matrix: GAS

Bottle: Ziploc Bag
containing Soil Gas
Analyzer

SOW Numbers: BGOU13-03 NA
PER LAB VOCs

Miscellaneous:

Sample Relinquished By

Date/Time 10-9-12 / 1430

Received By *Kenny Tfeach*

Date/Time 10-40-12 / 1000

Sample Relinquished By

Date/Time

Received By

Date/Time

Sample Relinquished By

Date/Time

Received By

Date/Time



SWMU 4 Soil Gas Analyzers

Sample ID 00403GA001

Date/Time Sampled 10-9-12 / 0810

Project ID BGOU13-SWMU4P1

Depth: 0' - 1'

LAB COC NO.: 004-SG

Charge Number 80001.11.13.04.01.05

Data/Deliverables Level IV

Hazard Codes

Sample Relinquished By

Received By *Kenny Tyeach*

Sample Relinquished By

Received By

Sample Relinquished By

Received By

Date/Time 10-9-12 / 1430

Date/Time 10-10-12 / 1000

Date/Time

Date/Time

Date/Time

Date/Time

Sample Desc: 6239W - 1653S Biased, outside fence, near pipe

SGA-BEACMD Matrix: GAS

Bottle: Ziploc Bag containing Soil Gas Analyzer

SOW Numbers: BGOU13-03

NA

VOCs

Miscellaneous:



SWMU 4 Soil Gas Analyzers

Sample ID 00404GA001

Date/Time Sampled 10-9-12 / 08:18

Project ID BGOU13-SWMU4P1

Depth: 0' - 1'

LAB COC NO.: 004-SG Station 004SG04

Charge Number 80001.11.13.04.01.05 Turnaround 28 Day

Data/Deliverables Level IV Level IV

Hazard Codes

SGA-BEACMD

Matrix: GAS

Bottle: Ziploc Bag
containing Soil Gas
Analyzer

1

SOW Numbers: BGOUT3-03 NA
PER LAB VOCs

Miscellaneous:

Sample Relinquished By	<i>[Signature]</i>	Date/Time	10-9-12/1430
Received By	<i>Kenny Ifacher</i>	Date/Time	10-10-12/1000
Sample Relinquished By		Date/Time	
Received By		Date/Time	
Sample Relinquished By		Date/Time	
Received By		Date/Time	

Sample Desc: 5950W - 1175S Unbiased



SWMU 4 Soil Gas Analyzers

Sample ID 00405GA001

Date/Time Sampled 10-9-12 / 0819

Sampler: QS

Project ID BGOU13-SWMU4P1

Depth: 0' - 1'

BEACMD

LAB COC NO.: 004-SG

Station 004SG05

Charge Number 80001.11.13.04.01.05

Turnaround 28 Day

Data/Deliverables Level IV

Level IV

Hazard Codes

Sample Desc: 6025W - 1175S Unbiased

SGA-BEACMD

Matrix: GAS

Bottle: Ziploc Bag
containing Soil Gas
Analyzer

SOW Numbers: BGOU13-03
PER LAB

NA
VOCs

Miscellaneous:

Sample Relinquished By		Date/Time	10-7-12 / 1430
Received By	Kenny Specht	Date/Time	10-10-12 / 1000
Sample Relinquished By		Date/Time	
Received By		Date/Time	
Sample Relinquished By		Date/Time	
Received By		Date/Time	



SWMU 4 Soil Gas Analyzers

Sample ID 00406GA001

Date/Time Sampled 10-9-12 / 0800

Sampler: 93

Project ID BGOU13-SWMU4P1

Depth: 0' - 1'

BEACMD

LAB COC NO.: 004-SG

Station 004SG06

Charge Number 80001.11.13.04.01.05

Turnaround 28 Day

Data/Deliverables Level IV

Level IV

Hazard Codes

Sample Desc: 6043W - 1180S Biased

SGA-BEACMD

Matrix: GAS

Bottle: Ziploc Bag containing Soil Gas Analyzer

SOW Numbers: BGOU13-03 (PER LAB)

NA VOCs

Miscellaneous:

Sample Relinquished By	Date/Time
Received By <i>Kenny Ifeeds</i>	10-9-12/1430
Sample Relinquished By	Date/Time
Received By	Date/Time
Sample Relinquished By	Date/Time
Received By	Date/Time
Sample Relinquished By	Date/Time
Received By	Date/Time



SWMU 4 Soil Gas Analyzers

Sample ID 00407GA001

Date/Time Sampled 10-9-12 / 0821

Sampler: G3

Project ID BGOU13-SWMU4P1

Depth: 0' - 1'

BEACMD

LAB COC NO.: 004-SG

Station 004SG07

Charge Number 80001.11.13.04.01.05

Turnaround 28 Day

Data/Deliverables Level IV

Level IV

Hazard Codes

Sample Desc: 6100W - 1175S Unbiased

SGA-BEACMD

Matrix: GAS

Bottle: Ziploc Bag containing Soil Gas Analyzer

SOW Numbers: BGOU13-03 PER LAB

NA VOCs

Miscellaneous:

Sample Relinquished By	Date/Time
Received By <i>Kenneth Spears</i>	10-9-12 / 1430
Sample Relinquished By	Date/Time
Received By	Date/Time
Sample Relinquished By	Date/Time
Received By	Date/Time



SWMU 4 Soil Gas Analyzers

Sample ID 00408GA001

Date/Time Sampled 10-9-12 / 0823

Sampler: AB

Project ID BGOU13-SWMU4P1

Depth: 0' - 1' BEACMD

LAB COC NO.: 004-SG Station 004SG08

Charge Number 80001.11.13.04.01.05 Turnaround 28 Day

Data/Deliverables Level IV Level IV

Hazard Codes

Sample Desc: 6136W - 1215S Biased, run duplicate

SGA-BEACMD

Matrix: GAS

Bottle: Ziploc Bag containing Soil Gas Analyzer

SOW Numbers: BGOU13-03 NA (PER LAB) VOCs

Miscellaneous: Dup 00408 GA001-D

Sample Relinquished By	Date/Time	10-9-12/1410
Received By <i>Kenny Trachsel</i>	Date/Time	10-10-12/1000
Sample Relinquished By	Date/Time	
Received By	Date/Time	
Sample Relinquished By	Date/Time	
Received By	Date/Time	



SWMU 4 Soil Gas Analyzers

Sample ID 00409GA001

Date/Time Sampled 10-9-12 / 0824

Project ID BGOU13-SWMU4P1

Depth: 0' - 1' BEACMD

LAB COC NO.: 004-SG Station 004SG09

Charge Number 80001.11.13.04.01.05 Turnaround 28 Day

Data/Deliverables Level IV Level IV

Hazard Codes

Sample Relinquished By

Received By *Kenny Heath*

Date/Time

10-9-12 / 1430

Sample Relinquished By

Date/Time

10-10-12 / 1000

Sample Relinquished By

Date/Time

Received By

Date/Time

Sample Relinquished By

Date/Time

Received By

Date/Time

Sample Desc: 6175W - 1175S Unbiased

SGA-BEACMD

Matrix: GAS

Bottle: Ziploc Bag containing Soil Gas Analyzer

SOW Numbers: BGOU13-03

PER LAB NA

VOCs

Miscellaneous:



SWMU 4 Soil Gas Analyzers

Sample ID 00410GA001

Date/Time Sampled 10-9-13 / 0823 Sampler: 43

Project ID BGOU13-SWMU4P1

Depth: 0' - 1' BEACMD

LAB COC NO.: 004-SG Station 004SG10

Charge Number 80001.11.13.04.01.05 Turnaround 28 Day

Data/Deliverables Level IV Level IV

Hazard Codes Sample Desc: 6250W - 1175S Unbiased

SGA-BEACMD Matrix: GAS

Bottle: Ziploc Bag
containing Soil Gas
Analyzer

1

SOW Numbers: BGOU13-03 NA
PER LAB VOCs

Miscellaneous:

Sample Relinquished By

Date/Time 10-9-13/1430

Received By Kenny Iffers

Date/Time 10-10-12/1000

Sample Relinquished By

Date/Time

Received By

Date/Time

Sample Relinquished By

Date/Time

Received By

Date/Time



SWMU 4 Soil Gas Analyzers

Sample ID 00411GA001

Date/Time Sampled 10-9-13 / 0826

Project ID BGOU13-SWMU4P1

Depth: 0' - 1' BEACMD

LAB COC NO.: 004-SG Station 004SG11

Charge Number 80001.11.13.04.01.05 Turnaround 28 Day

Data/Deliverables Level IV Level IV

Hazard Codes

Sample Desc: 6325W - 1175S Unbiased

SGA-BEACMD Matrix: GAS

Bottle: Ziploc Bag containing Soil Gas Analyzer

1

SOW Numbers: BGOU13-03 NA VOCs

Miscellaneous:

Sample Relinquished By	<i>[Signature]</i>	Date/Time	10-9-13 / 1430
Received By	<i>Kenny Spears</i>	Date/Time	10-10-13 / 1000
Sample Relinquished By		Date/Time	
Received By		Date/Time	
Sample Relinquished By		Date/Time	
Received By		Date/Time	



Sample Chain of Custody Record

SWMU 4 Soil Gas Analyzers

Sample ID 00412GA001

Date/Time Sampled 10-9-12 / 0827

Sampler: 93

Project ID BGOU13-SWMU4P1

Depth: 0' - 1'

BEACMD

LAB COC NO.: 004-SG

Station 004SG12

Charge Number 80001.11.13.04.01.05

Turnaround 28 Day

Data/Deliverables Level IV

Level IV

Hazard Codes

Sample Desc: 6400W - 1175S Unbiased

SGA-BEACMD

Matrix: GAS

1
Bottle: Ziploc Bag
containing Soil Gas
Analyzer

SOW Numbers: BGOU13-03 NA
PER LAB VOCs

Miscellaneous:

Sample Relinquished By	<i>[Signature]</i>	Date/Time	10-9-12 / 1430
Received By	<i>Kenny Iffels</i>	Date/Time	10-10-12 / 1000
Sample Relinquished By		Date/Time	
Received By		Date/Time	
Sample Relinquished By		Date/Time	
Received By		Date/Time	



SWMU 4 Soil Gas Analyzers

Sample ID 00413GA001

Date/Time Sampled 10-9-12 / 0828 Sampler: 93

Project ID BGOU13-SWMU4P1

Depth: 0' - 1' BEACMD

LAB COC NO.: 004-SG Station 004SG13

Charge Number 80001.11.13.04.01.05 Turnaround 28 Day

Data/Deliverables Level IV Level IV

Hazard Codes

Sample Desc: 6475W - 1175S Unbiased

SGA-BEACMD Matrix: GAS

Bottle: Ziploc Bag
containing Soil Gas
Analyzer

1

SOW Numbers: BGOU13-03 NA
PER LAB VOCs

Miscellaneous:

Sample Relinquished By	Date/Time
Received By <i>Kenny Speck</i>	10-9-12 / 1430
Sample Relinquished By	Date/Time
Received By	10-10-12 / 1000
Sample Relinquished By	Date/Time
Received By	Date/Time
Sample Relinquished By	Date/Time
Received By	Date/Time



SWMU 4 Soil Gas Analyzers

Sample ID 00414GA001

Date/Time Sampled ID-9-12 / 0827

Sampler: 4B

Project ID BGOU13-SWMU4P1

Depth: 0' - 1'

BEACMD

LAB COC NO.: 004-SG

Station 004SG14

Charge Number 80001.11.13.04.01.05

Turnaround 28 Day

Data/Deliverables Level IV

Level IV

Hazard Codes

Sample Desc: 6475W - 1250S Unbiased

SGA-BEACMD

Matrix: GAS

Bottle: Ziploc Bag
containing Soil Gas
Analyzer

SOW Numbers: BGOU13-03 NA
PER LAB VOCs

Miscellaneous:

Sample Relinquished By

Date/Time 10-9-12/1430

Received By *Kenny Speed*

Date/Time 10-10-12/1000

Sample Relinquished By

Date/Time

Received By

Date/Time

Sample Relinquished By

Date/Time

Received By

Date/Time



SWMU 4 Soil Gas Analyzers

Sample ID 00415GA001

Date/Time Sampled 10-9-12 / 0830

Sampler: 01

Project ID BGOU13-SWMU4P1

Depth: 0' - 1' BEACMD

LAB COC NO.: 004-SG Station 004SG15

Charge Number 80001.11.13.04.01.05 Turnaround 28 Day

Data/Deliverables Level IV Level IV

Hazard Codes

SGA-BEACMD

Matrix: GAS

Bottle: Ziploc Bag containing Soil Gas Analyzer

1

SOW Numbers: BGOU13-03 NA
PER LAB VOCs

Miscellaneous:

Sample Relinquished By		Date/Time	10-9-12 / 1430
Received By	<i>Kenny Ipeck</i>	Date/Time	10-10-12 / 1000
Sample Relinquished By		Date/Time	
Received By		Date/Time	
Sample Relinquished By		Date/Time	
Received By		Date/Time	

Sample Desc: 6400W - 1250S Unbiased



SWMU 4 Soil Gas Analyzers

Sample ID 00416GA001

Date/Time Sampled 10-9-12 / 0832

Sampler: 93

Project ID BGOU13-SWMU4P1

Depth: 0' - 1'

BEACMD

LAB COC NO.: 004-SG Station 004SG16

Charge Number 80001.11.13.04.01.05 Turnaround 28 Day

Data/Deliverables Level IV Level IV

Hazard Codes

Sample Desc: 6325W - 1250S Unbiased

SGA-BEACMD

Matrix: GAS

1

Bottle: Ziploc Bag
containing Soil Gas
Analyzer

SOW Numbers: BGOUT3-03
PER LAB

NA
VOCs

Miscellaneous:

Sample Relinquished By	Date/Time
Received By <i>Kenny Iyechia</i>	10-9-12 / 1430
Sample Relinquished By	Date/Time
Received By	10-10-12 / 1500
Sample Relinquished By	Date/Time
Received By	Date/Time
Sample Relinquished By	Date/Time
Received By	Date/Time



SWMU 4 Soil Gas Analyzers

Sample ID 00417GA001

Date/Time Sampled 10-9-12 / 0833 Sampler: 93

Project ID BGOU13-SWMU4P1

Depth: 0' -- 1' BEACMD

LAB COC NO.: 004-SG Station 004SG17

Charge Number 80001.11.13.04.01.05 Turnaround 28 Day

Data/Deliverables Level IV Level IV

Hazard Codes

Sample Desc: 6250W - 1250S Unbiased

SGA-BEACMD

Matrix: GAS

Bottle: Ziploc Bag
containing Soil Gas
Analyzer

SOW Numbers: BGOU13-03

PER LAB

NA

VOCs

Miscellaneous:

Sample Relinquished By		Date/Time	10-9-12 / 1430
Received By	<i>Kenny Specker</i>	Date/Time	10.10.12 / 1000
Sample Relinquished By		Date/Time	
Received By		Date/Time	
Sample Relinquished By		Date/Time	
Received By		Date/Time	



SWMU 4 Soil Gas Analyzers

Sample ID 00418GA001

Date/Time Sampled 10-9-12 / 0834

Sampler: 93

Project ID BGOU13-SWMU4P1

Depth: 0' - 1'

BEACMD

LAB COC NO.: 004-SG Station 004SG18

Charge Number 80001.11.13.04.01.05 Turnaround 28 Day

Data/Deliverables Level IV Level IV

Hazard Codes

Sample Desc: 6175W - 1250S Unbiased

SGA-BEACMD

Matrix: GAS

Bottle: Ziploc Bag
containing Soil Gas
Analyzer

1

SOW Numbers: BGOU13-03
PER LAB NA

VOCs

Miscellaneous:

Sample Relinquished By		Date/Time	10-9-12/1430
Received By	Kerry Ispach	Date/Time	10-10-12/1000
Sample Relinquished By		Date/Time	
Received By		Date/Time	
Sample Relinquished By		Date/Time	
Received By		Date/Time	



SWMU 4 Soil Gas Analyzers

Sample ID 00419GA001

Date/Time Sampled 10-9-13 / 0833 Sampler: 93

Project ID BGOU13-SWMU4P1

Depth: 0' - 1' BEACMD

LAB COC NO.: 004-SG Station 004SG19

Charge Number 80001.11.13.04.01.05 Turnaround 28 Day

Data/Deliverables Level IV Level IV

Hazard Codes

Sample Desc: 6100W - 1250S Unbiased

SGA-BEACMD

Matrix: GAS

Bottle: Ziploc Bag
containing Soil Gas
Analyzer

1

SOW Numbers: BGOU13-03
PER LAB NA

VOCs

Miscellaneous:

Sample Relinquished By	<u>[Signature]</u>	Date/Time	<u>10-9-13/1430</u>
Received By	<u>Kenny Sparks</u>	Date/Time	<u>10-10-12/1000</u>
Sample Relinquished By		Date/Time	
Received By		Date/Time	
Sample Relinquished By		Date/Time	
Received By		Date/Time	



SWMU 4 Soil Gas Analyzers

Sample ID 00420GA001

Date/Time Sampled 10-9-12 / 0736

Sampler: 93

Project ID BGOU13-SWMU4P1

Depth: 0' - 1'

BEACMD

LAB COC NO.: 004-SG

Station 004SG20

Charge Number 80001.11.13.04.01.05

Turnaround 28 Day

Data/Deliverables Level IV

Level IV

Hazard Codes

Sample Desc: 6025W - 1250S Unbiased

SGA-BEACMD

Matrix: GAS

1
Bottle: Ziploc Bag
containing Soil Gas
Analyzer

SOW Numbers: BGOU13-03 NA
PER LAB VOCs

Miscellaneous:

Sample Relinquished By	Date/Time
Received By <i>Kenny Sparks</i>	10-9-12/1430
Sample Relinquished By	Date/Time
Received By	10-10-12/1000
Sample Relinquished By	Date/Time
Received By	Date/Time
Sample Relinquished By	Date/Time
Received By	Date/Time



Sample Chain of Custody Record

SWMU 4 Soil Gas Analyzers

Sample ID 00421GA001

Date/Time Sampled 10-7-13 / 0837

Sampler: 93

Project ID BGOU13-SWMU4P1

Depth: 0' - 1'

BEACMD

LAB COC NO.: 004-SG

Station 004SG21

Charge Number 80001.11.13.04.01.05

Turnaround 28 Day

Data/Deliverables Level IV

Level IV

Hazard Codes

Sample Desc: 5950W - 1250S Unbiased

SGA-BEACMD

Matrix: GAS

Bottle: Ziploc Bag containing Soil Gas Analyzer

1

SOW Numbers: BGOU13-03

NA

VOCs

Miscellaneous:

Sample Relinquished By	Date/Time
Received By <i>Kenny T. Jacobs</i>	10-9-12 / 1430
Sample Relinquished By	Date/Time
Received By	10-10-12 / 1000
Sample Relinquished By	Date/Time
Received By	Date/Time
Sample Relinquished By	Date/Time
Received By	Date/Time



Sample Chain of Custody Record

SWMU 4 Soil Gas Analyzers

Sample ID 00422GA001

Date/Time Sampled 10-9-12 / 0832

Project ID BGOU13-SWMU4P1

Depth: 0' - 1'

LAB COC NO.: 004-SG Station 004SG22

Charge Number 80001.11.13.04.01.05 Turnaround 28 Day

Data/Deliverables Level IV Level IV

Hazard Codes

Sample Relinquished By	Date/Time
Received By <i>Kenny Specht</i>	10-7-12 / 1430
Sample Relinquished By	Date/Time
Received By	10-10-12 / 1000
Sample Relinquished By	Date/Time
Received By	Date/Time
Sample Relinquished By	Date/Time
Received By	Date/Time

Sample Desc: 5950W - 1325S Unbiased

SGA-BEACMD

Matrix: GAS

Bottle: Ziploc Bag
containing Soil Gas
Analyzer

SOW Numbers: BGOU13-03 NA
| PER LAB VOCs

Miscellaneous:



Sample Chain of Custody Record

SWMU 4 Soil Gas Analyzers

Sample ID 00423GA001

Date/Time Sampled 10-9-12 / 0839

Project ID BGOU13-SWMU4P1

Depth: 0' - 1'

LAB COC NO.: 004-SG Station 004SG23

Charge Number 80001.11.13.04.01.05 Turnaround 28 Day

Data/Deliverables Level IV Level IV

Hazard Codes

SGA-BEACMD

Matrix: GAS

Bottle: Ziploc Bag containing Soil Gas Analyzer

SOW Numbers: BGOU13-03 NA
PER LAB VOCS

Miscellaneous:

Sample Relinquished By	<i>[Signature]</i>	Date/Time	10-9-12/1430
Received By	<i>Kenny Ipecho</i>	Date/Time	10-10-12/1000
Sample Relinquished By		Date/Time	
Received By		Date/Time	
Sample Relinquished By		Date/Time	
Received By		Date/Time	

Sample Desc: 6025W - 1325S Unbiased



SWMU 4 Soil Gas Analyzers

00424GA001

Sample ID

Date/Time Sampled

10-9-12 / 0840

Sampler: GS

Date/Time 10-9-12 / 1430

Date/Time 10-10-12 / 11000

Project ID

BGOU13-SWMU4P1

Depth:

0' - 1'

BEACMD

LAB COC NO.:

004-SG

Station 004SG24

Charge Number

80001.11.13.04.01.05

Turnaround 28 Day

Data/Deliverables

Level IV

Level IV

Hazard Codes

Sample Desc: 6100W - 1325S Unbiased

SGA-BEACMD

Matrix: GAS

Bottle: Ziploc Bag
containing Soil Gas
Analyzer

1

SOW Numbers: BGOU13-03
PER LAB

NA
VOCs

Miscellaneous:



SWMU 4 Soil Gas Analyzers

00425GA001

Sample ID

10-9-13 / 0842

Date/Time Sampled

Samplers: 2

BGOU13-SWMU4P1

Project ID

0' - 1'

Depth:

BEACMD

004-SG

LAB COC NO.:

Station 004SG25

80001.11.13.04.01.05

Charge Number

Turnaround 28 Day

Level IV

Data/Deliverables

Level IV

Hazard Codes

Sample Desc: 6140W - 1350S Biased

SGA-BEACMD

Matrix: GAS

Bottle: Ziploc Bag
containing Soil Gas
Analyzer

SOW Numbers: BGOU13-03 NA
PER LAB VOCs

Miscellaneous:

Sample Relinquished By	<i>[Signature]</i>	Date/Time	10-9-13/1430
Received By	<i>Kenny Ipecho</i>	Date/Time	10-10-17/1000
Sample Relinquished By		Date/Time	
Received By		Date/Time	
Sample Relinquished By		Date/Time	
Received By		Date/Time	



SWMU 4 Soil Gas Analyzers

Sample ID 00426GA001

Date/Time Sampled 10-9-12 0843 Sampler: JS

Project ID BGOU13-SWMU4P1

Depth: 0' - 1' BEACMD

LAB COC NO.: 004-SG Station 004SG26

Charge Number 80001.11.13.04.01.05 Turnaround 28 Day

Data/Deliverables Level IV Level IV

Hazard Codes

Sample Desc: 6175W - 1325S Unbiased

SGA-BEACMD

Matrix: GAS

Bottle: Ziploc Bag
containing Soil Gas
Analyzer

1

SOW Numbers: BGOU13-03 NA
PER LAB VOCs

Miscellaneous:

Sample Relinquished By		Date/Time	10-9-12/1430
Received By	Kenny Ifeader	Date/Time	10-10-12/11000
Sample Relinquished By		Date/Time	
Received By		Date/Time	
Sample Relinquished By		Date/Time	
Received By		Date/Time	



SWMU 4 Soil Gas Analyzers

Sample ID 00427GA001

Date/Time Sampled 10-1-12 / 0844

Sampler: AS

Project ID BGOU13-SWMU4P1

Depth: 0' - 1'

BEACMD

LAB COC NO.: 004-SG

Station 004SG27

Charge Number 80001.11.13.04.01.05

Turnaround 28 Day

Data/Deliverables Level IV

Level IV

Hazard Codes

Sample Desc: 6250W - 1325S Unbiased

SGA-BEACMD

Matrix: GAS

Bottle: Ziploc Bag
containing Soil Gas
Analyzer

SOW Numbers: BGOU13-03 NA
PER LAB VOCs

Miscellaneous:

Sample Relinquished By	Date/Time
Received By <u>Kenny T. Jacobs</u>	10-9-12/1430
Sample Relinquished By	Date/Time
Received By	Date/Time
Sample Relinquished By	Date/Time
Received By	Date/Time



SWMU 4 Soil Gas Analyzers

Sample ID 00428GA001

Date/Time Sampled 10.9.12 / 0845

Sampler: 93

Project ID BGOU13-SWMU4P1

Depth: 0' - 1' BEACMD

LAB COC NO.: 004-SG Station 004SG28

Charge Number 80001.11.13.04.01.05 Turnaround 28 Day

Data/Deliverables Level IV Level IV

Hazard Codes

Sample Desc: 6325W - 1325S Unbiased

SGA-BEACMD

Matrix: GAS

Bottle: Ziploc Bag
containing Soil Gas
Analyzer

SOW Numbers: BGOU13-03 NA
PER LAB VOCs

Miscellaneous:

Sample Relinquished By		Date/Time	10.9.12/1430
Received By	<i>Kenny Spears</i>	Date/Time	10.10.12/1000
Sample Relinquished By		Date/Time	
Received By		Date/Time	
Sample Relinquished By		Date/Time	
Received By		Date/Time	



SWMU 4 Soil Gas Analyzers

Sample ID 00429GA001

Date/Time Sampled 10-9-12 / 0846

Sampler: 43

Project ID BGOU13-SWMU4P1

Depth: 0' - 1' BEACMD

LAB COC NO.: 004-SG Station 004SG29

Charge Number 80001.11.13.04.01.05 Turnaround 28 Day

Data/Deliverables Level IV Level IV

Hazard Codes Sample Desc: 6400W - 1325S Unbiased, run duplicate

Sample Relinquished By	Date/Time
Received By <i>Kenny Ipecho</i>	10-9-12/1430
Sample Relinquished By	Date/Time
Received By	10-10-12/1000
Sample Relinquished By	Date/Time
Received By	Date/Time
Sample Relinquished By	Date/Time
Received By	Date/Time

SGA-BEACMD Matrix: GAS

Bottle: Ziploc Bag containing Soil Gas Analyzer

SOW Numbers: BGOU13-03 NA PER LAB VOCs

Miscellaneous: Dup 00429GA001-D



SWMU 4 Soil Gas Analyzers

Sample ID 00430GA001

Date/Time Sampled 10-7-12 / 0847

Project ID BGOU13-SWMU4P1

Depth: 0' - 1'

LAB COC NO.: 004-SG

Charge Number 80001.11.13.04.01.05

Data/Deliverables Level IV

Hazard Codes Level IV

Sample Relinquished By

Received By *Kenny Sparks*

Sample Relinquished By

Received By

Sample Relinquished By

Received By

Date/Time 10-7-12/1430

Date/Time 10-10-12/1000

Date/Time

Date/Time

Date/Time

Date/Time

Sample Desc: 6475W - 1325S Unbiased

SGA-BEACMD Matrix: GAS

Bottle: Ziploc Bag
containing Soil Gas
Analyzer

SOW Numbers: BGOU13-03 NA
PER LAB VOCs

Miscellaneous:



SWMU 4 Soil Gas Analyzers

Sample ID 00431GA001

Date/Time Sampled 10-9-12 / 0848

Sampler: GB

Project ID BGOU13-SWMU4P1

Depth: 0' - 1'

BEACMD

LAB COC NO.: 004-SG

Station 004SG31

Charge Number 80001.11.13.04.01.05

Turnaround 28 Day

Data/Deliverables Level IV

Level IV

Hazard Codes

Sample Desc: 6475W - 1400S Unbiased

SGA-BEACMD

Matrix: GAS

Bottle: Ziploc Bag
containing Soil Gas
Analyzer

SOW Numbers: BGOU13-03 NA
PER LAB VOCs

Miscellaneous:

Sample Relinquished By		Date/Time	<u>10-9-12 / 1430</u>
Received By	<u>Kenny Ipeck</u>	Date/Time	<u>10-10-12 / 1000</u>
Sample Relinquished By		Date/Time	
Received By		Date/Time	
Sample Relinquished By		Date/Time	
Received By		Date/Time	



SWMU 4 Soil Gas Analyzers

Sample ID 00432GA001

Date/Time Sampled 10-9-12 / 0849

Sampler: GS

Project ID BGOU13-SWMU4P1

Depth: 0' - 1'

BEACMD

LAB COC NO.: 004-SG

Station 004SG32

Charge Number 80001.11.13.04.01.05

Turnaround 28 Day

Data/Deliverables Level IV

Level IV

Hazard Codes

Sample Desc: 6400W - 1400S Unbiased

SGA-BEACMD

Matrix: GAS

Bottle: Ziploc Bag
containing Soil Gas
Analyzer

1

SOW Numbers: BGOU13-03
PER LAB

NA
VOCs

Miscellaneous:

Sample Relinquished By	Date/Time
Received By <i>Kenny I. Beach</i>	10-9-12 / 1430
Sample Relinquished By	Date/Time
Received By	10-10-12 / 1000
Sample Relinquished By	Date/Time
Received By	Date/Time
Sample Relinquished By	Date/Time
Received By	Date/Time



Sample Chain of Custody Record

SWMU 4 Soil Gas Analyzers

Sample ID 00433GA001

Date/Time Sampled 10-1-12 / 0850

Project ID BGOU13-SWMU4P1

Depth: 0' - 1' BEACMD

LAB COC NO.: 004-SG Station 004SG33

Charge Number 80001.11.13.04.01.05 Turnaround 28 Day

Data/Deliverables Level IV Level IV

Hazard Codes Sample Desc: 6325W - 1400S Unbiased

SGA-BEACMD Matrix: GAS

Bottle: Ziploc Bag
containing Soil Gas
Analyzer

SOW Numbers: BGOU13-03 NA
PER LAB VOCs

Miscellaneous:

Sample Relinquished By	Date/Time
Received By <i>Kenny Spears</i>	10-9-12 / 1430
Sample Relinquished By	Date/Time
Received By	10-10-12 / 1000
Sample Relinquished By	Date/Time
Received By	Date/Time
Sample Relinquished By	Date/Time
Received By	Date/Time



SWMU 4 Soil Gas Analyzers

Sample ID 00434GA001

Date/Time Sampled 10-9-12/0831 Sampler: 43

Project ID BGOU13-SWMU4P1

Depth: 0' - 1' BEACMD

LAB COC NO.: 004-SG Station 004SG34

Charge Number 80001.11.13.04.01.05 Turnaround 28 Day

Data/Deliverables Level IV Level IV

Hazard Codes

Sample Desc: 6250W - 1400S Unbiased

SGA-BEACMD

Matrix: GAS

Bottle: Ziploc Bag
containing Soil Gas
Analyzer

SOW Numbers: BGOU13-03 NA
|PER LAB VOCs

Miscellaneous:

Sample Relinquished By

Date/Time 10-9-12/1450

Received By *Kenny Traylor*

Date/Time 10-10-12/1000

Sample Relinquished By

Date/Time

Received By

Date/Time

Sample Relinquished By

Date/Time

Received By

Date/Time



Sample Chain of Custody Record

SWMU 4 Soil Gas Analyzers

Sample ID 00435GA001

Date/Time Sampled 10-1-12 / 0852

Sampler: GS

Project ID BGOU13-SWMU4P1

Depth: 0' - 1'

BEACMD

LAB COC NO.: 004-SG

Station 004SG35

Charge Number 80001.11.13.04.01.05

Turnaround 28 Day

Data/Deliverables Level IV

Level IV

Hazard Codes

Sample Desc: 6225W - 1410S Biased

SGA-BEACMD

Matrix: GAS

Bottle: Ziploc Bag
containing Soil Gas
Analyzer

SOW Numbers: BGOU13-03
[PER LAB] NA

VOCs

Miscellaneous:

Sample Relinquished By	Date/Time
Received By <i>Kenny Ipeck</i>	10-4-12 / 1430
Sample Relinquished By	Date/Time
Received By	10-10-12 / 1000
Sample Relinquished By	Date/Time
Received By	Date/Time
Sample Relinquished By	Date/Time
Received By	Date/Time



SWMU 4 Soil Gas Analyzers

Sample ID 00436GA001

Date/Time Sampled 10-9-12 / 0853

Sampler: 03

Project ID BGOU13-SWMU4P1

Depth: 0' - 1'

BEACMD

LAB COC NO.: 004-SG

Station 004SG36

Charge Number 80001.11.13.04.01.05

Turnaround 28 Day

Data/Deliverables Level IV

Level IV

Hazard Codes

Sample Desc: 6175W - 1400S Unbiased

SGA-BEACMD

Matrix: GAS

Bottle: Ziploc Bag
containing Soil Gas
Analyzer

1

SOW Numbers: BGOU13-03

NA

PER LAB

VOCs

Miscellaneous:

Sample Relinquished By		Date/Time	10-9-12 / 1430
Received By	Kenny Ipeckho	Date/Time	10-10-12 / 1000
Sample Relinquished By		Date/Time	
Received By		Date/Time	
Sample Relinquished By		Date/Time	
Received By		Date/Time	



SWMU 4 Soil Gas Analyzers

Sample ID 00437GA001

Date/Time Sampled 10-9-12 / 0854

Project ID BGOU13-SWMU4P1

Depth: 0' - 1'

LAB COC NO.: 004-SG Station 004SG37

Charge Number 80001.11.13.04.01.05 Turnaround 28 Day

Data/Deliverables Level IV Level IV

Hazard Codes

SGA-BEACMD

Matrix: GAS

Bottle: Ziploc Bag containing Soil Gas Analyzer

1

SOW Numbers: BGOU13-03

NA

VOCs

00437A001-D

Miscellaneous: Dup

Sample Relinquished By		Date/Time	10-9-12 / 1430
Received By	Kenny Ipecho	Date/Time	10-10-12 / 1000
Sample Relinquished By		Date/Time	
Received By		Date/Time	
Sample Relinquished By		Date/Time	
Received By		Date/Time	

Sample Desc: 6100W - 1400S Unbiased, run duplicate



SWMU 4 Soil Gas Analyzers

Sample ID 00438GA001

Date/Time Sampled 10-9-12 / 0855 Sampler: gk

Project ID BGOU13-SWMU4P1

Depth: 0' - 1' BEACMD

LAB COC NO.: 004-SG Station 004SG38

Charge Number 80001.11.13.04.01.05 Turnaround 28 Day

Data/Deliverables Level IV Level IV

Hazard Codes Sample Desc: 6025W - 1400S Unbiased

Sample Relinquished By	Date/Time
Received By <u>Kenny Ipecho</u>	<u>10-9-12 / 1430</u>
Sample Relinquished By	Date/Time
Received By	Date/Time
Sample Relinquished By	Date/Time
Received By	Date/Time

SGA-BEACMD Matrix: GAS

Bottle: Ziploc Bag containing Soil Gas Analyzer

SOW Numbers: BGOU13-03 NA
PER LAB VOCs

Miscellaneous:



SWMU 4 Soil Gas Analyzers

Sample ID 00439GA001

Date/Time Sampled 10-9-12 / 0832

Sampler: 93

Project ID BGOU13-SWMU4P1

Depth: 0' - 1'

BEACMD

LAB COC NO.: 004-SG

Station 004SG39

Charge Number 80001.11.13.04.01.05

Turnaround 28 Day

Data/Deliverables Level IV

Level IV

Hazard Codes

Sample Desc: 5950W - 1400S Unbiased

SGA-BEACMD

Matrix: GAS

Bottle: Ziploc Bag
containing Soil Gas
Analyzer

1

SOW Numbers: BGOU13-03 NA
PER LAB VOCs

Miscellaneous:

Sample Relinquished By	Date/Time
Received By <i>Kenny Trachis</i>	10-9-12 / 1430
Sample Relinquished By	Date/Time
Received By	10-10-12 / 1000
Sample Relinquished By	Date/Time
Received By	Date/Time
Sample Relinquished By	Date/Time
Received By	Date/Time



SWMU 4 Soil Gas Analyzers

Sample ID 00440GAD001

Date/Time Sampled 10-9-12 / 08:37

Project ID BGOU13-SWMU4P1

Depth: 0' - 1'

LAB COC NO.: 004-SG Station 004SG40

Charge Number 80001.11.13.04.01.05 Turnaround 28 Day

Data/Deliverables Level IV Level IV

Hazard Codes

SGA-BEACMD

Matrix: GAS

Bottle: Ziploc Bag
containing Soil Gas
Analyzer

SOW Numbers: BGOU13-03

NA

VOCs

Miscellaneous:

Sample Relinquished By

Received By *Kenny Ifeachor*

Date/Time 10-9-12 / 1430

Date/Time 10-10-12 / 1000

Sample Relinquished By

Received By

Date/Time

Sample Relinquished By

Received By

Date/Time

Sample Desc: 5950W - 1475S Unbiased, near pipe



SWMU 4 Soil Gas Analyzers

Sample ID 00441GA001

Date/Time Sampled 10-9-12 / 0838

Sampler: *as*

Project ID BGOU13-SWMU4P1

Depth: 0' - 1'

BEACMD

LAB COC NO.: 004-SG

Station 004SG41

Charge Number 80001.11.13.04.01.05

Turnaround 28 Day

Data/Deliverables Level IV

Level IV

Hazard Codes

Sample Desc: 6025W - 1475S Unbiased

SGA-BEACMD

Matrix: GAS

Bottle: Ziploc Bag
containing Soil Gas
Analyzer

SOW Numbers: BGOU13-03 NA
PER LAB VOCs

Miscellaneous:

Sample Relinquished By	<i>[Signature]</i>	Date/Time	10-9-12/1430
Received By	<i>Kenny Ifachwa</i>	Date/Time	10-10-12/1000
Sample Relinquished By		Date/Time	
Received By		Date/Time	
Sample Relinquished By		Date/Time	
Received By		Date/Time	



SWMU 4 Soil Gas Analyzers

Sample ID 00442GA001

Date/Time Sampled 10-9-13 / 0700

Project ID BGOU13-SWMU4P1

Depth: 0' - 1'

LAB COC NO.: 004-SG BEACMD

Charge Number 80001.11.13.04.01.05 Station 004SG42

Data/Deliverables Level IV Turnaround 28 Day

Hazard Codes Level IV

Sample Relinquished By	Date/Time
Received By <i>Kenny Ipeachs</i>	10-9-13 / 1430
Sample Relinquished By	Date/Time
Received By	10-10-12 / 1000
Sample Relinquished By	Date/Time
Received By	Date/Time
Sample Relinquished By	Date/Time
Received By	Date/Time

Sample Desc: 6100W - 1475S Unbiased

SGA-BEACMD Matrix: GAS

Bottle: Ziploc Bag
containing Soil Gas
Analyzer

1

SOW Numbers: BGOU13-03 NA
PER LAB VOCs

Miscellaneous:



SWMU 4 Soil Gas Analyzers

Sample ID 00443GAD01

Date/Time Sampled 10-9-12 / 0901

Sampler: 93

Project ID BGOU13-SWMU4P1

Depth: 0' - 1'

BEACMD

LAB COC NO.: 004-SG

Station 004SG43

Charge Number 80001.11.13.04.01.05

Turnaround 28 Day

Data/Deliverables Level IV

Level IV

Hazard Codes

Sample Desc: 6135W - 1498S Biased

SGA-BEACMD

Matrix: GAS

Bottle: Ziploc Bag
containing Soil Gas
Analyzer

1

SOW Numbers: BGOU13-03

NA

VOCs

Miscellaneous:

Sample Relinquished By	Date/Time
Received By <i>Kenny Spachis</i>	10-9-12 / 1430
Sample Relinquished By	Date/Time
Received By	Date/Time
Sample Relinquished By	Date/Time
Received By	Date/Time



SWMU 4 Soil Gas Analyzers

Sample ID 00444GA001

Date/Time Sampled 10-9-12 / 0902

Sampler: 93

Project ID BGOU13-SWMU4P1

Depth: 0' - 1'

BEACMD

LAB COC NO.: 004-SG Station 004SG44

Charge Number 80001.11.13.04.01.05 Turnaround 28 Day

Data/Deliverables Level IV Level IV

Hazard Codes

Sample Desc: 6175W - 1475S Unbiased

SGA-BEACMD

Matrix: GAS

1

Bottle: Ziploc Bag
containing Soil Gas
Analyzer

SOW Numbers: BGOU13-03 NA
PER LAB VOCs

Miscellaneous:

Sample Relinquished By	Date/Time
Received By <i>Kenny Ifeache</i>	10-9-12 / 1430
Sample Relinquished By	Date/Time
Received By	10-10-12
Sample Relinquished By	Date/Time
Received By	
Sample Relinquished By	Date/Time
Received By	



SWMU 4 Soil Gas Analyzers

Sample ID 00445GA001

Date/Time Sampled 10-9-12 / 0903

Sampler: 445

Project ID BGOU13-SWMU4P1

Depth: 0' - 1'

BEACMD

LAB COC NO.: 004-SG

Station 004SG45

Charge Number 80001.11.13.04.01.05

Turnaround 28 Day

Data/Deliverables Level IV

Level IV

Hazard Codes

Sample Desc: 6215W - 1498S Biased

SGA-BEACMD

Matrix: GAS

Bottle: Ziploc Bag containing Soil Gas Analyzer

1

SOW Numbers: BGOU13-03

NA

PER LAB

VOCs

Miscellaneous:

Sample Relinquished By	Date/Time
Received By <i>Kenny Sparks</i>	10-9-12/1430
Sample Relinquished By	Date/Time
Received By	10-10-12/1000
Sample Relinquished By	Date/Time
Received By	Date/Time
Sample Relinquished By	Date/Time
Received By	Date/Time



SWMU 4 Soil Gas Analyzers

Sample ID 00446GA001

Date/Time Sampled 10-9-12 / 0704

Sampler: 98

Project ID BGOU13-SWMU4P1

Depth: 0' - 1' BEACMD

LAB COC NO.: 004-SG Station 004SG46

Charge Number 80001.11.13.04.01.05 Turnaround 28 Day

Data/Deliverables Level IV Level IV

Hazard Codes

Sample Desc: 6250W - 1475S Unbiased

SGA-BEACMD

Matrix: GAS

Bottle: Ziploc Bag
containing Soil Gas
Analyzer

SOW Numbers: BGOU13-03 NA
PER LAB VOCs

Miscellaneous:

Sample Relinquished By	Date/Time
Received By <i>Kenny Sparks</i>	10-9-12/1430
Sample Relinquished By	Date/Time
Received By	10-10-12/1000
Sample Relinquished By	Date/Time
Received By	Date/Time
Sample Relinquished By	Date/Time
Received By	Date/Time



SWMU 4 Soil Gas Analyzers

Sample ID 00447GA001

Date/Time Sampled 10-9-12 / 0905

Sampler: 43

Project ID BGOU13-SWMU4P1

Depth: 0' - 1'

BEACMD

LAB COC NO.: 004-SG Station 004SG47

Charge Number 80001.11.13.04.01.05 Turnaround 28 Day

Data/Deliverables Level IV Level IV

Hazard Codes Sample Desc: 6289W - 1498S Biased

Sample Relinquished By	<i>[Signature]</i>	Date/Time	10-9-10/1430
Received By	<i>Kenny Ifeatch</i>	Date/Time	10-10-12/1000
Sample Relinquished By		Date/Time	
Received By		Date/Time	
Sample Relinquished By		Date/Time	
Received By		Date/Time	

SGA-BEACMD Matrix: GAS

Bottle: Ziploc Bag containing Soil Gas Analyzer

SOW Numbers: BGOU13-03 NA
PER LAB VOCs

Miscellaneous:



SWMU 4 Soil Gas Analyzers

Sample ID 00448GA001

Date/Time Sampled 10-9-12/0906

Sampler: AS

Project ID BGOU13-SWMU4P1

Depth: 0' - 1' BEACMD

LAB COC NO.: 004-SG Station 004SG48

Charge Number 80001.11.13.04.01.05 Turnaround 28 Day

Data/Deliverables Level IV Level IV

Hazard Codes

Sample Desc: 6325W - 1475S Unbiased

SGA-BEACMD

Matrix: GAS

Bottle: Ziploc Bag
containing Soil Gas
Analyzer

1

SOW Numbers: BGOU13-03 NA
PER LAB VOCs

Miscellaneous:

Sample Relinquished By		Date/Time	10-9-12/1430
Received By	Kenny Ifredw	Date/Time	10-10-12/1000
Sample Relinquished By		Date/Time	
Received By		Date/Time	
Sample Relinquished By		Date/Time	
Received By		Date/Time	



SWMU 4 Soil Gas Analyzers

Sample ID 00449GA001

Date/Time Sampled 10-1-12 / 0907

Sampler: *SP3*

Project ID BGOU13-SWMU4P1

Depth: 0' - 1'

BEACMD

LAB COC NO.: 004-SG

Station 004SG49

Charge Number 80001.11.13.04.01.05

Turnaround 28 Day

Data/Deliverables Level IV

Level IV

Hazard Codes

Sample Desc: 6360W - 1498S Biased

SGA-BEACMD

Matrix: GAS

Bottle: Ziploc Bag
containing Soil Gas
Analyzer

1

SOW Numbers: BGOUT3-03
PER LAB

NA
VOCs

Miscellaneous:

Sample Relinquished By	<i>[Signature]</i>	Date/Time	10-7-12 / 1430
Received By	<i>Kenny Ipecho</i>	Date/Time	10-10-12 / 1000
Sample Relinquished By		Date/Time	
Received By		Date/Time	
Sample Relinquished By		Date/Time	
Received By		Date/Time	



SWMU 4 Soil Gas Analyzers

Sample ID: 00450GA001

Date/Time Sampled: 10-9-12 / 0708 Sampler: AS

Project ID: BGOU13-SWMU4P1

Depth: 0' - 1' BEACMD

LAB COC NO.: 004-SG Station: 004SG50

Charge Number: 80001.11.13.04.01.05 Turnaround: 28 Day

Data/Deliverables: Level IV Level IV

Hazard Codes:

Sample Relinquished By	Date/Time
Received By: <i>Kenny Specker</i>	10-9-12 / 1430
Sample Relinquished By	Date/Time
Received By	Date/Time
Sample Relinquished By	Date/Time
Received By	Date/Time

Sample Desc: 6400W - 1475S Unbiased

SGA-BEACMD Matrix: GAS

Bottle: Ziploc Bag containing Soil Gas Analyzer

SOW Numbers: BGOUT3-03 NA

PER LAB VOCs

Miscellaneous:



SWMU 4 Soil Gas Analyzers

Sample ID 00451GA001

Date/Time Sampled 10-9-12 / 0909

Sampler: 93

Project ID BGOU13-SWMU4P1

Depth: 0' - 1' BEACMD

LAB COC NO.: 004-SG Station 004SG51

Charge Number 80001.11.13.04.01.05 Turnaround 28 Day

Data/Deliverables Level IV Level IV

Hazard Codes

Sample Desc: 6438W - 1498S Biased

SGA-BEACMD

Matrix: GAS

Bottle: Ziploc Bag containing Soil Gas Analyzer

SOW Numbers: BGOUT3-03 NA
PER LAB VOCs

Miscellaneous:

Sample Relinquished By	<i>[Signature]</i>	Date/Time	10-9-12 / 1430
Received By	<i>Kenny Ipeck</i>	Date/Time	10-10-12 / 1000
Sample Relinquished By		Date/Time	
Received By		Date/Time	
Sample Relinquished By		Date/Time	
Received By		Date/Time	



SWMU 4 Soil Gas Analyzers

Sample ID 00452GA001

Date/Time Sampled 10-9-12 / 0910

Sampler: gs

Project ID BGOU13-SWMU4P1

Depth: 0' - 1'

BEACMD

LAB COC NO.: 004-SG

Station 004SG52

Charge Number 80001.11.13.04.01.05

Turnaround 28 Day

Data/Deliverables Level IV

Level IV

Hazard Codes

Sample Desc: 6475W - 1475S Unbiased

SGA-BEACMD

Matrix: GAS

Bottle: Ziploc Bag
containing Soil Gas
Analyzer

SOW Numbers: BGOU13-03
PER LAB

NA
VOCs

Miscellaneous:

Sample Relinquished By	<u>[Signature]</u>	Date/Time	<u>10-9-12/1430</u>
Received By	<u>Kenny Ifeicho</u>	Date/Time	<u>10/09/1000</u>
Sample Relinquished By		Date/Time	
Received By		Date/Time	
Sample Relinquished By		Date/Time	
Received By		Date/Time	



SWMU 4 Soil Gas Analyzers

Sample ID 00453GA001

Date/Time Sampled 10-9-12 / 0912

Sampler: QS

Project ID BGOU13-SWMU4P1

Depth: 0' - 1'

BEACMD

LAB COC NO.: 004-SG

Station 004SG53

Charge Number 80001.11.13.04.01.05

Turnaround 28 Day

Data/Deliverables Level IV

Level IV

Hazard Codes

Sample Desc: 6475W - 1550S Unbiased

SGA-BEACMD

Matrix: GAS

Bottle: Ziploc Bag containing Soil Gas Analyzer

SOW Numbers: BGOU13-03

NA

PER LAB

VOCs

Miscellaneous:

Sample Relinquished By	Date/Time
Received By <i>Kenny Spears</i>	10-9-12 / 1430
Sample Relinquished By	Date/Time
Received By	Date/Time
Sample Relinquished By	Date/Time
Received By	Date/Time



Sample Chain of Custody Record

SWMU 4 Soil Gas Analyzers

Sample ID 00454GA001

Date/Time Sampled 10-9-12 / 0913

Sampler: 93

Project ID BGOU13-SWMU4P1

Depth: 0' - 1'

BEACMD

LAB COC NO.: 004-SG

Station 004SG54

Charge Number 80001.11.13.04.01.05

Turnaround 28 Day

Data/Deliverables Level IV

Level IV

Hazard Codes

Sample Desc: 6456W - 1584S Biased

SGA-BEACMD

Matrix: GAS

Bottle: Ziploc Bag containing Soil Gas Analyzer

SOW Numbers: BGOU13-03

NA

VOCs

Miscellaneous:

Sample Relinquished By		Date/Time	10-9-12 / 1430
Received By	<i>Kevin Speck</i>	Date/Time	10-10-12 / 1000
Sample Relinquished By		Date/Time	
Received By		Date/Time	
Sample Relinquished By		Date/Time	
Received By		Date/Time	



Sample Chain of Custody Record

SWMU 4 Soil Gas Analyzers

Sample ID 00455GA001

Date/Time Sampled 10-9-12 / 0914

Project ID BGOU13-SWMU4P1

Depth: 0' - 1'

LAB COC NO.: 004-SG

Charge Number 80001.11.13.04.01.05

Data/Deliverables Level IV

Hazard Codes

Sample Relinquished By

Received By *Kevin Speed*

Date/Time

10-9-12 / 1430

Sample Relinquished By

Date/Time

10-10-12 / 1000

Received By

Date/Time

Sample Relinquished By

Date/Time

Received By

Date/Time

Sample Relinquished By

Date/Time

Received By

Date/Time

Sample Desc: 6400W - 1550S Unbiased

SGA-BEACMD Matrix: GAS

Bottle: Ziploc Bag containing Soil Gas Analyzer

SOW Numbers: BGOU13-03 NA

VOCs

Miscellaneous:



SWMU 4 Soil Gas Analyzers

Sample ID 00456GA001

Date/Time Sampled 10-9-12 / 0915

Sampler: *AS*

Project ID BGOU13-SWMU4P1

Depth: 0' - 1'

BEACMD

LAB COC NO.: 004-SG

Station 004SG56

Charge Number 80001.11.13.04.01.05

Turnaround 28 Day

Data/Deliverables Level IV

Level IV

Hazard Codes

Sample Desc: 6356W - 1578S Biased

SGA-BEACMD

Matrix: GAS

Bottle: Ziploc Bag containing Soil Gas Analyzer

SOW Numbers: BGOU13-03 PER LAB

NA VOCs

Miscellaneous:

Sample Relinquished By	<i>[Signature]</i>	Date/Time	10-9-12/1430
Received By	<i>Kenny Ife</i>	Date/Time	10-10-12/1000
Sample Relinquished By		Date/Time	
Received By		Date/Time	
Sample Relinquished By		Date/Time	
Received By		Date/Time	



SWMU 4 Soil Gas Analyzers

Sample ID 00457GA001

Date/Time Sampled 10-9-12 / 0914

Sampler: 573

Project ID BGOU13-SWMU4P1

Depth: 0' - 1' BEACMD

LAB COC NO.: 004-SG Station 004SG57

Charge Number 80001.11.13.04.01.05 Turnaround 28 Day

Data/Deliverables Level IV Level IV

Hazard Codes

Sample Desc: 6325W - 1550S Unbiased

SGA-BEACMD Matrix: GAS

Bottle: Ziploc Bag containing Soil Gas Analyzer

SOW Numbers: BGOU13-03 NA
PER LAB VOCs

Miscellaneous:

Sample Relinquished By	Date/Time
Received By <i>Kenny Iffels</i>	10-9-12/1430
Sample Relinquished By	Date/Time
Received By	10-10-12/1000
Sample Relinquished By	Date/Time
Received By	Date/Time
Sample Relinquished By	Date/Time
Received By	Date/Time



SWMU 4 Soil Gas Analyzers

Sample ID 00458GA001

Date/Time Sampled 10-9-12 / 0915

Sampler: AS

Project ID BGOU13-SWMU4P1

Depth: 0' - 1'

BEACMD

LAB COC NO.: 004-SG

Station 004SG58

Charge Number 80001.11.13.04.01.05

Turnaround 28 Day

Data/Deliverables Level IV

Level IV

Hazard Codes

Sample Desc: 6250W - 1550S Unbiased

SGA-BEACMD

Matrix: GAS

Bottle: Ziploc Bag
containing Soil Gas
Analyzer

1

SOW Numbers: BGOU13-03 NA
| PER LAB VOCs

Miscellaneous:

Sample Relinquished By

Date/Time 10-9-12 / 1430

Received By Kenny Ipeck

Date/Time 10-10-12 / 1000

Sample Relinquished By

Date/Time

Received By

Date/Time

Sample Relinquished By

Date/Time

Received By

Date/Time



SWMU 4 Soil Gas Analyzers

Sample ID 00459GA001

Date/Time Sampled 10-9-12 / 0919

Project ID BGOU13-SWMU4P1

Depth: 0' - 1'

LAB COC NO.: 004-SG Station 004SG59 BEACMD

Charge Number 80001.11.13.04.01.05 Turnaround 28 Day

Data/Deliverables Level IV Level IV

Hazard Codes

SGA-BEACMD

Matrix: GAS

Bottle: Ziploc Bag containing Soil Gas Analyzer

SOW Numbers: BGOU13-03 NA

(PER LAB VOCs)

Miscellaneous: Dup 00459GA001-D

Sample Relinquished By		Date/Time	10-9-12 / 1430
Received By	Kenny Igencho	Date/Time	10-10-12 / 1000
Sample Relinquished By		Date/Time	
Received By		Date/Time	
Sample Relinquished By		Date/Time	
Received By		Date/Time	

Sample Desc: 6224W - 1533S Biased, run duplicate



SWMU 4 Soil Gas Analyzers

Sample ID 00460GA001

Date/Time Sampled 10-9-12 / 0930

Project ID BGOU13-SWMU4P1

Depth: 0' - 1'

LAB COC NO.: 004-SG Station 004SG60

Charge Number 80001.11.13.04.01.05 Turnaround 28 Day

Data/Deliverables Level IV Level IV

Hazard Codes

SGA-BEACMD

Matrix: GAS

Bottle: Ziploc Bag containing Soil Gas Analyzer

SOW Numbers: BGOU13-03 NA
PER LAB VOCs

Miscellaneous:

Sample Relinquished By	<i>[Signature]</i>	Date/Time	10-9-12 / 1430
Received By	<i>Kenny Ifeachwe</i>	Date/Time	10-10-12 / 1000
Sample Relinquished By		Date/Time	
Received By		Date/Time	
Sample Relinquished By		Date/Time	
Received By		Date/Time	

Sample Desc: 6175W - 1550S Unbiased



SWMU 4 Soil Gas Analyzers

Sample ID: 00461GA001

Date/Time Sampled: 10-9-12 / 0917

Project ID: BGOU13-SWMU4P1

Depth: 0' - 1'

LAB COC NO.: 004-SG

Charge Number: 80001.11.13.04.01.05

Data/Deliverables: Level IV

Hazard Codes: Level IV

Sampler: 93

Station: 004SG61

Turnaround: 28 Day

Level: IV

Sample Relinquished By: [Signature]

Received By: Kenny Ipecho

Sample Relinquished By: _____

Received By: _____

Sample Relinquished By: _____

Received By: _____

Sample Relinquished By: _____

Received By: _____

Date/Time: 10-9-12/1430

Date/Time: 10-10-12 / 1000

Date/Time: _____

Date/Time: _____

Date/Time: _____

Date/Time: _____

Sample Desc: 6313W - 1578S Biased

SGA-BEACMD

Matrix: GAS

Bottle: Ziploc Bag containing Soil Gas Analyzer

SOW Numbers: BGOU13-03

PER LAB: NA

VOCs: _____

Miscellaneous: _____



SWMU 4 Soil Gas Analyzers

Sample ID: 00462GA001

Date/Time Sampled: 10-9-12 / 0921 Sampler: 93

Project ID: BGOU13-SWMU4P1

Depth: 0' - 1' BEACMD

LAB COC NO.: 004-SG Station: 004SG62

Charge Number: 80001.11.13.04.01.05 Turnaround: 28 Day

Data/Deliverables: Level IV Level IV

Hazard Codes: _____

Sample Relinquished By: _____ Date/Time: 10-9-12 / 1430

Received By: *Kenny Speach* Date/Time: 10-10-12 / 1000

Sample Relinquished By: _____ Date/Time: _____

Received By: _____ Date/Time: _____

Sample Relinquished By: _____ Date/Time: _____

Received By: _____ Date/Time: _____

Sample Desc: 6135W - 1560S Blased, near pipe

SGA-BEACMD Matrix: GAS

Bottle: Ziploc Bag containing Soil Gas Analyzer

SOW Numbers: BGOU13-03 NA

PER LAB: _____ VOCs

Miscellaneous: _____



Sample Chain of Custody Record

SWMU 4 Soil Gas Analyzers

Sample ID 00463GA001

Date/Time Sampled 10-9-12 / 0932

Sampler: 96

Project ID BGOU13-SWMU4P1

Depth: 0' - 1'

BEACMD

LAB COC NO.: 004-SG Station 004SG63

Charge Number 80001.11.13.04.01.05 Turnaround 28 Day

Data/Deliverables Level IV Level IV

Hazard Codes

Sample Desc: 6100W - 1550S Unbiased, near pipe

SGA-BEACMD

Matrix: GAS

1
Bottle: Ziploc Bag
containing Soil Gas
Analyzer

SOW Numbers: BGOU13-03

NA

(PER LAB

VOCs

Miscellaneous:

Sample Relinquished By

Date/Time 10-9-12/1430

Received By

Kenny Speed

Date/Time 10-10-12/1000

Sample Relinquished By

Date/Time

Received By

Date/Time

Sample Relinquished By

Date/Time

Received By

Date/Time



SWMU 4 Soil Gas Analyzers

Sample ID 00464GA001

Date/Time Sampled 10-9-12 / 0923

Sampler: SA

Project ID BGOU13-SWMU4P1

Depth: 0' - 1' BEACMD

LAB COC NO.: 004-SG Station 004SG64

Charge Number 80001.11.13.04.01.05 Turnaround 28 Day

Data/Deliverables Level IV Level IV

Hazard Codes

Sample Desc: 6025W - 1550S Unbiased, near pipe

SGA-BEACMD

Matrix: GAS

Bottle: Ziploc Bag
containing Soil Gas
Analyzer

SOW Numbers: BGOU13-03

NA

VOCs

Miscellaneous:

Sample Relinquished By		Date/Time	10-9-12 / 1430
Received By	Kenny Tpeachs	Date/Time	10-10-12 / 1000
Sample Relinquished By		Date/Time	
Received By		Date/Time	
Sample Relinquished By		Date/Time	
Received By		Date/Time	



SWMU 4 Soil Gas Analyzers

Sample ID 00465GA001

Date/Time Sampled 10-9-13 / 0934

Project ID BGOU13-SWMU4P1

Depth: 6' - 1'

LAB COC NO.: 004-SG Station 004SG65

Charge Number 80001.11.13.04.01.05 Turnaround 28 Day

Data/Deliverables Level IV Level IV

Hazard Codes

SGA-BEACMD

Matrix: GAS

Bottle: Ziploc Bag containing Soil Gas Analyzer

SOW Numbers: BGOU13-03 NA
PER LAB VOCs

Miscellaneous:

Sample Relinquished By		Date/Time	10-9-12/1430
Received By	<i>Kenny Traylor</i>	Date/Time	10-10-12/1000
Sample Relinquished By		Date/Time	
Received By		Date/Time	
Sample Relinquished By		Date/Time	
Received By		Date/Time	

Sample Desc: 5950W - 1550S Unbiased