




MEMORANDUM

To: Mike Reinhardt REF. No.: 070181

FROM: Angela Bown/bjw/2-NF  DATE: October 14, 2014

RE: **Analytical Results and Full Validation
Soil Investigation
Ellis Road Superfund Site
Jacksonville, Florida
August 2014**

1.0 Introduction

The following document details a validation of analytical results for soil samples collected in support of the Soil Investigation at the Ellis Road Site during August 2014. Samples were submitted to ALS Environmental, Inc. (ALS) located in Jacksonville, Florida. A sample collection and analysis summary is presented in Table 1. The validated analytical results are summarized in Table 2. A summary of the analytical methodology is presented in Table 3.

Evaluation of the data was based on information obtained from the finished data sheets, raw data, chain of custody forms, calibration data, blank data, duplicate data, recovery data from surrogate spikes, laboratory control samples (LCS), matrix spike (MS) samples, and field quality assurance/quality control (QA/QC) samples. The assessment of analytical and in-house data included checks for: data consistency (by observing comparability of duplicate analyses), adherence to accuracy and precision criteria, and transmittal errors.

The QA/QC criteria by which these data have been assessed are outlined in the analytical methods referenced in Table 3 and applicable guidance from the documents entitled:

- i) "Quality Assurance Project Plan, Ellis Road Superfund Site", April 2013.
- ii) "United States Environmental Protection Agency (USEPA) Contract Laboratory Program National Functional Guidelines for Superfund Organic Methods Data Review", USEPA 540-R-08-01, June 2008

Item ii) will subsequently be referred to as the "Guidelines" in this Memorandum.

Full Contract Laboratory Program (CLP) equivalent raw data deliverables were provided by the laboratory. The data quality assessment and validation presented in the following subsections were performed based on the sample results, supporting QA/QC, and all raw data provided.

2.0 Sample Holding Time and Preservation

Sample holding times for polychlorinated biphenyls (PCBs) in soil samples are no longer specified in the method and were not evaluated.

The sample preservation requirements for the analyses are summarized in Table 3. All samples were properly preserved, delivered on ice, and stored by the laboratory at the required temperature (0-6°C).

3.0 Initial Calibration - Organic Analyses

GC

In order to quantify organic compounds of interest by GC, calibration of the gas chromatograph over a specific concentration range must be performed. Initially, a calibration curve consisting of a minimum of five concentration levels is analyzed for all single component compounds of interest and for polychlorinated biphenyls (PCBs) (Aroclors 1016 and 1260). A single calibration standard is analyzed for all other multi-response compounds. Linearity of the calibration curve is acceptable if all relative standard deviation (RSD) values are less than or equal to 20.0 percent or if the correlation coefficient (R) is 0.99 or greater for linear regression and quadratic curves.

Retention time windows are also calculated from the initial calibration analyses. These windows are then used to identify all compounds of interest in subsequent analyses.

All initial calibration standards were analyzed at the required frequencies. All retention time, peak resolution, and linearity criteria were satisfied as specified in the method.

4.0 Continuing Calibration - Organic Analyses

GC

To ensure that the calibration of the instrument for organic analyses by GC is valid throughout the sample analysis period, continuing calibration standards are analyzed and evaluated on a regular basis. To evaluate the continued linearity of the calibration, percent difference (%D) values are calculated for each compound. As specified in the methods, opening %D values should not exceed 15.0 percent and closing %D values should not exceed 50.0 percent. To ensure that compound retention times do not vary over the analysis period, all retention times for continuing calibration compounds must fall within the established retention time windows.

All continuing calibration standards were analyzed at the required frequency. Most %D values and all compound retention times met the above criteria indicating acceptable instrument calibration throughout

the analysis period. Table 4 presents the data that were qualified due to outlying continuing calibration results.

5.0 Laboratory Blank Analyses

Method blanks are prepared from a purified matrix and analyzed with investigative samples to determine the existence and magnitude of sample contamination introduced during the analytical procedures.

For this study, laboratory method blanks were analyzed at a minimum frequency of 1 per 20 investigative samples and/or 1 per analytical batch.

All method blank results were non-detect, indicating that laboratory contamination was not a factor for this investigation.

6.0 Surrogate Spike Recoveries

In accordance with the methods employed, all samples, blanks, and QC samples analyzed for organics are spiked with surrogate compounds prior to sample extraction and analysis. Surrogate recoveries provide a means to evaluate the effects of laboratory performance on individual sample matrices.

All samples submitted for PCB determinations were spiked with the appropriate number of surrogate compounds prior to sample extraction and analysis.

Surrogate recoveries were assessed against laboratory control limits. All surrogate recoveries were within the laboratory control limits.

7.0 Laboratory Control Sample Analyses

LCS and/or laboratory control sample duplicates (LCSD) are prepared and analyzed as samples to assess the analytical efficiencies of the methods employed, independent of sample matrix effects. The relative percent difference (RPD) of the LCS/LCSD recoveries is used to evaluate analytical precision.

For this study, LCS/LCSD were analyzed at a minimum frequency of 1 per 20 investigative samples and/or 1 per analytical batch.

The LCS/LCSD contained the compounds specified in the method. All LCS recoveries and RPDs were within the laboratory control limits, demonstrating acceptable analytical accuracy and precision.

8.0 Matrix Spike/Matrix Spike Duplicate (MS/MSD) Analyses

To evaluate the effects of sample matrices on the extraction or digestion process, measurement procedures, and accuracy of a particular analysis, samples are spiked with a known concentration of the analyte of concern and analyzed as MS/MSD samples. The RPD between the MS and MSD is used to assess analytical precision.

If the original sample concentration is significantly greater than the spike concentration, the recovery is not assessed. Non-detect sample results associated with high MS/MSD recoveries or RPDs were not qualified. Non-detect data would not be impacted by the indicated high bias/variability.

If only the MS or MSD recovery was outside of control limits, no qualification of the data was performed based on the acceptable recovery of the companion spike and the acceptable RPD.

MS/MSD analyses were performed as specified in Table 1.

The MS/MSD samples were spiked with the compounds specified in the method. All percent recoveries and RPD values were within the laboratory control limits, demonstrating acceptable analytical accuracy and precision.

9.0 Field QA/QC Samples

The field QA/QC consisted of 4 rinse blank samples and 5 field duplicate sample sets.

Rinse Blank Sample Analysis

To assess field decontamination procedures, ambient conditions at the site, and cleanliness of sample containers, 4 rinse blanks were submitted for analysis, as identified in Table 1. All results were non-detect for the analytes of interest.

Field Duplicate Sample Analysis

To assess the analytical and sampling protocol precision, 5 field duplicate sample sets were collected and submitted "blind" to the laboratory, as specified in Table 1. The RPDs associated with these duplicate samples must be less than 100 percent for soil samples. If the reported concentration in either the investigative sample or its duplicate is less than five times the practical quantitation limit (PQL), the evaluation criterion is two times the PQL value for soil samples.

All field duplicate results were within acceptable agreement, demonstrating acceptable sampling and analytical precision.

10.0 Analyte Reporting

The laboratory reported detected results down to the laboratory's method detection limit (MDL) for each analyte. Positive analyte detections less than the PQL but greater than the MDL were qualified as estimated (J) in Table 2 unless qualified otherwise in this memorandum. Non-detect results were presented as non-detect at the PQL in Table 2.

All soil results were reported on a dry weight basis.

11.0 Target Compound Identification

To minimize erroneous compound identification during organic analyses, qualitative criteria including compound retention time were evaluated according to the identification criteria established by the method. The samples identified in Table 1 were reviewed. PCB analyses were performed using dual column analyses. In general, the PCB results showed good correlation between the two columns. Variability was observed between some of the results, and the associated data were qualified as estimated (see Table 5).

12.0 Conclusion

Based on the assessment detailed in the foregoing, the data summarized in Table 2 are acceptable with the specific qualifications noted herein.

TABLE 1

SAMPLE COLLECTION AND ANALYSIS SUMMARY
SOIL INVESTIGATION
ELLIS ROAD SUPERFUND SITE
JACKSONVILLE, FLORIDA
AUGUST 2014

<u>Analysis/Parameters</u>								
Sample Identification	Location	Matrix	Initial Sample Depth (ft. bgs.)	Final Sample Depth (ft. bgs.)	Collection Date (mm/dd/yyyy)	Collection Time (hr:min)	PCBs	Comments
<u>ALS Job Number: J1406083</u>								
C-081114-DHW-001	BH-68	Soil	0	0.333	08/11/2014	13:15:00	X	MS/MSD
C-081114-DHW-002	BH-69	Soil	0	0.333	08/11/2014	13:35:00	X	
C-081114-DHW-003	BH-32	Soil	0	0.333	08/11/2014	13:50:00	X	
C-081114-DHW-004	BH-41	Soil	0	0.333	08/11/2014	14:20:00	X	
C-081114-DHW-005	BH-42	Soil	0	0.333	08/11/2014	14:40:00	X	
C-081114-DHW-006	BH-42	Soil	0	0.333	08/11/2014	14:50:00	X	
S-081114-DHW-001	BH-68	Soil	0.333	1	08/11/2014	13:20:00	X	C-081114-DHW-005
S-081114-DHW-002	BH-68	Soil	1	2	08/11/2014	13:25:00	X	
S-081114-DHW-005	BH-69	Soil	0.333	1	08/11/2014	13:37:00	X	
S-081114-DHW-006	BH-69	Soil	1	2	08/11/2014	13:39:00	X	
S-081114-DHW-009	BH-32	Soil	0.333	1	08/11/2014	13:52:00	X	
S-081114-DHW-010	BH-32	Soil	1	2	08/11/2014	13:54:00	X	
S-081114-DHW-013	BH-41	Soil	0.333	1	08/11/2014	14:22:00	X	
S-081114-DHW-014	BH-41	Soil	1	2	08/11/2014	14:24:00	X	
S-081114-DHW-017	BH-42	Soil	0.333	1	08/11/2014	14:42:00	X	
S-081114-DHW-018	BH-42	Soil	1	2	08/11/2014	14:44:00	X	
RB-081114-DHW-001	EQUIPMENT BLANK	WQC	-	-	08/11/2014	15:50:00	X	
<u>ALS Job Number: J1406085</u>								
S-081214-DHW-021	BH-46	Soil	0.5	1	08/12/2014	08:40:00	X	
S-081214-DHW-022	BH-46	Soil	1	2	08/12/2014	08:42:00	X	
S-081214-DHW-023	BH-46	Soil	2	3	08/12/2014	08:44:00	X	
S-081214-DHW-025	BH-47	Soil	0.666	1	08/12/2014	09:00:00	X	
S-081214-DHW-026	BH-47	Soil	1	2	08/12/2014	09:02:00	X	

TABLE 1

SAMPLE COLLECTION AND ANALYSIS SUMMARY
SOIL INVESTIGATION
ELLIS ROAD SUPERFUND SITE
JACKSONVILLE, FLORIDA
AUGUST 2014

							Analysis/Parameters	
Sample Identification	Location	Matrix	Initial Sample Depth (ft. bgs.)	Final Sample Depth (ft. bgs.)	Collection Date (mm/dd/yyyy)	Collection Time (hr:min)	PCBs	Comments
ALS Job Number: J1406085								
S-081214-DHW-027	BH-47	Soil	2	3	08/12/2014	09:04:00	X	
S-081214-DHW-028	BH-47	Soil	3	4	08/12/2014	09:06:00	X	
S-081214-DHW-029	BH-48	Soil	0.666	1	08/12/2014	09:15:00	X	
S-081214-DHW-030	BH-48	Soil	1	2	08/12/2014	09:17:00	X	
S-081214-DHW-031	BH-48	Soil	2	3	08/12/2014	09:19:00	X	
S-081214-DHW-032	BH-48	Soil	3	4	08/12/2014	09:21:00	X	
S-081214-DHW-033	BH-49	Soil	0.8333	1	08/12/2014	09:54:00	X	
S-081214-DHW-034	BH-49	Soil	1	2	08/12/2014	09:56:00	X	
S-081214-DHW-035	BH-49	Soil	2	3	08/12/2014	09:58:00	X	
S-081214-DHW-036	BH-49	Soil	3	4	08/12/2014	10:00:00	X	
S-081214-DHW-037	BH-50	Soil	1	2	08/12/2014	10:20:00	X	
S-081214-DHW-038	BH-50	Soil	2	3	08/12/2014	10:22:00	X	
S-081214-DHW-039	BH-50	Soil	3	4	08/12/2014	10:24:00	X	
S-081214-DHW-040	BH-51	Soil	0.666	1	08/12/2014	10:40:00	X	
S-081214-DHW-041	BH-51	Soil	1	2	08/12/2014	10:42:00	X	MS/MSD
S-081214-DHW-042	BH-51	Soil	2	3	08/12/2014	10:44:00	X	
S-081214-DHW-043	BH-51	Soil	3	4	08/12/2014	10:46:00	X	
S-081214-DHW-044	BH-52	Soil	0.666	1	08/12/2014	11:30:00	X	
S-081214-DHW-045	BH-52	Soil	0.666	1	08/12/2014	11:32:00	X	S-081214-DHW-044
S-081214-DHW-046	BH-52	Soil	1	2	08/12/2014	11:34:00	X	MS/MSD
S-081214-DHW-047	BH-52	Soil	2	3	08/12/2014	11:36:00	X	
S-081214-DHW-049	BH-53	Soil	0.8333	1	08/12/2014	11:58:00	X	
S-081214-DHW-050	BH-53	Soil	1	2	08/12/2014	12:00:00	X	
S-081214-DHW-051	BH-53	Soil	2	3	08/12/2014	12:02:00	X	

TABLE 1

SAMPLE COLLECTION AND ANALYSIS SUMMARY
SOIL INVESTIGATION
ELLIS ROAD SUPERFUND SITE
JACKSONVILLE, FLORIDA
AUGUST 2014

<u>Analysis/Parameters</u>								
Sample Identification	Location	Matrix	Initial Sample Depth (ft. bgs.)	Final Sample Depth (ft. bgs.)	Collection Date (mm/dd/yyyy)	Collection Time (hr:min)	PCBs	Comments
<u>ALS Job Number: J1406085</u>								
S-081214-DHW-052	BH-53	Soil	3	4	08/12/2014	12:04:00	X	
S-081214-DHW-053	BH-62	Soil	0.666	1	08/12/2014	13:50:00	X	
S-081214-DHW-054	BH-62	Soil	1	2	08/12/2014	13:52:00	X	
S-081214-DHW-055	BH-62	Soil	2	3	08/12/2014	13:54:00	X	
S-081214-DHW-056	BH-62	Soil	3	4	08/12/2014	13:56:00	X	
S-081214-DHW-057	BH-63	Soil	0.8333	1	08/12/2014	14:06:00	X	
S-081214-DHW-058	BH-63	Soil	1	2	08/12/2014	14:08:00	X	
S-081214-DHW-059	BH-63	Soil	2	3	08/12/2014	14:10:00	X	
S-081214-DHW-060	BH-63	Soil	3	4	08/12/2014	14:12:00	X	
S-081214-DHW-061	BH-54	Soil	0.8333	1	08/12/2014	14:30:00	X	
S-081214-DHW-062	BH-54	Soil	1	2	08/12/2014	14:32:00	X	
S-081214-DHW-065	BH-55	Soil	1	2	08/12/2014	14:46:00	X	
S-081214-DHW-068	BH-56	Soil	1	2	08/12/2014	15:05:00	X	
S-081214-DHW-071	BH-58	Soil	0.8333	1	08/12/2014	15:40:00	X	
S-081214-DHW-072	BH-58	Soil	1	2	08/12/2014	15:42:00	X	
RB-081214-DHW-002	EQUIPMENT BLANK	WQC	-	-	08/12/2014	16:00:00	X	
<u>ALS Job Number: J1406178</u>								
S-081314-DWH-075	BH-57	Soil	0.5	1	08/13/2014	09:02:00	X	
S-081314-DWH-076	BH-57	Soil	0.5	1	08/13/2014	09:04:00	X	S-081314-DWH-075
S-081314-DWH-077	BH-57	Soil	1	2	08/13/2014	09:06:00	X	
S-081314-DWH-078	BH-57	Soil	2	3	08/13/2014	09:08:00	X	
S-081314-DWH-079	BH-57	Soil	3	4	08/13/2014	09:10:00	X	
S-081314-DWH-080	BH-65	Soil	0.5	1	08/13/2014	09:22:00	X	

TABLE 1

SAMPLE COLLECTION AND ANALYSIS SUMMARY
SOIL INVESTIGATION
ELLIS ROAD SUPERFUND SITE
JACKSONVILLE, FLORIDA
AUGUST 2014

<u>Analysis/Parameters</u>								
Sample Identification	Location	Matrix	Initial Sample Depth (ft. bgs.)	Final Sample Depth (ft. bgs.)	Collection Date (mm/dd/yyyy)	Collection Time (hr:min)	PCBs	Comments
<u>ALS Job Number: J1406178</u>								
S-081314-DWH-081	BH-65	Soil	1	2	08/13/2014	09:24:00	X	MS/MSD
S-081314-DWH-082	BH-65	Soil	2	3	08/13/2014	09:26:00	X	
S-081314-DWH-083	BH-65	Soil	3	4	08/13/2014	09:28:00	X	
S-081314-DWH-084	BH-66	Soil	0.666	1	08/13/2014	09:36:00	X	S-081314-DWH-086
S-081314-DWH-085	BH-66	Soil	1	2	08/13/2014	09:38:00	X	
S-081314-DWH-086	BH-66	Soil	2	3	08/13/2014	09:40:00	X	
S-081314-DWH-087	BH-66	Soil	2	3	08/13/2014	09:42:00	X	MS/MSD
S-081314-DWH-088	BH-66	Soil	3	4	08/13/2014	09:44:00	X	
S-081314-DWH-099	BH-40	Soil	1	2	08/13/2014	13:20:00	X	
S-081314-DWH-103	BH-43	Soil	0	1	08/13/2014	13:42:00	X	MS/MSD
S-081314-DWH-104	BH-43	Soil	1	2	08/13/2014	13:44:00	X	
S-081314-DWH-105	BH-43	Soil	2	3	08/13/2014	13:46:00	X	
S-081314-DWH-106	BH-43	Soil	2	3	08/13/2014	13:48:00	X	S-081314-DWH-105
S-081314-DWH-107	BH-43	Soil	3	4	08/13/2014	13:50:00	X	
S-081314-DWH-108	BH-44	Soil	0	1	08/13/2014	14:15:00	X	
S-081314-DWH-109	BH-44	Soil	1	2	08/13/2014	14:17:00	X	MS/MSD
S-081314-DWH-112	BH-45	Soil	0	1	08/13/2014	14:30:00	X	
S-081314-DWH-113	BH-45	Soil	1	2	08/13/2014	14:32:00	X	
RB-081314-DWH-003	EQUIPMENT BLANK	WQC	-	-	08/13/2014	14:50:00	X	
<u>ALS Job Number: J1406179</u>								
S-081414-DWH-116	BH-33	Soil	0.25	1	08/14/2014	08:30:00	X	
S-081414-DWH-117	BH-33	Soil	1	2	08/14/2014	08:32:00	X	
S-081414-DWH-120	BH-34	Soil	0	1	08/14/2014	08:50:00	X	

TABLE 1

SAMPLE COLLECTION AND ANALYSIS SUMMARY
SOIL INVESTIGATION
ELLIS ROAD SUPERFUND SITE
JACKSONVILLE, FLORIDA
AUGUST 2014

							<u>Analysis/Parameters</u>		
<i>Sample Identification</i>	<i>Location</i>	<i>Matrix</i>	<i>Initial Sample Depth (ft. bgs.)</i>	<i>Final Sample Depth (ft. bgs.)</i>	<i>Collection Date (mm/dd/yyyy)</i>	<i>Collection Time (hr:min)</i>	<i>PCBs</i>		<i>Comments</i>
<u>ALS Job Number: J1406179</u>									
S-081414-DWH-121	BH-34	Soil	1	2	08/14/2014	08:52:00	X		
S-081414-DWH-124	BH-38	Soil	0	1	08/14/2014	09:05:00	X		
S-081414-DWH-125	BH-38	Soil	1	2	08/14/2014	09:07:00	X		
S-081414-DWH-128	BH-39	Soil	0	1	08/14/2014	09:20:00	X		
S-081414-DWH-129	BH-39	Soil	1	2	08/14/2014	09:22:00	X		
S-081414-DWH-132	BH-59	Soil	0.5	1	08/14/2014	10:02:00	X		
S-081414-DWH-133	BH-59	Soil	1	2	08/14/2014	10:04:00	X		
S-081414-DWH-136	BH-35	Soil	0.5	1	08/14/2014	10:20:00	X		
S-081414-DWH-137	BH-35	Soil	1	2	08/14/2014	10:22:00	X		
S-081414-DWH-140	BH-36	Soil	0	1	08/14/2014	10:40:00	X		
S-081414-DWH-141	BH-36	Soil	1	2	08/14/2014	10:42:00	X		
S-081414-DWH-144	BH-37	Soil	0	1	08/14/2014	10:55:00	X		
S-081414-DWH-145	BH-37	Soil	1	2	08/14/2014	10:57:00	X		
RB-081414-DWH-004	EQUIPMENT BLANK	WQC	-	-	08/14/2014	11:45:00	X		

Notes:

- ft. bgs. - Feet below ground surface
MS/MSD - Matrix Spike/Matrix Spike Duplicate
PCBS - Polychlorinated Biphenyls
WQC - Water Quality Control Sample

TABLE 2

**ANALYTICAL RESULTS SUMMARY
SOIL INVESTIGATION
ELLIS ROAD SUPERFUND SITE
JACKSONVILLE, FLORIDA
AUGUST 2014**

Sample Location:		BH-32	BH-32	BH-32	BH-33	BH-33	BH-34
Sample ID:		C-081114-DHW-003	S-081114-DHW-009	S-081114-DHW-010	S-081414-DWH-116	S-081414-DWH-117	S-081414-DWH-120
Sample Date:		8/11/2014	8/11/2014	8/11/2014	8/14/2014	8/14/2014	8/14/2014
Sample Depth:		(0-0.333) ft BGS	(0.333-1) ft BGS	(1-2) ft BGS	(0.25-1) ft BGS	(1-2) ft BGS	(0-1) ft BGS
Parameters		Units					
Polychlorinated Biphenyls							
Aroclor-1016 (PCB-1016)	mg/kg	0.035 U	0.038 U	0.038 U	0.036 U	0.035 U	0.036 U
Aroclor-1221 (PCB-1221)	mg/kg	0.035 U	0.038 U	0.038 U	0.036 U	0.035 U	0.036 U
Aroclor-1232 (PCB-1232)	mg/kg	0.035 U	0.038 U	0.038 U	0.036 U	0.035 U	0.036 U
Aroclor-1242 (PCB-1242)	mg/kg	0.035 U	0.038 U	0.038 U	0.036 U	0.035 U	0.036 U
Aroclor-1248 (PCB-1248)	mg/kg	0.035 U	0.038 U	0.038 U	0.036 U	0.035 U	0.036 U
Aroclor-1254 (PCB-1254)	mg/kg	0.035 U	0.038 U	0.038 U	38 J	0.035 UJ	5.2 J
Aroclor-1260 (PCB-1260)	mg/kg	0.095	0.043	0.038 U	98	0.15	13

TABLE 2

**ANALYTICAL RESULTS SUMMARY
SOIL INVESTIGATION
ELLIS ROAD SUPERFUND SITE
JACKSONVILLE, FLORIDA
AUGUST 2014**

<i>Sample Location:</i>		<i>BH-34</i>	<i>BH-35</i>	<i>BH-35</i>	<i>BH-36</i>	<i>BH-36</i>	<i>BH-37</i>
<i>Sample ID:</i>		<i>S-081414-DWH-121</i>	<i>S-081414-DWH-136</i>	<i>S-081414-DWH-137</i>	<i>S-081414-DWH-140</i>	<i>S-081414-DWH-141</i>	<i>S-081414-DWH-144</i>
<i>Sample Date:</i>		<i>8/14/2014</i>	<i>8/14/2014</i>	<i>8/14/2014</i>	<i>8/14/2014</i>	<i>8/14/2014</i>	<i>8/14/2014</i>
<i>Sample Depth:</i>		<i>(1-2) ft BGS</i>	<i>(0.5-1) ft BGS</i>	<i>(1-2) ft BGS</i>	<i>(0-1) ft BGS</i>	<i>(1-2) ft BGS</i>	<i>(0-1) ft BGS</i>
<i>Parameters</i>	<i>Units</i>						
<i>Polychlorinated Biphenyls</i>							
Aroclor-1016 (PCB-1016)	mg/kg	0.038 U	0.037 U	0.038 U	0.040 U	0.041 U	0.038 U
Aroclor-1221 (PCB-1221)	mg/kg	0.038 U	0.037 U	0.038 U	0.040 U	0.041 U	0.038 U
Aroclor-1232 (PCB-1232)	mg/kg	0.038 U	0.037 U	0.038 U	0.040 U	0.041 U	0.038 U
Aroclor-1242 (PCB-1242)	mg/kg	0.038 U	0.037 U	0.038 U	0.040 U	0.041 U	0.038 U
Aroclor-1248 (PCB-1248)	mg/kg	0.038 U	0.037 U	0.038 U	0.040 U	0.041 U	0.038 U
Aroclor-1254 (PCB-1254)	mg/kg	0.038 UJ	0.037 UJ	0.038 UJ	0.040 UJ	0.041 UJ	0.038 UJ
Aroclor-1260 (PCB-1260)	mg/kg	0.038 U	0.20	0.038 U	0.040 U	0.041 U	0.023 J

TABLE 2

**ANALYTICAL RESULTS SUMMARY
SOIL INVESTIGATION
ELLIS ROAD SUPERFUND SITE
JACKSONVILLE, FLORIDA
AUGUST 2014**

<i>Sample Location:</i>		<i>BH-37</i>	<i>BH-38</i>	<i>BH-38</i>	<i>BH-39</i>	<i>BH-39</i>	<i>BH-40</i>
<i>Sample ID:</i>		<i>S-081414-DWH-145</i>	<i>S-081414-DWH-124</i>	<i>S-081414-DWH-125</i>	<i>S-081414-DWH-128</i>	<i>S-081414-DWH-129</i>	<i>S-081314-DWH-099</i>
<i>Sample Date:</i>		<i>8/14/2014</i>	<i>8/14/2014</i>	<i>8/14/2014</i>	<i>8/14/2014</i>	<i>8/14/2014</i>	<i>8/13/2014</i>
<i>Sample Depth:</i>		<i>(1-2) ft BGS</i>	<i>(0-1) ft BGS</i>	<i>(1-2) ft BGS</i>	<i>(0-1) ft BGS</i>	<i>(1-2) ft BGS</i>	<i>(1-2) ft BGS</i>
<i>Parameters</i>	<i>Units</i>						
<i>Polychlorinated Biphenyls</i>							
Aroclor-1016 (PCB-1016)	mg/kg	0.037 U	0.040 U	0.041 U	0.040 U	0.039 U	0.047 U
Aroclor-1221 (PCB-1221)	mg/kg	0.037 U	0.040 U	0.041 U	0.040 U	0.039 U	0.047 U
Aroclor-1232 (PCB-1232)	mg/kg	0.037 U	0.040 U	0.041 U	0.040 U	0.039 U	0.047 U
Aroclor-1242 (PCB-1242)	mg/kg	0.037 U	0.040 U	0.041 U	0.040 U	0.039 U	0.047 U
Aroclor-1248 (PCB-1248)	mg/kg	0.037 U	0.040 U	0.041 U	0.040 U	0.039 U	0.047 U
Aroclor-1254 (PCB-1254)	mg/kg	0.037 UJ	0.040 UJ	0.041 UJ	0.040 UJ	0.039 UJ	0.047 U
Aroclor-1260 (PCB-1260)	mg/kg	0.037 U	0.022 J	0.041 U	0.040 U	0.039 U	0.086

TABLE 2

**ANALYTICAL RESULTS SUMMARY
SOIL INVESTIGATION
ELLIS ROAD SUPERFUND SITE
JACKSONVILLE, FLORIDA
AUGUST 2014**

Sample Location:		BH-41	BH-41	BH-41	BH-42	BH-42	BH-42
Sample ID:		C-081114-DHW-004	S-081114-DHW-013	S-081114-DHW-014	C-081114-DHW-005	C-081114-DHW-006	S-081114-DHW-017
Sample Date:		8/11/2014	8/11/2014	8/11/2014	8/11/2014	8/11/2014	8/11/2014
Sample Depth:		(0-0.333) ft BGS	(0.333-1) ft BGS	(1-2) ft BGS	(0-0.333) ft BGS	(0-0.333) ft BGS (Duplicate)	(0.333-1) ft BGS
Parameters	Units						
Polychlorinated Biphenyls							
Aroclor-1016 (PCB-1016)	mg/kg	0.19 U	0.037 U	0.043 U	0.038 U	0.038 U	0.036 U
Aroclor-1221 (PCB-1221)	mg/kg	0.038 U	0.037 U	0.043 U	0.038 U	0.038 U	0.036 U
Aroclor-1232 (PCB-1232)	mg/kg	0.19 U	0.037 U	0.043 U	0.038 U	0.038 U	0.036 U
Aroclor-1242 (PCB-1242)	mg/kg	0.74	0.019 J	0.043 U	0.038 U	0.038 U	0.036 U
Aroclor-1248 (PCB-1248)	mg/kg	0.19 UJ	0.037 U	0.043 U	0.038 U	0.038 U	0.036 U
Aroclor-1254 (PCB-1254)	mg/kg	7.2	0.29	0.043 U	0.038 U	0.038 U	0.036 U
Aroclor-1260 (PCB-1260)	mg/kg	8.5 J	0.27	0.043 U	0.25	0.21	0.087

TABLE 2

**ANALYTICAL RESULTS SUMMARY
SOIL INVESTIGATION
ELLIS ROAD SUPERFUND SITE
JACKSONVILLE, FLORIDA
AUGUST 2014**

<i>Sample Location:</i>		<i>BH-42</i>	<i>BH-43</i>	<i>BH-43</i>	<i>BH-43</i>	<i>BH-43</i>	<i>BH-43</i>
<i>Sample ID:</i>		<i>S-081114-DHW-018</i>	<i>S-081314-DWH-103</i>	<i>S-081314-DWH-104</i>	<i>S-081314-DWH-105</i>	<i>S-081314-DWH-106</i>	<i>S-081314-DWH-107</i>
<i>Sample Date:</i>		<i>8/11/2014</i>	<i>8/13/2014</i>	<i>8/13/2014</i>	<i>8/13/2014</i>	<i>8/13/2014</i>	<i>8/13/2014</i>
<i>Sample Depth:</i>		<i>(1-2) ft BGS</i>	<i>(0-1) ft BGS</i>	<i>(1-2) ft BGS</i>	<i>(2-3) ft BGS</i>	<i>(2-3) ft BGS (Duplicate)</i>	<i>(3-4) ft BGS</i>
<i>Parameters</i>	<i>Units</i>						
<i>Polychlorinated Biphenyls</i>							
Aroclor-1016 (PCB-1016)	mg/kg	0.038 U	0.044 U	0.045 U	0.044 U	0.043 U	0.042 U
Aroclor-1221 (PCB-1221)	mg/kg	0.038 U	0.044 U	0.045 U	0.044 U	0.043 U	0.042 U
Aroclor-1232 (PCB-1232)	mg/kg	0.038 U	0.044 U	0.045 U	0.044 U	0.043 U	0.042 U
Aroclor-1242 (PCB-1242)	mg/kg	0.038 U	0.044 U	0.045 U	0.044 U	0.043 U	0.042 U
Aroclor-1248 (PCB-1248)	mg/kg	0.038 U	0.044 U	0.045 U	0.044 U	0.043 U	0.042 U
Aroclor-1254 (PCB-1254)	mg/kg	0.038 U	0.55 J	0.64 J	0.044 U	0.043 U	0.042 U
Aroclor-1260 (PCB-1260)	mg/kg	0.038 U	1.7	2.2	0.052	0.062	0.020 J

TABLE 2

**ANALYTICAL RESULTS SUMMARY
SOIL INVESTIGATION
ELLIS ROAD SUPERFUND SITE
JACKSONVILLE, FLORIDA
AUGUST 2014**

<i>Sample Location:</i>		<i>BH-44</i>	<i>BH-44</i>	<i>BH-45</i>	<i>BH-45</i>	<i>BH-46</i>	<i>BH-46</i>
<i>Sample ID:</i>		<i>S-081314-DWH-108</i>	<i>S-081314-DWH-109</i>	<i>S-081314-DWH-112</i>	<i>S-081314-DWH-113</i>	<i>S-081214-DHW-021</i>	<i>S-081214-DHW-022</i>
<i>Sample Date:</i>		<i>8/13/2014</i>	<i>8/13/2014</i>	<i>8/13/2014</i>	<i>8/13/2014</i>	<i>8/12/2014</i>	<i>8/12/2014</i>
<i>Sample Depth:</i>		<i>(0-1) ft BGS</i>	<i>(1-2) ft BGS</i>	<i>(0-1) ft BGS</i>	<i>(1-2) ft BGS</i>	<i>(0.5-1) ft BGS</i>	<i>(1-2) ft BGS</i>
<i>Parameters</i>	<i>Units</i>						
<i>Polychlorinated Biphenyls</i>							
Aroclor-1016 (PCB-1016)	mg/kg	0.049 U	0.046 U	0.038 U	0.036 U	0.037 U	0.040 U
Aroclor-1221 (PCB-1221)	mg/kg	0.049 U	0.046 U	0.038 U	0.036 U	0.037 U	0.040 U
Aroclor-1232 (PCB-1232)	mg/kg	0.049 U	0.046 U	0.038 U	0.036 U	0.037 U	0.040 U
Aroclor-1242 (PCB-1242)	mg/kg	0.049 U	0.046 U	0.038 U	0.036 U	0.037 U	0.040 U
Aroclor-1248 (PCB-1248)	mg/kg	0.049 U	0.046 U	0.038 U	0.036 U	0.037 U	0.040 U
Aroclor-1254 (PCB-1254)	mg/kg	0.049 U	0.046 U	0.038 U	0.036 U	0.36 J	0.65 J
Aroclor-1260 (PCB-1260)	mg/kg	0.079	0.046 U	3.3	0.34	1.1	2.2

TABLE 2

**ANALYTICAL RESULTS SUMMARY
SOIL INVESTIGATION
ELLIS ROAD SUPERFUND SITE
JACKSONVILLE, FLORIDA
AUGUST 2014**

Sample Location:		BH-46	BH-47	BH-47	BH-47	BH-47	BH-48
Sample ID:		S-081214-DHW-023	S-081214-DHW-025	S-081214-DHW-026	S-081214-DHW-027	S-081214-DHW-028	S-081214-DHW-029
Sample Date:		8/12/2014	8/12/2014	8/12/2014	8/12/2014	8/12/2014	8/12/2014
Sample Depth:		(2-3) ft BGS	(0.666-1) ft BGS	(1-2) ft BGS	(2-3) ft BGS	(3-4) ft BGS	(0.666-1) ft BGS
Parameters		Units					
Polychlorinated Biphenyls							
Aroclor-1016 (PCB-1016)	mg/kg	0.038 U	0.037 U	0.035 U	0.037 U	0.043 U	0.040 U
Aroclor-1221 (PCB-1221)	mg/kg	0.038 U	0.037 U	0.035 U	0.037 U	0.043 U	0.040 U
Aroclor-1232 (PCB-1232)	mg/kg	0.038 U	0.037 U	0.035 U	0.037 U	0.043 U	0.040 U
Aroclor-1242 (PCB-1242)	mg/kg	0.038 U	0.037 U	0.035 U	0.037 U	0.043 U	0.040 U
Aroclor-1248 (PCB-1248)	mg/kg	0.038 U	0.037 U	0.035 U	0.037 U	0.043 U	0.040 U
Aroclor-1254 (PCB-1254)	mg/kg	0.038 U	0.037 U	3.0 J	0.037 U	0.043 U	0.040 U
Aroclor-1260 (PCB-1260)	mg/kg	0.025 J	0.42	7.8	0.037 U	0.043 U	0.055

TABLE 2

**ANALYTICAL RESULTS SUMMARY
SOIL INVESTIGATION
ELLIS ROAD SUPERFUND SITE
JACKSONVILLE, FLORIDA
AUGUST 2014**

Sample Location:		BH-48	BH-48	BH-48	BH-49	BH-49	BH-49
Sample ID:	S-081214-DHW-030	S-081214-DHW-031	S-081214-DHW-032	S-081214-DHW-033	S-081214-DHW-034	S-081214-DHW-035	
Sample Date:	8/12/2014	8/12/2014	8/12/2014	8/12/2014	8/12/2014	8/12/2014	
Sample Depth:	(1-2) ft BGS	(2-3) ft BGS	(3-4) ft BGS	(0.8333-1) ft BGS	(1-2) ft BGS	(2-3) ft BGS	
Parameters		Units					
Polychlorinated Biphenyls							
Aroclor-1016 (PCB-1016)	mg/kg	0.038 U	0.040 U	0.039 U	0.038 U	0.040 U	
Aroclor-1221 (PCB-1221)	mg/kg	0.038 U	0.040 U	0.039 U	0.038 U	0.040 U	
Aroclor-1232 (PCB-1232)	mg/kg	0.038 U	0.040 U	0.039 U	0.038 U	0.040 U	
Aroclor-1242 (PCB-1242)	mg/kg	0.038 U	0.040 U	0.039 U	0.038 U	0.040 U	
Aroclor-1248 (PCB-1248)	mg/kg	0.038 U	0.040 U	0.039 U	0.038 U	0.040 U	
Aroclor-1254 (PCB-1254)	mg/kg	0.038 U	0.040 U	0.039 U	0.038 U	0.040 U	
Aroclor-1260 (PCB-1260)	mg/kg	0.080	0.040 U	0.16	0.046	0.040 U	

TABLE 2

**ANALYTICAL RESULTS SUMMARY
SOIL INVESTIGATION
ELLIS ROAD SUPERFUND SITE
JACKSONVILLE, FLORIDA
AUGUST 2014**

Sample Location:		BH-49	BH-50	BH-50	BH-50	BH-51	BH-51
Sample ID:		S-081214-DHW-036	S-081214-DHW-037	S-081214-DHW-038	S-081214-DHW-039	S-081214-DHW-040	S-081214-DHW-041
Sample Date:		8/12/2014	8/12/2014	8/12/2014	8/12/2014	8/12/2014	8/12/2014
Sample Depth:		(3-4) ft BGS	(1-2) ft BGS	(2-3) ft BGS	(3-4) ft BGS	(0.666-1) ft BGS	(1-2) ft BGS
Parameters		Units					
Polychlorinated Biphenyls							
Aroclor-1016 (PCB-1016)	mg/kg	0.045 U	0.038 U	0.039 U	0.038 U	0.037 U	0.039 U
Aroclor-1221 (PCB-1221)	mg/kg	0.045 U	0.038 U	0.039 U	0.038 U	0.037 U	0.039 U
Aroclor-1232 (PCB-1232)	mg/kg	0.045 U	0.038 U	0.039 U	0.038 U	0.037 U	0.039 U
Aroclor-1242 (PCB-1242)	mg/kg	0.045 U	0.038 U	0.16 J	0.038 U	0.037 U	0.039 U
Aroclor-1248 (PCB-1248)	mg/kg	0.045 U	0.038 U	0.039 U	0.038 U	0.037 U	0.039 U
Aroclor-1254 (PCB-1254)	mg/kg	0.045 U	0.038 U	0.67 J	0.038 U	0.055 J	0.039 U
Aroclor-1260 (PCB-1260)	mg/kg	0.045 U	0.052	0.93	0.038 U	0.16	0.039 U

TABLE 2

**ANALYTICAL RESULTS SUMMARY
SOIL INVESTIGATION
ELLIS ROAD SUPERFUND SITE
JACKSONVILLE, FLORIDA
AUGUST 2014**

<i>Sample Location:</i>		<i>BH-51</i>	<i>BH-51</i>	<i>BH-52</i>	<i>BH-52</i>	<i>BH-52</i>	<i>BH-52</i>
<i>Sample ID:</i>		<i>S-081214-DHW-042</i>	<i>S-081214-DHW-043</i>	<i>S-081214-DHW-044</i>	<i>S-081214-DHW-045</i>	<i>S-081214-DHW-046</i>	<i>S-081214-DHW-047</i>
<i>Sample Date:</i>		<i>8/12/2014</i>	<i>8/12/2014</i>	<i>8/12/2014</i>	<i>8/12/2014</i>	<i>8/12/2014</i>	<i>8/12/2014</i>
<i>Sample Depth:</i>		<i>(2-3) ft BGS</i>	<i>(3-4) ft BGS</i>	<i>(0.666-1) ft BGS</i>	<i>(0.666-1) ft BGS (Duplicate)</i>	<i>(1-2) ft BGS</i>	<i>(2-3) ft BGS</i>
<i>Parameters</i>	<i>Units</i>						
<i>Polychlorinated Biphenyls</i>							
Aroclor-1016 (PCB-1016)	mg/kg	0.040 U	0.044 U	0.035 U	0.038 U	0.039 U	0.040 U
Aroclor-1221 (PCB-1221)	mg/kg	0.040 U	0.044 U	0.035 U	0.038 U	0.039 U	0.040 U
Aroclor-1232 (PCB-1232)	mg/kg	0.040 U	0.044 U	0.035 U	0.038 U	0.039 U	0.040 U
Aroclor-1242 (PCB-1242)	mg/kg	0.040 U	0.13 J	0.035 U	0.038 U	0.039 U	0.040 U
Aroclor-1248 (PCB-1248)	mg/kg	0.040 U	0.044 U	0.035 U	0.038 U	0.039 U	0.040 U
Aroclor-1254 (PCB-1254)	mg/kg	0.040 U	1.3 J	0.035 U	0.038 U	0.039 U	0.040 U
Aroclor-1260 (PCB-1260)	mg/kg	0.040 U	4.6	0.035 U	0.038 U	0.030 J	0.040 U

TABLE 2

**ANALYTICAL RESULTS SUMMARY
SOIL INVESTIGATION
ELLIS ROAD SUPERFUND SITE
JACKSONVILLE, FLORIDA
AUGUST 2014**

<i>Sample Location:</i>		<i>BH-53</i>	<i>BH-53</i>	<i>BH-53</i>	<i>BH-53</i>	<i>BH-54</i>	<i>BH-54</i>
<i>Sample ID:</i>		<i>S-081214-DHW-049</i>	<i>S-081214-DHW-050</i>	<i>S-081214-DHW-051</i>	<i>S-081214-DHW-052</i>	<i>S-081214-DHW-061</i>	<i>S-081214-DHW-062</i>
<i>Sample Date:</i>		<i>8/12/2014</i>	<i>8/12/2014</i>	<i>8/12/2014</i>	<i>8/12/2014</i>	<i>8/12/2014</i>	<i>8/12/2014</i>
<i>Sample Depth:</i>		<i>(0.8333-1) ft BGS</i>	<i>(1-2) ft BGS</i>	<i>(2-3) ft BGS</i>	<i>(3-4) ft BGS</i>	<i>(0.8333-1) ft BGS</i>	<i>(1-2) ft BGS</i>
<i>Parameters</i>	<i>Units</i>						
<i>Polychlorinated Biphenyls</i>							
Aroclor-1016 (PCB-1016)	mg/kg	0.034 U	0.038 U	0.040 U	0.042 U	0.040 U	0.045 U
Aroclor-1221 (PCB-1221)	mg/kg	0.034 U	0.038 U	0.040 U	0.042 U	0.040 U	0.045 U
Aroclor-1232 (PCB-1232)	mg/kg	0.034 U	0.038 U	0.040 U	0.042 U	0.040 U	0.045 U
Aroclor-1242 (PCB-1242)	mg/kg	0.050 J	0.61	0.040 U	0.042 U	0.040 U	0.045 U
Aroclor-1248 (PCB-1248)	mg/kg	0.034 U	0.038 U	0.040 U	0.042 U	0.040 U	0.045 U
Aroclor-1254 (PCB-1254)	mg/kg	0.040 J	0.14 J	0.040 U	0.042 U	0.052 J	0.045 U
Aroclor-1260 (PCB-1260)	mg/kg	0.059	0.24	0.040 U	0.042 U	0.22	0.18

TABLE 2

**ANALYTICAL RESULTS SUMMARY
SOIL INVESTIGATION
ELLIS ROAD SUPERFUND SITE
JACKSONVILLE, FLORIDA
AUGUST 2014**

<i>Sample Location:</i>		<i>BH-55</i>	<i>BH-56</i>	<i>BH-57</i>	<i>BH-57</i>	<i>BH-57</i>	<i>BH-57</i>
<i>Sample ID:</i>		<i>S-081214-DHW-065</i>	<i>S-081214-DHW-068</i>	<i>S-081314-DWH-075</i>	<i>S-081314-DWH-076</i>	<i>S-081314-DWH-077</i>	<i>S-081314-DWH-078</i>
<i>Sample Date:</i>		<i>8/12/2014</i>	<i>8/12/2014</i>	<i>8/13/2014</i>	<i>8/13/2014</i>	<i>8/13/2014</i>	<i>8/13/2014</i>
<i>Sample Depth:</i>		<i>(1-2) ft BGS</i>	<i>(1-2) ft BGS</i>	<i>(0.5-1) ft BGS</i>	<i>(0.5-1) ft BGS (Duplicate)</i>	<i>(1-2) ft BGS</i>	<i>(2-3) ft BGS</i>
<i>Parameters</i>	<i>Units</i>						
<i>Polychlorinated Biphenyls</i>							
Aroclor-1016 (PCB-1016)	mg/kg	0.038 U	0.035 U	0.036 U	0.033 U	0.037 U	0.042 U
Aroclor-1221 (PCB-1221)	mg/kg	0.038 U	0.035 U	0.036 U	0.033 U	0.037 U	0.042 U
Aroclor-1232 (PCB-1232)	mg/kg	0.038 U	0.035 U	0.036 U	0.033 U	0.037 U	0.042 U
Aroclor-1242 (PCB-1242)	mg/kg	0.038 U	0.035 U	0.036 U	0.033 U	0.037 U	0.042 U
Aroclor-1248 (PCB-1248)	mg/kg	0.038 U	0.035 U	0.036 U	0.033 U	0.037 U	0.042 U
Aroclor-1254 (PCB-1254)	mg/kg	0.038 U	0.035 U	0.47	0.35	0.17	0.042 U
Aroclor-1260 (PCB-1260)	mg/kg	0.097	0.035 U	0.49	0.46	0.37	0.042 U

TABLE 2

**ANALYTICAL RESULTS SUMMARY
SOIL INVESTIGATION
ELLIS ROAD SUPERFUND SITE
JACKSONVILLE, FLORIDA
AUGUST 2014**

Sample Location:		BH-57	BH-58	BH-58	BH-59	BH-59	BH-62
Sample ID:	S-081314-DWH-079	S-081214-DHW-071	S-081214-DHW-072	S-081414-DWH-132	S-081414-DWH-133	S-081214-DHW-053	
Sample Date:	8/13/2014	8/12/2014	8/12/2014	8/14/2014	8/14/2014	8/12/2014	
Sample Depth:	(3-4) ft BGS	(0.8333-1) ft BGS	(1-2) ft BGS	(0.5-1) ft BGS	(1-2) ft BGS	(0.666-1) ft BGS	
Parameters	Units						
Polychlorinated Biphenyls							
Aroclor-1016 (PCB-1016)	mg/kg	0.041 U	0.037 U	0.036 U	0.034 U	0.035 U	0.038 U
Aroclor-1221 (PCB-1221)	mg/kg	0.041 U	0.037 U	0.036 U	0.034 U	0.035 U	0.038 U
Aroclor-1232 (PCB-1232)	mg/kg	0.041 U	0.037 U	0.036 U	0.034 U	0.035 U	0.038 U
Aroclor-1242 (PCB-1242)	mg/kg	0.041 U	0.037 U	0.036 U	0.034 U	0.035 U	0.038 U
Aroclor-1248 (PCB-1248)	mg/kg	0.041 U	0.037 U	0.036 U	0.034 U	0.035 U	0.038 U
Aroclor-1254 (PCB-1254)	mg/kg	0.041 U	0.037 UJ	0.036 UJ	0.034 U	0.035 U	0.038 U
Aroclor-1260 (PCB-1260)	mg/kg	0.041 U	0.037 U	0.036 U	1.2	0.28	0.038 U

TABLE 2

**ANALYTICAL RESULTS SUMMARY
SOIL INVESTIGATION
ELLIS ROAD SUPERFUND SITE
JACKSONVILLE, FLORIDA
AUGUST 2014**

Sample Location:		BH-62	BH-62	BH-62	BH-63	BH-63	BH-63
Sample ID:		S-081214-DHW-054	S-081214-DHW-055	S-081214-DHW-056	S-081214-DHW-057	S-081214-DHW-058	S-081214-DHW-059
Sample Date:		8/12/2014	8/12/2014	8/12/2014	8/12/2014	8/12/2014	8/12/2014
Sample Depth:		(1-2) ft BGS	(2-3) ft BGS	(3-4) ft BGS	(0.8333-1) ft BGS	(1-2) ft BGS	(2-3) ft BGS
Parameters		Units					
Polychlorinated Biphenyls							
Aroclor-1016 (PCB-1016)	mg/kg	0.036 U	0.037 U	0.035 U	0.038 U	0.039 U	0.038 U
Aroclor-1221 (PCB-1221)	mg/kg	0.036 U	0.037 U	0.035 U	0.038 U	0.039 U	0.038 U
Aroclor-1232 (PCB-1232)	mg/kg	0.036 U	0.037 U	0.035 U	0.038 U	0.039 U	0.038 U
Aroclor-1242 (PCB-1242)	mg/kg	0.036 U	0.037 U	0.035 U	0.038 U	0.30	0.038 U
Aroclor-1248 (PCB-1248)	mg/kg	0.036 U	0.037 U	0.035 U	0.038 U	0.039 U	0.038 U
Aroclor-1254 (PCB-1254)	mg/kg	0.036 U	0.037 U	0.035 U	0.051 J	0.052 J	0.038 U
Aroclor-1260 (PCB-1260)	mg/kg	0.036 U	0.037 U	0.035 U	0.087	0.17	0.038 U

TABLE 2

**ANALYTICAL RESULTS SUMMARY
SOIL INVESTIGATION
ELLIS ROAD SUPERFUND SITE
JACKSONVILLE, FLORIDA
AUGUST 2014**

Sample Location:		BH-63	BH-65	BH-65	BH-65	BH-65	BH-66
Sample ID:		S-081214-DHW-060	S-081314-DWH-080	S-081314-DWH-081	S-081314-DWH-082	S-081314-DWH-083	S-081314-DWH-084
Sample Date:		8/12/2014	8/13/2014	8/13/2014	8/13/2014	8/13/2014	8/13/2014
Sample Depth:		(3-4) ft BGS	(0.5-1) ft BGS	(1-2) ft BGS	(2-3) ft BGS	(3-4) ft BGS	(0.666-1) ft BGS
Parameters		Units					
Polychlorinated Biphenyls							
Aroclor-1016 (PCB-1016)	mg/kg	0.041 U	0.034 U	0.038 U	0.045 U	0.042 U	0.041 U
Aroclor-1221 (PCB-1221)	mg/kg	0.041 U	0.034 U	0.038 U	0.045 U	0.042 U	0.041 U
Aroclor-1232 (PCB-1232)	mg/kg	0.041 U	0.034 U	0.038 U	0.045 U	0.042 U	0.041 U
Aroclor-1242 (PCB-1242)	mg/kg	0.041 U	3.6 J	2.4 J	0.0064 J	0.042 U	0.041 U
Aroclor-1248 (PCB-1248)	mg/kg	0.041 U	0.034 U	0.038 U	0.045 U	0.042 U	0.041 U
Aroclor-1254 (PCB-1254)	mg/kg	0.041 U	0.96 J	0.72 J	0.045 U	0.042 U	0.041 U
Aroclor-1260 (PCB-1260)	mg/kg	0.041 U	4.5	3.0	0.020 J	0.042 U	0.041 U

TABLE 2

**ANALYTICAL RESULTS SUMMARY
SOIL INVESTIGATION
ELLIS ROAD SUPERFUND SITE
JACKSONVILLE, FLORIDA
AUGUST 2014**

Sample Location:		BH-66	BH-66	BH-66	BH-66	BH-68
Sample ID:		S-081314-DWH-085	S-081314-DWH-086	S-081314-DWH-087	S-081314-DWH-088	C-081114-DHW-001
Sample Date:		8/13/2014	8/13/2014	8/13/2014	8/13/2014	8/11/2014
Sample Depth:		(1-2) ft BGS	(2-3) ft BGS	(2-3) ft BGS (Duplicate)	(3-4) ft BGS	(0-0.333) ft BGS
Parameters	Units					
Polychlorinated Biphenyls						
Aroclor-1016 (PCB-1016)	mg/kg	0.036 U	0.039 U	0.039 U	0.039 U	0.034 U
Aroclor-1221 (PCB-1221)	mg/kg	0.036 U	0.039 U	0.039 U	0.039 U	0.034 U
Aroclor-1232 (PCB-1232)	mg/kg	0.036 U	0.039 U	0.039 U	0.039 U	0.034 U
Aroclor-1242 (PCB-1242)	mg/kg	0.036 U	0.039 U	0.071 J	0.039 U	0.034 U
Aroclor-1248 (PCB-1248)	mg/kg	0.036 U	0.039 U	0.039 U	0.039 U	0.034 U
Aroclor-1254 (PCB-1254)	mg/kg	0.036 U	0.039 U	0.033 J	0.039 U	0.034 U
Aroclor-1260 (PCB-1260)	mg/kg	0.036 U	0.039 U	0.046	0.018 J	0.016 J

TABLE 2

**ANALYTICAL RESULTS SUMMARY
SOIL INVESTIGATION
ELLIS ROAD SUPERFUND SITE
JACKSONVILLE, FLORIDA
AUGUST 2014**

Sample Location:	BH-68	BH-68	BH-69	BH-69	BH-69
Sample ID:	S-081114-DHW-001	S-081114-DHW-002	C-081114-DHW-002	S-081114-DHW-005	S-081114-DHW-006
Sample Date:	8/11/2014	8/11/2014	8/11/2014	8/11/2014	8/11/2014
Sample Depth:	(0.333-1) ft BGS	(1-2) ft BGS	(0-0.333) ft BGS	(0.333-1) ft BGS	(1-2) ft BGS

Parameters**Units****Polychlorinated Biphenyls**

Aroclor-1016 (PCB-1016)	mg/kg	0.045 U	0.038 U	0.037 U	0.037 U	0.037 U
Aroclor-1221 (PCB-1221)	mg/kg	0.045 U	0.038 U	0.037 U	0.037 U	0.037 U
Aroclor-1232 (PCB-1232)	mg/kg	0.045 U	0.038 U	0.037 U	0.037 U	0.037 U
Aroclor-1242 (PCB-1242)	mg/kg	0.045 U	0.038 U	0.037 U	0.037 U	0.037 U
Aroclor-1248 (PCB-1248)	mg/kg	0.045 U	0.038 U	0.037 U	0.037 U	0.037 U
Aroclor-1254 (PCB-1254)	mg/kg	1.6	0.038 U	0.16	0.037 U	0.037 U
Aroclor-1260 (PCB-1260)	mg/kg	2.4 J	0.14	0.20	0.037 U	0.018 J

Notes:

- U - Not detected at the associated reporting
J - Estimated Concentration
UJ - Not detected; associated reporting limit

TABLE 3

ANALYTICAL METHODS
SOIL INVESTIGATION
ELLIS ROAD SUPERFUND SITE
JACKSONVILLE, FLORIDA
AUGUST 2014

<i>Parameter</i>	<i>Method</i>	<i>Matrix</i>
PCBs	SW-846 8082A	Soil

Notes:

- SW-846 - "Test Methods for Evaluating Solid Waste, Physical/Chemical Methods", SW-846, Third Edition, 1986, with subsequent revisions.
PCBs - Polychlorinated Biphenyls

TABLE 4

QUALIFIED SAMPLE RESULTS DUE TO OUTLYING CONTINUING CALIBRATION RESULTS
SOIL INVESTIGATION
ELLIS ROAD SUPERFUND SITE
JACKSONVILLE, FLORIDA
AUGUST 2014

<i>Parameter</i>	<i>Analyte</i>	<i>Calibration Date</i>	<i>%D</i>	<i>Associated Sample ID</i>	<i>Qualified Result</i>	<i>Units</i>
PCBs	Aroclor-1260 (PCB-1260)	8/19/2014	18	C-081114-DHW-004	8.5 J	mg/Kg
				S-081114-DHW-001	2.4 J	mg/Kg
PCBs	Aroclor-1248 (PCB-1248)	8/18/2014	17	C-081114-DHW-004	0.19 UJ	mg/Kg
PCBs	Aroclor-1254 (PCB-1254)	8/19/2014	20	S-081214-DHW-071	0.037 UJ	mg/Kg
				S-081214-DHW-072	0.036 UJ	mg/Kg
				S-081414-DWH-117	0.035 UJ	mg/Kg
PCBs	Aroclor-1254 (PCB-1254)	8/20/2014	20	S-081414-DWH-121	0.038 UJ	mg/Kg
				S-081414-DWH-124	0.040 UJ	mg/Kg
				S-081414-DWH-125	0.041 UJ	mg/Kg
				S-081414-DWH-128	0.040 UJ	mg/Kg
				S-081414-DWH-129	0.039 UJ	mg/Kg
				S-081414-DWH-136	0.037 UJ	mg/Kg
				S-081414-DWH-137	0.038 UJ	mg/Kg
				S-081414-DWH-140	0.040 UJ	mg/Kg
				S-081414-DWH-141	0.041 UJ	mg/Kg
				S-081414-DWH-144	0.038 UJ	mg/Kg
				S-081414-DWH-145	0.037 UJ	mg/Kg

Notes:

%D - Percent Difference

PCBs - Polychlorinated Biphenyls

J - Estimated Concentration

UJ - Not detected; associated reporting limit is estimated.

TABLE 5

QUALIFIED SAMPLE DATA DUE TO DIFFERENCES IN DUAL COLUMN RESULTS
SOIL INVESTIGATION
ELLIS ROAD SUPERFUND SITE
JACKSONVILLE, FLORIDA
AUGUST 2014

<i>Parameter</i>	<i>Analyte</i>	<i>RPD (percent)</i>	<i>RPD Criteria (percent)</i>	<i>Associated Sample ID</i>	<i>Qualified Result</i>	<i>Units</i>
PCBs	Aroclor-1254 (PCB-1254)	52	40	S-081214-DHW-021	0.36 J	mg/Kg
PCBs	Aroclor-1254 (PCB-1254)	67	40	S-081214-DHW-022	0.65 J	mg/Kg
PCBs	Aroclor-1254 (PCB-1254)	67	40	S-081214-DHW-026	3.0 J	mg/Kg
PCBs	Aroclor-1254 (PCB-1254)	58	40	S-081214-DHW-038	0.67 J	mg/Kg
	Aroclor-1242 (PCB-1242)	46		S-081214-DHW-038	0.16 J	mg/Kg
PCBs	Aroclor-1254 (PCB-1254)	56	40	S-081214-DHW-040	0.055 J	mg/Kg
PCBs	Aroclor-1242 (PCB-1242)	49	40	S-081214-DHW-043	0.13 J	mg/Kg
	Aroclor-1254 (PCB-1254)	76		S-081214-DHW-043	1.3 J	mg/Kg
PCBs	Aroclor-1254 (PCB-1254)	42	40	S-081214-DHW-049	0.040 J	mg/Kg
	Aroclor-1242 (PCB-1242)	75		S-081214-DHW-049	0.050 J	mg/Kg
PCBs	Aroclor-1254 (PCB-1254)	60	40	S-081214-DHW-050	0.14 J	mg/Kg
PCBs	Aroclor-1254 (PCB-1254)	43	40	S-081214-DHW-057	0.051 J	mg/Kg
PCBs	Aroclor-1254 (PCB-1254)	79	40	S-081214-DHW-058	0.052 J	mg/Kg
PCBs	Aroclor-1254 (PCB-1254)	72	40	S-081214-DHW-061	0.052 J	mg/Kg

TABLE 5

QUALIFIED SAMPLE DATA DUE TO DIFFERENCES IN DUAL COLUMN RESULTS
SOIL INVESTIGATION
ELLIS ROAD SUPERFUND SITE
JACKSONVILLE, FLORIDA
AUGUST 2014

<i>Parameter</i>	<i>Analyte</i>	<i>RPD (percent)</i>	<i>RPD Criteria (percent)</i>	<i>Associated Sample ID</i>	<i>Qualified Result</i>	<i>Units</i>
PCBs	Aroclor-1254 (PCB-1254)	78	40	S-081314-DWH-080	0.96 J	mg/Kg
	Aroclor-1242 (PCB-1242)	82		S-081314-DWH-080	3.6 J	mg/Kg
PCBs	Aroclor-1254 (PCB-1254)	81	40	S-081314-DWH-081	0.72 J	mg/Kg
	Aroclor-1242 (PCB-1242)	91		S-081314-DWH-081	2.4 J	mg/Kg
PCBs	Aroclor-1242 (PCB-1242)	130	40	S-081314-DWH-082	0.0064 J	mg/Kg
PCBs	Aroclor-1254 (PCB-1254)	54	40	S-081314-DWH-087	0.033 J	mg/Kg
	Aroclor-1242 (PCB-1242)	68		S-081314-DWH-087	0.071 J	mg/Kg
PCBs	Aroclor-1254 (PCB-1254)	58	40	S-081314-DWH-103	0.55 J	mg/Kg
PCBs	Aroclor-1254 (PCB-1254)	61	40	S-081314-DWH-104	0.64 J	mg/Kg
PCBs	Aroclor-1254 (PCB-1254)	55	40	S-081414-DWH-116	38 J	mg/Kg
PCBs	Aroclor-1254 (PCB-1254)	51	40	S-081414-DWH-120	5.2 J	mg/Kg

Notes:

- RPD - Relative Percent Difference
J - Estimated Concentration
PCBs - Polychlorinated Biphenyls