

February 12, 2015

Ms. Jessica LaClair
Environmental Engineer
New York State Department
Of Environmental Conservation
625 Broadway
Albany, New York 12233-7013

RE: Additional Pre-Design Investigation Data
GE Parts and Repair Service Center
Tonawanda, New York
NYSDEC Site ID: 915244
EPA ID: NYD067539940

Dear Ms. LaClair:

On behalf of General Electric International, Inc. (GE), we are submitting the attached additional pre-design investigation data generated during the Corrective Measure Implementation (CMI) program at the GE Parts and Repair Service Center in Tonawanda, New York. This data was generated from field activities performed by URS Corporation – New York (URS), now a wholly owned subsidiary of AECOM. These field activities were conducted from September to November 2014 and represent completion of the investigation scope of work presented in:

- *Pre-Design Investigation Soil Work Plan* (prepared by URS and dated February 14, 2014, which was conditionally approved in a letter dated March 6, 2014);
- *Work Plan for Additional Pre-Design Investigation* (prepared by URS and dated July 21, 2014), which was approved in a letter dated August 1, 2014;
- *Proposed Supplemental Sampling for Additional Pre-Design Investigation* (prepared by URS and dated October 7, 2014), which was approved in a letter dated October 17, 2014; and
- *Work Plan for Stepwise Investigation* (prepared by URS and dated November 14, 2014), which was approved in a letter dated November 21, 2014.

The majority of the sampling proposed in the *Pre-Design Investigation Soil Work Plan* was previously reported in the September 17, 2014 data submittal. As you are aware, at that time we had not been able to collect the three samples proposed on the neighboring property due to delays in obtaining access from DKP Buffalo, LLC (DKP).

The additional pre-design investigations were conducted in general accordance with the procedures specified in the above referenced work plans and those specified in the *Corrective Measure Implementation Plan* (dated October 2, 2012), which was approved in a letter dated November 13, 2012. Table 1 presents a list of the samples collected during the September through November 2014 additional pre-design investigations. The sample locations are shown on Figure 1. The analytical data is summarized in Tables 2 and 3. These items are provided on the attached CD, along with appendices A and B, which are only being provided in electronic format. Appendix A is the Data Usability Summary Report and the laboratory reports are provided in Appendix B.



GE and AECOM appreciate the NYSDEC's continued assistance with this project. If you have any questions, please call us, or Mr. Tom Antonoff of GE at (518) 862-2720.

Very truly yours,
URS Corporation – New York

Karen Peppin
Project Manager

Attachments:

- Table 1 – Summary of Samples
- Table 2 – PCB Results for Soil Samples
- Table 3 – PCB Results for Equipment Rinse Blanks

Figure 1 – Summary of PCB Soil Results, September – November 2014 Samples

Compact Disk

- Appendix A – Data Usability Summary Report September Through November 2014
Additional Pre-Design Investigation
- Appendix B – Laboratory Analytical Reports

cc: Ms. Kathleen Emery, NYSDEC
Mr. Andrew Park, USEPA
Mr. Tom Antonoff, GECEP
Ms. Pam Cook, GE

**TABLE 1
SUMMARY OF SAMPLES
SEPTEMBER THROUGH NOVEMBER 2014 ADDITIONAL PRE-DESIGN INVESTIGATIONS**

**GENERAL ELECTRIC INTERNATIONAL, INC.
TONWANDA, NEW YORK**

Sample ID	Property Location	Sample Location	Sample Type	Sample Date	Final Results Received	Laboratory Job Number	PCBs & DUSR
PDS-AC-03	GE	PDS-AC-03	Asphalt Chip	9/16/2014	10/2/2014	480-67374-1 (Rev 2)	X
20140916-FD-1 (AC-03)	GE	PDS-AC-03	Asphalt Chip	9/16/2014	10/2/2014	480-67374-1 (Rev 2)	X
PDS-AC-04	GE	PDS-AC-04	Asphalt Chip	9/16/2014	10/2/2014	480-67374-1 (Rev 2)	X
PDS-13	GE	PDS-13	Soil	9/16/2014	9/29/2014	480-67369-1 (Rev 1)	X
PDS-14	DKP	PDS-14	Soil	9/16/2014	9/29/2014	480-67369-1 (Rev 1)	X
PDS-15	DKP	PDS-15	Soil	9/16/2014	9/29/2014	480-67369-1 (Rev 1)	X
2014-0916-FD3 (15)	DKP	PDS-15	Soil	9/16/2014	9/29/2014	480-67369-1 (Rev 1)	X
PDS-34 MS/MSD	GE	PDS-34	Soil	9/16/2014	10/2/2014	480-67374-1 (Rev 2)	X
PDS-35	GE	PDS-35	Soil	9/16/2014	10/2/2014	480-67374-1 (Rev 2)	X
PDS-36-0-0.5	DKP	PDS-36	Soil	9/16/2014	9/29/2014	480-67369-1 (Rev 1)	X
PDS-36-1-1.5	DKP	PDS-36	Soil	9/16/2014	NA	NA	-
PDS-37-0-0.5	DKP	PDS-37	Soil	9/16/2014	NA	NA	-
PDS-37-1-1.5	DKP	PDS-37	Soil	9/16/2014	NA	NA	-
PDS-38-0-0.5	DKP	PDS-38	Soil	9/16/2014	9/29/2014	480-67369-1 (Rev 1)	X
PDS-38-1-1.5	DKP	PDS-38	Soil	9/16/2014	NA	NA	-
PDS-39-0-0.5	DKP	PDS-39	Soil	9/16/2014	NA	NA	-
PDS-39-1-1.5	DKP	PDS-39	Soil	9/16/2014	NA	NA	-
PDS-40-0-0.5	DKP	PDS-40	Soil	9/16/2014	9/29/2014	480-67369-1 (Rev 1)	X
20140916-FD2 (40)	DKP	PDS-40-0.5	Soil	9/16/2014	9/29/2014	480-67369-1 (Rev 1)	X
PDS-40-1-1.5	DKP	PDS-40	Soil	9/16/2014	NA	NA	-
PDS-41-0-0.5	DKP	PDS-41	Soil	9/16/2014	NA	NA	-
PDS-41-1-1.5	DKP	PDS-41	Soil	9/16/2014	NA	NA	-
PDS-42-0-0.5	DKP	PDS-42	Soil	9/16/2014	9/29/2014	480-67369-1 (Rev 1)	X
PDS-42-1-1.5	DKP	PDS-42	Soil	9/16/2014	10/16/2014	480-67369-2 (Rev 1)	X
PDS-43-0-0.5	DKP	PDS-43	Soil	9/16/2014	10/16/2014	480-67369-2 (Rev 1)	X
PDS-43-1-1.5	DKP	PDS-43	Soil	9/16/2014	NA	NA	-
PDS-44-0-0.5	DKP	PDS-44	Soil	9/16/2014	9/29/2014	480-67369-1 (Rev 1)	X
PDS-44-1-1.5	DKP	PDS-44	Soil	9/16/2014	NA	NA	-
PDS-45-0-0.5	DKP	PDS-45	Soil	9/16/2014	NA	NA	-
PDS-45-1-1.5	DKP	PDS-45	Soil	9/16/2014	NA	NA	-

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SEPTEMBER THROUGH NOVEMBER 2014 ADDITIONAL PRE-DESIGN INVESTIGATIONS**

**GENERAL ELECTRIC INTERNATIONAL, INC.
TONWANDA, NEW YORK**

Sample ID	Property Location	Sample Location	Sample Type	Sample Date	Final Results Received	Laboratory Job Number	PCBs & DUSR
PDS-46-0-0.5 MS/MSD	DKP	PDS-46	Soil	9/16/2014	9/29/2014	480-67369-1 (Rev 1)	X
PDS-46-1-1.5	DKP	PDS-46	Soil	9/16/2014	NA	NA	-
PDS-47-0-0.5	DKP	PDS-47	Soil	9/16/2014	NA	NA	-
PDS-47-1-1.5	DKP	PDS-47	Soil	9/16/2014	NA	NA	-
PDS-48-0-0.5	DKP	PDS-48	Soil	9/16/2014	9/29/2014	480-67369-1 (Rev 1)	X
PDS-48-1-1.5	DKP	PDS-48	Soil	9/16/2014	NA	NA	-
PDS-49-0-0.5	DKP	PDS-49	Soil	9/16/2014	NA	NA	-
PDS-49-1-1.5	DKP	PDS-49	Soil	9/16/2014	NA	NA	-
PDS-50-0-0.5	DKP	PDS-50	Soil	9/16/2014	9/29/2014	480-67369-1 (Rev 1)	X
PDS-50-1-1.5	DKP	PDS-50	Soil	9/16/2014	10/16/2014	480-67369-2 (Rev 1)	X
PDS-50-2-2.5	DKP	PDS-50	Soil	10/30/2014	11/7/2014	480-70454-1	X
PDS-50-3-3.5	DKP	PDS-50	Soil	10/30/2014	NA	NA	-
PDS-51-0-0.5	DKP	PDS-51	Soil	9/16/2014	10/16/2014	480-67369-2 (Rev 1)	X
PDS-51-1-1.5	DKP	PDS-51	Soil	9/16/2014	10/15/2014	480-67369-3	X
PDS-52	GE	PDS-52	Soil	10/30/2014	11/7/2014	480-70454-1	X
PDS-53-0-0.5	DKP	PDS-53	Soil	10/30/2014	11/7/2014	480-70454-1	X
PDS-53-1-1.5	DKP	PDS-53	Soil	10/30/2014	11/21/2014	480-70454-2	X
PDS-53-2-2.5	DKP	PDS-53A	Soil	11/21/2014	11/26/2014	480-71818-1	X
PDS-53-3-3.5	DKP	PDS-53A	Soil	11/21/2014	NA	NA	-
PDS-54-0-0.5	DKP	PDS-54	Soil	10/30/2014	11/21/2014	480-70454-2	X
PDS-54-1-1.5	DKP	PDS-54	Soil	10/30/2014	NA	NA	-
PDS-55-0-0.5	DKP	PDS-55	Soil	10/30/2014	NA	NA	-
PDS-55-1-1.5	DKP	PDS-55	Soil	10/30/2014	NA	NA	-
PDS-56-0-0.5	DKP	PDS-56	Soil	10/30/2014	11/7/2014	480-70454-1	X
PDS-56-1-1.5	DKP	PDS-56	Soil	10/30/2014	NA	NA	-
PDS-57-0-0.5 MS/MSD	GE	PDS-57	Soil	11/21/2014	11/26/2014	480-71818-1	X
PDS-58-0-0.5	DKP	PDS-58	Soil	11/21/2014	11/26/2014	480-71818-1	X
20141121-FD-1	DKP	PDS-58-0-0.5	Soil	11/21/2014	11/26/2014	480-71818-1	X
PDS-58-1-1.5	DKP	PDS-58	Soil	11/21/2014	12/2/2014	480-71818-2	X

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**GENERAL ELECTRIC INTERNATIONAL, INC.
TONWANDA, NEW YORK**

Sample ID	Property Location	Sample Location	Sample Type	Sample Date	Final Results Received	Laboratory Job Number	PCBs & DUSR
PDS-58-2-2.5	DKP	PDS-58	Soil	11/21/2014	NA	NA	-
PDS-58-3-3.5	DKP	PDS-58	Soil	11/21/2014	NA	NA	-
PDS-59-0-0.5	DKP	PDS-59	Soil	11/21/2014	12/2/2014	480-71818-2	X
PDS-59-1-1.5	DKP	PDS-59	Soil	11/21/2014	12/9/2014	480-71818-3	X
PDS-60-0-0.5	GE	PDS-60	Soil	11/21/2014	12/2/2014	480-71818-2	X
PDS-61-0-0.5	DKP	PDS-61	Soil	11/21/2014	12/2/2014	480-71818-2	X
PDS-61-1-1.5	DKP	PDS-61	Soil	11/21/2014	NA	NA	-
PDS-61-2-2.5	DKP	PDS-61	Soil	11/21/2014	NA	NA	-
PDS-61-3-3.5	DKP	PDS-61	Soil	11/21/2014	NA	NA	-
PDS-62-0-0.5	DKP	PDS-62	Soil	11/21/2014	12/9/2014	480-71818-3	X
PDS-62-1-1.5	DKP	PDS-62	Soil	11/21/2014	12/17/2014	480-71818-4 (Rev1)	X
PDS-63-0-0.5	GE	PDS-63	Soil	11/21/2014	12/9/2014	480-71818-3	X
PDS-64-0-0.5	DKP	PDS-64	Soil	11/21/2014	12/17/2014	480-71818-4 (Rev1)	X
PDS-64-1-1.5	DKP	PDS-64	Soil	11/21/2014	NA	NA	-
PDS-64-2-2.5	DKP	PDS-64	Soil	11/21/2014	NA	NA	-
PDS-64-3-3.5	DKP	PDS-64	Soil	11/21/2014	NA	NA	-
PDS-65-0-0.5	DKP	PDS-65	Soil	11/21/2014	12/17/2014	480-71818-4 (Rev1)	X
PDS-65-1-1.5	DKP	PDS-65	Soil	11/21/2014	NA	NA	-
PDS-66-0-0.5 MS/MSD	GE	PDS-66	Soil	11/24/2014	12/17/2014	480-71818-4 (Rev1)	X
20141124-FD-1 (PDS-66)	GE	PDS-66	Soil	11/24/2014	12/17/2014	480-71818-4 (Rev1)	X
PDS-67-0-0.5	DKP	PDS-67	Soil	11/24/2014	12/17/2014	480-72071-1	X
PDS-67-1-1.5	DKP	PDS-67	Soil	11/24/2014	NA	NA	-
PDS-67-2-2.5	DKP	PDS-67	Soil	11/24/2014	NA	NA	-
PDS-67-3-3.5	DKP	PDS-67	Soil	11/24/2014	NA	NA	-
PDS-68-0-0.5	DKP	PDS-68	Soil	11/24/2014	NA	NA	-
PDS-68-1-1.5	DKP	PDS-68	Soil	11/24/2014	NA	NA	-
PDS-69-0-0.5	GE	PDS-69	Soil	11/24/2014	12/17/2014	480-72071-1	X
PDS-70-0-0.5	DKP	PDS-70	Soil	11/24/2014	12/22/2014	480-72072-1	X
PDS-70-1-1.5	DKP	PDS-70	Soil	11/24/2014	12/30/2015	480-72072-2	X
PDS-70-2-2.5	DKP	PDS-70	Soil	11/24/2014	NA	NA	-

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**GENERAL ELECTRIC INTERNATIONAL, INC.
TONWANDA, NEW YORK**

Sample ID	Property Location	Sample Location	Sample Type	Sample Date	Final Results Received	Laboratory Job Number	PCBs & DUSR
PDS-70-3-3.5	DKP	PDS-70	Soil	11/24/2014	NA	NA	-
PDS-71-0-0.5	DKP	PDS-71	Soil	11/24/2014	12/30/2015	480-72072-2	X
PDS-71-1-1.5	DKP	PDS-71	Soil	11/24/2014	NA	NA	-
PDS-72-0-0.5	GE	PDS-72	Soil	11/24/2014	12/22/2014	480-72072-1	X
PDS-73-0-0.5	DKP	PDS-73	Soil	11/24/2014	12/30/2015	480-72072-2	X
PDS-73-1-1.5	DKP	PDS-73	Soil	11/24/2014	NA	NA	-
PDS-73-2-2.5	DKP	PDS-73	Soil	11/24/2014	NA	NA	-
PDS-73-3-3.5	DKP	PDS-73	Soil	11/24/2014	NA	NA	-
PDS-74-0-0.5	DKP	PDS-74	Soil	11/24/2014	NA	NA	-
PDS-74-1-1.5	DKP	PDS-74	Soil	11/24/2014	NA	NA	-
PDS-RB-091614-AUGER	-	from auger	Rinse Blank	9/16/2014	9/29/2014	480-67369-1 (Rev 1)	X
PDS-RB-091614-CHIPPING TOOL	-	from chipping tool	Rinse Blank	9/16/2014	10/2/2014	480-67374-1 (Rev 2)	X
PDS-RB-091614-TROWEL	-	from trowel	Rinse Blank	9/16/2014	9/29/2014	480-67369-1 (Rev 1)	X
PDS-RB-103014-TROWEL	-	from trowel	Rinse Blank	10/30/2014	11/7/2014	480-70454-1	X
PDS-RB-103014-AUGER	-	from auger	Rinse Blank	10/30/2014	11/7/2014	480-70454-1	X
PDS-RB-20141121-trowel	-	from trowel	Rinse Blank	11/21/2014	11/26/2014	480-71818-1	X
PDS-RB-20141121-auger	-	from auger	Rinse Blank	11/21/2014	11/26/2014	480-71818-1	X

Notes:

1. Sample PDS-47-1-1.5 was collected from 8 inches below ground surface (bgs) after encountering refusal at 8 inches bgs twice.
2. NA - Indicates a sample on hold that did not meet criteria to be analyzed.
3. The deeper sample intervals intended to be collected from location PDS-53 could not be collected at the intended location due to obstructions in the field. The deeper intervals (2-2.5 ft bgs and 3-3.5 ft bgs) were collected from an alternate locations (PDS-53A) approximately 4.5 feet south and 2.5 feet east of the original sample location.

TABLE 2

**PCB RESULTS FOR SOIL SAMPLES
SEPTEMBER THROUGH NOVEMBER 2014 ADDITIONAL PRE-DESIGN INVESTIGATIONS**

**GENERAL ELECTRIC INTERNATIONAL, INC.
TONAWANDA, NEW YORK**

Sample ID	Sample Date	Media	Sample Depth (feet)	Aroclor 1016	Aroclor 1221	Aroclor 1232	Aroclor 1242	Aroclor 1248	Aroclor 1254	Aroclor 1260	Total PCBs
PDS-AC-03	9/16/2014	Asphalt Chip	Surface	<1.2	<1.2	<1.2	<1.2	<1.2	2.5 J	2.3	4.8 J
20140916-FD-1 (AC-03)	9/16/2014	Asphalt Chip	Surface	<1.1	<1.1	<1.1	<1.1	<1.1	2.4	2.7	5.1
PDS-AC-04	9/16/2014	Asphalt Chip	Surface	<0.91	<0.91	<0.91	<0.91	<0.91	0.83 J	1.1	1.9
PDS-13	9/16/2014	Soil	0-0.5	<13	<13	<13	<13	<13	100	18 NJ	120
PDS-14	9/16/2014	Soil	0-0.5	<0.26	<0.26	<0.26	<0.26	<0.26	0.40 NJ	0.63	1.0
PDS-15	9/16/2014	Soil	0-0.5	<0.30	<0.30	<0.30	<0.30	<0.30	<0.30	3.8	3.8
2014-0916-FD3 (PDS-15)	9/16/2014	Soil	0-0.5	<0.30	<0.30	<0.30	<0.30	<0.30	<0.30	3.3	3.3
PDS-34	9/16/2014	Soil	0-0.5	<0.26	<0.26	<0.26	<0.26	<0.26	3.8 J	5.1	8.9
PDS-35	9/16/2014	Soil	0-0.5	<6.7	<6.7	<6.7	<6.7	<6.7	37	48	85
PDS-36-0-0.5	9/16/2014	Soil	0-0.5	<0.27	<0.27	<0.27	<0.27	<0.27	0.34 NJ	0.63	0.97
PDS-38-0-0.5	9/16/2014	Soil	0-0.5	<0.24	<0.24	<0.24	<0.24	<0.24	0.30 NJ	0.66	0.96
PDS-40-0-0.5	9/16/2014	Soil	0-0.5	<0.26	<0.26	<0.26	<0.26	<0.26	<0.26	0.40	0.40
20140916-FD2 (PDS-40)	9/16/2014	Soil	0-0.5	<0.30	<0.30	<0.30	<0.30	<0.30	<0.30	0.49	0.49
PDS-42-0-0.5	9/16/2014	Soil	0-0.5	<0.24	<0.24	<0.24	<0.24	<0.24	0.35 NJ	0.74	1.1
PDS-42-1-1.5	9/16/2014	Soil	1-1.5	<0.23	<0.23	<0.23	<0.23	<0.23	0.26 NJ	0.34	0.60
PDS-43-0-0.5	9/16/2014	Soil	0-0.5	<0.23	<0.23	<0.23	<0.23	<0.23	<0.23	0.17 J	0.17 J
PDS-44-0-0.5	9/16/2014	Soil	0-0.5	<0.24	<0.24	<0.24	<0.24	<0.24	0.24 NJ	0.41	0.65
PDS-46-0-0.5	9/16/2014	Soil	0-0.5	<0.28	<0.28	<0.28	<0.28	<0.28	0.26 NJ	0.47	0.73
PDS-48-0-0.5	9/16/2014	Soil	0-0.5	<0.28	<0.28	<0.28	<0.28	<0.28	0.29 NJ	0.70	0.99
PDS-50-0-0.5	9/16/2014	Soil	0-0.5	<0.24	<0.24	<0.24	<0.24	<0.24	1.2 NJ	2.6	3.8
PDS-50-1-1.5	9/16/2014	Soil	1-1.5	<0.21	<0.21	<0.21	<0.21	<0.21	1.1 NJ	1.3	2.4
PDS-50-2-2.5	10/30/2014	Soil	2-2.5	<0.28	<0.28	<0.28	<0.28	<0.28	<0.28	<0.28	ND
PDS-51-0-0.5	9/16/2014	Soil	0-0.5	<0.28	<0.28	<0.28	<0.28	<0.28	0.50 NJ	0.75	1.30
PDS-51-1-1.5	9/16/2014	Soil	1-1.5	<0.28	<0.28	<0.28	<0.28	<0.28	<0.28	<0.28	ND
PDS-52	10/30/2014	Soil	0-0.5	<1.9	<1.9	<1.9	<1.9	<1.9	<1.9	32	32
PDS-53-0-0.5	10/30/2014	Soil	0-0.5	<1.2	<1.2	<1.2	<1.2	<1.2	<1.2	7.5	7.5
PDS-53-1-1.5	10/30/2014	Soil	1-1.5	<0.27	<0.27	<0.27	<0.27	<0.27	<0.27	4.5	4.5
PDS-53-2-2.5	11/21/2014	Soil	2-2.5	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25 J	ND
PDS-54-0-0.5	10/30/2014	Soil	0-0.5	<0.24	<0.24	<0.24	<0.24	<0.24	<0.24	0.65 J	0.65 J
PDS-56-0-0.5	10/30/2014	Soil	0-0.5	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	0.40	0.40
PDS-57-0-0.5	11/21/2014	Soil	0-0.5	<5.1	<5.1	<5.1	<5.1	<5.1	<5.1	100 J	100 J
PDS-58-0-0.5	11/21/2014	Soil	0-0.5	<0.32	<0.32	<0.32	<0.32	<0.32	<0.32	2.5 J	2.5 J
20141121-FD-1 (PDS-58)	11/21/2014	Soil	0-0.5	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	2.0 J	2.0 J
PDS-58-1-1.5	11/21/2014	Soil	1-1.5	<0.26	<0.26	<0.26	<0.26	<0.26	0.19 NJ	0.58	0.77

TABLE 2
PCB RESULTS FOR SOIL SAMPLES
SEPTEMBER THROUGH NOVEMBER 2014 ADDITIONAL PRE-DESIGN INVESTIGATIONS
GENERAL ELECTRIC INTERNATIONAL, INC.
TONAWANDA, NEW YORK

Sample ID	Sample Date	Media	Sample Depth (feet)	Aroclor 1016	Aroclor 1221	Aroclor 1232	Aroclor 1242	Aroclor 1248	Aroclor 1254	Aroclor 1260	Total PCBs
PDS-59-0-0.5	11/21/2014	Soil	0-0.5	<0.29	<0.29	<0.29	<0.29	<0.29	0.33 NJ	0.75	1.1
PDS-59-1-1.5	11/21/2014	Soil	1-1.5	<0.22	<0.22	<0.22	<0.22	<0.22	<0.22	<0.22	ND
PDS-60-0-0.5	11/21/2014	Soil	0-0.5	<1.5	<1.5	<1.5	<1.5	<1.5	7.6 NJ	17	25
PDS-61-0-0.5	11/21/2014	Soil	0-0.5	<0.22	<0.22	<0.22	<0.22	<0.22	0.25 NJ	0.52	0.77
PDS-62-0-0.5	11/21/2014	Soil	0-0.5	<0.26	<0.26	<0.26	<0.26	<0.26	2.2	0.91 J	3.1
PDS-62-1-1.5	11/21/2014	Soil	1-1.5	<0.31	<0.31	<0.31	<0.31	<0.31	<0.31	<0.31	ND
PDS-63-0-0.5	11/21/2014	Soil	0-0.5	<1.3	<1.3	<1.3	<1.3	<1.3	<1.3	15	15
PDS-64-0-0.5	11/21/2014	Soil	0-0.5	<0.31	<0.31	<0.31	<0.31	<0.31	0.20 NJ	0.44	0.64
PDS-65-0-0.5	11/21/2014	Soil	0-0.5	<0.23	<0.23	<0.23	<0.23	<0.23	0.46 NJ	0.11 J	0.57 NJ
PDS-66-0-0.5	11/24/2014	Soil	0-0.5	<0.30	<0.30	<0.30	<0.30	<0.30	2.1	4.0	6.1
2014-1124-FD-1 (PDS-66)	11/24/2014	Soil	0-0.5	<0.22	<0.22	<0.22	<0.22	<0.22	2.0	3.8	5.8
PDS-67-0-0.5	11/24/2014	Soil	0-0.5	<0.24	<0.24	<0.24	<0.24	<0.24	<0.24	0.60	0.60
PDS-69-0-0.5	11/24/2014	Soil	0-0.5	<0.36	<0.36	<0.36	<0.36	<0.36	<0.36	4.6	4.6
PDS-70-0-0.5	11/24/2014	Soil	0-0.5	<0.34	<0.34	<0.34	<0.34	<0.34	<0.34	1.9	1.9
PDS-70-1-1.5	11/24/2014	Soil	1-1.5	<0.21	<0.21	<0.21	<0.21	<0.21	<0.21	<0.21 J	ND
PDS-71-0-0.5	11/24/2014	Soil	0-0.5	<0.30	<0.30	<0.30	<0.30	<0.30	0.33	<0.30 J	0.33
PDS-72-0-0.5	11/24/2014	Soil	0-0.5	<0.57	<0.57	<0.57	<0.57	<0.57	<0.57	12	12
PDS-73-0-0.5	11/24/2014	Soil	0-0.5	<0.32	<0.32	<0.32	<0.32	<0.32	<0.32	0.25 J	0.25 J

Notes:

1. All units are milligrams per kilogram (mg/kg).
2. Samples analyzed for polychlorinated biphenyls (PCBs) by EPA Method 8082A by TestAmerica Laboratory of Amherst, New York.
3. A "J" indicates that when the analyte was positively identified, the associated numerical value is the approximate concentration of the analyte in the sample or that the quantitation limit is an approximate concentration.
4. A "<" or "ND" indicates the parameter was not detected above the reporting limits.
5. Results in bold print are greater than the reporting limit or estimated value greater than the method detection limit.
6. Shaded results are for total PCBs that are equal to or above the cleanup objective of 1 mg/kg for shallow soil.
7. A "NJ" indicates the presence of an analyte that has been "tentatively identified" and the associated value represents its approximate concentration.
8. A "p" indicates that the Relative Percent Difference (RPD) between the primary and confirmation column is greater than 40 percent and that the lower value has been reported.
9. A "Surface" sample depth indicates samples were generally collected from a depth of less than three inches below ground surface.
10. A "Shallow" sample depth indicates samples were collected from immediately below the concrete or asphalt surface covering.

**TABLE 3
PCB RESULTS FOR EQUIPMENT RINSATE BLANKS
SEPTEMBER THROUGH NOVEMBER 2014 ADDITIONAL PRE-DESIGN INVESTIGATIONS**

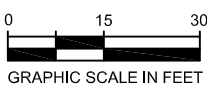
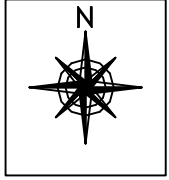
**GENERAL ELECTRIC INTERNATIONAL, INC.
TONAWANDA, NEW YORK**

Sample ID	Sample Date	Media	Aroclor 1016	Aroclor 1221	Aroclor 1232	Aroclor 1242	Aroclor 1248	Aroclor 1254	Aroclor 1260	Total PCBs
PDS-RB-091614-AUGER	9/16/2014	Water	<0.46	<0.46	<0.46	<0.46	<0.46	<0.46	<0.46	ND
PDS-RB-091614-CHIPPING TOOL	9/16/2014	Water	<0.45	<0.45	<0.45	<0.45	<0.45	<0.45	<0.45	ND
PDS-RB-091614-TROWEL	9/16/2014	Water	<0.46	<0.46	<0.46	<0.46	<0.46	<0.46	<0.46	ND
PDS-RB-103014-TROWEL	10/30/2014	Water	<0.48	<0.48	<0.48	<0.48	<0.48	<0.48	<0.48	ND
PDS-RB-103014-AUGER	10/30/2014	Water	<0.47	<0.47	<0.47	<0.47	<0.47	<0.47	<0.47	ND
PDS-RB-112114-TROWELL	11/21/2014	Water	<0.49	<0.49	<0.49	<0.49	<0.49	<0.49	<0.49	ND
PDS-RB-112114-AUGER	11/21/2014	Water	<0.47	<0.47	<0.47	<0.47	<0.47	<0.47	<0.47	ND

Notes:

1. All units are micrograms per liter (µg/L).
2. Samples analyzed for polychlorinated biphenyls (PCBs) by EPA Method 8082A by TestAmerica Laboratory of Amherst, New York.
3. A "<" or "ND" indicates the parameter was not detected above reporting limits.

GE SHOP BUILDING



LEGEND

- BUILDING FOOTPRINT
- x- CHAIN LINK FENCE
- PROPERTY LINE
- STONE DRIVE
- STORM SEWER
- SANITARY SEWER
- STORM WATER DRAIN
- MW-4 MONITORING WELL
- ⊙ SEWER CLEAN OUT
- PDS-18 SURFACE SAMPLE (APR. -AUG. 2014)
- PDB-3 GEOPROBE BORING (2014)
- ▲ SOIL SAMPLE (DKP PROPERTY) - SEPT. 2014
- ▲ SURFACE SAMPLE (GE PROPERTY) - SEPT. 2014
- ▲ SUPPLEMENTAL SOIL SAMPLE - OCT. 2014
- STEPWISE INVESTIGATION SAMPLE - NOV. 2014

SAMPLE ID	DEPTH	KIT	LAB
PDS-14	0-0.5'	NA	1.0

LABORATORY RESULT (mg/kg)
RAPID IMMUNOASSAY PCB SCREENING KIT RESULT (mg/kg)

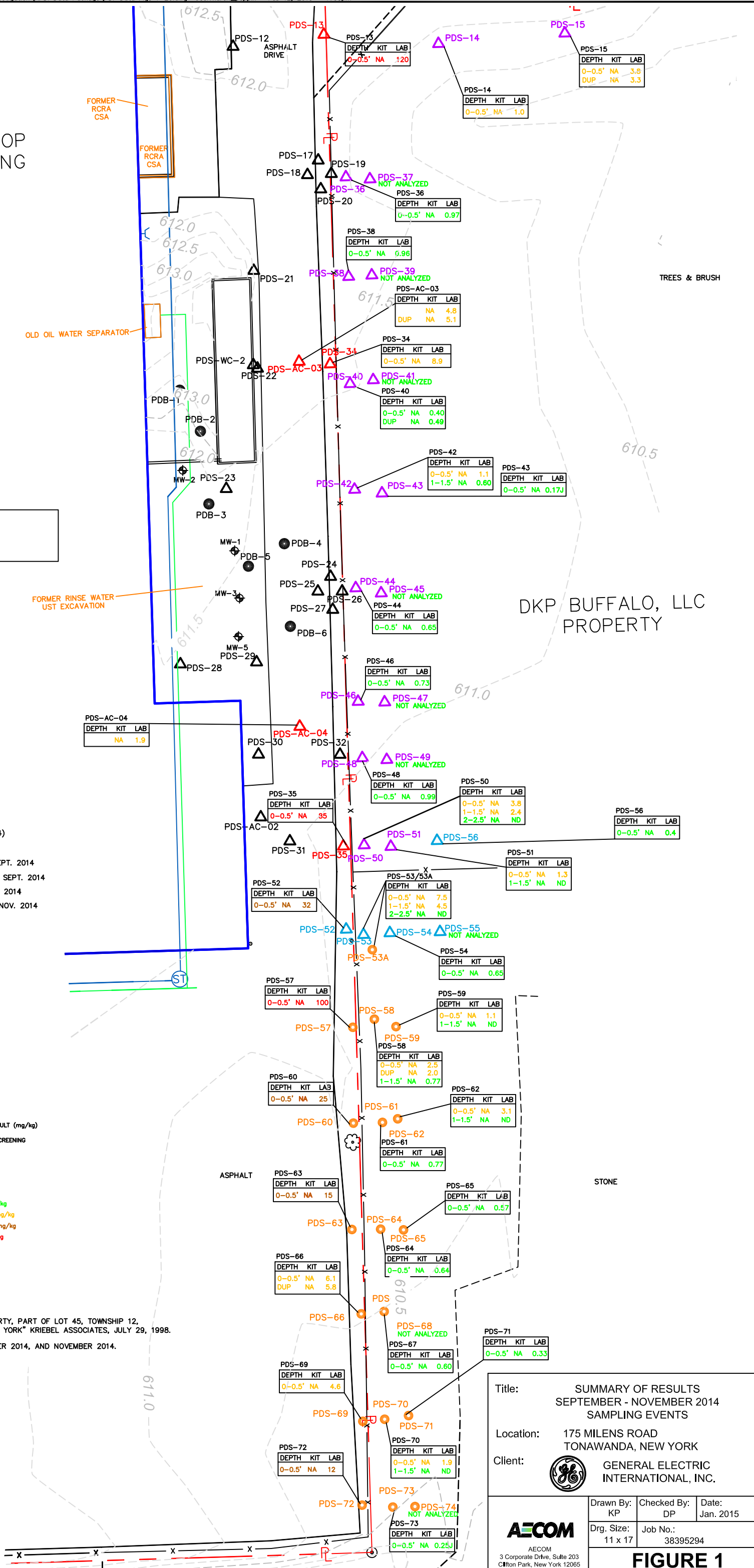
NA = NOT ANALYZED
ND = NOT DETECTED
J = ESTIMATED AT LESS THAN REPORTING LIMIT
UNSPECIFIED DEPTH = SURFACE SAMPLE

- 0.423 GREEN DATA INDICATES CONCENTRATION OF < 1 mg/kg
- 2.75 ORANGE DATA INDICATES CONCENTRATION OF 1-10 mg/kg
- 17.6 BROWN DATA INDICATES CONCENTRATION OF 10-50 mg/kg
- 54.4 RED DATA INDICATES CONCENTRATION OF > 50 mg/kg

NOTE: PLEASE REFER TO DATA USABILITY SUMMARY REPORT (DUSR) FOR ADDITIONAL INFORMATION ON 2014 DATA QUALIFICATION.

SOURCES:

1. "MAP OF GENERAL ELECTRIC SERVICE CENTER PROPERTY, PART OF LOT 45, TOWNSHIP 12, RANGE 8, TOWN OF TONAWANDA, ERIE COUNTY, NEW YORK" KRIEBEL ASSOCIATES, JULY 29, 1998.
2. FIELD OBSERVATIONS.
3. SURVEY BY URS CORPORATION JUNE 2014, SEPTEMBER 2014, AND NOVEMBER 2014.



Title: SUMMARY OF RESULTS
SEPTEMBER - NOVEMBER 2014
SAMPLING EVENTS

Location: 175 MILENS ROAD
TONAWANDA, NEW YORK

Client: GENERAL ELECTRIC INTERNATIONAL, INC.

Drawn By: KP	Checked By: DP	Date: Jan. 2015
Drg. Size: 11 x 17	Job No.: 38395294	

AECOM
AECOM
3 Corporate Drive, Suite 203
Clifton Park, New York 12065

FIGURE 1

DATA USABILITY SUMMARY REPORT

**ADDITIONAL PRE-DESIGN INVESTIGATIONS
SEPTEMBER - NOVEMBER 2014**

**NYSDEC PERMIT ID 9-1464-00044/00001
CORRECTIVE MEASURES IMPLEMENTATION PROGRAM
GENERAL ELECTRIC PARTS AND REPAIR SERVICE CENTER
TONAWANDA, NEW YORK
NYSDEC SITE NO. 915244
EPA ID: NYD067539940**

Analyses Performed by:

**TESTAMERICA LABORATORIES, INC.
AMHERST, NEW YORK**

Prepared for:

**GENERAL ELECTRIC INTERNATIONAL, INC.
319 GREAT OAKS BOULEVARD
ALBANY, NEW YORK**

Prepared by:

**AECOM
257 WEST GENESEE STREET, SUITE 400
BUFFALO, NY 14202-2657**

JANUARY 2015

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III. DATA DELIVERABLE COMPLETENESS	2
IV. SAMPLE RECEIPT/PRESERVATION/HOLDING TIMES.....	2
V. NON-CONFORMANCES.....	3
VI. SAMPLE RESULTS AND REPORTING	4
VII. SUMMARY	4

TABLES (Following Text)

Table 1 Summary of Data Qualifications

ATTACHMENTS

Attachment A Validated Form 1s
Attachment B Support Documentation

I. INTRODUCTION

This Data Usability Summary Report (DUSR) has been prepared by AECOM following the guidelines provided in New York State Department of Environmental Conservation (NYSDEC) Division of Environmental Remediation *DER-10, Technical Guidance for Site Investigation and Remediation, Appendix 2B - Guidance for Data Deliverables and the Development of Data Usability Summary Reports*, May 2010. Discussed in this DUSR are the analytical data for: two (2) asphalt chip samples, one (1) field duplicate (FD), and one (1) equipment rinsate blank (RB); and ninety-two (92) soil samples, four (4) FDs, four (4) matrix spike/matrix spike duplicate (MS/MSD) pairs, and six (6) equipment RBs. The asphalt chip and soil samples were collected during three sampling events from September 16 to November 24, 2014.

Of the ninety-two (92) soils samples collected, seventy-two (72) soil samples plus one (1) FD and one (1) MS/MSD pair were initially put “on hold” by URS Corporation (URS), now part of AECOM, pending the results of previously collected soil samples. If total PCB results exceeded 1 milligram per kilogram (mg/kg), subsequent soil samples (either from lower depths at the same location or from step-out locations) were taken off “hold”, whereupon the laboratory was instructed by URS to analyze them accordingly. The number of soil samples taken off “hold” continued until PCB results below 1 mg/kg were achieved, for a total of twenty-five (25) soil samples plus one (1) FD and one (1) MS/MSD pair.

The samples were collected by URS under NYSDEC Permit Number 9-1464-00044/00001 for the Corrective Measures Implementation Program at the General Electric Parts and Repair Service Center, located in Tonawanda, New York (NYSDEC Site ID Number 915244; EPA ID: NYD067539940), as part of the *Additional Pre-Design Investigation Work Plan* (URS, July 21, 2014), *Proposed Supplemental Sampling Letter Work Plan* (URS, October 7, 2014), and the *Work Plan for Stepwise Investigation* (URS, November 14, 2014). The samples were sent to TestAmerica Laboratories, Inc., located in Amherst, New York, which is New York State Department of Health (NYSDOH) Environmental Laboratory Approval Program (ELAP) certified.

II. ANALYTICAL METHODOLOGIES AND DATA VALIDATION PROCEDURES

The samples were analyzed for polychlorinated biphenyls (PCBs) in accordance with United States Environmental Protection Agency (USEPA) Method SW8082A.

A limited data validation was performed on the samples following the guidelines in the following USEPA Region II document:

- *Validating PCB Compounds by Gas Chromatography SW-846 Method 8082A*, SOP HW-45, Revision 1, October 2006.

The limited data validation included a review of: completeness of all required deliverables; holding times; quality control (QC) results (i.e., blanks, instrument calibrations, MS/MSD recoveries, duplicate precision, and laboratory control sample recoveries) to determine if the data are within the protocol-required QC limits and specifications; a determination that all samples were analyzed using established and agreed upon analytical protocols; an evaluation of the raw data to confirm the results provided in the data summary sheets; and a review of laboratory data qualifiers.

Qualifications applied to the data during the limited data validation include ‘J’ (estimated concentration), ‘NJ’ (tentatively identified), ‘UJ’ (non-detect, estimated quantitation limit), and ‘U’ (non-detect). Definitions of USEPA data qualifiers are presented at the end of this text. A summary of data qualifications is presented on Table 1. Validated Form 1s have been presented in Attachment A. Documentation supporting the qualification of data is presented in Attachment B. Only analytical deviations affecting data usability are discussed in this report.

III. DATA DELIVERABLE COMPLETENESS

Full deliverable data packages (i.e., NYSDEC ASP Category B or equivalent) were provided by the laboratory, and included all reporting forms and raw data necessary to fully evaluate and verify the reported analytical results.

IV. SAMPLE RECEIPT/PRESERVATION/HOLDING TIMES

All samples were received by the laboratory intact, properly preserved, and under proper chain-of-custody (COC), and were analyzed within the required holding times unless otherwise noted.

Note, the following soil samples were extracted outside the 14-day technical holding time prescribed by USEPA Region II validation guidelines, because they were initially put “on hold” and the laboratory was not instructed to proceed with extraction/analysis until after the technical holding time had expired: PDS-51-1-1.5, PDS-53-1-1.5, PDS-54-0-0.5, PDS-62-1-1.5, PDS-64-0-0.5, PDS-65-0-0.5, PDS-66-0-0.5 plus field duplicate 20141124-FD-1, PDS-67-0-0.5, PDS-69-0-

0.5, PDS-70-0-0.5, and PDS-72-0-0.5. However, SW-846, Method SW8082A, Revision 1, February 2007 does not limit the extraction holding time for PCBs, since PCBs are known to be stable in solid matrices for up to 1 year. Furthermore, the approved Work Plans for the additional samples allows for the extraction holding time to be extended to 40 days from sample collection to allow for the assessment of the initial results. All samples taken off hold were extracted within the 40-day time period. Therefore, no further qualification of the data for the affected samples was deemed necessary.

V. NON-CONFORMANCES

Instrument Calibration

The average percent differences (%Ds) for several of the continuing calibrations (CCALs) exceeded the data validation criteria of $\pm 15\%D$ for Aroclor (AR) 1260 for some samples. The AR1260 results for the affected samples were qualified 'J' or 'UJ', as listed on Table 1. Note, the method QC limits for CCALs is $\pm 20\%D$.

Documentation supporting the qualification of the data (i.e., Form 5 and 7) is presented in Attachment B.

MS/MSD Recovery

The PCB analyses of sample PDS-34-MS/MSD exhibited high %Rs for AR1260 due to an elevated level of this AR in the parent sample. Since the associated laboratory control sample (LCS) was within QC limits, no qualification of the sample data was necessary. Note, USEPA Region II data validation guidelines do not require data qualification due to MS/MSD outliers alone.

Dual-Column Precision

The relative percent difference (RPD) between the dual-column analyses was greater than the USEPA Region II data validation QC limit of 25% for one or more PCBs for several samples. Note, the method QC limit for dual-column precision is 40%, whereupon dual-column RPD results $>40\%$ were qualified 'P' by the laboratory. The detected results for the associated samples exceeding data validation QC limits of 25% were qualified 'J'. Furthermore, when RPDs are $>50\%$ and PCB concentrations are less than the reporting limit (RL), then detected results are qualified 'U' (non-detect) at the RL.

If PCB identifications were deemed questionable during the data review on both primary and confirmation columns (i.e., pattern not clearly identifiable), the detected results were qualified 'NJ' using professional judgment.

All affected sample results requiring data qualification based on the above referenced scenarios are listed on Table 1. Documentation supporting the qualification of the data (i.e., Form 10) is presented in Attachment B.

VI. SAMPLE RESULTS AND REPORTING

All sample results were reported in accordance with method requirements and were adjusted for sample volume and moisture content. Results reported below the RL, but greater than the method detection limit (MDL), are qualified 'J' by the laboratory.

Some samples were analyzed at secondary dilutions due to high levels of PCBs and/or matrix interference. The non-detect results are the lowest achievable at the diluted level.

Field Duplicate Samples

Field duplicates were collected on samples PDS-AC-03 [20140916-FD-1], PDS-40-0-0.5 [20140916-FD-2], PDS-15 [20140916-FD-3], PDS-58-0-0.5 [20141121-FD-1], and PDS-66-0-0.5 [20141124-FD-1]. Similar concentrations were observed in the samples and their respective field duplicates (i.e., relative percent difference <50%) indicating good field and analytical precision. Note, USEPA Region II validation guidelines do not require data qualification for field duplicate precision.

VII. SUMMARY

All sample analyses were found to be compliant with the data validation and/or method criteria, except where previously noted. Those results qualified 'U' (non-detect), 'J' (estimated concentration), 'UJ' (non-detect, estimated quantitation limit), or 'NJ' (tentatively identified) during the data review are considered conditionally usable. All other sample results are usable as reported. Variances from USEPA Region II data validation and/or method criteria were not significant enough to warrant rejection of the data. URS does not recommend the re-collection of any samples at this time.

For all other sample results qualified during the data review, the uncertainty is not of sufficient magnitude to change project-specific conclusions reached based on the data. For

samples with no PCBs detected, it can be concluded with a high level of certainty that the soil represented by those samples does not contain PCBs greater than or equal to 1 mg/kg.

Prepared By: Peter R. Fairbanks, Senior Chemist *PF* **Date:** 1/5/15

Reviewed By: George E. Kisluk, Senior Chemist *GEK* **Date:** 1/5/15

DEFINITIONS OF USEPA REGION II DATA QUALIFIERS

- U** – The analyte was analyzed for, but was not detected above the reported sample quantitation limit.
- J** – The analyte was positively identified; the associated numerical value is the approximate concentration of the analyte in the sample.
- UJ** – The analyte was not detected above the reported sample quantitation limit. However, the reported quantitation limit is approximate and may or may not represent the actual limit of quantitation necessary to accurately and precisely measure the analyte in the sample.
- R** – The sample results are rejected due to serious deficiencies in the ability to analyze the sample and meet quality control criteria. The presence or absence of the analyte cannot be verified.
- D** – The sample results are reported from a secondary dilution.
- NJ** – The analysis indicates the present of an analyte that has been “tentatively identified” and the associated value represents its approximate concentration.

TABLE 1
SUMMARY OF DATA QUALIFICATIONS
GENERAL ELECTRIC PARTS AND REPAIR SERVICE CENTER

SAMPLE ID	FRACTION	ANALYTICAL DEVIATION	QUALIFICATION
PDS-53-2-2.5, PDS-57-0-0.5, PDS-58-0-0.5 [plus field duplicate 20141121-FD-1], PDS-70-1-1.5-, PDS-71-0-0.5, PDS-73-0-0.5	PCB	CCAL average %D $\geq \pm 15\%$ for AR1260.	Qualify detected result 'J' and non-detect result 'UJ'.
PDS-AC-03, PDS-AC-04, PDS-34	PCB	Dual-column RPD $> 25\%$ for AR1254.	Qualify detected result 'J'.
PDS-54-0-0.5, PDS-62-0-0.5	PCB	Dual-column RPD $> 25\%$ for AR1260.	Qualify detected result 'J'.
PDS-40-0-0.5 [plus field duplicate 20140916-FD-2]	PCB	Dual-column RPD $> 50\%$ and result $< RL$ for AR1254.	Qualify detected result 'U' at the RL.
PDS-62-1-1.5	PCB	Dual-column RPD $> 50\%$ and result $< RL$ for AR1260.	Qualify detected result 'U' at the RL.
PDS-14, PDS-36-0-0.5, PDS-38-0-0.5, PDS-42-0-0.5, PDS-42-1-1.5, PDS-44-0-0.5, PDS-46-0-0.5, PDS-48-0-0.5, PDS-50-0-0.5, PDS-50-1-1.5, PDS-51-0-0.5, PDS-58-1-1.5, PDS-59-0-0.5, PDS-60-0-0.5, PDS-61-0-0.5, PDS-64-0-0.5, PDS-65-0-0.5	PCB	AR1254 pattern not clearly identifiable.	Qualify detected result 'NJ'.
PDS-13	PCB	AR1260 pattern not clearly identifiable.	Qualify detected result 'NJ'.

ATTACHMENT A
VALIDATED FORM 1s

Analytical Data

Client: URS Corporation

Job Number: 480-67374-1

Client Sample ID: PDS-AC-03

Lab Sample ID: 480-67374-1

Date Sampled: 09/16/2014 0825

Client Matrix: Solid

% Moisture: 0.6

Date Received: 09/16/2014 1445

8082A Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analysis Method: 8082A Analysis Batch: 480-203000 Instrument ID: HP6890-7
Prep Method: 3550C Prep Batch: 480-202775 Initial Weight/Volume: +2.12 g
Dilution: 5.0 Final Weight/Volume: 10 mL
Analysis Date: 09/18/2014 1304 Injection Volume: 1 uL
Prep Date: 09/17/2014 0755 Result Type: PRIMARY

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
PCB-1016		ND		230	1200
PCB-1221		ND		230	1200
PCB-1232		ND		230	1200
PCB-1242		ND		230	1200
PCB-1248		ND		230	1200
PCB-1254		2500 J		560	1200
PCB-1260		2300		560	1200
Polychlorinated biphenyls, Total		4800		560	1200

Surrogate	%Rec	Qualifier	Acceptance Limits
DCB Decachlorobiphenyl	109		47 - 176
Tetrachloro-m-xylene	117		46 - 175

10/6/14
R

Analytical Data

Client: URS Corporation

Job Number: 480-67374-1

Client Sample ID: 20140916-FD-1

(PDS-AC-03)

Lab Sample ID: 480-67374-2

Date Sampled: 09/16/2014 0000

Client Matrix: Solid

% Moisture: 0.5

Date Received: 09/16/2014 1445

8082A Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analysis Method:	8082A	Analysis Batch:	480-203000	Instrument ID:	HP6890-7
Prep Method:	3550C	Prep Batch:	480-202775	Initial Weight/Volume:	+2.34 g
Dilution:	5.0			Final Weight/Volume:	10 mL
Analysis Date:	09/18/2014 1320			Injection Volume:	1 uL
Prep Date:	09/17/2014 0755			Result Type:	PRIMARY

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
PCB-1016		ND		210	1100
PCB-1221		ND		210	1100
PCB-1232		ND		210	1100
PCB-1242		ND		210	1100
PCB-1248		ND		210	1100
PCB-1254		2400		500	1100
PCB-1260		2700		500	1100
Polychlorinated biphenyls, Total		5100		500	1100

Surrogate	%Rec	Qualifier	Acceptance Limits
DCB Decachlorobiphenyl	106		47 - 176
Tetrachloro-m-xylene	113		46 - 175

Analytical Data

Client: URS Corporation

Job Number: 480-67374-1

Client Sample ID: PDS-AC-04

Lab Sample ID: 480-67374-3

Date Sampled: 09/16/2014 0835

Client Matrix: Solid

% Moisture: 0.8

Date Received: 09/16/2014 1445

8082A Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analysis Method:	8082A	Analysis Batch:	480-203000	Instrument ID:	HP6890-7
Prep Method:	3550C	Prep Batch:	480-202775	Initial Weight/Volume:	+2.76 g
Dilution:	5.0			Final Weight/Volume:	10 mL
Analysis Date:	09/18/2014 1336			Injection Volume:	1 uL
Prep Date:	09/17/2014 0755			Result Type:	PRIMARY

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
PCB-1016		ND		180	910
PCB-1221		ND		180	910
PCB-1232		ND		180	910
PCB-1242		ND		180	910
PCB-1248		ND		180	910
PCB-1254		830	J	430	910
PCB-1260		1100		430	910
Polychlorinated biphenyls, Total		1900		430	910

Surrogate	%Rec	Qualifier	Acceptance Limits
DCB Decachlorobiphenyl	113		47 - 176
Tetrachloro-m-xylene	122		46 - 175

9/29/14
m

Analytical Data

Client: URS Corporation

Job Number: 480-67369-1

Client Sample ID: PDS-13

Lab Sample ID: 480-67369-36

Date Sampled: 09/16/2014 1245

Client Matrix: Solid

% Moisture: 13.6

Date Received: 09/16/2014 1445

8082A Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analysis Method:	8082A	Analysis Batch:	480-203000	Instrument ID:	HP6890-7
Prep Method:	3550C	Prep Batch:	480-202775	Initial Weight/Volume:	+2.17 g
Dilution:	50			Final Weight/Volume:	10 mL
Analysis Date:	09/18/2014 1822			Injection Volume:	1 uL
Prep Date:	09/17/2014 0755			Result Type:	PRIMARY

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
PCB-1016		ND		2600	13000
PCB-1221		ND		2600	13000
PCB-1232		ND		2600	13000
PCB-1242		ND		2600	13000
PCB-1248		ND		2600	13000
PCB-1254		100000		6200	13000
PCB-1260		18000	pNJ	6200	13000
Polychlorinated biphenyls, Total		120000		6200	13000

Surrogate	%Rec	Qualifier	Acceptance Limits
DCB Decachlorobiphenyl	606	X	47 - 176
Tetrachloro-m-xylene	136		46 - 175

9/29/14
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Analytical Data

Client: URS Corporation

Job Number: 480-67369-1

Client Sample ID: PDS-14

Lab Sample ID: 480-67369-34

Date Sampled: 09/16/2014 1230

Client Matrix: Solid

% Moisture: 26.7

Date Received: 09/16/2014 1445

8082A Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analysis Method:	8082A	Analysis Batch:	480-203000	Instrument ID:	HP6890-7
Prep Method:	3550C	Prep Batch:	480-202775	Initial Weight/Volume:	+2.64 g
Dilution:	1.0			Final Weight/Volume:	10 mL
Analysis Date:	09/18/2014 1750			Injection Volume:	1 uL
Prep Date:	09/17/2014 0755			Result Type:	PRIMARY

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
PCB-1016		ND		51	260
PCB-1221		ND		51	260
PCB-1232		ND		51	260
PCB-1242		ND		51	260
PCB-1248		ND		51	260
PCB-1254		400	<i>NJ</i>	120	260
PCB-1260		630		120	260
Polychlorinated biphenyls, Total		1000		120	260

Surrogate	%Rec	Qualifier	Acceptance Limits
DCB Decachlorobiphenyl	111		47 - 176
Tetrachloro-m-xylene	121		46 - 175

9/24/14
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Analytical Data

Client: URS Corporation

Job Number: 480-67369-1

Client Sample ID: PDS-15

Lab Sample ID: 480-67369-35

Date Sampled: 09/16/2014 1235

Client Matrix: Solid

% Moisture: 21.9

Date Received: 09/16/2014 1445

8082A Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analysis Method:	8082A	Analysis Batch:	480-203000	Instrument ID:	HP6890-7
Prep Method:	3550C	Prep Batch:	480-202775	Initial Weight/Volume:	+2.11 g
Dilution:	1.0			Final Weight/Volume:	10 mL
Analysis Date:	09/18/2014 1807			Injection Volume:	1 uL
Prep Date:	09/17/2014 0755			Result Type:	PRIMARY

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
PCB-1016		ND		59	300
PCB-1221		ND		59	300
PCB-1232		ND		59	300
PCB-1242		ND		59	300
PCB-1248		ND		59	300
PCB-1254		ND		140	300
PCB-1260		3800		140	300
Polychlorinated biphenyls, Total		3800		140	300

Surrogate	%Rec	Qualifier	Acceptance Limits
DCB Decachlorobiphenyl	113		47 - 176
Tetrachloro-m-xylene	113		46 - 175

Analytical Data

Client: URS Corporation

Job Number: 480-67369-1

Client Sample ID: 2014-0916-FD3

(PDS-15)

Lab Sample ID: 480-67369-37

Date Sampled: 09/16/2014 0000

Client Matrix: Solid

% Moisture: 19.9

Date Received: 09/16/2014 1445

8082A Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analysis Method:	8082A	Analysis Batch:	480-203000	Instrument ID:	HP6890-7
Prep Method:	3550C	Prep Batch:	480-202775	Initial Weight/Volume:	+2.10 g
Dilution:	1.0			Final Weight/Volume:	10 mL
Analysis Date:	09/18/2014 1839			Injection Volume:	1 uL
Prep Date:	09/17/2014 0755			Result Type:	PRIMARY

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
PCB-1016		ND		58	300
PCB-1221		ND		58	300
PCB-1232		ND		58	300
PCB-1242		ND		58	300
PCB-1248		ND		58	300
PCB-1254		ND		140	300
PCB-1260		3300		140	300
Polychlorinated biphenyls, Total		3300		140	300

Surrogate	%Rec	Qualifier	Acceptance Limits
DCB Decachlorobiphenyl	113		47 - 176
Tetrachloro-m-xylene	116		46 - 175

Analytical Data

Client: URS Corporation

Job Number: 480-67374-1

Client Sample ID: PDS-34

Lab Sample ID: 480-67374-4

Date Sampled: 09/16/2014 0845

Client Matrix: Solid

% Moisture: 27.3

Date Received: 09/16/2014 1445

8082A Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analysis Method:	8082A	Analysis Batch:	480-203000	Instrument ID:	HP6890-7
Prep Method:	3550C	Prep Batch:	480-202775	Initial Weight/Volume:	+2.60 g
Dilution:	1.0			Final Weight/Volume:	10 mL
Analysis Date:	09/18/2014 1352			Injection Volume:	1 uL
Prep Date:	09/17/2014 0755			Result Type:	PRIMARY

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
PCB-1016		ND		52	260
PCB-1221		ND		52	260
PCB-1232		ND		52	260
PCB-1242		ND		52	260
PCB-1248		ND		52	260
PCB-1254		3800	J	120	260
PCB-1260		5100		120	260
Polychlorinated biphenyls, Total		8900		120	260

Surrogate	%Rec	Qualifier	Acceptance Limits
DCB Decachlorobiphenyl	103		47 - 176
Tetrachloro-m-xylene	118		46 - 175

9/29/14
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Analytical Data

Client: URS Corporation

Job Number: 480-67374-1

Client Sample ID: PDS-35

Lab Sample ID: 480-67374-5

Date Sampled: 09/16/2014 0840

Client Matrix: Solid

% Moisture: 29.0

Date Received: 09/16/2014 1445

8082A Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analysis Method:	8082A	Analysis Batch:	480-203000	Instrument ID:	HP6890-7
Prep Method:	3550C	Prep Batch:	480-202775	Initial Weight/Volume:	+2.11 g
Dilution:	20			Final Weight/Volume:	10 mL
Analysis Date:	09/18/2014 1440			Injection Volume:	1 uL
Prep Date:	09/17/2014 0755			Result Type:	PRIMARY

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
PCB-1016		ND		1300	6700
PCB-1221		ND		1300	6700
PCB-1232		ND		1300	6700
PCB-1242		ND		1300	6700
PCB-1248		ND		1300	6700
PCB-1254		37000		3100	6700
PCB-1260		48000		3100	6700
Polychlorinated biphenyls, Total		85000		3100	6700

Surrogate	%Rec	Qualifier	Acceptance Limits
DCB Decachlorobiphenyl	110		47 - 176
Tetrachloro-m-xylene	131		46 - 175

Analytical Data

Client: URS Corporation

Job Number: 480-67369-1

Client Sample ID: PDS-36-0-0.5

Lab Sample ID: 480-67369-30

Date Sampled: 09/16/2014 1210

Client Matrix: Solid

% Moisture: 19.8

Date Received: 09/16/2014 1445

8082A Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analysis Method:	8082A	Analysis Batch:	480-203000	Instrument ID:	HP6890-7
Prep Method:	3550C	Prep Batch:	480-202775	Initial Weight/Volume:	+2.31 g
Dilution:	1.0			Final Weight/Volume:	10 mL
Analysis Date:	09/18/2014 1703			Injection Volume:	1 uL
Prep Date:	09/17/2014 0755			Result Type:	PRIMARY

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
PCB-1016		ND		53	270
PCB-1221		ND		53	270
PCB-1232		ND		53	270
PCB-1242		ND		53	270
PCB-1248		ND		53	270
PCB-1254		340	<i>NT</i>	130	270
PCB-1260		630		130	270
Polychlorinated biphenyls, Total		970		130	270

Surrogate	%Rec	Qualifier	Acceptance Limits
DCB Decachlorobiphenyl	114		47 - 176
Tetrachloro-m-xylene	112		46 - 175

9/29/14
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Analytical Data

Client: URS Corporation

Job Number: 480-67369-1

Client Sample ID: PDS-38-0-0.5

Lab Sample ID: 480-67369-26

Date Sampled: 09/16/2014 1150

Client Matrix: Solid

% Moisture: 18.8

Date Received: 09/16/2014 1445

8082A Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analysis Method:	8082A	Analysis Batch:	480-203000	Instrument ID:	HP6890-7
Prep Method:	3550C	Prep Batch:	480-202775	Initial Weight/Volume:	+2.58 g
Dilution:	1.0			Final Weight/Volume:	10 mL
Analysis Date:	09/18/2014 1647			Injection Volume:	1 uL
Prep Date:	09/17/2014 0755			Result Type:	PRIMARY

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
PCB-1016		ND		47	240
PCB-1221		ND		47	240
PCB-1232		ND		47	240
PCB-1242		ND		47	240
PCB-1248		ND		47	240
PCB-1254		300	<i>NJ</i>	110	240
PCB-1260		660		110	240
Polychlorinated biphenyls, Total		960		110	240

Surrogate	%Rec	Qualifier	Acceptance Limits
DCB Decachlorobiphenyl	114		47 - 176
Tetrachloro-m-xylene	116		46 - 175

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Analytical Data

Client: URS Corporation

Job Number: 480-67369-1

Client Sample ID: PDS-40-0-0.5

Lab Sample ID: 480-67369-21

Date Sampled: 09/16/2014 1130

Client Matrix: Solid

% Moisture: 29.5

Date Received: 09/16/2014 1445

8082A Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analysis Method: 8082A	Analysis Batch: 480-203000	Instrument ID: HP6890-7	
Prep Method: 3550C	Prep Batch: 480-202775	Initial Weight/Volume: +2.78 g	
Dilution: 1.0		Final Weight/Volume: 10 mL	
Analysis Date: 09/18/2014 1615		Injection Volume: 1 uL	
Prep Date: 09/17/2014 0755		Result Type: PRIMARY	

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
PCB-1016		ND		50	260
PCB-1221		ND		50	260
PCB-1232		ND		50	260
PCB-1242		ND		50	260
PCB-1248		ND		50	260
PCB-1254		210 ND	JP	120	260
PCB-1260		400		120	260
Polychlorinated biphenyls, Total		010 400		120	260

Surrogate	%Rec	Qualifier	Acceptance Limits
DCB Decachlorobiphenyl	108		47 - 176
Tetrachloro-m-xylene	123		46 - 175

9/29/14
2

Analytical Data

Client: URS Corporation

Job Number: 480-67369-1

Client Sample ID: 20140916-FD2

(PDS-40-0-0.5)

Lab Sample ID: 480-67369-24

Date Sampled: 09/16/2014 0000

Client Matrix: Solid

% Moisture: 25.0

Date Received: 09/16/2014 1445

8082A Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analysis Method:	8082A	Analysis Batch:	480-203000	Instrument ID:	HP6890-7
Prep Method:	3550C	Prep Batch:	480-202775	Initial Weight/Volume:	+2.25 g
Dilution:	1.0			Final Weight/Volume:	10 mL
Analysis Date:	09/18/2014 1631			Injection Volume:	1 uL
Prep Date:	09/17/2014 0755			Result Type:	PRIMARY

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
PCB-1016		ND		58	300
PCB-1221		ND		58	300
PCB-1232		ND		58	300
PCB-1242		ND		58	300
PCB-1248		ND		58	300
PCB-1254		270 ND	JP	140	300
PCB-1260		490		140	300
Polychlorinated biphenyls, Total		760 490		140	300

Surrogate	%Rec	Qualifier	Acceptance Limits
DCB Decachlorobiphenyl	119		47 - 176
Tetrachloro-m-xylene	130		46 - 175

9/29/14
2

Analytical Data

Client: URS Corporation

Job Number: 480-67369-1

Client Sample ID: PDS-42-0-0.5

Lab Sample ID: 480-67369-17

Date Sampled: 09/16/2014 1100

Client Matrix: Solid

% Moisture: 20.4

Date Received: 09/16/2014 1445

8082A Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analysis Method: 8082A	Analysis Batch: 480-203000	Instrument ID: HP6890-7
Prep Method: 3550C	Prep Batch: 480-202775	Initial Weight/Volume: +2.67 g
Dilution: 1.0		Final Weight/Volume: 10 mL
Analysis Date: 09/18/2014 1559		Injection Volume: 1 uL
Prep Date: 09/17/2014 0755		Result Type: PRIMARY

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
PCB-1016		ND		46	240
PCB-1221		ND		46	240
PCB-1232		ND		46	240
PCB-1242		ND		46	240
PCB-1248		ND		46	240
PCB-1254		350	p NJ	110	240
PCB-1260		740		110	240
Polychlorinated biphenyls, Total		1100		110	240

Surrogate	%Rec	Qualifier	Acceptance Limits
DCB Decachlorobiphenyl	111		47 - 176
Tetrachloro-m-xylene	121		46 - 175

9/29/14
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Analytical Data

Client: URS Corporation

Job Number: 480-67369-2

Client Sample ID: PDS-42-1-1.5

Lab Sample ID: 480-67369-18

Date Sampled: 09/16/2014 1105

Client Matrix: Solid

% Moisture: 13.1

Date Received: 09/16/2014 1445

8082A Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analysis Method:	8082A	Analysis Batch:	480-205328	Instrument ID:	HP6890-7
Prep Method:	3550C	Prep Batch:	480-205141	Initial Weight/Volume:	+2.51 g
Dilution:	1.0			Final Weight/Volume:	10 mL
Analysis Date:	10/01/2014 1111			Injection Volume:	1 uL
Prep Date:	09/30/2014 0903			Result Type:	PRIMARY

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
PCB-1016		ND		45	230
PCB-1221		ND		45	230
PCB-1232		ND		45	230
PCB-1242		ND		45	230
PCB-1248		ND		45	230
PCB-1254		260	NJ	110	230
PCB-1260		340		110	230
Polychlorinated biphenyls, Total		600		110	230

Surrogate	%Rec	Qualifier	Acceptance Limits
DCB Decachlorobiphenyl	99		47 - 176
Tetrachloro-m-xylene	122		46 - 175

10/6/14
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Analytical Data

Client: URS Corporation

Job Number: 480-67369-2

Client Sample ID: PDS-43-0-0.5

Lab Sample ID: 480-67369-19

Date Sampled: 09/16/2014 1110

Client Matrix: Solid

% Moisture: 23.8

Date Received: 09/16/2014 1445

8082A Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analysis Method:	8082A	Analysis Batch:	480-205328	Instrument ID:	HP6890-7
Prep Method:	3550C	Prep Batch:	480-205141	Initial Weight/Volume:	+2.86 g
Dilution:	1.0			Final Weight/Volume:	10 mL
Analysis Date:	10/01/2014 1127			Injection Volume:	1 uL
Prep Date:	09/30/2014 0903			Result Type:	PRIMARY

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
PCB-1016		ND		45	230
PCB-1221		ND		45	230
PCB-1232		ND		45	230
PCB-1242		ND		45	230
PCB-1248		ND		45	230
PCB-1254		ND		110	230
PCB-1260		170	J	110	230
Polychlorinated biphenyls, Total		170	J	110	230

Surrogate	%Rec	Qualifier	Acceptance Limits
DCB Decachlorobiphenyl	94		47 - 176
Tetrachloro-m-xylene	126		46 - 175

Analytical Data

Client: URS Corporation

Job Number: 480-67369-1

Client Sample ID: PDS-44-0-0.6

Lab Sample ID: 480-67369-13

Date Sampled: 09/16/2014 1035

Client Matrix: Solid

% Moisture: 24.9

Date Received: 09/16/2014 1445

8082A Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analysis Method:	8082A	Analysis Batch:	480-203000	Instrument ID:	HP6890-7
Prep Method:	3550C	Prep Batch:	480-202775	Initial Weight/Volume:	+2.79 g
Dilution:	1.0			Final Weight/Volume:	10 mL
Analysis Date:	09/18/2014 1543			Injection Volume:	1 uL
Prep Date:	09/17/2014 0755			Result Type:	PRIMARY

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
PCB-1016		ND		47	240
PCB-1221		ND		47	240
PCB-1232		ND		47	240
PCB-1242		ND		47	240
PCB-1248		ND		47	240
PCB-1254		240	<i>NJ</i>	110	240
PCB-1260		410		110	240
Polychlorinated biphenyls, Total		650		110	240

Surrogate	%Rec	Qualifier	Acceptance Limits
DCB Decachlorobiphenyl	110		47 - 176
Tetrachloro-m-xylene	129		46 - 175

9/29/14

Analytical Data

Client: URS Corporation

Job Number: 480-67369-1

Client Sample ID: PDS-46-0-0.5

Lab Sample ID: 480-67369-9

Date Sampled: 09/16/2014 1015

Client Matrix: Solid

% Moisture: 21.7

Date Received: 09/16/2014 1445

8082A Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analysis Method: 8082A	Analysis Batch: 480-203000	Instrument ID: HP6890-7
Prep Method: 3550C	Prep Batch: 480-202775	Initial Weight/Volume: +2.27 g
Dilution: 1.0		Final Weight/Volume: 10 mL
Analysis Date: 09/18/2014 1527		Injection Volume: 1 uL
Prep Date: 09/17/2014 0755		Result Type: PRIMARY

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
PCB-1016		ND		55	280
PCB-1221		ND		55	280
PCB-1232		ND		55	280
PCB-1242		ND		55	280
PCB-1248		ND		55	280
PCB-1254		260	p NJ	130	280
PCB-1260		470		130	280
Polychlorinated biphenyls, Total		730	p	130	280

Surrogate	%Rec	Qualifier	Acceptance Limits
DCB Decachlorobiphenyl	111		47 - 176
Tetrachloro-m-xylene	118		46 - 175

9/29/14
2

Analytical Data

Client: URS Corporation

Job Number: 480-67369-1

Client Sample ID: PDS-48-0-0.5

Lab Sample ID: 480-67369-5

Date Sampled: 09/16/2014 0955

Client Matrix: Solid

% Moisture: 17.6

Date Received: 09/16/2014 1445

8082A Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analysis Method: 8082A	Analysis Batch: 480-203000	Instrument ID: HP6890-7
Prep Method: 3550C	Prep Batch: 480-202775	Initial Weight/Volume: +2.17 g
Dilution: 1.0		Final Weight/Volume: 10 mL
Analysis Date: 09/18/2014 1511		Injection Volume: 1 uL
Prep Date: 09/17/2014 0755		Result Type: PRIMARY

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
PCB-1016		ND		55	280
PCB-1221		ND		55	280
PCB-1232		ND		55	280
PCB-1242		ND		55	280
PCB-1248		ND		55	280
PCB-1254		290	<i>KJ</i>	130	280
PCB-1260		700		130	280
Polychlorinated biphenyls, Total		990		130	280

Surrogate	%Rec	Qualifier	Acceptance Limits
DCB Decachlorobiphenyl	120		47 - 176
Tetrachloro-m-xylene	120		46 - 175

9/25/14
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Analytical Data

Client: URS Corporation

Job Number: 480-67369-1

Client Sample ID: PDS-50-0-0.5

Lab Sample ID: 480-67369-1

Date Sampled: 09/16/2014 0935

Client Matrix: Solid

% Moisture: 21.2

Date Received: 09/16/2014 1445

8082A Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analysis Method:	8082A	Analysis Batch:	480-203000	Instrument ID:	HP6890-7
Prep Method:	3550C	Prep Batch:	480-202775	Initial Weight/Volume:	+2.66 g
Dilution:	1.0			Final Weight/Volume:	10 mL
Analysis Date:	09/18/2014 1455			Injection Volume:	1 uL
Prep Date:	09/17/2014 0755			Result Type:	PRIMARY

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
PCB-1016		ND		47	240
PCB-1221		ND		47	240
PCB-1232		ND		47	240
PCB-1242		ND		47	240
PCB-1248		ND		47	240
PCB-1254		1200	P NJ	110	240
PCB-1260		2600		110	240
Polychlorinated biphenyls, Total		3800		110	240

Surrogate	%Rec	Qualifier	Acceptance Limits
DCB Decachlorobiphenyl	110		47 - 176
Tetrachloro-m-xylene	128		46 - 175

9/29/14
2

Analytical Data

Client: URS Corporation

Job Number: 480-67369-2

Client Sample ID: PDS-50-1-1.5

Lab Sample ID: 480-67369-2

Date Sampled: 09/16/2014 0940

Client Matrix: Solid

% Moisture: 17.1

Date Received: 09/16/2014 1445

8082A Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analysis Method: 8082A	Analysis Batch: 480-205328	Instrument ID: HP6890-7
Prep Method: 3550C	Prep Batch: 480-205141	Initial Weight/Volume: +2.86 g
Dilution: 1.0		Final Weight/Volume: 10 mL
Analysis Date: 10/01/2014 1158		Injection Volume: 1 uL
Prep Date: 09/30/2014 0903		Result Type: PRIMARY

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
PCB-1016		ND		41	210
PCB-1221		ND		41	210
PCB-1232		ND		41	210
PCB-1242		ND		41	210
PCB-1248		ND		41	210
PCB-1254		1100	NJ	99	210
PCB-1260		1300		99	210
Polychlorinated biphenyls, Total		2400		99	210

Surrogate	%Rec	Qualifier	Acceptance Limits
DCB Decachlorobiphenyl	81		47 - 176
Tetrachloro-m-xylene	106		46 - 175

10/6/14
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Analytical Data

Client: URS Corporation

Job Number: 480-70454-1

Client Sample ID: PDS-50-2-2.5

Lab Sample ID: 480-70454-10

Date Sampled: 10/30/2014 1330

Client Matrix: Solid

% Moisture: 13.9

Date Received: 10/30/2014 1500

8082A Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analysis Method:	8082A	Analysis Batch:	480-211223	Instrument ID:	HP5890-12
Prep Method:	3550C	Prep Batch:	480-211227	Initial Weight/Volume:	+2.08 g
Dilution:	1.0			Final Weight/Volume:	10 mL
Analysis Date:	11/01/2014 0841			Injection Volume:	1 uL
Prep Date:	10/31/2014 0858			Result Type:	PRIMARY

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
PCB-1016		ND		55	280
PCB-1221		ND		55	280
PCB-1232		ND		55	280
PCB-1242		ND		55	280
PCB-1248		ND		55	280
PCB-1254		ND		130	280
PCB-1260		ND		130	280

Surrogate	%Rec	Qualifier	Acceptance Limits
DCB Decachlorobiphenyl	106		47 - 176
Tetrachloro-m-xylene	104		46 - 175

Analytical Data

Client: URS Corporation

Job Number: 480-67369-2

Client Sample ID: PDS-51-0-0.5

Lab Sample ID: 480-67369-3

Date Sampled: 09/16/2014 0945

Client Matrix: Solid

% Moisture: 20.1

Date Received: 09/16/2014 1445

8082A Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analysis Method: 8082A	Analysis Batch: 480-205328	Instrument ID: HP6890-7
Prep Method: 3550C	Prep Batch: 480-205141	Initial Weight/Volume: +2.24 g
Dilution: 1.0		Final Weight/Volume: 10 mL
Analysis Date: 10/01/2014 1143		Injection Volume: 1 uL
Prep Date: 09/30/2014 0903		Result Type: PRIMARY

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
PCB-1016		ND		55	280
PCB-1221		ND		55	280
PCB-1232		ND		55	280
PCB-1242		ND		55	280
PCB-1248		ND		55	280
PCB-1254		500	NJ	130	280
PCB-1260		750		130	280
Polychlorinated biphenyls, Total		1300		130	280

Surrogate	%Rec	Qualifier	Acceptance Limits
DCB Decachlorobiphenyl	99		47 - 176
Tetrachloro-m-xylene	119		46 - 175

10/6/14
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Analytical Data

Client: URS Corporation

Job Number: 480-67369-3

Client Sample ID: PDS-51-1-1.5

Lab Sample ID: 480-67369-4

Date Sampled: 09/16/2014 0950

Client Matrix: Solid

% Moisture: 16.8

Date Received: 09/16/2014 1445

8082A Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analysis Method:	8082A	Analysis Batch:	480-206758	Instrument ID:	HP5890-12
Prep Method:	3550C	Prep Batch:	480-206591	Initial Weight/Volume:	+2.12 g
Dilution:	1.0			Final Weight/Volume:	10 mL
Analysis Date:	10/09/2014 1042			Injection Volume:	1 uL
Prep Date:	10/08/2014 1013			Result Type:	PRIMARY

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
PCB-1016		ND		55	280
PCB-1221		ND		55	280
PCB-1232		ND		55	280
PCB-1242		ND		55	280
PCB-1248		ND		55	280
PCB-1254		ND		130	280
PCB-1260		ND		130	280
Polychlorinated biphenyls, Total		ND		130	280

Surrogate	%Rec	Qualifier	Acceptance Limits
DCB Decachlorobiphenyl	93		47 - 176
Tetrachloro-m-xylene	110		46 - 175

Analytical Data

Client: URS Corporation

Job Number: 480-70454-1

Client Sample ID: PDS-52

Lab Sample ID: 480-70454-1

Date Sampled: 10/30/2014 1050

Client Matrix: Solid

% Moisture: 13.1

Date Received: 10/30/2014 1500

8082A Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analysis Method:	8082A	Analysis Batch:	480-211223	Instrument ID:	HP5890-12
Prep Method:	3550C	Prep Batch:	480-211227	Initial Weight/Volume:	+2.95 g
Dilution:	10			Final Weight/Volume:	10 mL
Analysis Date:	11/01/2014 0727			Injection Volume:	1 uL
Prep Date:	10/31/2014 0858			Result Type:	PRIMARY

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
PCB-1016		ND		380	1900
PCB-1221		ND		380	1900
PCB-1232		ND		380	1900
PCB-1242		ND		380	1900
PCB-1248		ND		380	1900
PCB-1254		ND		910	1900
PCB-1260		32000		910	1900

Surrogate	%Rec	Qualifier	Acceptance Limits
DCB Decachlorobiphenyl	120		47 - 176
Tetrachloro-m-xylene	98		46 - 175

Analytical Data

Client: URS Corporation

Job Number: 480-70454-1

Client Sample ID: PDS-53-0-0.5

Lab Sample ID: 480-70454-2

Date Sampled: 10/30/2014 1205

Client Matrix: Solid

% Moisture: 15.3

Date Received: 10/30/2014 1500

8082A Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analysis Method:	8082A	Analysis Batch:	480-211223	Instrument ID:	HP5890-12
Prep Method:	3550C	Prep Batch:	480-211227	Initial Weight/Volume:	+2.45 g
Dilution:	5.0			Final Weight/Volume:	10 mL
Analysis Date:	11/01/2014 0812			Injection Volume:	1 uL
Prep Date:	10/31/2014 0858			Result Type:	PRIMARY

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
PCB-1016		ND		240	1200
PCB-1221		ND		240	1200
PCB-1232		ND		240	1200
PCB-1242		ND		240	1200
PCB-1248		ND		240	1200
PCB-1254		ND		560	1200
PCB-1260		7500		560	1200

Surrogate	%Rec	Qualifier	Acceptance Limits
DCB Decachlorobiphenyl	105		47 - 176
Tetrachloro-m-xylene	94		46 - 175

Analytical Data

Client: URS Corporation

Job Number: 480-70454-2

Client Sample ID: PDS-53-1-1.5

Lab Sample ID: 480-70454-3

Date Sampled: 10/30/2014 1215

Client Matrix: Solid

% Moisture: 13.6

Date Received: 10/30/2014 1500

8082A Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analysis Method:	8082A	Analysis Batch:	480-214308	Instrument ID:	HP5890-12
Prep Method:	3550C	Prep Batch:	480-214122	Initial Weight/Volume:	+2.18 g
Dilution:	1.0			Final Weight/Volume:	10 mL
Analysis Date:	11/15/2014 1956			Injection Volume:	1 uL
Prep Date:	11/14/2014 1021			Result Type:	PRIMARY

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
PCB-1016		ND		52	270
PCB-1221		ND		52	270
PCB-1232		ND		52	270
PCB-1242		ND		52	270
PCB-1248		ND		52	270
PCB-1254		ND		120	270
PCB-1260		4500		120	270

Surrogate	%Rec	Qualifier	Acceptance Limits
DCB Decachlorobiphenyl	93		47 - 176
Tetrachloro-m-xylene	117		46 - 175

Analytical Data

Client: URS Corporation

Job Number: 480-71818-1

Client Sample ID: PDS-53-2-2.5

Lab Sample ID: 480-71818-11

Date Sampled: 11/21/2014 1240

Client Matrix: Solid

% Moisture: 14.4

Date Received: 11/21/2014 1655

8082A Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analysis Method:	8082A	Analysis Batch:	480-215558	Instrument ID:	HP5890-12
Prep Method:	3550C	Prep Batch:	480-215440	Initial Weight/Volume:	+2.34 g
Dilution:	1.0			Final Weight/Volume:	10 mL
Analysis Date:	11/24/2014 1331			Injection Volume:	1 uL
Prep Date:	11/22/2014 0929			Result Type:	PRIMARY

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
PCB-1016		ND		49	250
PCB-1221		ND		49	250
PCB-1232		ND		49	250
PCB-1242		ND		49	250
PCB-1248		ND		49	250
PCB-1254		ND		120	250
PCB-1260		ND	uJ	120	250

Surrogate	%Rec	Qualifier	Acceptance Limits
DCB Decachlorobiphenyl	139		47 - 176
Tetrachloro-m-xylene	110		46 - 175

12/1/14

Analytical Data

Client: URS Corporation

Job Number: 480-70454-2

Client Sample ID: PDS-54-0-0.5

Lab Sample ID: 480-70454-4

Date Sampled: 10/30/2014 1235

Client Matrix: Solid

% Moisture: 20.5

Date Received: 10/30/2014 1500

8082A Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analysis Method:	8082A	Analysis Batch:	480-214308	Instrument ID:	HP5890-12
Prep Method:	3550C	Prep Batch:	480-214122	Initial Weight/Volume:	+2.59 g
Dilution:	1.0			Final Weight/Volume:	10 mL
Analysis Date:	11/15/2014 2010			Injection Volume:	1 uL
Prep Date:	11/14/2014 1021			Result Type:	PRIMARY

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
PCB-1016		ND		47	240
PCB-1221		ND		47	240
PCB-1232		ND		47	240
PCB-1242		ND		47	240
PCB-1248		ND		47	240
PCB-1254		ND		110	240
PCB-1260		650 J		110	240

Surrogate	%Rec	Qualifier	Acceptance Limits
DCB Decachlorobiphenyl	93		47 - 176
Tetrachloro-m-xylene	115		46 - 175

12/29/14
M

Analytical Data

Client: URS Corporation

Job Number: 480-70454-1

Client Sample ID: PDS-56-0-0.5

Lab Sample ID: 480-70454-8

Date Sampled: 10/30/2014 1310

Client Matrix: Solid

% Moisture: 28.1

Date Received: 10/30/2014 1500

8082A Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analysis Method:	8082A	Analysis Batch:	480-211223	Instrument ID:	HP5890-12
Prep Method:	3550C	Prep Batch:	480-211227	Initial Weight/Volume:	+2.80 g
Dilution:	1.0			Final Weight/Volume:	10 mL
Analysis Date:	11/01/2014 0826			Injection Volume:	1 uL
Prep Date:	10/31/2014 0858			Result Type:	PRIMARY

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
PCB-1016		ND		49	250
PCB-1221		ND		49	250
PCB-1232		ND		49	250
PCB-1242		ND		49	250
PCB-1248		ND		49	250
PCB-1254		ND		120	250
PCB-1260		400		120	250

Surrogate	%Rec	Qualifier	Acceptance Limits
DCB Decachlorobiphenyl	107		47 - 176
Tetrachloro-m-xylene	107		46 - 175

Analytical Data

Client: URS Corporation

Job Number: 480-71818-1

Client Sample ID: PDS-57-0-0.5

Lab Sample ID: 480-71818-1

Date Sampled: 11/21/2014 0750

Client Matrix: Solid

% Moisture: 13.7

Date Received: 11/21/2014 1655

8082A Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analysis Method:	8082A	Analysis Batch:	480-215558	Instrument ID:	HP5890-12
Prep Method:	3550C	Prep Batch:	480-215440	Initial Weight/Volume:	+2.29 g
Dilution:	20			Final Weight/Volume:	10 mL
Analysis Date:	11/24/2014 1301			Injection Volume:	1 uL
Prep Date:	11/22/2014 0929			Result Type:	PRIMARY

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
PCB-1016		ND		990	5100
PCB-1221		ND		990	5100
PCB-1232		ND		990	5100
PCB-1242		ND		990	5100
PCB-1248		ND		990	5100
PCB-1254		ND		2400	5100
PCB-1260		100000 J		2400	5100

Surrogate	%Rec	Qualifier	Acceptance Limits
DCB Decachlorobiphenyl	139		47 - 176
Tetrachloro-m-xylene	71	p	46 - 175

12/1/14
m

Analytical Data

Client: URS Corporation

Job Number: 480-71818-1

Client Sample ID: PDS-58-0-0.5

Lab Sample ID: 480-71818-3

Date Sampled: 11/21/2014 0845

Client Matrix: Solid

% Moisture: 26.5

Date Received: 11/21/2014 1655

8082A Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analysis Method:	8082A	Analysis Batch:	480-215558	Instrument ID:	HP5890-12
Prep Method:	3550C	Prep Batch:	480-215440	Initial Weight/Volume:	+2.12 g
Dilution:	1.0			Final Weight/Volume:	10 mL
Analysis Date:	11/24/2014 1316			Injection Volume:	1 uL
Prep Date:	11/22/2014 0929			Result Type:	PRIMARY

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
PCB-1016		ND		63	320
PCB-1221		ND		63	320
PCB-1232		ND		63	320
PCB-1242		ND		63	320
PCB-1248		ND		63	320
PCB-1254		ND		150	320
PCB-1260		2500 J		150	320

Surrogate	%Rec	Qualifier	Acceptance Limits
DCB Decachlorobiphenyl	108		47 - 176
Tetrachloro-m-xylene	101		46 - 175

12/1/14
2

Analytical Data

Client: URS Corporation

Job Number: 480-71818-1

Client Sample ID: 20141121-FD-1

(PDS-58-0-0.5)

Lab Sample ID: 480-71818-17

Date Sampled: 11/21/2014 0000

Client Matrix: Solid

% Moisture: 29.1

Date Received: 11/21/2014 1655

8082A Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analysis Method:	8082A	Analysis Batch:	480-215558	Instrument ID:	HP5890-12
Prep Method:	3550C	Prep Batch:	480-215440	Initial Weight/Volume:	+2.82 g
Dilution:	1.0			Final Weight/Volume:	10 mL
Analysis Date:	11/24/2014 1346			Injection Volume:	1 uL
Prep Date:	11/22/2014 0929			Result Type:	PRIMARY

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
PCB-1016		ND		49	250
PCB-1221		ND		49	250
PCB-1232		ND		49	250
PCB-1242		ND		49	250
PCB-1248		ND		49	250
PCB-1254		ND		120	250
PCB-1260		2000 J		120	250

Surrogate	%Rec	Qualifier	Acceptance Limits
DCB Decachlorobiphenyl	110		47 - 176
Tetrachloro-m-xylene	103		46 - 175

12/1/14
P

Analytical Data

Client: URS Corporation

Job Number: 480-71818-2

Client Sample ID: PDS-58-1-1.5

Lab Sample ID: 480-71818-4

Date Sampled: 11/21/2014 0855

Client Matrix: Solid

% Moisture: 18.8

Date Received: 11/21/2014 1655

8082A Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analysis Method: 8082A	Analysis Batch: 480-216526	Instrument ID: HP6890-7
Prep Method: 3550C	Prep Batch: 480-216291	Initial Weight/Volume: +2.34 g
Dilution: 1.0		Final Weight/Volume: 10 mL
Analysis Date: 12/01/2014 0942		Injection Volume: 1 uL
Prep Date: 11/28/2014 0800		Result Type: PRIMARY

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
PCB-1016		ND		51	260
PCB-1221		ND		51	260
PCB-1232		ND		51	260
PCB-1242		ND		51	260
PCB-1248		ND		51	260
PCB-1254		190	NJ	120	260
PCB-1260		580		120	260

Surrogate	%Rec	Qualifier	Acceptance Limits
DCB Decachlorobiphenyl	95		47 - 176
Tetrachloro-m-xylene	99		46 - 175

12/3/14
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Analytical Data

Client: URS Corporation

Job Number: 480-71818-2

Client Sample ID: PDS-59-0-0.5

Lab Sample ID: 480-71818-7

Date Sampled: 11/21/2014 0900

Client Matrix: Solid

% Moisture: 21.5

Date Received: 11/21/2014 1655

8082A Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analysis Method:	8082A	Analysis Batch:	480-216526	Instrument ID:	HP6890-7
Prep Method:	3550C	Prep Batch:	480-216291	Initial Weight/Volume:	+2.18 g
Dilution:	1.0			Final Weight/Volume:	10 mL
Analysis Date:	12/01/2014 0958			Injection Volume:	1 uL
Prep Date:	11/28/2014 0800			Result Type:	PRIMARY

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
PCB-1016		ND		57	290
PCB-1221		ND		57	290
PCB-1232		ND		57	290
PCB-1242		ND		57	290
PCB-1248		ND		57	290
PCB-1254		330	NJ	140	290
PCB-1260		750		140	290

Surrogate	%Rec	Qualifier	Acceptance Limits
DCB Decachlorobiphenyl	102		47 - 176
Tetrachloro-m-xylene	110		46 - 175

12/01/14
2

Analytical Data

Client: URS Corporation

Job Number: 480-71818-3

Client Sample ID: PDS-59-1-1.5

Lab Sample ID: 480-71818-8

Date Sampled: 11/21/2014 0930

Client Matrix: Solid

% Moisture: 21.0

Date Received: 11/21/2014 1655

8082A Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analysis Method: 8082A	Analysis Batch: 480-217181	Instrument ID: HP5890-12	
Prep Method: 3550C	Prep Batch: 480-216908	Initial Weight/Volume: +2.88 g	
Dilution: 1.0		Final Weight/Volume: 10 mL	
Analysis Date: 12/04/2014 1304		Injection Volume: 1 uL	
Prep Date: 12/03/2014 0757		Result Type: PRIMARY	

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
PCB-1016		ND		43	220
PCB-1221		ND		43	220
PCB-1232		ND		43	220
PCB-1242		ND		43	220
PCB-1248		ND		43	220
PCB-1254		ND		100	220
PCB-1260		ND		100	220

Surrogate	%Rec	Qualifier	Acceptance Limits
DCB Decachlorobiphenyl	136		47 - 176
Tetrachloro-m-xylene	107		46 - 175

Analytical Data

Client: URS Corporation

Job Number: 480-71818-2

Client Sample ID: PDS-60-0-0.5

Lab Sample ID: 480-71818-2

Date Sampled: 11/21/2014 0800

Client Matrix: Solid

% Moisture: 25.0

Date Received: 11/21/2014 1655

8082A Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analysis Method: 8082A	Analysis Batch: 480-216526	Instrument ID: HP6890-7	
Prep Method: 3550C	Prep Batch: 480-216291	Initial Weight/Volume: +2.17 g	
Dilution: 5.0		Final Weight/Volume: 10 mL	
Analysis Date: 12/01/2014 0927		Injection Volume: 1 uL	
Prep Date: 11/28/2014 0800		Result Type: PRIMARY	

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
PCB-1016		ND		300	1500
PCB-1221		ND		300	1500
PCB-1232		ND		300	1500
PCB-1242		ND		300	1500
PCB-1248		ND		300	1500
PCB-1254		7600 <i>NJ</i>		720	1500
PCB-1260		17000		720	1500

Surrogate	%Rec	Qualifier	Acceptance Limits
DCB Decachlorobiphenyl	96		47 - 176
Tetrachloro-m-xylene	100		46 - 175

12/3/14
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Analytical Data

Client: URS Corporation

Job Number: 480-71818-2

Client Sample ID: PDS-61-0-0.5

Lab Sample ID: 480-71818-13

Date Sampled: 11/21/2014 1000

Client Matrix: Solid

% Moisture: 22.6

Date Received: 11/21/2014 1655

8082A Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analysis Method:	8082A	Analysis Batch:	480-216526	Instrument ID:	HP6890-7
Prep Method:	3550C	Prep Batch:	480-216291	Initial Weight/Volume:	+2.94 g
Dilution:	1.0			Final Weight/Volume:	10 mL
Analysis Date:	12/01/2014 1014			Injection Volume:	1 uL
Prep Date:	11/28/2014 0800			Result Type:	PRIMARY

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
PCB-1016		ND		43	220
PCB-1221		ND		43	220
PCB-1232		ND		43	220
PCB-1242		ND		43	220
PCB-1248		ND		43	220
PCB-1254		250	NJ	100	220
PCB-1260		520		100	220
Surrogate		%Rec	Qualifier	Acceptance Limits	
DCB Decachlorobiphenyl		95		47 - 176	
Tetrachloro-m-xylene		104		46 - 175	

12/3/14
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Analytical Data

Client: URS Corporation

Job Number: 480-71818-3

Client Sample ID: PDS-62-0-0.5

Lab Sample ID: 480-71818-9

Date Sampled: 11/21/2014 1110

Client Matrix: Solid

% Moisture: 14.1

Date Received: 11/21/2014 1655

8082A Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analysis Method:	8082A	Analysis Batch:	480-217181	Instrument ID:	HP5890-12
Prep Method:	3550C	Prep Batch:	480-216908	Initial Weight/Volume:	+2.23 g
Dilution:	1.0			Final Weight/Volume:	10 mL
Analysis Date:	12/04/2014 1319			Injection Volume:	1 uL
Prep Date:	12/03/2014 0757			Result Type:	PRIMARY

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
PCB-1016		ND		51	260
PCB-1221		ND		51	260
PCB-1232		ND		51	260
PCB-1242		ND		51	260
PCB-1248		ND		51	260
PCB-1254		2200		120	260
PCB-1260		910	J	120	260

Surrogate	%Rec	Qualifier	Acceptance Limits
DCB Decachlorobiphenyl	135		47 - 176
Tetrachloro-m-xylene	108		46 - 175

12/15/14
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Analytical Data

Client: URS Corporation

Job Number: 480-71818-4

Client Sample ID: PDS-62-1-1.5

Lab Sample ID: 480-71818-10

Date Sampled: 11/21/2014 1115

Client Matrix: Solid

% Moisture: 23.8


Date Received: 11/21/2014 1655

8082A Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analysis Method: 8082A	Analysis Batch: 480-218233	Instrument ID: HP5890-12
Prep Method: 3550C	Prep Batch: 480-218113	Initial Weight/Volume: +2.13 g
Dilution: 1.0		Final Weight/Volume: 10 mL
Analysis Date: 12/10/2014 1029		Injection Volume: 1 uL
Prep Date: 12/09/2014 1506		Result Type: PRIMARY

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
PCB-1016		ND		60	310
PCB-1221		ND		60	310
PCB-1232		ND		60	310
PCB-1242		ND		60	310
PCB-1248		ND		60	310
PCB-1254		ND		140	310
PCB-1260		140 ND	//	140	310

Surrogate	%Rec	Qualifier	Acceptance Limits
DCB Decachlorobiphenyl	91		47 - 176
Tetrachloro-m-xylene	93		46 - 175

12/15/14


Analytical Data

Client: URS Corporation

Job Number: 480-71818-3

Client Sample ID: PDS- 63 0-0.5

Lab Sample ID: 480-72071-1

Date Sampled: 11/21/2014 1525

Client Matrix: Solid

% Moisture: 26.8

12/15/14

Date Received: 11/28/2014 1438

8082A Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analysis Method:	8082A	Analysis Batch:	480-217181	Instrument ID:	HP5890-12
Prep Method:	3550C	Prep Batch:	480-216908	Initial Weight/Volume:	+2.57 g
Dilution:	5.0			Final Weight/Volume:	10 mL
Analysis Date:	12/04/2014 1334			Injection Volume:	1 uL
Prep Date:	12/03/2014 0757			Result Type:	PRIMARY

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
PCB-1016		ND		260	1300
PCB-1221		ND		260	1300
PCB-1232		ND		260	1300
PCB-1242		ND		260	1300
PCB-1248		ND		260	1300
PCB-1254		ND		620	1300
PCB-1260		15000		620	1300

Surrogate	%Rec	Qualifier	Acceptance Limits
DCB Decachlorobiphenyl	122		47 - 176
Tetrachloro-m-xylene	87		46 - 175

Analytical Data

Client: URS Corporation

Job Number: 480-71818-4

Client Sample ID: PDS- 64-0-0.5

Lab Sample ID: 480-72071-2

Date Sampled: 11/21/2014 1358

Client Matrix: Solid

% Moisture: 25.8

Date Received: 11/25/2014 1438

8082A Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analysis Method: 8082A	Analysis Batch: 480-218553	Instrument ID: HP6890-7	
Prep Method: 3550C	Prep Batch: 480-218306	Initial Weight/Volume: +2.15 g	
Dilution: 1.0		Final Weight/Volume: 10 mL	
Analysis Date: 12/11/2014 1615		Injection Volume: 1 uL	
Prep Date: 12/10/2014 1029		Result Type: PRIMARY	

12/15/14
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Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
PCB-1016		ND		61	310
PCB-1221		ND		61	310
PCB-1232		ND		61	310
PCB-1242		ND		61	310
PCB-1248		ND		61	310
PCB-1254		200	N J	150	310
PCB-1260		440		150	310

Surrogate	%Rec	Qualifier	Acceptance Limits
DCB Decachlorobiphenyl	86		47 - 176
Tetrachloro-m-xylene	87		46 - 175

Analytical Data

Client: URS Corporation

Job Number: 480-71818-4

Client Sample ID: PDS-65-0-0.5

Lab Sample ID: 480-72071-6

Date Sampled: 11/21/2014 1420

Client Matrix: Solid

% Moisture: 17.5

Date Received: 11/25/2014 1438

8082A Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analysis Method: 8082A	Analysis Batch: 480-218553	Instrument ID: HP6890-7
Prep Method: 3550C	Prep Batch: 480-218306	Initial Weight/Volume: +2.61 g
Dilution: 1.0		Final Weight/Volume: 10 mL
Analysis Date: 12/11/2014 1630		Injection Volume: 1 uL
Prep Date: 12/10/2014 1029		Result Type: PRIMARY

12/15/14

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
PCB-1016		ND		45	230
PCB-1221		ND		45	230
PCB-1232		ND		45	230
PCB-1242		ND		45	230
PCB-1248		ND		45	230
PCB-1254		460		110	230
PCB-1260		110	J	110	230

Surrogate	%Rec	Qualifier	Acceptance Limits
DCB Decachlorobiphenyl	82		47 - 176
Tetrachloro-m-xylene	82		46 - 175

Analytical Data

Client: URS Corporation

Job Number: 480-71818-4

Client Sample ID: PDS-66-0-0.5

Lab Sample ID: 480-72071-8

Date Sampled: 11/24/2014 1215

Client Matrix: Solid

% Moisture: 19.3

Date Received: 11/26/2014 1438

8082A Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analysis Method:	8082A	Analysis Batch:	480-218553	Instrument ID:	HP6890-7
Prep Method:	3550C	Prep Batch:	480-218306	Initial Weight/Volume:	+2.08 g
Dilution:	1.0			Final Weight/Volume:	10 mL
Analysis Date:	12/11/2014 1559			Injection Volume:	1 uL
Prep Date:	12/10/2014 1029			Result Type:	PRIMARY

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
PCB-1016		ND		58	300
PCB-1221		ND		58	300
PCB-1232		ND		58	300
PCB-1242		ND		58	300
PCB-1248		ND		58	300
PCB-1254		2100		140	300
PCB-1260		4000		140	300

Surrogate	%Rec	Qualifier	Acceptance Limits
DCB Decachlorobiphenyl	81		47 - 176
Tetrachloro-m-xylene	81		46 - 175

Analytical Data

Client: URS Corporation

Job Number: 480-71818-4

Client Sample ID: 20141124-FD-1 *PDS-66(0-0.5')*

Lab Sample ID: 480-72071-15

Date Sampled: 11/24/2014 0000

Client Matrix: Solid

% Moisture: 21.6

Date Received: 11/25/2014 1438

8082A Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analysis Method: 8082A Analysis Batch: 480-218553 Instrument ID: HP6890-7
Prep Method: 3550C Prep Batch: 480-218306 Initial Weight/Volume: +2.94 g
Dilution: 1.0 Final Weight/Volume: 10 mL
Analysis Date: 12/11/2014 1646 Injection Volume: 1 uL
Prep Date: 12/10/2014 1029 Result Type: PRIMARY

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
PCB-1016		ND		42	220
PCB-1221		ND		42	220
PCB-1232		ND		42	220
PCB-1242		ND		42	220
PCB-1248		ND		42	220
PCB-1254		2000		100	220
PCB-1260		3800		100	220

Surrogate	%Rec	Qualifier	Acceptance Limits
DCB Decachlorobiphenyl	75		47 - 176
Tetrachloro-m-xylene	78		46 - 175

Analytical Data

Client: URS Corporation

Job Number: 480-72071-1

Client Sample ID: PDS-67-0-0.5

Lab Sample ID: 480-72071-9

Date Sampled: 11/24/2014 0803

Client Matrix: Solid

% Moisture: 29.7

Date Received: 11/26/2014 1438

8082A Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analysis Method: 8082A	Analysis Batch: 480-219234	Instrument ID: HP6890-7
Prep Method: 3550C	Prep Batch: 480-219136	Initial Weight/Volume: +2.99 g
Dilution: 1.0		Final Weight/Volume: 10 mL
Analysis Date: 12/15/2014 2303		Injection Volume: 1 uL
Prep Date: 12/15/2014 0840		Result Type: PRIMARY

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
PCB-1016		ND		47	240
PCB-1221		ND		47	240
PCB-1232		ND		47	240
PCB-1242		ND		47	240
PCB-1248		ND		47	240
PCB-1254		ND		110	240
PCB-1260		600		110	240

Surrogate	%Rec	Qualifier	Acceptance Limits
DCB Decachlorobiphenyl	94		47 - 176
Tetrachloro-m-xylene	86		46 - 175

Analytical Data

Client: URS Corporation

Job Number: 480-72071-1

Client Sample ID: PDS-69-0-0.5

Lab Sample ID: 480-72072-1

Date Sampled: 11/24/2014 1220

Client Matrix: Solid

% Moisture: 37.6

Date Received: 11/26/2014 1442

8082A Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analysis Method:	8082A	Analysis Batch:	480-219234	Instrument ID:	HP6890-7
Prep Method:	3550C	Prep Batch:	480-219136	Initial Weight/Volume:	+2.21 g
Dilution:	1.0			Final Weight/Volume:	10 mL
Analysis Date:	12/15/2014 2319			Injection Volume:	1 uL
Prep Date:	12/15/2014 0840			Result Type:	PRIMARY

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
PCB-1016		ND		71	360
PCB-1221		ND		71	360
PCB-1232		ND		71	360
PCB-1242		ND		71	360
PCB-1248		ND		71	360
PCB-1254		ND		170	360
PCB-1260		4600		170	360

Surrogate	%Rec	Qualifier	Acceptance Limits
DCB Decachlorobiphenyl	74		47 - 176
Tetrachloro-m-xylene	73		46 - 175

Analytical Data

Client: URS Corporation

Job Number: 480-72072-1

Client Sample ID: PDS-70-0-0.5

Lab Sample ID: 480-72072-2

Date Sampled: 11/24/2014 0915

Client Matrix: Solid

% Moisture: 31.3

Date Received: 11/26/2014 1442

8082A Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analysis Method: 8082A	Analysis Batch: 480-219973	Instrument ID: HP5890-12
Prep Method: 3550C	Prep Batch: 480-219861	Initial Weight/Volume: +2.17 g
Dilution: 1.0		Final Weight/Volume: 10 mL
Analysis Date: 12/18/2014 1913		Injection Volume: 1 uL
Prep Date: 12/18/2014 0940		Result Type: PRIMARY

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
PCB-1016		ND		66	340
PCB-1221		ND		66	340
PCB-1232		ND		66	340
PCB-1242		ND		66	340
PCB-1248		ND		66	340
PCB-1254		ND		160	340
PCB-1260		1900		160	340

Surrogate	%Rec	Qualifier	Acceptance Limits
DCB Decachlorobiphenyl	94		47 - 176
Tetrachloro-m-xylene	91		46 - 175

Analytical Data

Client: URS Corporation

Job Number: 480-72072-2

Client Sample ID: PDS-70-1-1.5

Lab Sample ID: 480-72072-3

Date Sampled: 11/24/2014 0932

Client Matrix: Solid

% Moisture: 13.2

Date Received: 11/26/2014 1442

8082A Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analysis Method: 8082A	Analysis Batch: 480-220754	Instrument ID: HP6890-7	
Prep Method: 3550C	Prep Batch: 480-220560	Initial Weight/Volume: +2.70 g	
Dilution: 1.0		Final Weight/Volume: 10 mL	
Analysis Date: 12/24/2014 0906		Injection Volume: 1 µL	
Prep Date: 12/23/2014 0829		Result Type: PRIMARY	

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
PCB-1016		ND		42	210
PCB-1221		ND		42	210
PCB-1232		ND		42	210
PCB-1242		ND		42	210
PCB-1248		ND		42	210
PCB-1254		ND		100	210
PCB-1260		ND	UJ	100	210

Surrogate	%Rec	Qualifier	Acceptance Limits
DCB Decachlorobiphenyl	113		47 - 176
Tetrachloro-m-xylene	95		46 - 175

12/31/14
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Analytical Data

Client: URS Corporation

Job Number: 480-72072-2

Client Sample ID: PDS-71-0-0.5

Lab Sample ID: 480-72072-6

Date Sampled: 11/24/2014 0915

Client Matrix: Solid

% Moisture: 18.4

Date Received: 11/26/2014 1442

8082A Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analysis Method:	8082A	Analysis Batch:	480-220754	Instrument ID:	HP6890-7
Prep Method:	3550C	Prep Batch:	480-220560	Initial Weight/Volume:	+2.02 g
Dilution:	1.0			Final Weight/Volume:	10 mL
Analysis Date:	12/24/2014 0922			Injection Volume:	1 uL
Prep Date:	12/23/2014 0829			Result Type:	PRIMARY

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
PCB-1016		ND		59	300
PCB-1221		ND		59	300
PCB-1232		ND		59	300
PCB-1242		ND		59	300
PCB-1248		ND		59	300
PCB-1254		330		140	300
PCB-1260		ND <i>uJ</i>		140	300

Surrogate	%Rec	Qualifier	Acceptance Limits
DCB Decachlorobiphenyl	100		47 - 176
Tetrachloro-m-xylene	91		46 - 175

12/31/14
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Analytical Data

Client: URS Corporation

Job Number: 480-72072-1

Client Sample ID: PDS-72-0-0.5

Lab Sample ID: 480-72072-8

Date Sampled: 11/24/2014 1225

Client Matrix: Solid

% Moisture: 25.3

Date Received: 11/26/2014 1442

8082A Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analysis Method:	8082A	Analysis Batch:	480-219973	Instrument ID:	HP5890-12
Prep Method:	3550C	Prep Batch:	480-219861	Initial Weight/Volume:	+2.36 g
Dilution:	2.0			Final Weight/Volume:	10 mL
Analysis Date:	12/18/2014 1928			Injection Volume:	1 µL
Prep Date:	12/18/2014 0940			Result Type:	PRIMARY

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
PCB-1016		ND		110	570
PCB-1221		ND		110	570
PCB-1232		ND		110	570
PCB-1242		ND		110	570
PCB-1248		ND		110	570
PCB-1254		ND		270	570
PCB-1260		12000		270	570

Surrogate	%Rec	Qualifier	Acceptance Limits
DCB Decachlorobiphenyl	106		47 - 176
Tetrachloro-m-xylene	98		46 - 175

Analytical Data

Client: URS Corporation

Job Number: 480-72072-2

Client Sample ID: PDS-73-0-0.5

Lab Sample ID: 480-72072-9

Date Sampled: 11/24/2014 1013

Client Matrix: Solid

% Moisture: 30.8

Date Received: 11/26/2014 1442

8082A Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analysis Method:	8082A	Analysis Batch:	480-220754	Instrument ID:	HP6890-7
Prep Method:	3550C	Prep Batch:	480-220560	Initial Weight/Volume:	+2.23 g
Dilution:	1.0			Final Weight/Volume:	10 mL
Analysis Date:	12/24/2014 0937			Injection Volume:	1 uL
Prep Date:	12/23/2014 0829			Result Type:	PRIMARY

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
PCB-1016		ND		63	320
PCB-1221		ND		63	320
PCB-1232		ND		63	320
PCB-1242		ND		63	320
PCB-1248		ND		63	320
PCB-1254		ND		150	320
PCB-1260		250	J	150	320
Surrogate		%Rec	Qualifier	Acceptance Limits	
DCB Decachlorobiphenyl		102		47 - 176	
Tetrachloro-m-xylene		90		46 - 175	

Analytical Data

Client: URS Corporation

Job Number: 480-67369-1

Client Sample ID: PDS-RB-091614-TROWEL

Lab Sample ID: 480-67369-38

Date Sampled: 09/16/2014 1305

Client Matrix: Water

Date Received: 09/16/2014 1445

8082A Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analysis Method:	8082A	Analysis Batch:	480-203464	Instrument ID:	HP5890-12
Prep Method:	3510C	Prep Batch:	480-203254	Initial Weight/Volume:	272.3 mL
Dilution:	1.0			Final Weight/Volume:	2 mL
Analysis Date:	09/20/2014 1027			Injection Volume:	1 uL
Prep Date:	09/19/2014 0753			Result Type:	PRIMARY

Analyte	Result (ug/L)	Qualifier	MDL	RL
PCB-1016	ND		0.16	0.46
PCB-1221	ND		0.16	0.46
PCB-1232	ND		0.16	0.46
PCB-1242	ND		0.16	0.46
PCB-1248	ND		0.16	0.46
PCB-1254	ND		0.23	0.46
PCB-1260	ND		0.23	0.46
Polychlorinated biphenyls, Total	ND		0.23	0.46

Surrogate	%Rec	Qualifier	Acceptance Limits
DCB Decachlorobiphenyl	98		19 - 126
Tetrachloro-m-xylene	85		23 - 127

Analytical Data

Client: URS Corporation

Job Number: 480-67369-1

Client Sample ID: PDS-RB-091614-AUGER

Lab Sample ID: 480-67369-39

Date Sampled: 09/16/2014 1310

Client Matrix: Water

Date Received: 09/16/2014 1445

8082A Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analysis Method:	8082A	Analysis Batch:	480-203464	Instrument ID:	HP5890-12
Prep Method:	3510C	Prep Batch:	480-203254	Initial Weight/Volume:	270.1 mL
Dilution:	1.0			Final Weight/Volume:	2 mL
Analysis Date:	09/20/2014 1042			Injection Volume:	1 uL
Prep Date:	09/19/2014 0753			Result Type:	PRIMARY

Analyte	Result (ug/L)	Qualifier	MDL	RL
PCB-1016	ND		0.16	0.46
PCB-1221	ND		0.16	0.46
PCB-1232	ND		0.16	0.46
PCB-1242	ND		0.16	0.46
PCB-1248	ND		0.16	0.46
PCB-1254	ND		0.23	0.46
PCB-1260	ND		0.23	0.46
Polychlorinated biphenyls, Total	ND		0.23	0.46

Surrogate	%Rec	Qualifier	Acceptance Limits
DCB Decachlorobiphenyl	99		19 - 126
Tetrachloro-m-xylene	78		23 - 127

Analytical Data

Client: URS Corporation

Job Number: 480-67374-1

Client Sample ID: PDS-RB-091614 CHIPPING TOOL

Lab Sample ID: 480-67374-6

Date Sampled: 09/16/2014 1300

Client Matrix: Water

Date Received: 09/16/2014 1445

8082A Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analysis Method:	8082A	Analysis Batch:	480-203464	Instrument ID:	HP5890-12
Prep Method:	3510C	Prep Batch:	480-203254	Initial Weight/Volume:	275.8 mL
Dilution:	1.0			Final Weight/Volume:	2 mL
Analysis Date:	09/20/2014 1057			Injection Volume:	1 uL
Prep Date:	09/19/2014 0753			Result Type:	PRIMARY

Analyte	Result (ug/L)	Qualifier	MDL	RL
PCB-1016	ND		0.16	0.45
PCB-1221	ND		0.16	0.45
PCB-1232	ND		0.16	0.45
PCB-1242	ND		0.16	0.45
PCB-1248	ND		0.16	0.45
PCB-1254	ND		0.23	0.45
PCB-1260	ND		0.23	0.45
Polychlorinated biphenyls, Total	ND		0.23	0.45

Surrogate	%Rec	Qualifier	Acceptance Limits
DCB Decachlorobiphenyl	98		19 - 126
Tetrachloro-m-xylene	76		23 - 127

Analytical Data

Client: URS Corporation

Job Number: 480-70454-1

Client Sample ID: PDS-RB-103014-TROWEL

Lab Sample ID: 480-70454-12

Date Sampled: 10/30/2014 1410

Client Matrix: Water

Date Received: 10/30/2014 1500

8082A Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analysis Method:	8082A	Analysis Batch:	480-211489	Instrument ID:	HP5890-12
Prep Method:	3510C	Prep Batch:	480-211203	Initial Weight/Volume:	260.4 mL
Dilution:	1.0			Final Weight/Volume:	2 mL
Analysis Date:	11/01/2014 1811			Injection Volume:	1 uL
Prep Date:	10/31/2014 0816			Result Type:	PRIMARY

Analyte	Result (ug/L)	Qualifier	MDL	RL
PCB-1016	ND		0.17	0.48
PCB-1221	ND		0.17	0.48
PCB-1232	ND		0.17	0.48
PCB-1242	ND		0.17	0.48
PCB-1248	ND		0.17	0.48
PCB-1254	ND		0.24	0.48
PCB-1260	ND		0.24	0.48

Surrogate	%Rec	Qualifier	Acceptance Limits
DCB Decachlorobiphenyl	62		19 - 126
Tetrachloro-m-xylene	28	p	23 - 127

Analytical Data

Client: URS Corporation

Job Number: 480-70454-1

Client Sample ID: PDS-RB-103014-AUGER

Lab Sample ID: 480-70454-13

Date Sampled: 10/30/2014 1415

Client Matrix: Water

Date Received: 10/30/2014 1500

8082A Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analysis Method:	8082A	Analysis Batch:	480-211489	Instrument ID:	HP5890-12
Prep Method:	3510C	Prep Batch:	480-211203	Initial Weight/Volume:	268.8 mL
Dilution:	1.0			Final Weight/Volume:	2 mL
Analysis Date:	11/01/2014 1826			Injection Volume:	1 uL
Prep Date:	10/31/2014 0816			Result Type:	PRIMARY

Analyte	Result (ug/L)	Qualifier	MDL	RL
PCB-1016	ND		0.16	0.47
PCB-1221	ND		0.16	0.47
PCB-1232	ND		0.16	0.47
PCB-1242	ND		0.16	0.47
PCB-1248	ND		0.16	0.47
PCB-1254	ND		0.23	0.47
PCB-1260	ND		0.23	0.47

Surrogate	%Rec	Qualifier	Acceptance Limits
DCB Decachlorobiphenyl	55		19 - 126
Tetrachloro-m-xylene	73		23 - 127

Analytical Data

Client: URS Corporation

Job Number: 480-71818-1

Client Sample ID: PDS-RB-20141121-TROWELL

Lab Sample ID: 480-71818-18

Date Sampled: 11/21/2014 0800

Client Matrix: Water

Date Received: 11/21/2014 1655

8082A Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analysis Method:	8082A	Analysis Batch:	480-215808	Instrument ID:	HP6890-7
Prep Method:	3510C	Prep Batch:	480-215602	Initial Weight/Volume:	254.4 mL
Dilution:	1.0			Final Weight/Volume:	2 mL
Analysis Date:	11/25/2014 1805			Injection Volume:	1 uL
Prep Date:	11/24/2014 0805			Result Type:	PRIMARY

Analyte	Result (ug/L)	Qualifier	MDL	RL
PCB-1016	ND		0.17	0.49
PCB-1221	ND		0.17	0.49
PCB-1232	ND		0.17	0.49
PCB-1242	ND		0.17	0.49
PCB-1248	ND		0.17	0.49
PCB-1254	ND		0.25	0.49
PCB-1260	ND		0.25	0.49

Surrogate	%Rec	Qualifier	Acceptance Limits
DCB Decachlorobiphenyl	53		19 - 126
Tetrachloro-m-xylene	83		23 - 127

Analytical Data

Client: URS Corporation

Job Number: 480-71818-1

Client Sample ID: PDS-RB-20141121-AUGER

Lab Sample ID: 480-71818-19

Date Sampled: 11/21/2014 1015

Client Matrix: Water

Date Received: 11/21/2014 1655

8082A Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analysis Method:	8082A	Analysis Batch:	480-215808	Instrument ID:	HP6890-7
Prep Method:	3510C	Prep Batch:	480-215602	Initial Weight/Volume:	268.8 mL
Dilution:	1.0			Final Weight/Volume:	2 mL
Analysis Date:	11/25/2014 1821			Injection Volume:	1 uL
Prep Date:	11/24/2014 0805			Result Type:	PRIMARY

Analyte	Result (ug/L)	Qualifier	MDL	RL
PCB-1016	ND		0.16	0.47
PCB-1221	ND		0.16	0.47
PCB-1232	ND		0.16	0.47
PCB-1242	ND		0.16	0.47
PCB-1248	ND		0.16	0.47
PCB-1254	ND		0.23	0.47
PCB-1260	ND		0.23	0.47

Surrogate	%Rec	Qualifier	Acceptance Limits
DCB Decachlorobiphenyl	45		19 - 126
Tetrachloro-m-xylene	79		23 - 127

ATTACHMENT B
SUPPORT DOCUMENTATION

CHAIN OF CUSTODY RECORD

PROJECT NO. 38395294.20000
 SITE NAME GE Tonawanda
 SAMPLERS (PRINT/SIGNATURE) Tom Urban / Tom Urban

DELIVERY SERVICE: Drop off AIRBILL NO.:

LOCATION IDENTIFIER	DATE	TIME	COMPI/GRAB	SAMPLE ID	MATRIX	TOTAL NO. # OF CONTAINERS
PDS-50	9/16/14	0935	G	PDS-50-0-0.5	SO	1
PDS-50		0940		PDS-50-0-0.5		1
PDS-51		0945		PDS-51-0-0.5		1
PDS-51		0950		PDS-51-1-1.5		1
PDS-48		0955		PDS-48-0-0.5		1
PDS-48		1000		PDS-48-1-1.5		1
PDS-49		1005		PDS-49-0-0.5		1
PDS-49		1010		PDS-49-1-1.5		1
PDS-46		1015		PDS-46-0-0.5		1
PDS-46		1015		PDS-46-MS1		1
PDS-46		1015		PDS-46-SD1		1
PDS-46		1020		PDS-46-1-1.5		1
PDS-47		1025		PDS-47-0-0.5		1

MATRIX CODES	AA - AMBIENT AIR	SE - SEDIMENT	SH - HAZARDOUS SOLID WASTE	SL - SLUDGE	WP - DRINKING WATER	WW - WASTE WATER	WL - LEACHATE	WS - SOIL GAS	WG - OCEAN WATER	WO - SURFACE WATER	WQ - WATER FIELD QC
SAMPLE TYPE CODES	TB# - TRIP BLANK	SD# - MATRIX SPIKE DUPLICATE	RB# - RINSE BLANK	FR# - FIELD REPLICATE	N# - NORMAL ENVIRONMENTAL SAMPLE	MS# - MATRIX SPIKE	WC - DRILL CUTTINGS	GS - SOIL GAS	WS - SURFACE WATER	WF - FLOATING/FREE PRODUCT ON GW TABLE	LF - WATER FIELD QC

RELINQUISHED BY (SIGNATURE) Tom Urban DATE 9/16/14 TIME 1445 RECEIVED BY (SIGNATURE) [Signature] DATE 9/16/14 TIME 1445
 RELINQUISHED BY (SIGNATURE) _____ DATE _____ TIME _____ RECEIVED FOR LAB BY (SIGNATURE) _____ DATE _____ TIME _____

Distribution: Original accompanies shipment, copy to coordinator field files

UNSF-075C1 OF 1/C06R/6CM



480-67369 Chain of Custody



Test America
 COOLER _____ of _____
 PAGE 1 of 4

BOTTLE TYPE AND PRESERVATIVE

REMARKS	SAMPLE TYPE	BEGINNING DEPTH (IN-FT)	ENDING DEPTH (IN-FT)	DEPTH (IN-FT)	FILED LOT NO. # (RRPMS)
	N	0	6	6	3
<u>HOLD</u>	N	12	18	18	3
<u>HOLD</u>	N	0	6	6	3
<u>HOLD</u>	N	12	18	18	3
	N	0	6	6	3
	N	12	18	18	3
	N	0	6	6	3
	N	12	18	18	3
matrix spike	MS1	0	6	6	3
matrix spike dup	SD1	0	6	6	3
<u>HOLD</u>	N	12	18	18	3
<u>HOLD</u>	N	0	6	6	3

SPECIAL INSTRUCTIONS
HOLD - hold for analysis

2.4.2012

CHAIN OF CUSTODY RECORD

PROJECT NO. 38395294.20000
 SITE NAME GE Tanager
 SAMPLERS (PRINT/SIGNATURE) Tom Urban/Tom Uhl

DELIVERY SERVICE: drop off AIRBILL NO.:



LAB Test America
 COOLER of
 PAGE 2 of 4

LOCATION IDENTIFIER	DATE	TIME	COMP/GRAB	SAMPLE ID	MATRIX	TOTAL NO. OF CONTAINERS	BOTTLE TYPE AND PRESERVATIVE	TESTS	REMARKS	SAMPLE TYPE	BEGINNING DEPTH (IN FEET)	ENDING DEPTH (IN FEET)	FIELD LOT NO. # (RFPMS)
PDS-47	9-16-14	1030	G	PDS-47-1-1.5	SO	1			HOLD	M1	12	18	
PDS-44	9-16-14	1035		PDS-44-0-0.5		1			HOLD	M1	0	6	
PDS-44		1040		PDS-44-1-1.5		1			HOLD	M1	12	18	
PDS-45		1045		PDS-45-0-0.5		1			HOLD	M1	0	6	
PDS-45		1050		PDS-45-1-1.5		1			HOLD	M1	12	18	
PDS-42		1100		PDS-42-0-0.5		1			HOLD	M1	0	6	
PDS-42		1105		PDS-42-1-1.5		1			HOLD	M1	12	18	
PDS-43		1110		PDS-43-0-0.5		1		Activated 9/26/14	HOLD	M1	0	6	
PDS-43		1115		PDS-43-1-1.5		1			HOLD	M1	12	18	
PDS-40		1130		PDS-40-0-0.5		1			HOLD	M1	0	6	
PDS-40		1135		PDS-40-1-1.5		1			HOLD	M1	12	18	
PDS-41		1140		PDS-41-0-0.5		1			HOLD	M1	0	6	
20140916				20140916-FD2		1			duplicate	FD2			

WL - LEACHATE
 GS - SOIL GAS
 WC - DRILLING WATER
 WO - OCEAN WATER
 WS - SURFACE WATER
 WW - WATER FIELD QC
 LH - HAZARDOUS LIQUID WASTE
 LF - FLOATING/FREE PRODUCT ON GW TABLE

N# - NORMAL ENVIRONMENTAL SAMPLE
 MS# - MATRIX SPIKE
 RB# - RINSE BLANK
 FR# - FIELD REPLICATE

AA - AMBIENT AIR
 SE - SEDIMENT
 SH - HAZARDOUS SOLID WASTE
 TB# - TRIP BLANK
 SD# - MATRIX SPIKE DUPLICATE

(# - SEQUENTIAL NUMBER (FROM 1 TO 9) TO ACCOMMODATE MULTIPLE SAMPLES IN A SINGLE DAY)

RELINQUISHED BY (SIGNATURE) Tom Uhl DATE 9/16/14 TIME 1445
 RECEIVED BY (SIGNATURE) Cal of DATE 9/16/14 TIME 1445
 RELINQUISHED BY (SIGNATURE) Tom Uhl DATE TIME
 RECEIVED FOR LAB BY (SIGNATURE) DATE TIME

SPECIAL INSTRUCTIONS: HOLD - hold for analysis

Distribution: Original accompanies shipment, copy to coordinator field files

URS-075C/1 OF 1/COC/CR/GCM

2.9, 2.2 #1

CHAIN OF CUSTODY RECORD

PROJECT NO. 38395294.2000
 SITE NAME GE Tomaranda

SAMPLERS (PRINT/SIGNATURE)
 Tom Urban / Tom Urban

DELIVERY SERVICE: drop-off AIRBILL NO.: -

LOCATION IDENTIFIER	DATE	TIME	COMP/GRAB	SAMPLE ID	MATRIX	TOTAL NO. OF CONTAINERS
PDS-41	9/16/14	1145	6	PDS-41-1-1.5	SO	1
PDS-38		1150		PDS-38-0-0.5		1
PDS-38		1155		PDS-38-1-1.5		1
PDS-39		1200		PDS-39-0-0.5		1
PDS-39		1205		PDS-39-1-1.5		1
PDS-36		1210		PDS-36-0-0.5		1
PDS-36		1215		PDS-36-1-1.5		1
PDS-37		1220		PDS-37-0-0.5		1
PDS-37		1225		PDS-37-1-1.5		1
PDS-14		1230		PDS-14		1
PDS-15		1235		PDS-15		1
PDS-13		1245		PDS-13		1
dup				20140914-FD3		1

MATRIX CODES: AA - AMBIENT AIR, SE - SEDIMENT, SH - HAZARDOUS SOLID WASTE, SL - SLUDGE, WP - DRINKING WATER, WW - WASTE WATER, WG - GROUND WATER, SO - SOIL, DC - DRILL CUTTINGS, WL - LEACHATE, GS - SOIL GAS, WC - DRILLING WATER, WS - SURFACE WATER, WO - OCEAN WATER, LF - FLOATING/FREE PRODUCT ON GW TABLE, LH - HAZARDOUS LIQUID WASTE, UF - FLOATING/FREE PRODUCT ON GW TABLE

SAMPLE TYPE CODES: TB# - TRIP BLANK, SD# - MATRIX SPIKE DUPLICATE, RB# - RINSE BLANK, FR# - FIELD REPLICATE, N# - NORMAL ENVIRONMENTAL SAMPLE, MS# - MATRIX SPIKE

RELINQUISHED BY (SIGNATURE)	DATE	TIME	RECEIVED BY (SIGNATURE)	DATE	TIME
Tom Urban	9/16/14	1445	W. Urban	9/16/14	1445

RELINQUISHED BY (SIGNATURE)
 RECEIVED FOR LAB BY (SIGNATURE)

Distribution: Original accompanies shipment, copy to coordinator field files

214, 2.2 #1



LAB Test America
 COOLER of
 PAGE 3 of 4

BOTTLE TYPE AND PRESERVATIVE

REMARKS	SAMPLE TYPE	BEGINNING DEPTH (IN FEET)	ENDING DEPTH (IN FEET)	FIELD LOT NO. # (RPMs ONLY)
HOLD	M1	12	18	
HOLD	M1	0	6	
HOLD	M1	12	18	
HOLD	M1	0	6	
HOLD	M1	12	18	
HOLD	M1	0	6	
HOLD	M1	12	18	
HOLD	M1	0	6	
HOLD	M1	12	18	
HOLD	M1	0	6	
duplcat	FD3			

(# - SEQUENTIAL NUMBER (FROM 1 TO 9) TO ACCOMMODATE MULTIPLE SAMPLES IN A SINGLE DAY)

SPECIAL INSTRUCTIONS

HOLD - hold for analysis

CHAIN OF CUSTODY RECORD

PROJECT NO. 38395 294.20000
 SITE NAME G.E. Tonawanda
 SAMPLERS (PRINT/SIGNATURE) Tom Urban/Ton Urban

DELIVERY SERVICE: Lab Drop off AIRBILL NO.:

LOCATION IDENTIFIER	DATE	TIME	COMP/GRAB	SAMPLE ID	MATRIX	TOTAL NO. # OF CONTAINERS
PDS-AC-03	9/16/14	0825	G	PDS-AC-03	AC	1
FD-1			G	20140916-FD-1	AC	1
PDS-AC-04		0835	G	PDS-AC-04	AC	1
PDS-34		0845	G	PDS-34	SO	1
MS-1		0845	G	PDS-34-MS-1	SO	1
SD-1		0845	G	PDS-34-SD-1	SO	1
PDS-35		0840	G	PDS-35	SO	1
RB			G	PDS-RB-091614	AVQ	1

RECEIVED BY (SIGNATURE) *Tom Urban* DATE 9/16/14 TIME 1445
 RECEIVED FOR LAB BY (SIGNATURE) *Col J* DATE TIME

Distribution: Original accompanies shipment, copy to coordinator field files

URS-07601 OF 1/CofC/RCM



480-67374 Chain of Custody



est America

COOLER 1 of 1
 PAGE 1 of 1

BOTTLE TYPE AND PRESERVATIVE

REMARKS	SAMPLE TYPE	BEGINNING DEPTH (IN FEET)	ENDING DEPTH (IN FEET)	FIELD LOT NO. # (HRIMS)
	N ₁			
	FD			
	N ₁			
	N ₁			
	MS ₁			
	SD ₁			
	N ₁			
chipping tool RB	RB			

WL - LEACHATE
 GS - SOIL GAS
 WC - DRILLING WATER
 WG - GROUND WATER
 SO - SOIL
 DC - DRILL CUTTINGS
 N# - NORMAL ENVIRONMENTAL SAMPLE
 MS# - MATRIX SPIKE
 SL - SLUDGE
 WP - DRINKING WATER
 WW - WASTE WATER
 RB# - RINSE BLANK
 FR# - FIELD DUPLICATE
 TB# - TRIP BLANK
 SD# - MATRIX SPIKE DUPLICATE
 AA - AMBIENT AIR
 SE - SEDIMENT
 SH - HAZARDOUS SOLID WASTE
 LH - HAZARDOUS LIQUID WASTE
 LF - FLOATING/FREE PRODUCT ON GW TABLE
 WQ - WATER FIELD QC

- SEQUENTIAL NUMBER (FROM 1 TO 9) TO ACCOMMODATE MULTIPLE SAMPLES IN A SINGLE DAY)

SPECIAL INSTRUCTIONS

DATE	TIME
9/16/14	1445
DATE	TIME

2.00

CHAIN OF CUSTODY RECORD

PROJECT NO. 38395 294 2000
 SITE NAME G.F. Tanavanda
 SAMPLERS (PRINT/SIGNATURE) Tom Urban/Tan Ubbin

DELIVERY SERVICE: Lab Stop off AIRBILL NO.:

LOCATION IDENTIFIER	DATE	TIME	COMP/GRAB	SAMPLE ID	MATRIX	TOTAL NO. # OF CONTAINERS
PDS-AC-03	9/16/14	0825	G	PDS-AC-03	AC	1
FD-1			G	20140916-FD-1	AC	1
PDS-AC-04		0835	G	PDS-AC-04	AC	1
PDS-34		0845	G	PDS-34	SO	1
MS-1		0845	G	PDS-34-MS-1	SO	1
SD-1		0845	G	PDS-34-SD-1	SO	1
PDS-35		0840	G	PDS-35	SO	1
RB						
RB		1300	G	PDS-RB-091614	RB	1

RELINQUISHED BY (SIGNATURE) Tom Urban
 DATE 9/16/14
 TIME 1445

RELINQUISHED BY (SIGNATURE) Col J
 DATE 9/16/14
 TIME 1445

RECEIVED FOR LAB BY (SIGNATURE)
 DATE
 TIME

RECEIVED FOR LAB BY (SIGNATURE)
 DATE
 TIME

Distribution: Original accompanies shipment, copy to coordinator field files

UNSF-07501 OF 1/C&C/R/GCM



480-67374 Chain of Custody



st America
 COOLER 1 of 1
 PAGE 1 of 1

BOTTLE TYPE AND PRESERVATIVE

REMARKS	SAMPLE TYPE	BEGINNING DEPTH (IN FEET)	ENDING DEPTH (IN FEET)	FIELD LOT NO. # (RRPMS)
	N ₁			
	FD			
	N ₁			
	N ₁			
	MS			
	SD			
	N ₁			
chipping tool RB	RB			
	RB			

AA - AMBIENT AIR
 SE - SEDIMENT
 SH - HAZARDOUS SOLID WASTE
 TB# - TRIP BLANK
 SD# - MATRIX SPIKE DUPLICATE
 SI - SLUDGE
 WP - DRINKING WATER
 WW - WASTE WATER
 RB# - RINSE BLANK
 FR# - FIELD REPLICATE
 WL - LEACHATE
 GS - SOIL GAS
 WC - DRILLING WATER
 WO - OCEAN WATER
 WS - SURFACE WATER
 WQ - WATER FIELD QC
 LH - HAZARDOUS LIQUID WASTE
 LF - FLOATING/FREE PRODUCT ON GW TABLE

N# - NORMAL ENVIRONMENTAL SAMPLE
 MS# - MATRIX SPIKE
 (# - SEQUENTIAL NUMBER FROM 1 TO 9) TO ACCOMMODATE MULTIPLE SAMPLES IN A SINGLE DAY

SPECIAL INSTRUCTIONS

2.0 A

CHAIN OF CUSTODY RECORD

PROJECT NO. 38295294.2000 SITE NAME GE Teramanga
 SAMPLERS (PRINT/SIGNATURE) Tom Urban/Tom Urban

DELIVERY SERVICE: Lab Drop off AIRBILL NO.:

LOCATION IDENTIFIER	DATE	TIME	COMP/GRAB	SAMPLE ID	MATRIX	TOTAL NO. # OF CONTAINERS
PDS-52	10/30/14	1050	G	PDS-52	SO	1
PDS-53	1205		G	PDS-53-0-0.5	SO	1
PDS-53	1215		G	PDS-53-1-1.5	SO	1
PDS-54	1235		G	PDS-54-0-0.5	SO	1
PDS-54	1240		G	PDS-54-1-1.5	SO	1
PDS-55	1245		G	PDS-55-0-0.5	SO	1
PDS-55	1255		G	PDS-55-1-1.5	SO	1
PDS-56	1310		G	PDS-56-0-0.5	SO	1
PDS-56	1315		G	PDS-56-1-1.5	SO	1
PDS-50	1330		G	PDS-50-2-2.5	SO	1
PDS-50	1345		G	PDS-50-3-3.5	SO	1
RINSE Blank	1410		G	PDS-RB-103014-TW	WQ	2
RINSE Blank	1415		G	PDS-RB-103014-Auger	WQ	2

MATRIX CODES	AA - AMBIENT AIR	SIL - SLUDGE	WW - WASTE WATER	WP - DRINKING WATER	WG - GROUND WATER	WL - LEACHATE	WS - SURFACE WATER	WO - OCEAN WATER
SAMPLE TYPE CODES	SE - SEDIMENT	SH - HAZARDOUS SOLID WASTE	TRIP BLANK	RINSE BLANK	NORMAL ENVIRONMENTAL SAMPLE	GS - SOIL GAS	DRILLING WATER	SOIL GAS
	SD# - MATRIX SPIKE DUPLICATE	FR# - FIELD REPLICATE	MS# - MATRIX SPIKE	MS# - MATRIX SPIKE	MS# - MATRIX SPIKE	WC - DRILL CUTTINGS	WC - WATER FIELD QC	WF - FLOATING/FREE PRODUCT ON GW TABLE

RELINQUISHED BY (SIGNATURE)	DATE	TIME	RECEIVED BY (SIGNATURE)	DATE	TIME
<u>Tom Urban</u>	10/30/14	1500	<u>W. Libal</u>	10/31/14	1500
RELINQUISHED BY (SIGNATURE)	DATE	TIME	RECEIVED FOR LAB BY (SIGNATURE)	DATE	TIME

Distribution: Original accompanies shipment, copy to coordinator field files



480-70454 Chain of Custody



LAB Test America
 COOLER 1 of 1
 PAGE 1 of 1

BOTTLE TYPE AND PRESERVATIVE

BOTTLE TYPE AND PRESERVATIVE	REMARKS	SAMPLE TYPE	DEPTH (IN)	DEPTH (IN)	FIELD LOT NO. # (RRPMS)
402 glass		N ₁	0	6	1
250 ml glass		N ₁	0	6	1
	HOLD	N ₁	12	18	1
	HOLD	N ₁	0	6	1
	HOLD	N ₁	12	18	1
	HOLD	N ₁	0	6	1
	HOLD	N ₁	12	18	1
	HOLD	N ₁	0	6	1
	HOLD	N ₁	12	18	1
	HOLD	N ₁	24	30	1
	HOLD	N ₁	36	42	1
	trowel	RB ₁	-	-	-
	Auger	RB ₂	-	-	-

SPECIAL INSTRUCTIONS

HOLD = hold for analysis
 TAT = Standard 10 business days

CHAIN OF CUSTODY RECORD

PROJECT NO. _____ SITE NAME GE Tomawanda

SAMPLERS (PRINT/SIGNATURE) John Boyd [Signature]

DELIVERY SERVICE: drop-off AIRBILL NO.: _____

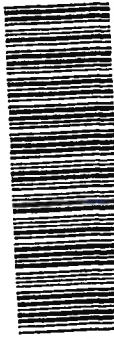
LOCATION IDENTIFIER	DATE	TIME	COMP/GRAB	SAMPLEID	MATRIX	TOTAL NO. OF CONTAINERS
PDS-57	11/21/14	0750	G	PDS-57-0-0.5	SO	1
PDS-57		0750		PDS-57-0-0.5 MS		1
PDS-57		0750		PDS-57-0-0.5 MSP		1
PDS-60		0800		PDS-60-0-0.5		1
PDS-58		0845		PDS-58-0-0.5		1
PDS-58		0855		PDS-58-1-1.5		1
PDS-58		0935		PDS-58-2-2.5		1
PDS-58		1027		PDS-58-3-3.5		1
PDS-59		0900		PDS-59-0-0.5		1
PDS-59		0930		PDS-59-1-1.5		1
PDS-62		1110		PDS-62-0-0.5		1
PDS-62		1115		PDS-62-1-1.5		1

AA - AMBIENT AIR
 SE - SEDIMENT
 SH - HAZARDOUS SOLID WASTE
 TB# - TRIP BLANK
 SD# - MATRIX SPIKE DUPLICATE
 SL - SLUDGE
 WP - DRINKING WATER
 WW - WASTE WATER
 FB# - RINSE BLANK
 FR# - MATRIX SPIKE
 WG - GROUND WATER
 SO - SOIL
 DC - DRILL CUTTINGS
 NB - NORMAL ENVIRONMENTAL SAMPLE
 MS# - MATRIX SPIKE
 WL - LEACHATE
 GS - SOIL GAS
 WC - DRILLING WATER
 NO - OCEAN WATER
 WS - SURFACE WATER
 WO - WATER FIELD QC

RELINQUISHED BY (SIGNATURE) [Signature] DATE 11/21/14 TIME 1650
 RECEIVED BY (SIGNATURE) [Signature] DATE 11/21/14 TIME 1655

RELINQUISHED BY (SIGNATURE) _____ DATE _____ TIME _____
 RECEIVED FOR LAB BY (SIGNATURE) _____ DATE _____ TIME _____

Distribution: Original accompanies shipment, copy to coordinator field files



480-71818 Chain of Custody



LAB TA
 COOLER 1 of 1
 PAGE 1 of 3

BOTTLE TYPE AND PRESERVATIVE

REMARKS	SAMPLE TYPE	BEGINNING DEPTH (IN FEET)	ENDING DEPTH (IN FEET)	FIELD LOT NO. (RPMIS ONLY)
	N ₁	0.0	0.5	
matrix spike	MS ₁	0.0	0.5	
matrix spike dup	SD ₁	0.0	0.5	
HOLD for PCBs	N ₁	0.0	0.5	
	N ₁	0.0	0.5	
HOLD for PCBs	N ₁	1.0	1.5	
HOLD for PCBs	N ₁	2.0	2.5	
HOLD for PCBs	N ₁	3.0	3.5	
HOLD for PCBs	N ₁	0.0	0.5	
HOLD for PCBs	N ₁	1.0	1.5	
HOLD for PCBs	N ₁	0.0	0.5	
HOLD for PCBs	N ₁	0.0	0.5	
HOLD for PCBs	N ₁	1.0	1.5	

(# - SEQUENTIAL NUMBER (FROM 1 TO 9) TO ACCOMMODATE MULTIPLE SAMPLES IN A SINGLE DAY)
 LH - HAZARDOUS LIQUID WASTE
 LF - FLOATING/FREE PRODUCT ON GW TABLE

2/12

CHAIN OF CUSTODY RECORD

PROJECT NO. CE Tona Manda
 SITE NAME CE Tona Manda
 SAMPLERS (PRINT/SIGNATURE) John Boyd *John Boyd*



LAB TA
 COOLER 1 of 1
 PAGE 2 of 3

TESTS

DELIVERY SERVICE: drop off AIRBILL NO.: _____

LOCATION IDENTIFIER	DATE	TIME	COMP/GRAB	SAMPLE ID	MATRIX	TOTAL NO. # OF CONTAINERS	REMARKS	SAMPLE TYPE	BEGINNING DEPTH (IN FEET)	ENDING DEPTH (IN FEET)	FIELD LOT NO. # (RRPMS)
PDS-53	4/21/14	12:00	1	PDS-53-2-2.5	SO	1	Hold for Abs	N	2	2.5	-
PDS-53		15:00	1	PDS-53-3-3.5		1	Hold for Abs	N	3	3.5	-
PDS-61		10:15	1	PDS-61-0-0.5		1	Active	N	0	0.5	-
PDS-61		11:00	1	PDS-61-1-1.5		1	Hold for Abs	N	1.0	1.5	-
PDS-61		11:45	1	PDS-61-2-2.5		1	Hold for Abs	N	2.0	2.5	-
dup			1	20141121-FD-1		1	Hold for Abs	N	3.0	3.5	-

MATRIX CODES: AA - AMBIENT AIR, SE - SEDIMENT, SH - HAZARDOUS SOLID WASTE, SI - SLUDGE, WP - DRINKING WATER, WW - WASTE WATER, WG - GROUND WATER, WS - SOIL, WC - DRILL CUTTINGS, WL - LEACHATE, WS - SOIL GAS, WC - DRILLING WATER, WO - OCEAN WATER, WS - SURFACE WATER, WF - WATER FIELD QC, LH - HAZARDOUS LIQUID WASTE, LF - FLOATING/FREE PRODUCT ON GW TABLE

SAMPLE TYPE CODES: TB# - TRIP BLANK, SD# - MATRIX SPIKE DUPLICATE, RB# - RINSE BLANK, FR# - FIELD REPLICATE, N# - NORMAL ENVIRONMENTAL SAMPLE, MS# - MATRIX SPIKE

(# - SEQUENTIAL NUMBER (FROM 1 TO 9) TO ACCOMMODATE MULTIPLE SAMPLES IN A SINGLE DAY)

RELINQUISHED BY (SIGNATURE) <i>John Boyd</i>	DATE <u>4/21/14</u>	TIME <u>1650</u>	RECEIVED BY (SIGNATURE) <i>W. J.</i>	DATE <u>4/21/14</u>	TIME <u>1655</u>
RELINQUISHED BY (SIGNATURE)	DATE	TIME	RECEIVED FOR LAB BY (SIGNATURE)	DATE	TIME

Distribution: Original accompanies shipment, copy to coordinator field files

2.1 #1



TestAmerica

THE LEADER IN ENVIRONMENTAL TESTING

Chain of Custody Record

TAL-4124 (1007)

480-72071 Chain of Custody

NO

Client: **URS** Project Manager: **Karen Peppin JRS** Chain of Custody Number: **277458**

Address: **Buffalo NY** Site Contact: **518 688 0015** Lab Contact: **80824 RB's** Date: **11/24/14** Lab Number: **277458**

State: **NY** Zip Code: **14203** Carrier/Waybill Number: **80824 RB's** Page **1** of **2**

Sample I.D. No. and Description (Containers for each sample may be combined on one line)	Date	Time	Matrix					Containers & Preservatives					Analysis (Attach list if more space is needed)	Special Instructions/ Conditions of Receipt	
			Air	Soil	Soil	Water	Other	Unpres.	H2SO4	HNO3	HCl	NaOH			NaOH
PDS-63-0-0.5	11/21/14	1525		✓							✓				Hold for RB's
PDS-64-0-0.5		1358		✓							✓				Hold for RB's
PDS-64-1-1.5		1415		✓							✓				Hold for RB's
PDS-64-2-2.5		1500		✓							✓				Hold for RB's
PDS-64-3-3.5		1520		✓							✓				Hold for RB's
PDS-65-0-0.5		1420		✓							✓				Hold for RB's
PDS-65-1-1.5		1440		✓							✓				Hold for RB's
PDS-66-0-0.5	11/24/14	1215		✓							✓				Hold for RB's
PDS-66-0-0.5 MS		1215		✓							✓				Hold for RB's
PDS-66-0-0.5 MSP		1215		✓							✓				Hold for RB's
PDS-67-0-0.5		0803		✓							✓				Hold for RB's
PDS-67-1-1.5		0820		✓							✓				Hold for RB's

Possible Hazard Identification: Non-Hazard Flammable Skin Irritant Poison B Unknown Return to Client Disposal By Lab Archive For _____ Months (A fee may be assessed if samples are retained longer than 1 month)

Sample Disposal: Return to Client Other: **3 day RAT**

QC Requirements (Specify)	Received By	Date	Time
1. Relinquished By	<i>[Signature]</i>	11/24/14	1438
2. Relinquished By			
3. Relinquished By			

DISTRIBUTION: WHITE - Returned to Client with Report; CANARY - Stays with the Sample; PINK - Field Copy

TestAmerica

THE LEADER IN ENVIRONMENTAL TESTING

Temperature on Receipt _____
 Drinking Water? Yes No

Chain of Custody Record

TAL-4124 (1007)
 Client: URS
 Address: _____
 Project Manager: Karen Peppin
 Telephone Number (Area Code)/Fax Number: _____
 Date: 11/24/14
 Chain of Custody Number: 277459
 Page 2 of 2

City: Buffalo State: NY Zip Code: _____
 Project Name and Location (State): GE TMA-WYDA
 Contract/Purchase Order/Quote No.: _____
 Site Contact: _____ Lab Contact: _____
 Carrier/Waybill Number: _____

Sample I.D. No. and Description (Containers for each sample may be combined on one line)	Date	Time	Matrix			Containers & Preservatives						Special Instructions/ Conditions of Receipt		
			Air	Soil	Soil	Unpres.	H2SO4	HNO3	HCl	NH4OH	ZnAc		NH4OH	
PDS-67-2-2.5	11/24/14	0832		✓		✓								Hold for Pds
PDS-67-3-3.5	11/24/14	0839		✓		✓								Hold for Pds
PDS-68-0-0.5	11/24/14	0800		✓		✓								Hold for Pds
PDS-68-1-1.5	11/24/14	0814		✓		✓								Hold for Pds
20141124-FD-1	11/24/14	—		✓		✓								Hold for Pds

Analysis (Attach list if more space is needed): SO2 A RB

Sample Disposal: Return To Client Disposal By Lab Archive For _____ Months (A fee may be assessed if samples are retained longer than 1 month)

Possible Hazard Identification: Non-Hazard Flammable Skin Irritant Poison B Unknown Other 3 day TAT

QC Requirements (Specify)	Received By	Date	Time
1. Retained By	<u>[Signature]</u>	<u>11/24/14</u>	<u>1438</u>
2. Retained By			
3. Retained By			

Comments: _____

TestAmerica

THE LEADER IN ENVIRONMENTAL TESTING

Temperature on Receipt _____
 Drinking Water? Yes No

Chain of Custody Record

TAL-412A (1/007)

Client: **URS** Chain of Custody Number: **277396**
 Project Manager: **KAREN PIPPIN** Lab Number: **1** of **2**
 Telephone Number (Area Code)/Fax Number: **518 688 0015**

City: **Buffalo** State: **NY** Zip Code: _____
 Project Name and Location (State): **GE THAWANDA**
 Carrier/Waybill Number: _____

Contract/Purchase Order/Quote No. _____
 Site Contact: _____ Lab Contact: _____
 Analysis (Attach list if more space is needed): _____

Sample I.D. No. and Description (Containers for each sample may be combined on one line)	Date	Time	Matrix					Containers & Preservatives					Instructions/ if Receipt		
			Air	Soil	Water	Sludge	Other	Impres.	H2SO4	HNO3	HCl	NH4OH		ZnAc	
PDS-69-0-0.5	11/24/14	1220		✓							✓				Activate
PDS-70-0-0.5		0915		✓							✓				Hold for Pels
PDS-70-1-1.5		0932		✓							✓				Hold for Pels
PDS-70-2-2.5		0942		✓							✓				Hold for Pels
PDS-70-3-3.5		0955		✓							✓				Ext / Hold for Pels
PDS-71-0-0.5		0915		✓							✓				Ext / Hold for Pels
PDS-71-1-1.5		0930		✓							✓				Ext / Hold for Pels
PDS-72-0-0.5		1225		✓							✓				Activate
PDS-73-0-0.5		1013		✓							✓				Activate
PDS-73-1-1.5		1025		✓							✓				Ext / Hold for Pels
PDS-73-2-2.5		1050		✓							✓				Ext / Hold for Pels
PDS-73-3-3.5		1100		✓							✓				Ext / Hold for Pels

Possible Hazard Identification:
 Non-Hazard Flammable Skin Irritant Poison B Unknown
 Disposal By Lab Archive For _____ Months _____ (A fee may be assessed if samples are retained longer than 1 month)

Turn Around Time Required:
 24 Hours 48 Hours 7 Days 14 Days 21 Days Other: **3 day**

QC Requirements (Specify): _____

1. Relinquished By: *[Signature]* Date: **11/24/14** Time: **14:42**
 2. Relinquished By: *[Signature]* Date: **11/24/14** Time: **14:42**
 3. Relinquished By: _____ Date: _____ Time: _____

Comments: **3.1 #1**

Job Narrative
480-67369-1

Receipt

The samples were received on 9/16/2014 2:45 PM; the samples arrived in good condition, properly preserved and, where required, on ice. The temperatures of the 2 coolers at receipt time were 2.2° C and 2.4° C.

GC Semi VOA

Method(s) 8082A: The following samples were diluted to bring the concentration of target analytes within the calibration range: PDS-13 (480-67369-36). Elevated reporting limits (RLs) are provided.

Method(s) 8082A: The following sample required a dilution due to the abundance of target analytes: PDS-13 (480-67369-36). Because of this dilution, the surrogate spike concentration in the sample was reduced to a level where the recovery calculation does not provide useful information.

Method(s) 8082A: All primary data for analytical batch 203000 is reported from the ZB-5 column, while all primary data for analytical batch 203464 is reported from the ZB-35 column.

No additional analytical or quality issues were noted, other than those described above or in the Definitions/Glossary page.

Organic Prep

No analytical or quality issues were noted, other than those described in the Definitions/Glossary page.

FORM X
IDENTIFICATION SUMMARY

Lab Name: TestAmerica Buffalo Job No.: 480-67369-1
 SDG No.: _____
 Client Sample ID: PDS-50-0-0.5 Lab Sample ID: 480-67369-1
 Instrument ID (1): HP6890-7 Instrument ID (2): HP6890-7
 Date Analyzed (1): 09/18/2014 14:55 Date Analyzed (2): 09/18/2014 14:55
 GC Column (1): ZB-5 ID: 0.53(mm) GC Column (2): ZB-35 ID: 0.53(mm)

ANALYTE	COL	PEAK	RT	RT WINDOW		CONCENTRATION		RPD
				FROM	TO	PEAK	MEAN	
PCB-1254	1	1	3.81	3.78	3.84	282	1200	49.3
		2	3.89	3.86	3.92	594		
		3	3.98	3.96	4.02	2210		
		4	4.08	4.05	4.11	1740		
	2	1	3.64	3.61	3.67	315	2000	
		2	3.74	3.70	3.76	790		
		3	3.87	3.83	3.89	1680		
		4	3.98	3.95	4.01	5200		
PCB-1260	1	1	4.60	4.57	4.63	2470	2600	1.8
		2	4.79	4.76	4.82	2460		
		3	4.99	4.96	5.02	2580		
		4	5.22	5.20	5.26	2870		
	2	1	4.60	4.57	4.63	2510	2600	
		2	4.67	4.64	4.70	2970		
		3	4.74	4.71	4.77	2340		
		4	5.07	5.04	5.10	2390		

FORM X
IDENTIFICATION SUMMARY

Lab Name: TestAmerica Buffalo Job No.: 480-67369-1
 SDG No.: _____
 Client Sample ID: PDS-48-0-0.5 Lab Sample ID: 480-67369-5
 Instrument ID (1): HP6890-7 Instrument ID (2): HP6890-7
 Date Analyzed (1): 09/18/2014 15:11 Date Analyzed (2): 09/18/2014 15:11
 GC Column (1): ZB-5 ID: 0.53(mm) GC Column (2): ZB-35 ID: 0.53(mm)

ANALYTE	COL	PEAK	RT	RT WINDOW		CONCENTRATION		RPD
				FROM	TO	PEAK	MEAN	
PCB-1254	1	2	3.89	3.86	3.92	139	290	62.7
		3	3.99	3.96	4.02	493		
		4	4.08	4.05	4.11	486		
	2	2	3.74	3.70	3.76	203	560	
		3	3.87	3.83	3.89	473		
		4	3.98	3.95	4.01	1500		
PCB-1260	1	1	4.60	4.57	4.63	706	700	0.0
		2	4.79	4.76	4.82	621		
		3	4.99	4.96	5.02	708		
		4	5.23	5.20	5.26	747		
	2	1	4.60	4.57	4.63	706	700	
		2	4.67	4.64	4.70	799		
		3	4.74	4.71	4.77	643		
		4	5.07	5.04	5.10	634		

FORM X
IDENTIFICATION SUMMARY

Lab Name: TestAmerica Buffalo Job No.: 480-67369-1
 SDG No.: _____
 Client Sample ID: PDS-46-0-0.5 Lab Sample ID: 480-67369-9
 Instrument ID (1): HP6890-7 Instrument ID (2): HP6890-7
 Date Analyzed (1): 09/18/2014 15:27 Date Analyzed (2): 09/18/2014 15:27
 GC Column (1): ZB-5 ID: 0.53(mm) GC Column (2): ZB-35 ID: 0.53(mm)

ANALYTE	COL	PEAK	RT	RT WINDOW		CONCENTRATION		RPD
				FROM	TO	PEAK	MEAN	
PCB-1254	1	2	3.89	3.86	3.92	147	260	48.6
		3	3.98	3.96	4.02	376		
		4	4.08	4.05	4.11	403		
	2	2	3.73	3.70	3.76	166	430	
		3	3.86	3.83	3.89	376		
		4	3.98	3.95	4.01	1100		
PCB-1260	1	1	4.60	4.58	4.64	480	470	4.4
		2	4.79	4.76	4.82	422		
		3	4.99	4.96	5.02	459		
		4	5.23	5.20	5.26	501		
	2	1	4.60	4.57	4.63	529	490	
		2	4.67	4.64	4.70	554		
		3	4.74	4.71	4.77	432		
	4	5.07	5.04	5.10	430			

FORM X
IDENTIFICATION SUMMARY

Lab Name: TestAmerica Buffalo Job No.: 480-67369-1
 SDG No.: _____
 Client Sample ID: PDS-44-0-0.5 Lab Sample ID: 480-67369-13
 Instrument ID (1): HP6890-7 Instrument ID (2): HP6890-7
 Date Analyzed (1): 09/18/2014 15:43 Date Analyzed (2): 09/18/2014 15:43
 GC Column (1): ZB-5 ID: 0.53(mm) GC Column (2): ZB-35 ID: 0.53(mm)

ANALYTE	COL	PEAK	RT	RT WINDOW		CONCENTRATION		RPD
				FROM	TO	PEAK	MEAN	
PCB-1254	1	2	3.89	3.86	3.92	137	240	50.9
		3	3.98	3.96	4.02	344		
		4	4.08	4.05	4.11	409		
	2	2	3.73	3.70	3.76	175	410	
		3	3.86	3.83	3.89	401		
		4	3.98	3.95	4.01	995		
PCB-1260	1	1	4.60	4.57	4.63	472	410	5.0
		2	4.79	4.76	4.82	368		
		3	4.99	4.96	5.02	388		
		4	5.22	5.20	5.26	430		
	2	1	4.60	4.57	4.63	492	440	
		2	4.67	4.64	4.70	513		
		3	4.74	4.71	4.77	375		
		4	5.07	5.04	5.10	363		

FORM X
IDENTIFICATION SUMMARY

Lab Name: TestAmerica Buffalo Job No.: 480-67369-1
 SDG No.: _____
 Client Sample ID: PDS-42-0-0.5 Lab Sample ID: 480-67369-17
 Instrument ID (1): HP6890-7 Instrument ID (2): HP6890-7
 Date Analyzed (1): 09/18/2014 15:59 Date Analyzed (2): 09/18/2014 15:59
 GC Column (1): ZB-5 ID: 0.53(mm) GC Column (2): ZB-35 ID: 0.53(mm)

ANALYTE	COL	PEAK	RT	RT WINDOW		CONCENTRATION		RPD
				FROM	TO	PEAK	MEAN	
PCB-1254	1	2	3.89	3.86	3.92	161	350	55.3
		3	3.98	3.96	4.02	661		
		4	4.08	4.05	4.11	504		
	2	2	3.74	3.70	3.76	264	620	
		3	3.87	3.83	3.89	514		
		4	3.98	3.95	4.01	1620		
PCB-1260	1	1	4.60	4.57	4.63	770	740	2.9
		2	4.79	4.76	4.82	720		
		3	4.99	4.96	5.02	691		
		4	5.22	5.20	5.26	762		
	2	1	4.60	4.57	4.63	794	760	
		2	4.67	4.64	4.70	865		
		3	4.74	4.71	4.77	686		
		4	5.07	5.04	5.10	683		

FORM X
IDENTIFICATION SUMMARY

Lab Name: TestAmerica Buffalo Job No.: 480-67369-1
 SDG No.: _____
 Client Sample ID: PDS-40-0-0.5 Lab Sample ID: 480-67369-21
 Instrument ID (1): HP6890-7 Instrument ID (2): HP6890-7
 Date Analyzed (1): 09/18/2014 16:15 Date Analyzed (2): 09/18/2014 16:15
 GC Column (1): ZB-5 ID: 0.53 (mm) GC Column (2): ZB-35 ID: 0.53 (mm)

ANALYTE	COL	PEAK	RT	RT WINDOW		CONCENTRATION		RPD
				FROM	TO	PEAK	MEAN	
PCB-1254	1	3	3.98	3.96	4.02	295	210	60.1
		4	4.08	4.05	4.11	382		
	2	2	3.73	3.70	3.76	148	400	
		3	3.86	3.83	3.89	381		
PCB-1260	1	4	3.98	3.95	4.01	1020	400	4.7
		1	4.60	4.57	4.63	409		
		2	4.79	4.76	4.82	376		
		3	4.99	4.96	5.02	372		
	2	4	5.23	5.20	5.26	435	420	
		1	4.60	4.57	4.63	468		
		2	4.67	4.64	4.70	490		
		3	4.74	4.71	4.77	358		
		4	5.07	5.04	5.10	353		

FORM X
IDENTIFICATION SUMMARY

Lab Name: TestAmerica Buffalo Job No.: 480-67369-1
 SDG No.: _____
 Client Sample ID: 20140916-FD2 Lab Sample ID: 480-67369-24
 Instrument ID (1): HP6890-7 Instrument ID (2): HP6890-7
 Date Analyzed (1): 09/18/2014 16:31 Date Analyzed (2): 09/18/2014 16:31
 GC Column (1): ZB-5 ID: 0.53 (mm) GC Column (2): ZB-35 ID: 0.53 (mm)

ANALYTE	COL	PEAK	RT	RT WINDOW		CONCENTRATION		RPD
				FROM	TO	PEAK	MEAN	
PCB-1254	1	2	3.89	3.86	3.92	139	270	54.3
		3	3.99	3.96	4.02	377		
		4	4.08	4.05	4.11	461		
	2	2	3.74	3.70	3.76	171	460	
		3	3.86	3.83	3.89	438		
		4	3.98	3.95	4.01	1210		
PCB-1260	1	1	4.60	4.57	4.63	500	490	
		2	4.79	4.76	4.82	466		
		3	4.99	4.96	5.02	460		
		4	5.23	5.20	5.26	532		
	2	1	4.60	4.57	4.63	544	480	
		2	4.67	4.64	4.70	551		
		3	4.74	4.71	4.77	424		
		4	5.07	5.04	5.10	415		

FORM X
IDENTIFICATION SUMMARY

Lab Name: TestAmerica Buffalo Job No.: 480-67369-1
 SDG No.: _____
 Client Sample ID: PDS-38-0-0.5 Lab Sample ID: 480-67369-26
 Instrument ID (1): HP6890-7 Instrument ID (2): HP6890-7
 Date Analyzed (1): 09/18/2014 16:47 Date Analyzed (2): 09/18/2014 16:47
 GC Column (1): ZB-5 ID: 0.53 (mm) GC Column (2): ZB-35 ID: 0.53 (mm)

ANALYTE	COL	PEAK	RT	RT WINDOW		CONCENTRATION		RPD
				FROM	TO	PEAK	MEAN	
PCB-1254	1	2	3.89	3.86	3.92	148	300	56.8
		3	3.99	3.96	4.02	479		
		4	4.08	4.05	4.11	457		
	2	2	3.74	3.70	3.76	213	530	
		3	3.87	3.83	3.89	455		
		4	3.98	3.95	4.01	1410		
PCB-1260	1	1	4.60	4.57	4.63	614	660	1.1
		2	4.79	4.76	4.82	623		
		3	4.99	4.96	5.02	665		
		4	5.23	5.20	5.26	745		
	2	1	4.60	4.57	4.63	738	670	
		2	4.67	4.64	4.70	714		
		3	4.74	4.71	4.77	616		
		4	5.07	5.04	5.10	610		

FORM X
IDENTIFICATION SUMMARY

Lab Name: TestAmerica Buffalo Job No.: 480-67369-1
 SDG No.: _____
 Client Sample ID: PDS-36-0-0.5 Lab Sample ID: 480-67369-30
 Instrument ID (1): HP6890-7 Instrument ID (2): HP6890-7
 Date Analyzed (1): 09/18/2014 17:03 Date Analyzed (2): 09/18/2014 17:03
 GC Column (1): ZB-5 ID: 0.53(mm) GC Column (2): ZB-35 ID: 0.53(mm)

ANALYTE	COL	PEAK	RT	RT WINDOW		CONCENTRATION		RPD
				FROM	TO	PEAK	MEAN	
PCB-1254	1	1	3.81	3.78	3.84	130	340	64.2
		2	3.89	3.86	3.92	183		
		3	3.98	3.96	4.02	418		
		4	4.08	4.05	4.11	636		
	2	2	3.73	3.70	3.76	266	670	
		3	3.87	3.83	3.89	655		
		4	3.98	3.95	4.01	1630		
PCB-1260	1	1	4.60	4.57	4.63	603	630	15.0
		2	4.79	4.76	4.82	606		
		3	4.99	4.96	5.02	628		
		4	5.23	5.20	5.26	699		
	2	1	4.60	4.57	4.63	778	740	
		2	4.67	4.64	4.70	882		
		3	4.74	4.71	4.77	647		
		4	5.07	5.04	5.10	640		

FORM X
IDENTIFICATION SUMMARY

Lab Name: TestAmerica Buffalo Job No.: 480-67369-1
 SDG No.: _____
 Client Sample ID: PDS-14 Lab Sample ID: 480-67369-34
 Instrument ID (1): HP6890-7 Instrument ID (2): HP6890-7
 Date Analyzed (1): 09/18/2014 17:50 Date Analyzed (2): 09/18/2014 17:50
 GC Column (1): ZB-5 ID: 0.53(mm) GC Column (2): ZB-35 ID: 0.53(mm)

ANALYTE	COL	PEAK	RT	RT WINDOW		CONCENTRATION		RPD
				FROM	TO	PEAK	MEAN	
PCB-1254	1	1	3.81	3.78	3.84	163	400	45.0
		2	3.89	3.86	3.92	213		
		3	3.99	3.96	4.02	504		
		4	4.08	4.05	4.11	714		
	2	2	3.73	3.70	3.76	274	630	
		3	3.86	3.83	3.89	687		
		4	3.98	3.95	4.01	1450		
PCB-1260	1	1	4.61	4.58	4.64	639	630	7.1
		2	4.79	4.76	4.82	582		
		3	4.99	4.96	5.02	597		
		4	5.23	5.20	5.26	711		
	2	1	4.60	4.57	4.63	730	680	
		2	4.67	4.64	4.70	826		
		3	4.74	4.71	4.77	592		
		4	5.07	5.04	5.10	569		

FORM X
IDENTIFICATION SUMMARY

Lab Name: TestAmerica Buffalo Job No.: 480-67369-1
 SDG No.: _____
 Client Sample ID: PDS-13 Lab Sample ID: 480-67369-36
 Instrument ID (1): HP6890-7 Instrument ID (2): HP6890-7
 Date Analyzed (1): 09/18/2014 18:22 Date Analyzed (2): 09/18/2014 18:22
 GC Column (1): ZB-5 ID: 0.53 (mm) GC Column (2): ZB-35 ID: 0.53 (mm)

ANALYTE	COL	PEAK	RT	RT WINDOW		CONCENTRATION		RPD
				FROM	TO	PEAK	MEAN	
PCB-1254	1	1	3.81	3.78	3.84	80500	100000	5.4
		2	3.89	3.86	3.92	87600		
		3	3.99	3.96	4.02	102000		
		4	4.09	4.05	4.11	135000		
	2	1	3.64	3.61	3.67	82300	110000	
		2	3.73	3.70	3.76	78600		
		3	3.86	3.83	3.89	136000		
		4	3.98	3.95	4.01	132000		
PCB-1260	1	1	4.60	4.58	4.64	14200	18000	75.4
		2	4.79	4.76	4.82	14800		
		3	4.99	4.96	5.02	16900		
		4	5.23	5.20	5.26	24300		
	2	1	4.61	4.57	4.63	55100	39000	
		2	4.68	4.64	4.70	60500		
		3	4.74	4.71	4.77	20400		
		4	5.07	5.04	5.10	19200		

Job Narrative
480-67369-2

Receipt

The samples were received on 9/16/2014 2:45 PM; the samples arrived in good condition, properly preserved and, where required, on ice. The temperatures of the 2 coolers at receipt time were 2.2° C and 2.4° C.

GC Semi VOA

Method 8082A: All primary data was reported from the ZB-35 column.

Method 8082A: The percent difference in a multi-component continuing calibration verification is assessed on the basis of the total amount, individual peak calculations are only listed for completeness.

No additional analytical or quality issues were noted, other than those described above or in the Definitions/Glossary page.

Organic Prep

No analytical or quality issues were noted, other than those described in the Definitions/Glossary page.

FORM X
IDENTIFICATION SUMMARY

Lab Name: TestAmerica Buffalo Job No.: 480-67369-2
 SDG No.: _____
 Client Sample ID: PDS-43-0-0.5 Lab Sample ID: 480-67369-19
 Instrument ID (1): HP6890-7 Instrument ID (2): HP6890-7
 Date Analyzed (1): 10/01/2014 11:27 Date Analyzed (2): 10/01/2014 11:27
 GC Column (1): ZB-5 ID: 0.53(mm) GC Column (2): ZB-35 ID: 0.53(mm)

ANALYTE	COL	PEAK	RT	RT WINDOW		CONCENTRATION		RPD
				FROM	TO	PEAK	MEAN	
PCB-1260	1	1	4.57	4.54	4.60	145	120	38.9
		2	4.75	4.72	4.78	107		
		3	4.95	4.92	4.98	115		
	2	1	4.57	4.54	4.60	211	170	
		2	4.63	4.60	4.66	185		
		3	4.71	4.68	4.74	143		
		4	5.04	5.01	5.07	153		

Job Narrative
480-67369-3

Receipt

The samples were received on 9/16/2014 2:45 PM; the samples arrived in good condition, properly preserved and, where required, on ice. The temperatures of the 2 coolers at receipt time were 2.2° C and 2.4° C.

GC Semi VOA

Method(s) 8082A: All primary data is reported from the ZB-35 column.

No additional analytical or quality issues were noted, other than those described above or in the Definitions/Glossary page.

Organic Prep

No analytical or quality issues were noted, other than those described in the Definitions/Glossary page.

Job Narrative
480-67374-1

Revision I

This report was revised to removed Arochlor 1262 and 1268.

Receipt

The samples were received on 9/16/2014 2:45 PM; the samples arrived in good condition, properly preserved and, where required, on ice. The temperature of the cooler at receipt was 2.0° C.

GC Semi VOA

Method(s) 8082A: The following samples were diluted to bring the concentration of target analytes within the calibration range: PDS-35 (480-67374-5). Elevated reporting limits (RLs) are provided.

Method(s) 8082A: The following samples were diluted due to the nature of the sample matrix: 20140916-FD-1 (480-67374-2), PDS-AC-03 (480-67374-1), PDS-AC-04 (480-67374-3). Elevated reporting limits (RLs) are provided.

Method(s) 8082A: For method 8082, the recovery of the one surrogate in samples PDS-34 (480-67374-4 MSD) exceeds quality control limits due to the sample matrix. The recovery of the secondary surrogate is within quality control criteria; no corrective action is required.

Method(s) 8082A: Due to the high concentration of Arochlor 1254 and 1260 in the parent sample, the matrix spike / matrix spike duplicate (MS/MSD) for preparation batch 202775 could not be evaluated for accuracy and precision. The associated laboratory control sample (LCS) met acceptance criteria.

Method(s) 8082A: All primary data for analytical batch 203000 is reported from the ZB-5 column, while all primary data for analytical batch 203464 is reported from the ZB-35 column.

No additional analytical or quality issues were noted, other than those described above or in the Definitions/Glossary page.

Organic Prep

No analytical or quality issues were noted, other than those described in the Definitions/Glossary page.

FORM X
IDENTIFICATION SUMMARY

Lab Name: TestAmerica Buffalo Job No.: 480-67374-1
 SDG No.: _____
 Client Sample ID: PDS-AC-03 Lab Sample ID: 480-67374-1
 Instrument ID (1): HP6890-7 Instrument ID (2): HP6890-7
 Date Analyzed (1): 09/18/2014 13:04 Date Analyzed (2): 09/18/2014 13:04
 GC Column (1): ZB-5 ID: 0.53(mm) GC Column (2): ZB-35 ID: 0.53(mm)

ANALYTE	COL	PEAK	RT	RT WINDOW		CONCENTRATION		RPD
				FROM	TO	PEAK	MEAN	
PCB-1254	1	1	3.81	3.78	3.84	1230	2500	32.2
		2	3.89	3.86	3.92	1580		
		3	3.99	3.96	4.02	3720		
		4	4.08	4.05	4.11	3370		
	2	1	3.64	3.61	3.67	1080	3400	
		2	3.73	3.70	3.76	1920		
		3	3.86	3.83	3.89	3330		
		4	3.98	3.95	4.01	7380		
PCB-1260	1	1	4.60	4.58	4.64	2530	2300	12.1
		2	4.79	4.76	4.82	1790		
		3	4.99	4.96	5.02	2860		
		4	5.23	5.20	5.26	2190		
	2	1	4.60	4.57	4.63	2400	2600	
		2	4.67	4.64	4.70	3080		
		3	4.74	4.71	4.77	2890		
		4	5.07	5.04	5.10	2230		

FORM X
IDENTIFICATION SUMMARY

Lab Name: TestAmerica Buffalo Job No.: 480-67374-1
 SDG No.: _____
 Client Sample ID: PDS-AC-04 Lab Sample ID: 480-67374-3
 Instrument ID (1): HP6890-7 Instrument ID (2): HP6890-7
 Date Analyzed (1): 09/18/2014 13:36 Date Analyzed (2): 09/18/2014 13:36
 GC Column (1): ZB-5 ID: 0.53(mm) GC Column (2): ZB-35 ID: 0.53(mm)

ANALYTE	COL	PEAK	RT	RT WINDOW		CONCENTRATION		RPD
				FROM	TO	PEAK	MEAN	
PCB-1254	1	2	3.89	3.86	3.92	483	830	28.3
		3	3.98	3.96	4.02	1460		
		4	4.08	4.05	4.11	1070		
	2	2	3.73	3.70	3.76	561	1100	
		3	3.87	3.83	3.89	964		
		4	3.98	3.95	4.01	2630		
PCB-1260	1	1	4.60	4.58	4.64	1080	1100	4.9
		2	4.79	4.76	4.82	770		
		3	4.99	4.96	5.02	1330		
		4	5.23	5.20	5.26	1050		
	2	1	4.60	4.57	4.63	899	1000	
		2	4.67	4.64	4.70	1000		
		3	4.74	4.71	4.77	1190		
		4	5.07	5.04	5.10	944		

FORM X
IDENTIFICATION SUMMARY

Lab Name: TestAmerica Buffalo Job No.: 480-67374-1
 SDG No.: _____
 Client Sample ID: PDS-34 Lab Sample ID: 480-67374-4
 Instrument ID (1): HP6890-7 Instrument ID (2): HP6890-7
 Date Analyzed (1): 09/18/2014 13:52 Date Analyzed (2): 09/18/2014 13:52
 GC Column (1): ZB-5 ID: 0.53(mm) GC Column (2): ZB-35 ID: 0.53(mm)

ANALYTE	COL	PEAK	RT	RT WINDOW		CONCENTRATION		RPD
				FROM	TO	PEAK	MEAN	
PCB-1254	1	1	3.81	3.78	3.84	1380	3800	31.5
		2	3.89	3.86	3.92	2370		
		3	3.99	3.96	4.02	4930		
		4	4.08	4.05	4.11	6510		
	2	1	3.64	3.61	3.67	1040	5200	
		2	3.73	3.70	3.76	2630		
		3	3.86	3.83	3.89	5790		
		4	3.98	3.95	4.01	11400		
PCB-1260	1	1	4.60	4.58	4.64	4530	5100	10.1
		2	4.79	4.76	4.82	5230		
		3	4.99	4.96	5.02	4930		
		4	5.23	5.20	5.26	5750		
	2	1	4.60	4.57	4.63	6420	5700	
		2	4.67	4.64	4.70	6860		
		3	4.74	4.71	4.77	4660		
		4	5.07	5.04	5.10	4670		

Job Narrative
480-70454-1

Receipt

The samples were received on 10/30/2014 3:00 PM; the samples arrived in good condition, properly preserved and, where required, on ice. The temperature of the cooler at receipt was 4.6° C.

GC Semi VOA

Method(s) 8082A: The following samples were diluted to bring the concentration of target analytes within the calibration range: (480-70454-1 MS), (480-70454-1 MSD), PDS-52 (480-70454-1), PDS-53-0-0.5 (480-70454-2). Elevated reporting limits (RLs) are provided.

Method(s) 8082A: The surrogate percent difference in the associated continuing calibration verification (CCV 480-211582/14) for Decachlorobiphenyl was decreased and exceeded 20% on the ZB-35 column, indicating a low bias.

Method(s) 8082A: All primary data is reported from the ZB-35 column.

No additional analytical or quality issues were noted, other than those described above or in the Definitions/Glossary page.

Organic Prep

No analytical or quality issues were noted, other than those described in the Definitions/Glossary page.

Job Narrative
480-70454-2

Receipt

The samples were received on 10/30/2014 3:00 PM; the samples arrived in good condition, properly preserved and, where required, on ice. The temperature of the cooler at receipt was 4.6° C.

GC Semi VOA

Method(s) 8082A: Due to the high concentration of Aroclor 1260, the matrix spike / matrix spike duplicate (MS/MSD) for batch 214122 could not be evaluated for accuracy and precision. The associated laboratory control sample (LCS) met acceptance criteria.

Method(s) 8082A: All primary data is reported from the ZB-35 column.

No additional analytical or quality issues were noted, other than those described above or in the Definitions/Glossary page.

Organic Prep

No analytical or quality issues were noted, other than those described in the Definitions/Glossary page.

FORM X
IDENTIFICATION SUMMARY

Lab Name: TestAmerica Buffalo Job No.: 480-70454-2
 SDG No.: _____
 Client Sample ID: PDS-54-0-0.5 Lab Sample ID: 480-70454-4
 Instrument ID (1): HP5890-12 Instrument ID (2): HP5890-12
 Date Analyzed (1): 11/15/2014 20:10 Date Analyzed (2): 11/15/2014 20:10
 GC Column (1): ZB-5 ID: 0.25(mm) GC Column (2): ZB-35 ID: 0.53(mm)

ANALYTE	COL	PEAK	RT	RT WINDOW		CONCENTRATION		RPD
				FROM	TO	PEAK	MEAN	
PCB-1260	1	1	4.21	4.17	4.23	492	490	28.1
		2	4.42	4.39	4.45	566		
		3	4.55	4.52	4.58	442		
		4	4.94	4.90	4.96	468		
	2	1	4.06	4.03	4.09	615	650	
		2	4.36	4.33	4.39	626		
		3	4.42	4.40	4.46	828		
		4	4.50	4.46	4.52	543		

Job Narrative
480-71818-1

Receipt

The samples were received on 11/21/2014 4:55 PM; the samples arrived in good condition, properly preserved and, where required, on ice. The temperature of the cooler at receipt was 2.1° C.

GC Semi VOA

Method(s) 8082A: The following samples were diluted to bring the concentration of target analytes within the calibration range: PDS-57-0-0.5 (480-71818-1), PDS-57-0-0.5 (480-71818-1 MS), PDS-57-0-0.5 (480-71818-1 MSD). Elevated reporting limits (RLs) are provided.

Method(s) 8082A: Due to the high concentration of Aroclor 1260, the matrix spike / matrix spike duplicate (MS/MSD) for batch 215440 could not be evaluated for accuracy and precision. The associated laboratory control sample (LCS) met acceptance criteria.

Method(s) 8082A: All primary data is reported from the ZB-5 column.

Method(s) 8082A: The percent difference in a multi-component continuing calibration verification is assessed on the basis of the total amount, individual peak calculations are only listed for completeness.

No additional analytical or quality issues were noted, other than those described above or in the Definitions/Glossary page.

Organic Prep

No analytical or quality issues were noted, other than those described in the Definitions/Glossary page.

FORM VII
PCBS CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Buffalo Job No.: 480-71818-1
 SDG No.: _____
 Lab Sample ID: CCV 480-215558/31 Calibration Date: 11/24/2014 14:16
 Instrument ID: HP5890-12 Calib Start Date: 10/02/2014 17:33
 GC Column: ZB-5 ID: 0.25 (mm) Calib End Date: 10/02/2014 19:02
 Lab File ID: 12_316_031.D Conc. Units: ng/uL

ANALYTE	CURVE TYPE	AVE CF	CF	MIN CF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
PCB-1016 Peak 1	Ave	128987	144132		0.559	0.500	11.7	20.0
PCB-1016 Peak 2	Ave	75860	77674		0.512	0.500	2.4	20.0
PCB-1016 Peak 3	Ave	207150	224870		0.543	0.500	8.6	20.0
PCB-1016 Peak 4	Ave	88329	94622		0.536	0.500	7.1	20.0
PCB-1260 Peak 1	Ave	233183	267270		0.573	0.500	14.6	20.0
PCB-1260 Peak 2	Ave	219760	262296		0.597	0.500	19.4	20.0
PCB-1260 Peak 3	Ave	150055	190510		0.635	0.500	27.0*	20.0
PCB-1260 Peak 4	Ave	235060	222876		0.474	0.500	-5.2	20.0
Tetrachloro-m-xylene	Lin		2815167		0.0321	0.0300	7.0	20.0
DCB Decachlorobiphenyl	Ave	2410189	2719233		0.0338	0.0300	12.8	20.0

PCBS ANALYSIS RUN LOG

Lab Name: TestAmerica Buffalo

Job No.: 480-71818-1

SDG No.: _____

Instrument ID: HP5890-12

Start Date: 11/24/2014 07:07

Analysis Batch Number: 215558

End Date: 11/24/2014 14:16

LAB SAMPLE ID	CLIENT SAMPLE ID	DATE ANALYZED	DILUTION FACTOR	LAB FILE ID	COLUMN ID
CCV 480-215558/4		11/24/2014 07:07	1		ZB-5 0.25 (mm)
CCV 480-215558/4		11/24/2014 07:07	1		ZB-35 0.53 (mm)
ZZZZZ		11/24/2014 08:04	1		ZB-5 0.25 (mm)
ZZZZZ		11/24/2014 08:04	1		ZB-35 0.53 (mm)
ZZZZZ		11/24/2014 08:19	1		ZB-5 0.25 (mm)
ZZZZZ		11/24/2014 08:19	1		ZB-35 0.53 (mm)
ZZZZZ		11/24/2014 08:33	1		ZB-5 0.25 (mm)
ZZZZZ		11/24/2014 08:33	1		ZB-35 0.53 (mm)
ZZZZZ		11/24/2014 08:48	100		ZB-5 0.25 (mm)
ZZZZZ		11/24/2014 08:48	100		ZB-35 0.53 (mm)
ZZZZZ		11/24/2014 09:03	5		ZB-5 0.25 (mm)
ZZZZZ		11/24/2014 09:03	5		ZB-35 0.53 (mm)
ZZZZZ		11/24/2014 09:18	100		ZB-5 0.25 (mm)
ZZZZZ		11/24/2014 09:18	100		ZB-35 0.53 (mm)
ZZZZZ		11/24/2014 09:33	1		ZB-5 0.25 (mm)
ZZZZZ		11/24/2014 09:33	1		ZB-35 0.53 (mm)
ZZZZZ		11/24/2014 09:48	5		ZB-5 0.25 (mm)
ZZZZZ		11/24/2014 09:48	5		ZB-35 0.53 (mm)
ZZZZZ		11/24/2014 10:03	5		ZB-5 0.25 (mm)
ZZZZZ		11/24/2014 10:03	5		ZB-35 0.53 (mm)
ZZZZZ		11/24/2014 10:18	1		ZB-5 0.25 (mm)
ZZZZZ		11/24/2014 10:18	1		ZB-35 0.53 (mm)
CCV 480-215558/16		11/24/2014 10:33	1		ZB-5 0.25 (mm)
CCV 480-215558/16		11/24/2014 10:33	1		ZB-35 0.53 (mm)
ZZZZZ		11/24/2014 11:02	5		ZB-5 0.25 (mm)
ZZZZZ		11/24/2014 11:02	5		ZB-35 0.53 (mm)
ZZZZZ		11/24/2014 11:17	5		ZB-5 0.25 (mm)
ZZZZZ		11/24/2014 11:17	5		ZB-35 0.53 (mm)
CCV 480-215558/20		11/24/2014 11:32	1	12_316_020.D	ZB-5 0.25 (mm)
CCV 480-215558/20		11/24/2014 11:32	1	12_316_020.D	ZB-35 0.53 (mm)
MB 480-215440/1-A		11/24/2014 12:02	1	12_316_022.D	ZB-5 0.25 (mm)
MB 480-215440/1-A		11/24/2014 12:02	1	12_316_022.D	ZB-35 0.53 (mm)
LCS 480-215440/2-A		11/24/2014 12:17	1	12_316_023.D	ZB-5 0.25 (mm)
LCS 480-215440/2-A		11/24/2014 12:17	1	12_316_023.D	ZB-35 0.53 (mm)
480-71818-1 MS	PDS-57-0-0.5 MS	11/24/2014 12:32	20	12_316_024.D	ZB-5 0.25 (mm)
480-71818-1 MS	PDS-57-0-0.5 MS	11/24/2014 12:32	20	12_316_024.D	ZB-35 0.53 (mm)
480-71818-1 MSD	PDS-57-0-0.5 MSD	11/24/2014 12:46	20	12_316_025.D	ZB-5 0.25 (mm)
480-71818-1 MSD	PDS-57-0-0.5 MSD	11/24/2014 12:46	20	12_316_025.D	ZB-35 0.53 (mm)
480-71818-1	PDS-57-0-0.5	11/24/2014 13:01	20	12_316_026.D	ZB-5 0.25 (mm)
480-71818-1	PDS-57-0-0.5	11/24/2014 13:01	20	12_316_026.D	ZB-35 0.53 (mm)
480-71818-3	PDS-58-0-0.5	11/24/2014 13:16	1	12_316_027.D	ZB-5 0.25 (mm)
480-71818-3	PDS-58-0-0.5	11/24/2014 13:16	1	12_316_027.D	ZB-35 0.53 (mm)
480-71818-11	PDS-53-2-2.5	11/24/2014 13:31	1	12_316_028.D	ZB-5 0.25 (mm)
480-71818-11	PDS-53-2-2.5	11/24/2014 13:31	1	12_316_028.D	ZB-35 0.53 (mm)
480-71818-17	20141121-FD-1	11/24/2014 13:46	1	12_316_029.D	ZB-5 0.25 (mm)

PCBS ANALYSIS RUN LOG

Lab Name: TestAmerica Buffalo Job No.: 480-71818-1
 SDG No.: _____
 Instrument ID: HP5890-12 Start Date: 11/24/2014 07:07
 Analysis Batch Number: 215558 End Date: 11/24/2014 14:16

LAB SAMPLE ID	CLIENT SAMPLE ID	DATE ANALYZED	DILUTION FACTOR	LAB FILE ID	COLUMN ID
480-71818-17	20141121-FD-1	11/24/2014 13:46	1	12_316_029.D	ZB-35 0.53 (mm)
ZZZZZ		11/24/2014 14:01	10		ZB-5 0.25 (mm)
ZZZZZ		11/24/2014 14:01	10		ZB-35 0.53 (mm)
CCV 480-215558/31		11/24/2014 14:16	1	12_316_031.D	ZB-5 0.25 (mm)
CCV 480-215558/31		11/24/2014 14:16	1	12_316_031.D	ZB-35 0.53 (mm)

Job Narrative
480-71818-2

Receipt

The samples were received on 11/21/2014 4:55 PM; the samples arrived in good condition, properly preserved and, where required, on ice. The temperature of the cooler at receipt was 2.1° C.

GC Semi VOA

Method(s) 8082A: The following samples were diluted to bring the concentration of target analytes within the calibration range: PDS-60-0-0.5 (480-71818-2). Elevated reporting limits (RLs) are provided.

Method(s) 8082A: All primary data is reported from the ZB-5 column.

No additional analytical or quality issues were noted, other than those described above or in the Definitions/Glossary page.

Organic Prep

No analytical or quality issues were noted, other than those described in the Definitions/Glossary page.

Job Narrative
480-71818-3

Comments

No additional comments.

Receipt

The samples were received on 11/21/2014 4:55 PM and 11/26/2014 2:38 PM; the samples arrived in good condition, properly preserved and, where required, on ice. The temperatures of the 2 coolers at receipt time were 2.1° C and 2.9° C.

~~Except:~~

~~The samples ID were changed for the following samples on 12/09/14 as per client request. . Therefore, the sample IDs do not match the Chain of Custody (COC).~~

12/15/14
AC

GC Semi VOA

Method(s) 8082A: The following sample was diluted to bring the concentration of target analytes within the calibration range: PDS- 63 0-0.5 (480-72071-1). Elevated reporting limits (RLs) are provided.

Method(s) 8082A: All primary data is reported from the ZB-5 column.

No additional analytical or quality issues were noted, other than those described above or in the Definitions/Glossary page.

Organic Prep

No analytical or quality issues were noted, other than those described in the Definitions/Glossary page.

FORM X
IDENTIFICATION SUMMARY

Lab Name: TestAmerica Buffalo Job No.: 480-71818-3
 SDG No.: _____
 Client Sample ID: PDS-62-0-0.5 Lab Sample ID: 480-71818-9
 Instrument ID (1): HP5890-12 Instrument ID (2): HP5890-12
 Date Analyzed (1): 12/04/2014 13:19 Date Analyzed (2): 12/04/2014 13:19
 GC Column (1): ZB-5 ID: 0.25(mm) GC Column (2): ZB-35 ID: 0.53(mm)

ANALYTE	COL	PEAK	RT	RT WINDOW		CONCENTRATION		RPD
				FROM	TO	PEAK	MEAN	
PCB-1254	1	1	3.56	3.53	3.59	2150	2200	19.4
		2	3.77	3.74	3.80	2060		
		3	3.84	3.81	3.87	2330		
		4	4.04	4.01	4.07	2270		
	2	1	3.15	3.13	3.19	2680	2700	
		2	3.52	3.50	3.56	2610		
		3	3.65	3.63	3.69	2500		
		4	4.06	4.04	4.10	2920		
PCB-1260	1	2	4.43	4.40	4.46	1850	910	30.5
		3	4.55	4.53	4.59	429		
		4	4.94	4.91	4.97	462		
	2	1	4.06	4.03	4.09	2080	1200	
		2	4.37	4.34	4.40	1310		
		3	4.43	4.40	4.46	1050		
		4	4.50	4.47	4.53	541		

Job Narrative
480-71818-4

Receipt

The samples were received on 11/21/2014 4:55 PM and 11/26/2014 2:38 PM; the samples arrived in good condition, properly preserved and, where required, on ice. The temperatures of the 2 coolers at receipt time were 2.1° C and 2.9° C.

Except:

The samples ID were changed for the following samples on 12/09/14 as per client request: PDS-66-0-0.5 (480-72071-8), PDS-66-0-0.5 (480-72071-8 MS), PDS-66-0-0.5 (480-72071-8 MSD). Therefore, the sample IDs do not match the Chain-of-Custody (COC).

GC Semi VOA

Method(s) 8082A: Due to the high concentration of multiple Aroclors, the following matrix spike / matrix spike duplicate (MS/MSD) could not be evaluated for accuracy and precision: PDS-66-0-0.5 (480-72071-8 MS), PDS-66-0-0.5 (480-72071-8 MSD). The associated laboratory control samples (LCS) met acceptance criteria.

Method(s) 8082A: All primary data is reported from the ZB-5 column.

Method(s) 8082A: Surrogate recovery was outside acceptance limits for the following matrix spike duplicate (MSD) sample: PDS-66-0-0.5 (480-72071-8 MSD). The parent sample's surrogate recovery was within limits. The MS/MSD sample has been qualified and reported.

No additional analytical or quality issues were noted, other than those described above or in the Definitions/Glossary page.

Organic Prep

No analytical or quality issues were noted, other than those described in the Definitions/Glossary page.

FORM X
IDENTIFICATION SUMMARY

Lab Name: TestAmerica Buffalo Job No.: 480-71818-4
 SDG No.: _____
 Client Sample ID: PDS-62-1-1.5 Lab Sample ID: 480-71818-10
 Instrument ID (1): HP5890-12 Instrument ID (2): HP5890-12
 Date Analyzed (1): 12/10/2014 10:29 Date Analyzed (2): 12/10/2014 10:29
 GC Column (1): ZB-5 ID: 0.25(mm) GC Column (2): ZB-35 ID: 0.53(mm)

ANALYTE	COL	PEAK	RT	RT WINDOW		CONCENTRATION		RPD
				FROM	TO	PEAK	MEAN	
PCB-1260	1	1	4.30	4.26	4.32	151	140	60.1
		2	4.52	4.48	4.54	182		
	2	1	4.16	4.12	4.18	164	250	
		2	4.46	4.42	4.48	198		
		3	4.52	4.49	4.55	512		
		4	4.60	4.55	4.61	145		

FORM X
IDENTIFICATION SUMMARY

Lab Name: TestAmerica Buffalo Job No.: 480-71818-4
 SDG No.: _____
 Client Sample ID: PDS-65-0-0.5 Lab Sample ID: 480-72071-6
 Instrument ID (1): HP6890-7 Instrument ID (2): HP6890-7
 Date Analyzed (1): 12/11/2014 16:30 Date Analyzed (2): 12/11/2014 16:30
 GC Column (1): ZB-5 ID: 0.53 (mm) GC Column (2): ZB-35 ID: 0.53 (mm)

ANALYTE	COL	PEAK	RT	RT WINDOW		CONCENTRATION		RPD
				FROM	TO	PEAK	MEAN	
PCB-1254	1	1	3.65	3.62	3.68	618	460	1.0
		2	3.86	3.83	3.89	395		
		3	3.94	3.91	3.97	497		
		4	4.14	4.11	4.17	336		
	2	1	3.38	3.35	3.41	624	470	
		2	3.68	3.65	3.71	357		
		3	3.76	3.73	3.79	525		
		4	3.90	3.87	3.93	360		
PCB-1260	1	3	5.06	5.03	5.09	105	110	37.1
		4	5.29	5.26	5.32	133		
	2	1	4.64	4.61	4.67	227	150	
		2	4.71	4.67	4.73	191		

Job Narrative
480-72071-1

Receipt

The samples were received on 11/26/2014 2:38 PM and 11/26/2014 2:42 PM; the samples arrived in good condition, properly preserved and, where required, on ice. The temperatures of the 2 coolers at receipt time were 2.9° C and 3.1° C.

GC Semi VOA

Method(s) 8082A: All primary data is reported from the ZB-5 column.

No additional analytical or quality issues were noted, other than those described above or in the Definitions/Glossary page.

Organic Prep

No analytical or quality issues were noted, other than those described in the Definitions/Glossary page.

Job Narrative
480-72072-1

Comments

No additional comments.

Receipt

The samples were received on 11/26/2014 2:42 PM; the samples arrived in good condition, properly preserved and, where required, on ice. The temperature of the cooler at receipt was 3.1° C.

GC Semi VOA

Method(s) 8082A: The following sample was diluted to bring the concentration of target analytes within the calibration range: PDS-72-0-0.5 (480-72072-8). Elevated reporting limits (RLs) are provided.

Method(s) 8082A: All primary data is reported from the ZB-5 column.

Method(s) 8082A: The percent difference in a multi-component continuing calibration verification is assessed on the basis of the total amount, individual peak calculations are only listed for completeness.

No additional analytical or quality issues were noted, other than those described above or in the Definitions/Glossary page.

Organic Prep

No analytical or quality issues were noted, other than those described in the Definitions/Glossary page.

Job Narrative
480-72072-2

Receipt

The samples were received on 11/26/2014 2:42 PM; the samples arrived in good condition, properly preserved and, where required, on ice. The temperature of the cooler at receipt was 3.1° C.

GC Semi VOA

Method(s) 8082A: All primary data is reported from the ZB-5 column: (CCV 480-220754/4).

Method(s) 8082A: The percent difference in a multi-component continuing calibration verification is assessed on the basis of the total amount, individual peak calculations are only listed for completeness: (CCV 480-220754/4).

No additional analytical or quality issues were noted, other than those described above or in the Definitions/Glossary page.

Organic Prep

No analytical or quality issues were noted, other than those described in the Definitions/Glossary page.

FORM VII
PCBS CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Buffalo Job No.: 480-72072-2
 SDG No.: _____
 Lab Sample ID: CCV 480-220754/14 Calibration Date: 12/24/2014 10:09
 Instrument ID: HP6890-7 Calib Start Date: 12/09/2014 19:21
 GC Column: ZB-5 ID: 0.53(mm) Calib End Date: 12/09/2014 20:56
 Lab File ID: 7_358_223.D Conc. Units: ng/uL

ANALYTE	CURVE TYPE	AVE CF	CF	MIN CF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
PCB-1016 Peak 1	Ave	730136	744046		0.510	0.500	1.9	20.0
PCB-1016 Peak 2	Ave	3033286	3322202		0.548	0.500	9.5	20.0
PCB-1016 Peak 3	Ave	1205521	1260946		0.523	0.500	4.6	20.0
PCB-1016 Peak 4	Ave	820917	865430		0.527	0.500	5.4	20.0
PCB-1260 Peak 1	Ave	1239166	1561100		0.630	0.500	26.0*	20.0
PCB-1260 Peak 2	Ave	1217603	1390092		0.571	0.500	14.2	20.0
PCB-1260 Peak 3	Ave	2897224	3546976		0.612	0.500	22.4*	20.0
PCB-1260 Peak 4	Ave	1564972	1630858		0.521	0.500	4.2	20.0
Tetrachloro-m-xylene	Ave	48960349	45064833		0.0276	0.0300	-8.0	20.0
DCB Decachlorobiphenyl	Lin		26801167		0.0340	0.0300	13.2	20.0

PCBS ANALYSIS RUN LOG

Lab Name: TestAmerica BuffaloJob No.: 480-72072-2

SDG No.: _____

Instrument ID: HP6890-7Start Date: 12/24/2014 07:31Analysis Batch Number: 220754End Date: 12/24/2014 21:11

LAB SAMPLE ID	CLIENT SAMPLE ID	DATE ANALYZED	DILUTION FACTOR	LAB FILE ID	COLUMN ID
CCV 480-220754/4		12/24/2014 07:31	1	7_358_213.D	ZB-5 0.53 (mm)
CCV 480-220754/4		12/24/2014 07:31	1	7_358_213.D	ZB-35 0.53 (mm)
MB 480-220560/1-A		12/24/2014 08:02	1	7_358_215.D	ZB-5 0.53 (mm)
MB 480-220560/1-A		12/24/2014 08:02	1	7_358_215.D	ZB-35 0.53 (mm)
LCS 480-220560/2-A		12/24/2014 08:18	1	7_358_216.D	ZB-5 0.53 (mm)
LCS 480-220560/2-A		12/24/2014 08:18	1	7_358_216.D	ZB-35 0.53 (mm)
480-72072-3 MS	PDS-70-1-1.5 MS	12/24/2014 08:34	1	7_358_217.D	ZB-5 0.53 (mm)
480-72072-3 MS	PDS-70-1-1.5 MS	12/24/2014 08:34	1	7_358_217.D	ZB-35 0.53 (mm)
480-72072-3 MSD	PDS-70-1-1.5 MSD	12/24/2014 08:50	1	7_358_218.D	ZB-5 0.53 (mm)
480-72072-3 MSD	PDS-70-1-1.5 MSD	12/24/2014 08:50	1	7_358_218.D	ZB-35 0.53 (mm)
480-72072-3	PDS-70-1-1.5	12/24/2014 09:06	1	7_358_219.D	ZB-5 0.53 (mm)
480-72072-3	PDS-70-1-1.5	12/24/2014 09:06	1	7_358_219.D	ZB-35 0.53 (mm)
480-72072-6	PDS-71-0-0.5	12/24/2014 09:22	1	7_358_220.D	ZB-5 0.53 (mm)
480-72072-6	PDS-71-0-0.5	12/24/2014 09:22	1	7_358_220.D	ZB-35 0.53 (mm)
480-72072-9	PDS-73-0-0.5	12/24/2014 09:37	1	7_358_221.D	ZB-5 0.53 (mm)
480-72072-9	PDS-73-0-0.5	12/24/2014 09:37	1	7_358_221.D	ZB-35 0.53 (mm)
ZZZZZ		12/24/2014 09:53	1		ZB-5 0.53 (mm)
ZZZZZ		12/24/2014 09:53	1		ZB-35 0.53 (mm)
CCV 480-220754/14		12/24/2014 10:09	1	7_358_223.D	ZB-5 0.53 (mm)
CCV 480-220754/14		12/24/2014 10:09	1	7_358_223.D	ZB-35 0.53 (mm)
ZZZZZ		12/24/2014 10:41	1		ZB-5 0.53 (mm)
ZZZZZ		12/24/2014 10:41	1		ZB-35 0.53 (mm)
ZZZZZ		12/24/2014 10:57	1		ZB-5 0.53 (mm)
ZZZZZ		12/24/2014 10:57	1		ZB-35 0.53 (mm)
ZZZZZ		12/24/2014 11:12	1		ZB-5 0.53 (mm)
ZZZZZ		12/24/2014 11:12	1		ZB-35 0.53 (mm)
ZZZZZ		12/24/2014 11:28	1		ZB-5 0.53 (mm)
ZZZZZ		12/24/2014 11:28	1		ZB-35 0.53 (mm)
ZZZZZ		12/24/2014 11:44	1		ZB-5 0.53 (mm)
ZZZZZ		12/24/2014 11:44	1		ZB-35 0.53 (mm)
ZZZZZ		12/24/2014 12:00	1		ZB-5 0.53 (mm)
ZZZZZ		12/24/2014 12:00	1		ZB-35 0.53 (mm)
ZZZZZ		12/24/2014 12:15	1		ZB-5 0.53 (mm)
ZZZZZ		12/24/2014 12:15	1		ZB-35 0.53 (mm)
ZZZZZ		12/24/2014 12:31	1		ZB-5 0.53 (mm)
ZZZZZ		12/24/2014 12:31	1		ZB-35 0.53 (mm)
CCV 480-220754/24		12/24/2014 12:47	1		ZB-5 0.53 (mm)
CCV 480-220754/24		12/24/2014 12:47	1		ZB-35 0.53 (mm)
CCV 480-220754/30		12/24/2014 14:22	1		ZB-5 0.53 (mm)
CCV 480-220754/30		12/24/2014 14:22	1		ZB-35 0.53 (mm)
ZZZZZ		12/24/2014 14:53	1		ZB-5 0.53 (mm)
ZZZZZ		12/24/2014 14:53	1		ZB-35 0.53 (mm)
ZZZZZ		12/24/2014 15:09	1		ZB-5 0.53 (mm)
ZZZZZ		12/24/2014 15:09	1		ZB-35 0.53 (mm)
ZZZZZ		12/24/2014 15:25	1		ZB-5 0.53 (mm)